



Compartment Review Presentation

Roscommon Forest Management Unit

Compartment 71032

Entry Year 2021

Acreage: 3,265

County Roscommon

Management Area: Upper Muskegon

Revision Date: 2019-06-19

Stand Examiner: Doug Bates

Legal Description:

T24 R03W Sec. 22, 23 and 24

Identified Planning Goals:

Vegetation management in the Upper Muskegon management area (MA) (Figure 2.27.1) will provide forest products; maintain or enhance wildlife habitat; protect areas of unique threatened, endangered and special concern species; and provide for forest-based recreational uses. Timber management for this 10-year period will focus on harvesting older jack pine and balancing age class distributions of oak, aspen and red pine. Wildlife habitat management objectives include perpetuating early-successional communities for species adapted to young forests for hunting and other wildlife-related recreation. Expected trends within this 10-year planning period are the need to manage exotic species (especially Phragmites and glossy buckthorn), the need to continue to manage cover types for a balanced age-class distribution and an expected increase in recreation pressure.

Soil and topography:

Part of the Grayling outwash plain, most of the compartment is relatively flat with minor changes in elevation. There are some lowland stands in the central and northern parts of the compartment. The soils consist of a variety of sand types which include Graycalm-Klacking, Chinwhisker, Otisco, Finch, Crowell and Au Gres. The muck soils are Kinross and Deford.

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

This compartment is scattered over 13 sections with heavy residential interface in almost half of them. The state land is between Higgins Lake and the Village of Roscommon lending to this. The lands are used heavily for recreational use from hiking, to ORV use, to hunting.

Unique Natural Features:

There is suitable habitat for rough fescue, *Festuca scabrella*.

Archeological, Historical, and Cultural Features:

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

Special Management Designations or Considerations:

None noted.

Watershed and Fisheries Considerations:

No comments or aquatic concerns.

Wildlife Habitat Considerations:

None noted

Mineral Resource and Development Concerns and/or Restrictions

Active sand & gravel operations are in the area. Most pits are associated with upland areas, and upland areas within the compartment should have good sand & gravel potential. There has been no oil & gas production in this area. Some mineral rights within the compartment and much of the surrounding area are currently under lease. These leases were originally acquired by Marathon in a 2014 auction as they pursued unconventional development of the Lucas Formation (Richfield zone). Marathon has since abandoned their plans. Marathon's remaining leases were recently acquired by CORE Energy. It is not known whether CORE intends to develop the leases in this area or let them expire next year. The state does not own all the mineral rights within the compartment. Because the mineral estate is the dominant estate, reasonable access to the surface must be provided to private owners if they choose to explore or develop their mineral rights. There is no known metallic mineral potential in this part of the state.

Vehicle Access:

Access is good throughout the compartment, there are several county roads and numerous forest roads.

Survey Needs:

Surveys will be needed in this compartment to determine some possible trespasses and to establish lines for treatments.

Recreational Facilities and Opportunities:

Opportunities exist for hunting, hiking and foraging. There is some interest in possibly having the Iron Belle Trail Bicycle Route utilize the road right of way of Sunset Dr. A privately maintained cross-country ski trail under a land use lease exists on two sections of the compartment.

Fire Protection:

This compartment has a history of low fire occurrence and little high hazard fuels. There is some wildland/Urban interface in this compartment but is a minor concern with type of fuels.

Additional Compartment Information:

Current harvesting is taking place on portions of the compartment from past prescriptions.

The following reports from the Inventory are attached:

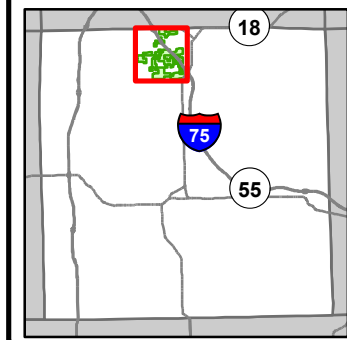
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

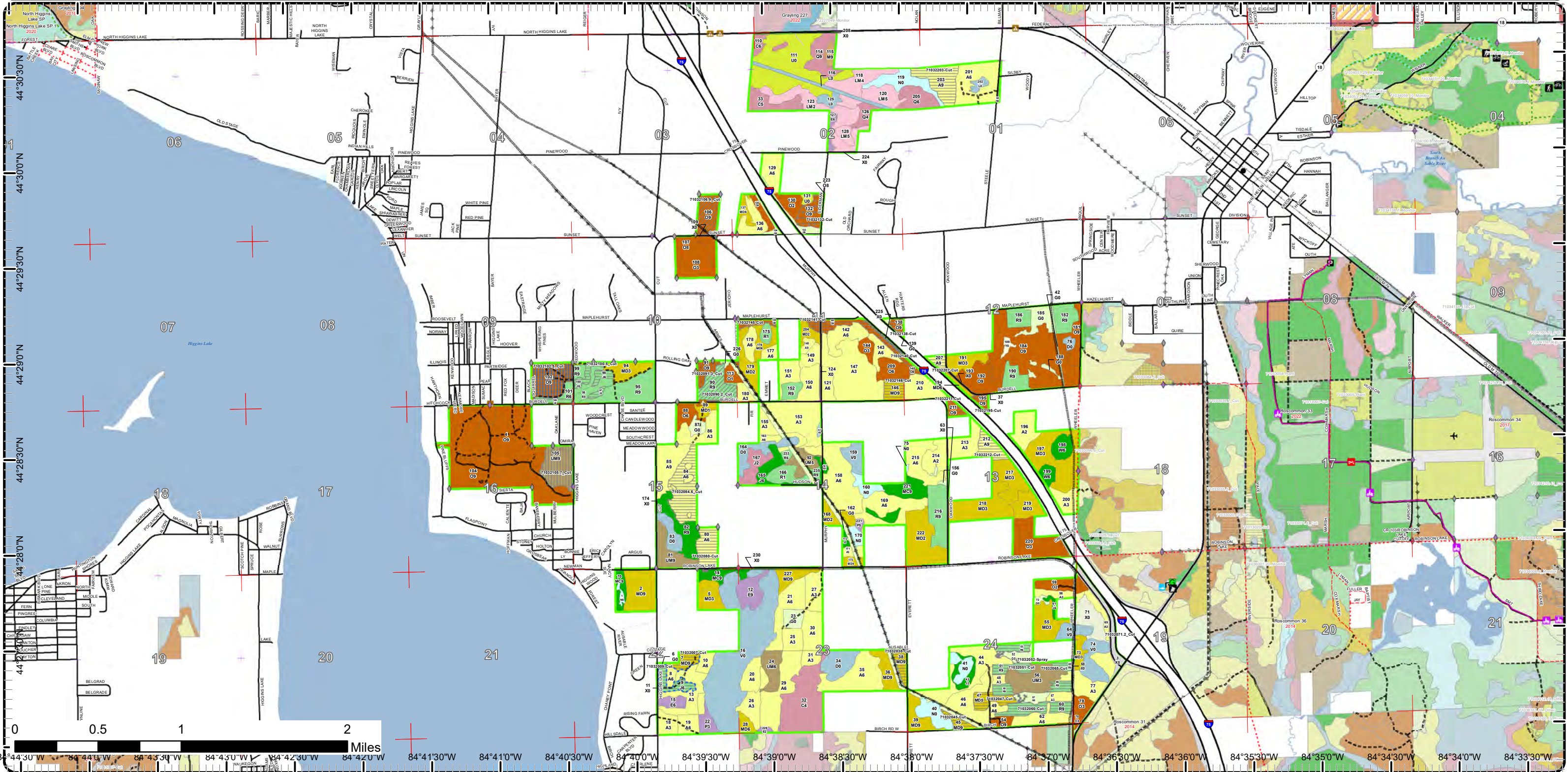
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 32
 T24N, R03W, Sec. 1-3, 9-16, 22-24
 T24N, R02W, Sec. 19
 County: Roscommon
 Unit: Roscommon
 Mgmt Area: Upper Muskegon
 YOE: 2021
 Acres: 3,265 GIS Calculated
 Examiner: Doug Bates
 Map Revised: 11/21/2019
 Map Phase: Post-Review

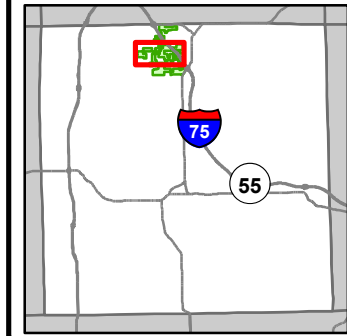


- Miris Corners
- Remonumented Section Corners
- ◆ Field Grade Corners
- Counties
- == DNR - Secondary Forest Road
- == DNR - Forest Access Route
- Federal / State Highway
- Federal / State / County - Paved Road
- - - Federal / State - Dirt / Gravel Road
- . . - . County - Gravel Road
- - - County - Dirt Road (Seasonal)
- Active Railroads
- ▲ Berms
- ▲ Campground
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Pipeline
- ⊕ Powerline
- ⊕ Compartment Boundary
- ⊕ Treatments with Site Conditions
- ⊕ Pesticide
- ⊕ Clearcut (w/Reserves)
- ⊕ Harvest, Overstory Removal
- ⊕ Seed Tree (w/Reserves)
- ⊕ Thinning (Crown, Low, Systematic)
- ⊕ Shelter Wood (w/Reserves)
- ⊕ 412 - Oak Types
- ⊕ 413 - Aspen
- ⊕ 419 - Mixed Upland Deciduous
- ⊕ 421 - Planted Pines
- ⊕ 422 - Natural Pines
- ⊕ 430 - Upland Mixed Forest
- ⊕ 611 - Lowland Deciduous Forest
- ⊕ 612 - Lowland Coniferous Forest
- ⊕ 613 - Lowland Mixed Forest
- ⊕ 110 - Low Intensity Urban
- ⊕ 122 - Roads/Parking Lot
- ⊕ 310 - Herbaceous Openland
- ⊕ 330 - Low Density Trees
- ⊕ 622 - Lowland Shrub
- ⊕ 623 - Emergent Wetland
- ⊕ 710 - Sand/Soil
- ⊕ 790 - Other Bare/Sparsely Vegetated

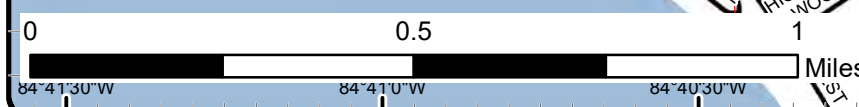
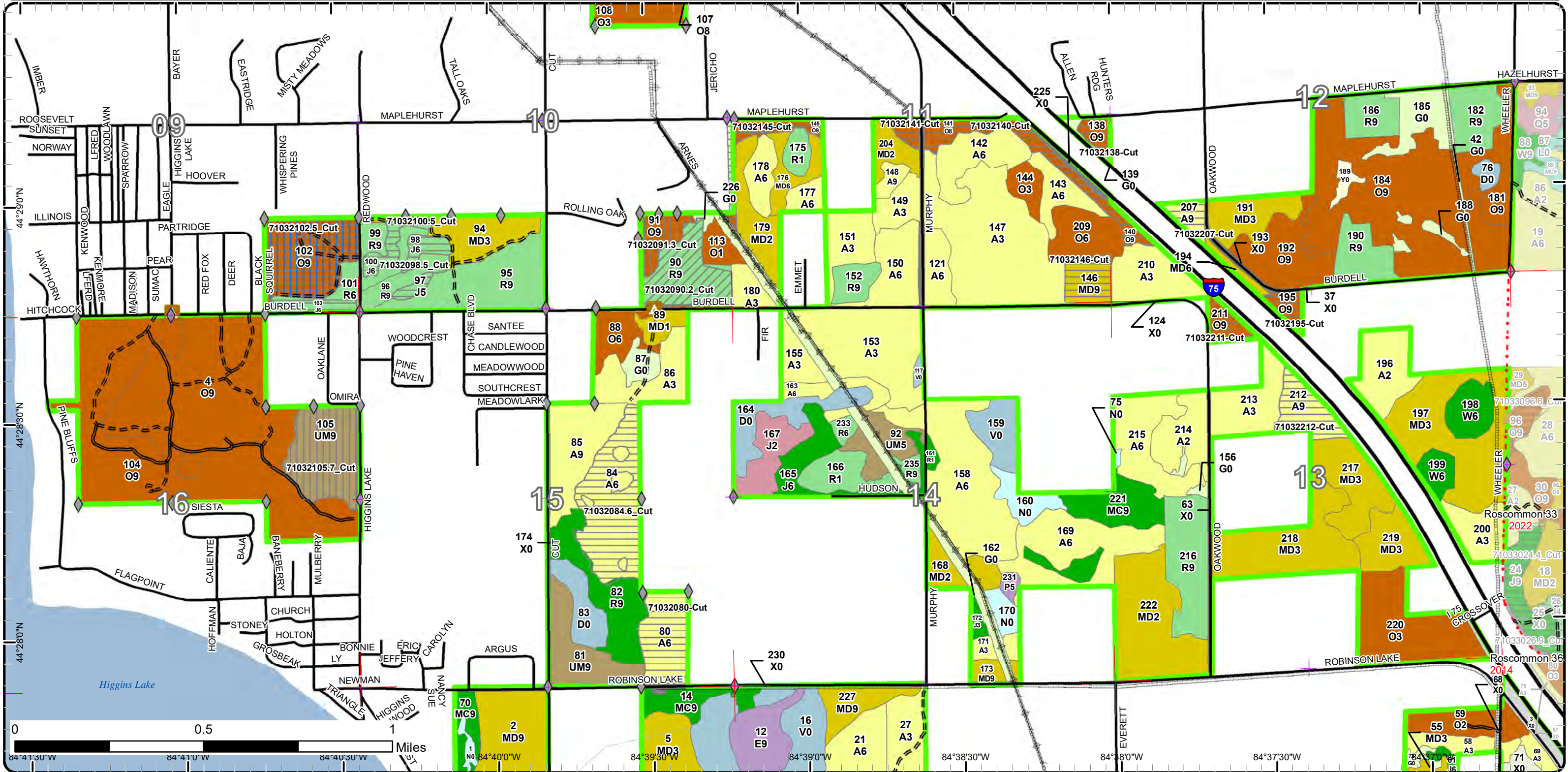


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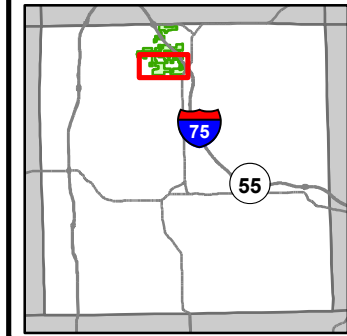


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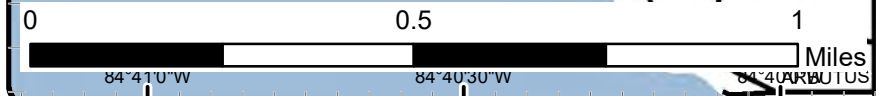
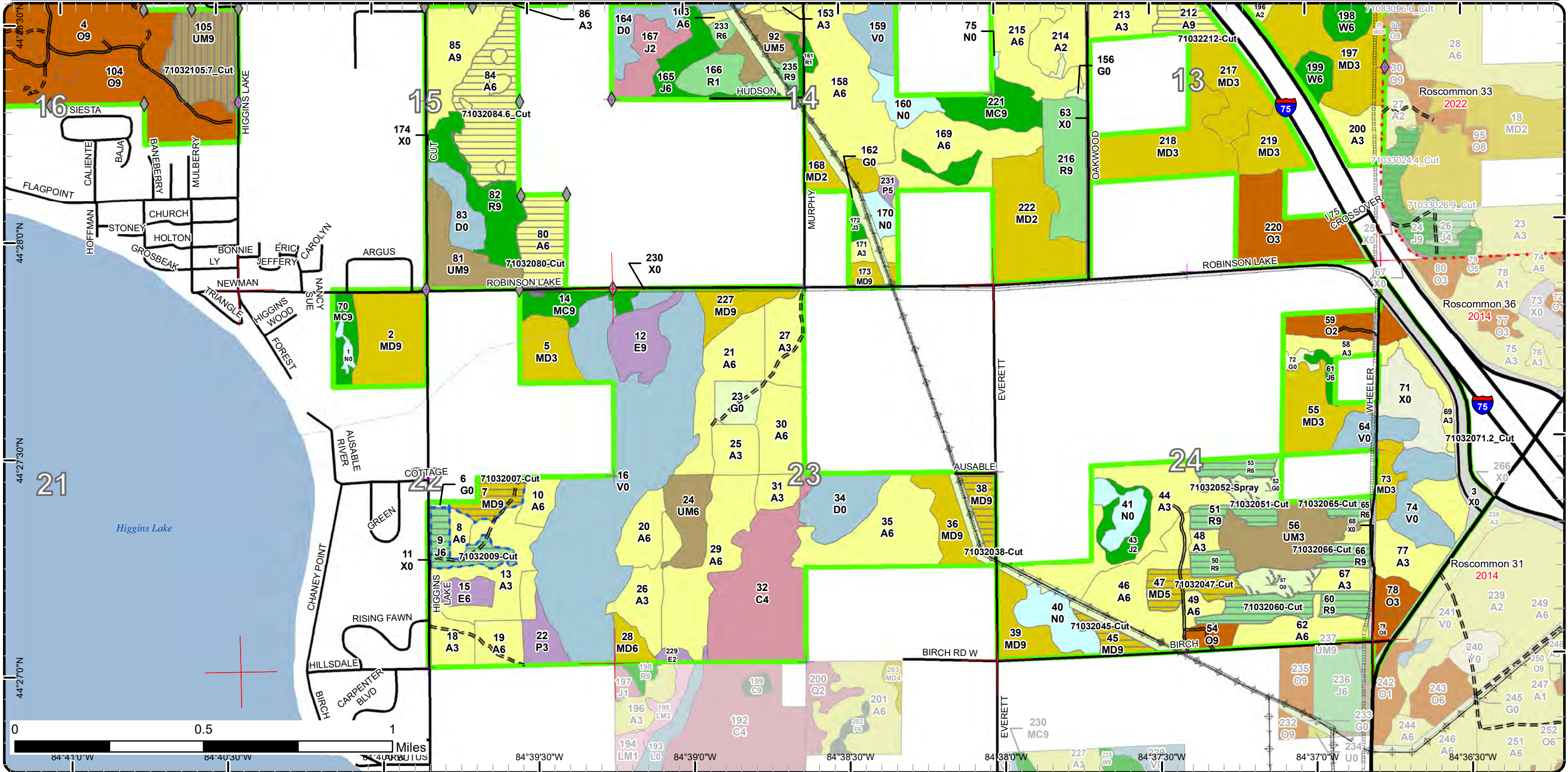


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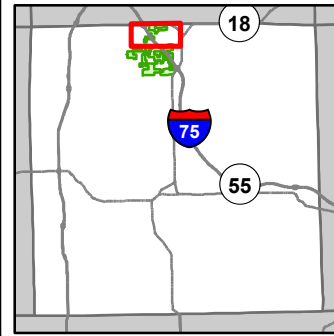
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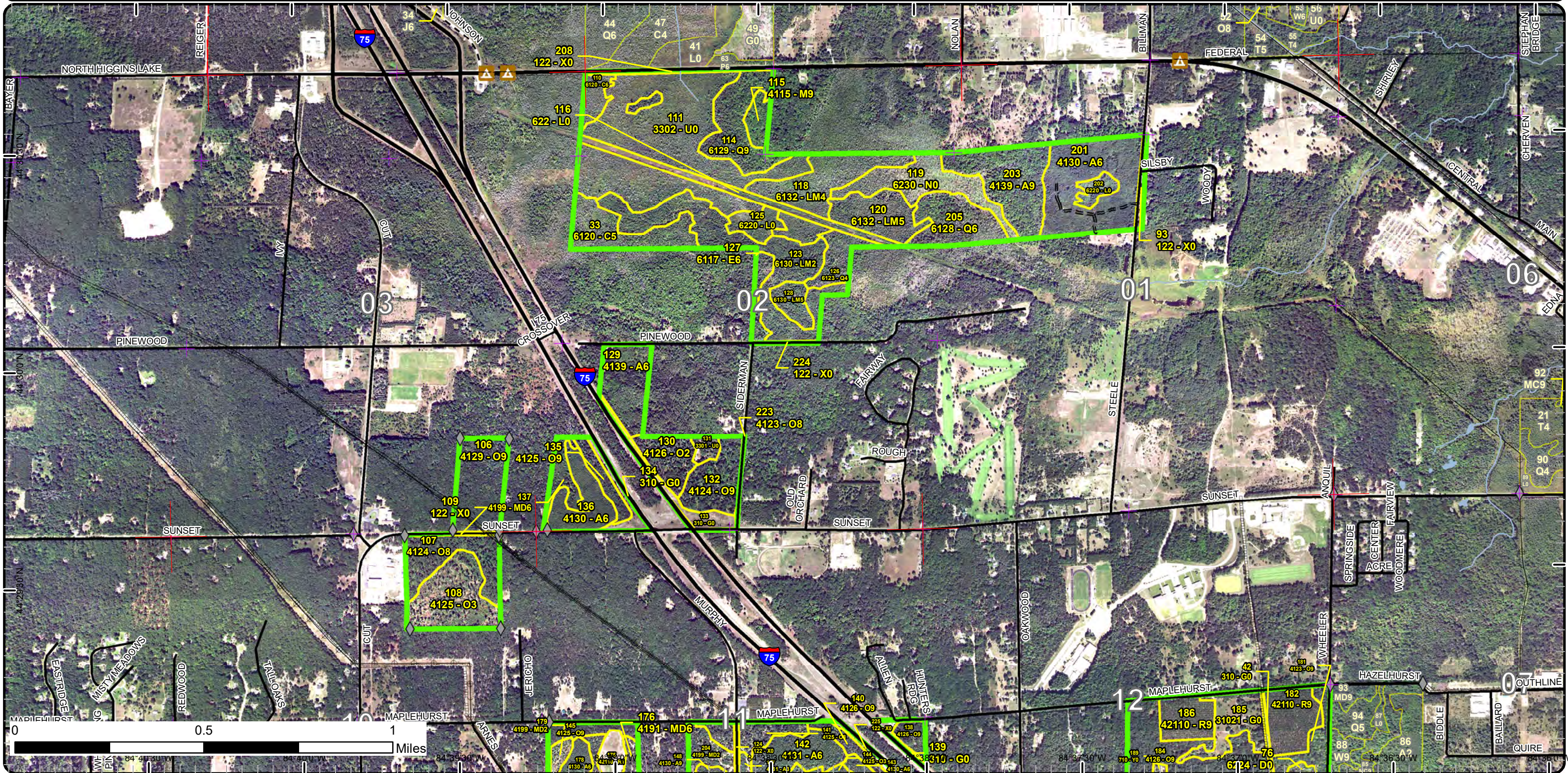


Stand Boundary Map

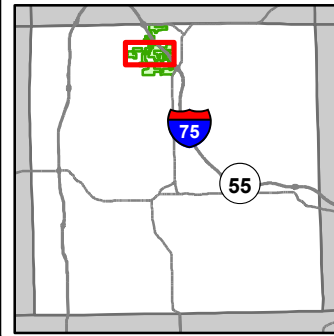


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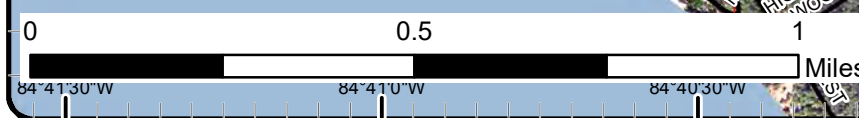
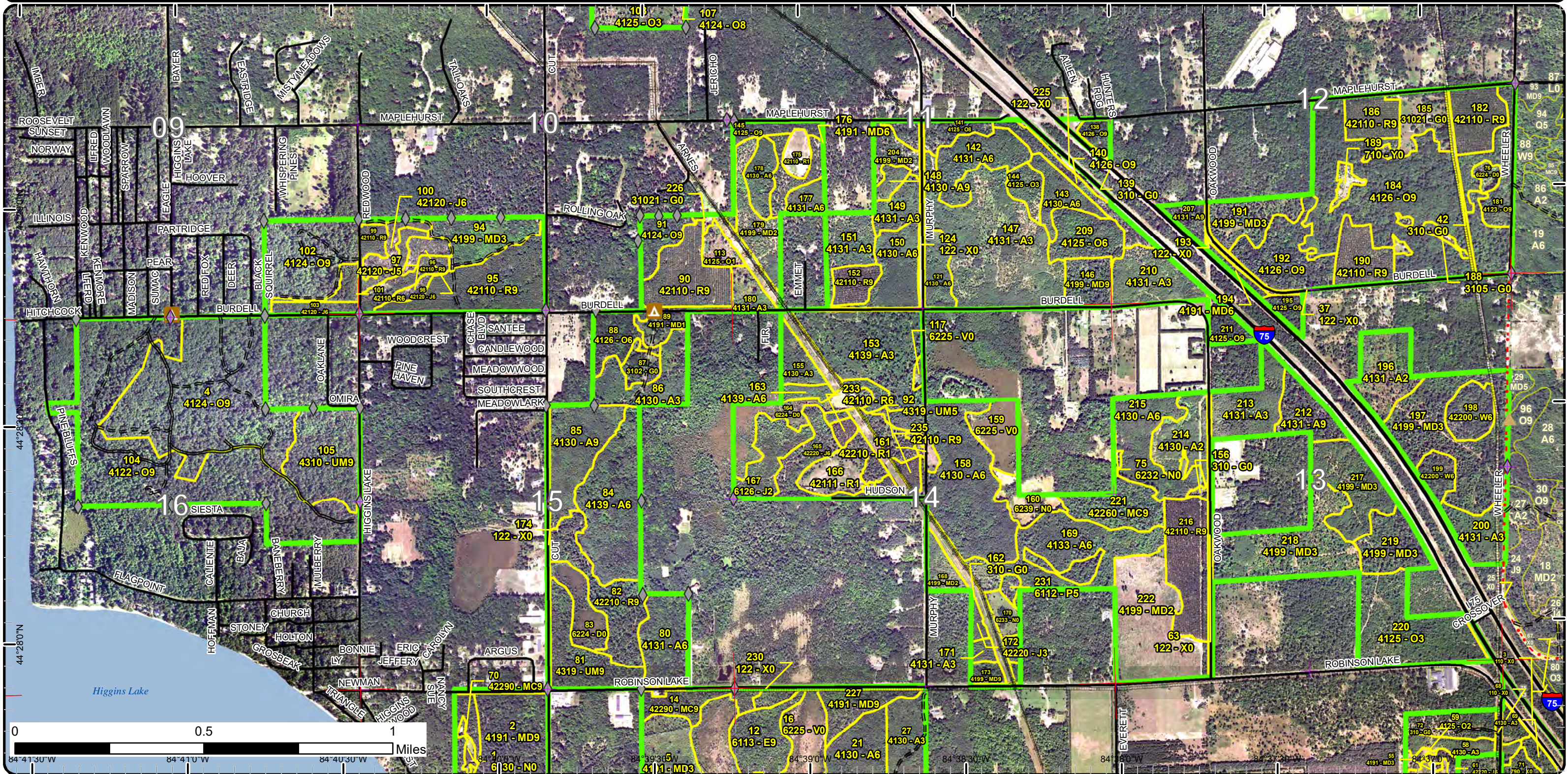


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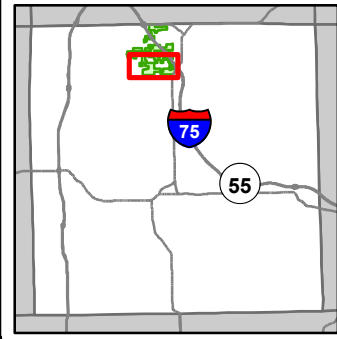


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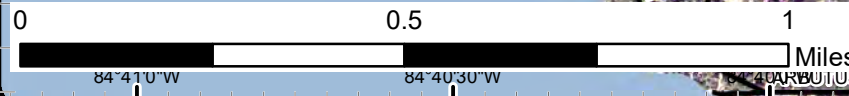
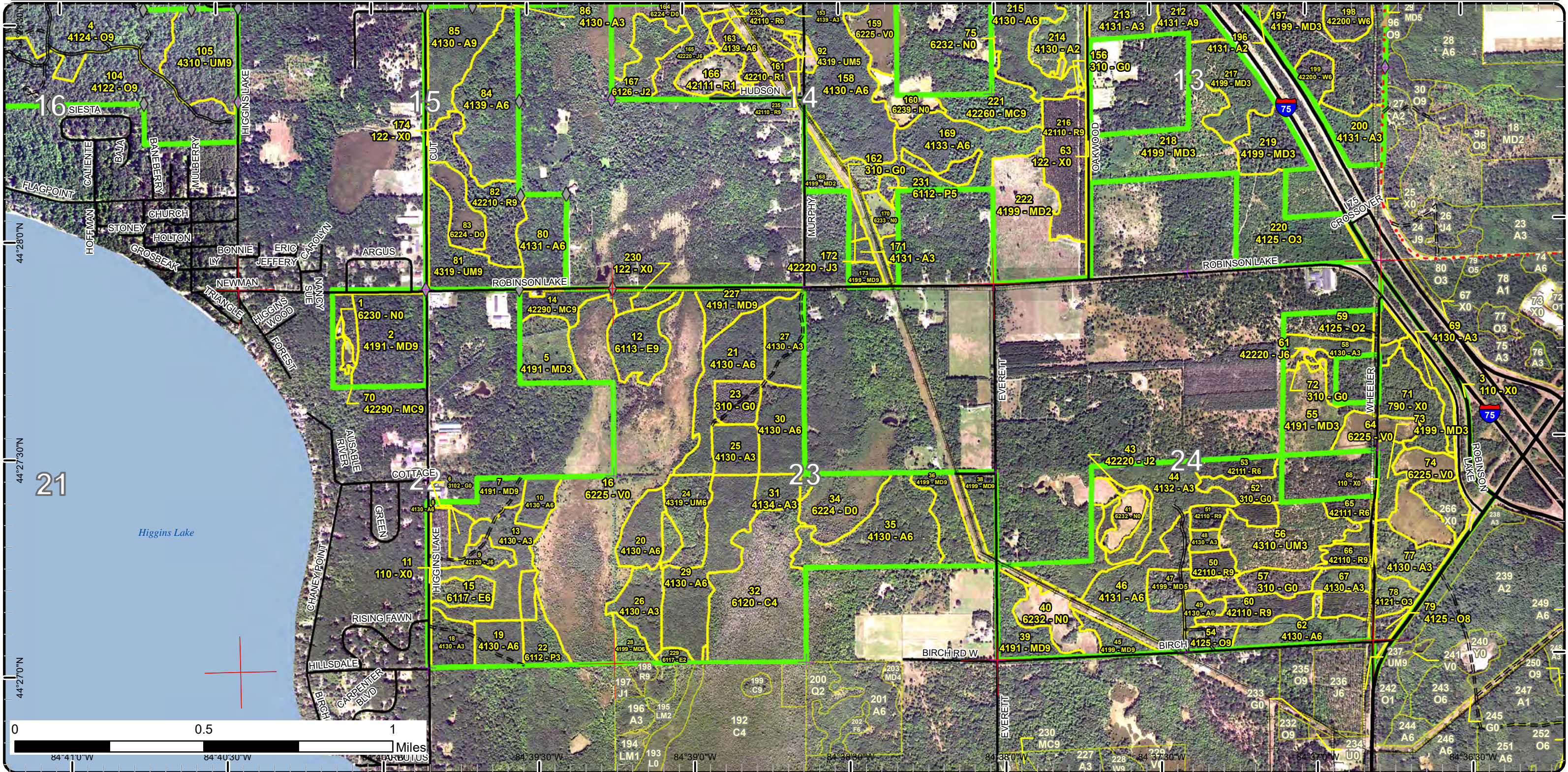
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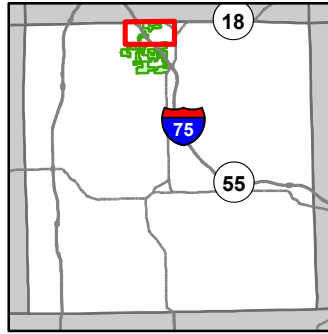
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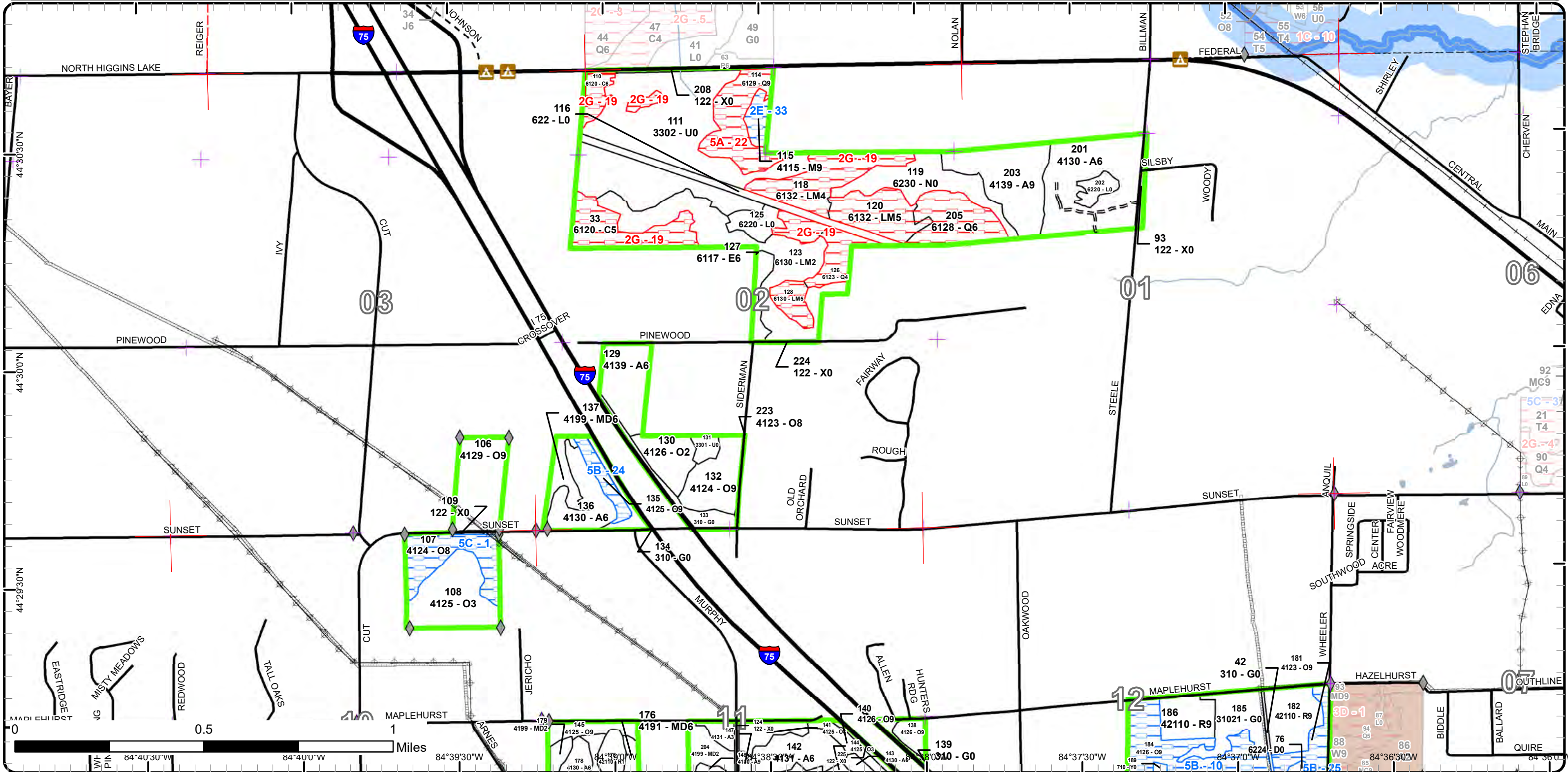


Special Conservation Areas

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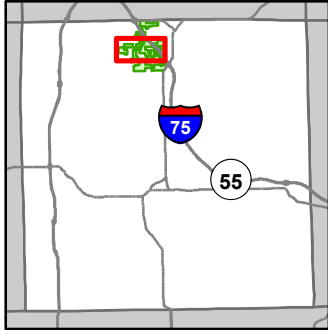


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- Compartment Boundary
- Available w/ Constraints
- Unavailable
- 2E: Road needed
- 5B: Maintain for regeneration purposes
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- 2G: Too wet (sensitive soils, does not include access issues)
- 5A: Not able to obtain desirable regeneration
- Stand Boundaries
- Natural Rivers Vegetative Buffer
- Natural Rivers Zoning District
- Cold Water Streams
- Research, Development, and Military Lands

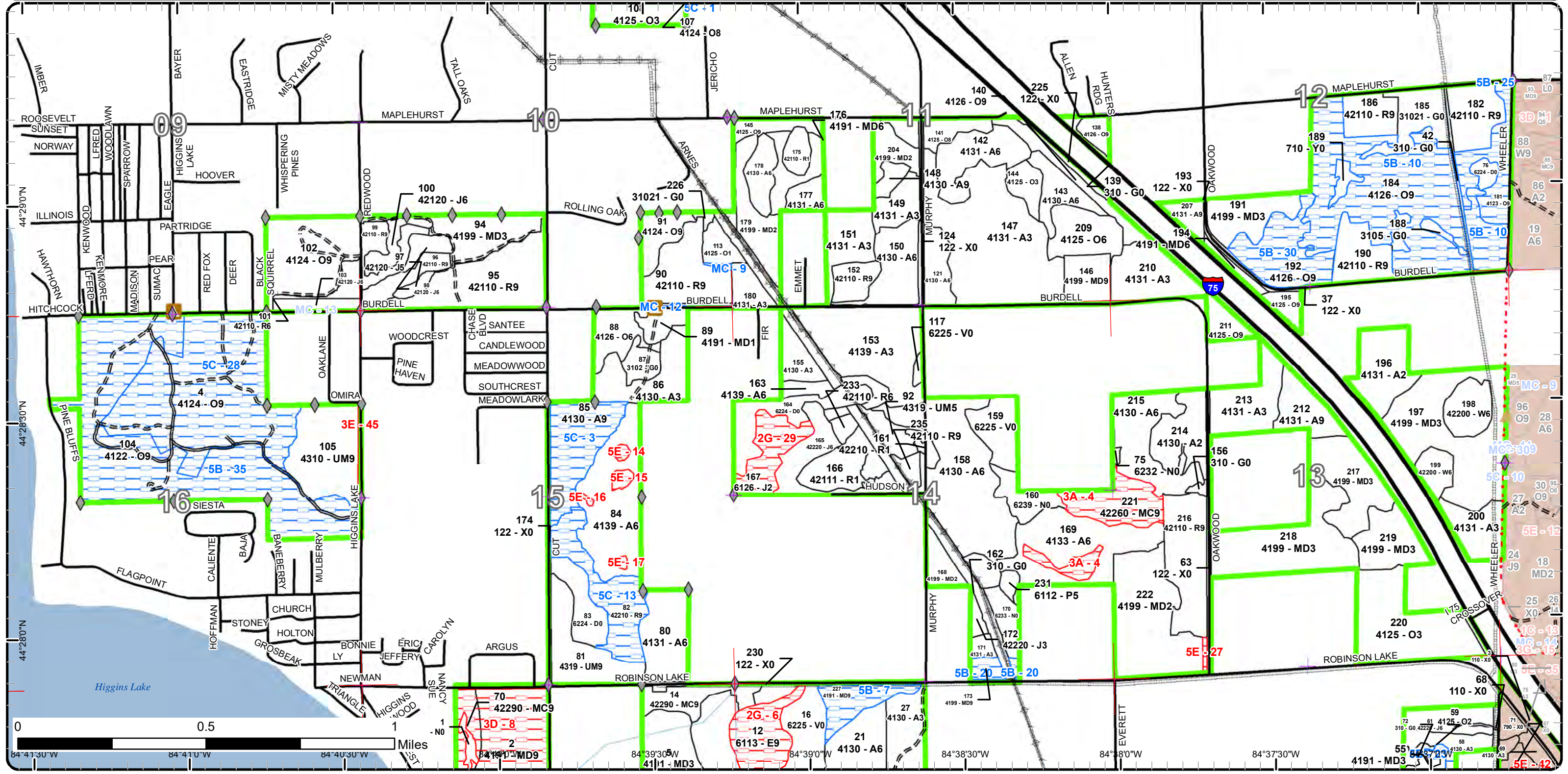


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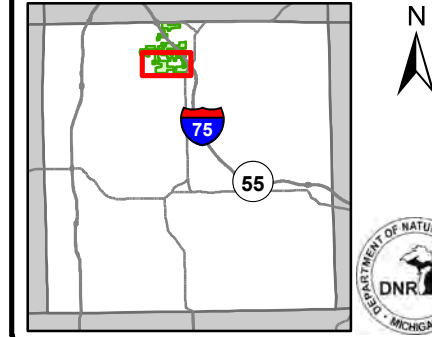


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- 5C: Delay treatment for age/size class diversity or exceptional site quality
- 2G: Too wet (sensitive soils, does not include access issues)
- 3A: Conservation Values incompatible with harvest at this time
- 3D: Recreational / Scenic values
- 3E: Easement / lease, non-military (e.g. Consumers Power red pine, etc)
- 5E: Long-Term Retention
- Stand Boundaries
- Cold Water Streams
- Cold Water Lakes
- Research, Development, and Military Lands

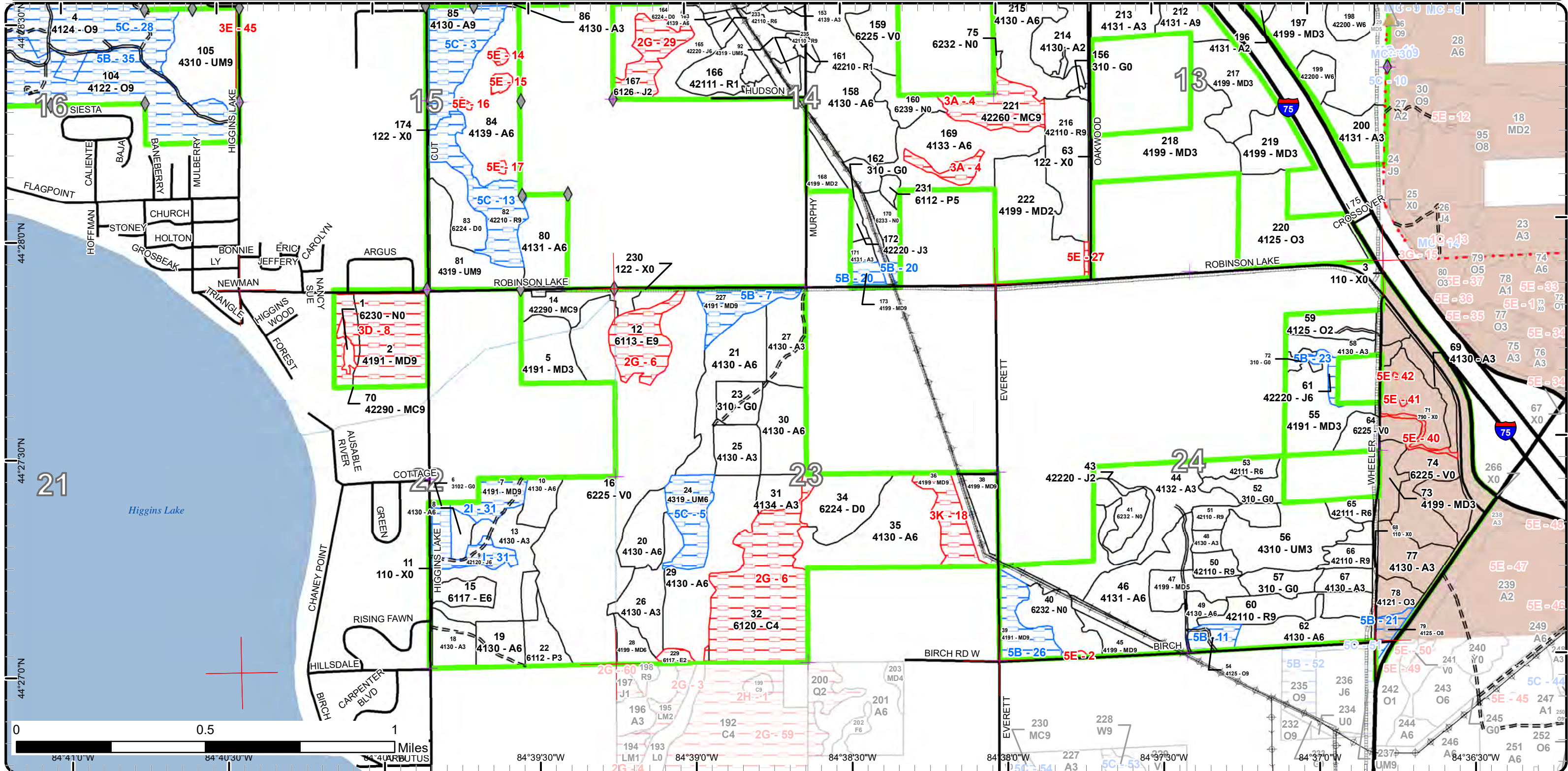


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- | | | |
|---|--|---|
| — Miris Corners | — Compartment Boundary | — 5E: Long-Term Retention |
| — Remonumented Section Corners | — Available w/ Constraints | — Stand Boundaries |
| — Field Grade Corners | — Unavailable | — Cold Water Streams |
| — Counties | 2I: Survey needed | — Cold Water Lakes |
| — DNR - Secondary Forest Road | 5B: Maintain for regeneration purposes | — Research, Development, and Military Lands |
| — DNR - Forest Access Route | 5C: Delay treatment for age/size class diversity or exceptional site quality | |
| — Federal / State Highway | 2G: Too wet (sensitive soils, does not include access issues) | |
| — Federal / State / County - Paved Road | 3A: Conservation Values incompatible with harvest at this time | |
| — County - Gravel Road | 3D: Recreational / Scenic values | |
| — Intermittent Stream | 3E: Easement / lease, non-military (e.g. Consumers Power red pine, etc) | |
| — Lake/Pond | 3K: Rare or unique landforms | |
| — Lakes and Rivers | | |
| — Pipeline | | |
| — Powerline | | |



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 | 6 | 231 | 255 | 278 | 30 | 128 | 26 | 0 | 5 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 971 |
| Bare/Sparsely Vegetated | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 |
| Bog | 172 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 172 |
| Cedar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 0 | 56 | 0 | 0 | 0 | 0 | 78 |
| Herbaceous Openland | 102 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 102 |
| Jack Pine | 0 | 0 | 0 | 24 | 0 | 0 | 32 | 10 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 69 |
| 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 | 8 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| Lowland Conifers | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 17 | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 46 |
| Lowland Deciduous | 0 | 0 | 0 | 0 | 2 | 5 | 7 | 0 | 0 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 |
| Lowland Mixed Forest | 0 | 0 | 0 | 39 | 0 | 0 | 6 | 25 | 0 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 84 |
| Lowland Shrub | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 |
| Marsh | 59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 58 |
| Mixed Upland Deciduous | 0 | 82 | 90 | 97 | 15 | 15 | 6 | 4 | 0 | 0 | 41 | 38 | 8 | 0 | 0 | 0 | 0 | 13 | 409 |
| Natural Mixed Pines | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 8 | 21 | 0 | 0 | 0 | 0 | 0 | 39 |
| Northern Hardwood | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| Oak | 0 | 5 | 33 | 76 | 0 | 0 | 0 | 0 | 11 | 42 | 94 | 310 | 22 | 0 | 0 | 0 | 0 | 0 | 592 |
| Red Pine | 0 | 18 | 0 | 0 | 0 | 12 | 131 | 55 | 0 | 0 | 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 239 |
| Sand, Soil | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| Treed Bog | 49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 49 |
| Upland Mixed Forest | 0 | 0 | 0 | 29 | 0 | 11 | 0 | 0 | 0 | 0 | 49 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 103 |
| Urban | 66 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 66 |
| White Pine | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 |
| Total | 570 | 111 | 354 | 528 | 297 | 73 | 310 | 145 | 14 | 74 | 242 | 414 | 66 | 56 | 0 | 0 | 0 | 13 | 3262 |



Report 2 – Treatment Summary

Roscommon Mgt. Unit
Year of Entry: 2021

Acres of Harvest

Compartment 32
Total Compartment Acres: 3,265

Commercial Harvest - 362
Harvests with Site Condition - 19
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 | 96 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 96 |
| Jack Pine | 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 |
| Mixed Upland Deciduous | 45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 45 |
| Oak | 44 | 0 | 0 | 31 | 10 | 20 | 15 | 0 | 0 | 119 |
| Red Pine | 49 | 0 | 0 | 0 | 0 | 21 | 0 | 0 | 0 | 69 |
| Upland Mixed Forest | 0 | 0 | 0 | 0 | 27 | 0 | 0 | 0 | 0 | 27 |
| Total | 258 | 0 | 0 | 31 | 37 | 41 | 15 | 0 | 0 | 381 |

Proposed and Next Step Treatments by Method

| | Harvest | Site Prep | Planting | Seeding | Burning | Pesticide | Monitoring | Other | Non-Forest Mgt. | Total Acres |
|--------------|------------|-----------|-----------|----------|----------|-----------|------------|----------|-----------------|-------------|
| Current | 381 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 389 |
| Next Step | 0 | 70 | 70 | 0 | 0 | 46 | 402 | 0 | 0 | 589 |
| Total | 381 | 70 | 70 | 0 | 0 | 54 | 402 | 0 | 0 | 978 |



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

Approved Treatments:

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|---|--------------|------|--|--------------------|-----|-------------|---------|----------------------------|---|-----------|----|
| 7 | 71032007-Cut | 9.0 | 4191 - Mixed Upland Deciduous with Conifer | Sawtimber Well | 100 | 81-110 | Harvest | Clearcut with Retention | 4133 - Aspen, Mixed Pine | Two-Aged | No |
| <p><u>Prescription</u> Final harvest all aspen and red maple to two inches d.b.h.. Cut all oak 18 inches in diameter and less. Do not cut the red and 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</u> Young aspen/maple with a supercanopy of older pine and some oak.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u> Survey Needed</p> <p><u>Proposed Start Date:</u> 10/1 /2020</p> | | | | | | | | | | | |
| 9 | 71032009-Cut | 10.4 | 42120 - Planted Jack Pine | Poletimber Well | 64 | 81-110 | Harvest | Clearcut | 42221 - Natural Jack Pine, Mixed Deciduous | Even-Aged | No |
| <p><u>Prescription</u> Final harvest all species to a two inch d.b.h.. No retention due to size and stand orientation. If chip make sure to prune the jack pine limbs off that will contain the cones and make sure they are scattered evenly over the 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> Jack pine with mixed deciduous to moderate stocking. Plant with jack pine to bring up to stocking if fails to regenerate.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u> Survey Needed</p> <p><u>Proposed Start Date:</u> 10/1 /2020</p> | | | | | | | | | | | |
| 38 | 71032038-Cut | 8.4 | 4199 - Other Mixed Upland Deciduous | Sawtimber Well | 119 | 111- 140 | Harvest | Clearcut | 4131 - Aspen, Oak | Even-Aged | No |
| <p><u>Prescription</u> Final harvest stand to restart the aspen and open up overstory for white pine. Leave all white oak and pine. Cut all species to 2 inches except oak. Cut no red oak over 24 inches d.b.h. or under merchantable d.b.h. No retention.</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, oak, and other mixed deciduous.</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 /2020</p> | | | | | | | | | | | |



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

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|-----------|---------------------|-----|-------------------------------------|----------------|----|-------|---------|-------------------------|-------------------|-----------|----|
| 45 | 71032045-Cut | 6.1 | 4199 - Other Mixed Upland Deciduous | Sawtimber Well | 90 | 51-80 | Harvest | Clearcut with Retention | 4131 - Aspen, Oak | Even-Aged | No |
|-----------|---------------------|-----|-------------------------------------|----------------|----|-------|---------|-------------------------|-------------------|-----------|----|

Prescription Final harvest all species to two inches. Place a buffer along the bog on the west line. Use this for retention.
Specs:
Next Step Monitoring, Natural Regen (Re-Inventory)
Treatments:
Acceptable aspen mixed with oak, maple, and pine to full stocking.
Regen:
Other
Comment:
Site Condition
Proposed Start Date: 10/1 /2020

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|-----------|---------------------|------|-------------------------------------|-------------------|----|-------|---------|----------|-------------------|-----------|----|
| 47 | 71032047-Cut | 11.6 | 4199 - Other Mixed Upland Deciduous | Poletimber Medium | 49 | 51-80 | Harvest | Clearcut | 4121 - Oak, Aspen | Even-Aged | No |
|-----------|---------------------|------|-------------------------------------|-------------------|----|-------|---------|----------|-------------------|-----------|----|

Prescription Final harvest all species to a two inch d.b.h. except for oak. Cut the oak down to a 4.5 inch d.b.h.. No retention due to decline of oak and smaller stand size.
Specs:
Next Step Monitoring, Natural Regen (Re-Inventory)
Treatments:
Acceptable Oak, aspen, and other mixed deciduous trees to moderate stocking.
Regen:
Other
Comment:
Site Condition
Proposed Start Date: 10/1 /2020

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|-----------|---------------------|-----|--------------------------|----------------|----|---------|---------|----------|-------------------------|-----------|----|
| 50 | 71032050-Cut | 5.2 | 42110 - Planted Red Pine | Sawtimber Well | 54 | 111-140 | Harvest | Clearcut | 4211 - Planted Red Pine | Even-Aged | No |
|-----------|---------------------|-----|--------------------------|----------------|----|---------|---------|----------|-------------------------|-----------|----|

Prescription Final harvest all trees to a two inch d.b.h.. Chip all tops to prepare site for a red pine replanting. No retention due to small size.
Specs:
Next Step Pesticide, Skidder - Site Prep; SitePrep, Trenching; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr)
Treatments:
Acceptable 80% free to grow red pine seedlings
Regen:
Other
Comment:
Site Condition
Proposed Start Date: 10/1 /2020

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|-----------|---------------------|-----|--------------------------|----------------|----|---------|---------|----------|-------------------------|-----------|----|
| 51 | 71032051-Cut | 7.8 | 42110 - Planted Red Pine | Sawtimber Well | 54 | 111-140 | Harvest | Clearcut | 4211 - Planted Red Pine | Even-Aged | No |
|-----------|---------------------|-----|--------------------------|----------------|----|---------|---------|----------|-------------------------|-----------|----|

Prescription Final harvest all trees to a two inch d.b.h.. Chip all tops to prepare site for a red pine replanting. No retention due to small size.
Specs:
Next Step Pesticide, Skidder - Site Prep; SitePrep, Trenching; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr)
Treatments:
Acceptable 80% free to grow red pine planting
Regen:
Other
Comment:
Site Condition
Proposed Start Date: 10/1 /2020

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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 |
|---|-------|---|-----------------|-----------|----------|----------------|------------------|--------------------------|---------------|-------------|
| 52 71032052-Spray | 8.1 | 310 - Herbaceous Openland | Nonstocked | 0 | | Pesticide | ERROR | 42110 - Planted Red Pine | Even-Aged | No |
| <u>Prescription</u> Site prep spray site to set back woody competition, trench and plant red pine seedlings. | | | | | | | | | | |
| <u>Specs:</u> | | | | | | | | | | |
| <u>Next Step</u> SitePrep, Trenching; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr) | | | | | | | | | | |
| <u>Treatments:</u> | | | | | | | | | | |
| <u>Acceptable</u> 80% free to grow red pine. | | | | | | | | | | |
| <u>Regen:</u> | | | | | | | | | | |
| <u>Other</u> Treat with stand 53 to north when restart treat this stand. | | | | | | | | | | |
| <u>Comment:</u> | | | | | | | | | | |
| <u>Site Condition</u> | | | | | | | | | | |
| <u>Proposed Start Date:</u> 10/1 /2024 | | | | | | | | | | |
| 53 71032053-Cut | 6.6 | 42111 - Planted Red Pine, Mixed Deciduous | Poletimber Well | 54 | 81-110 | Harvest | Clearcut | 4211 - Planted Red Pine | Even-Aged | No |
| <u>Prescription</u> Final harvest all trees to a two inch d.b.h.. Chip all tops to prepare site for a red pine replanting. No retention due to small size. | | | | | | | | | | |
| <u>Specs:</u> | | | | | | | | | | |
| <u>Next Step</u> Pesticide, Skidder - Site Prep; SitePrep, Trenching; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr) | | | | | | | | | | |
| <u>Treatments:</u> | | | | | | | | | | |
| <u>Acceptable</u> 80% free to grow red pine planting. | | | | | | | | | | |
| <u>Regen:</u> | | | | | | | | | | |
| <u>Other</u> | | | | | | | | | | |
| <u>Comment:</u> | | | | | | | | | | |
| <u>Site Condition</u> | | | | | | | | | | |
| <u>Proposed Start Date:</u> 10/1 /2020 | | | | | | | | | | |
| 57 71032057-Spray | 8.1 | 310 - Herbaceous Openland | Nonstocked | 0 | | Pesticide | ERROR | 42110 - Planted Red Pine | Even-Aged | No |
| <u>Prescription</u> Site prep spray site to set back woody competition, trench and plant red pine seedlings. | | | | | | | | | | |
| <u>Specs:</u> | | | | | | | | | | |
| <u>Next Step</u> SitePrep, Trenching; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr) | | | | | | | | | | |
| <u>Treatments:</u> | | | | | | | | | | |
| <u>Acceptable</u> 80% free to grow red pine planting | | | | | | | | | | |
| <u>Regen:</u> | | | | | | | | | | |
| <u>Other</u> Treat with stand 60 to south. | | | | | | | | | | |
| <u>Comment:</u> | | | | | | | | | | |
| <u>Site Condition</u> | | | | | | | | | | |
| <u>Proposed Start Date:</u> 10/1 /2024 | | | | | | | | | | |
| 60 71032060-Cut | 17.2 | 42110 - Planted Red Pine | Sawtimber Well | 54 | 111-140 | Harvest | Clearcut | 4211 - Planted Red Pine | Even-Aged | No |
| <u>Prescription</u> Final harvest all trees to a two inch d.b.h.. Chip all tops to prepare site for a red pine replanting. No retention due to small size. | | | | | | | | | | |
| <u>Specs:</u> | | | | | | | | | | |
| <u>Next Step</u> Pesticide, Skidder - Site Prep; SitePrep, Trenching; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr) | | | | | | | | | | |
| <u>Treatments:</u> | | | | | | | | | | |
| <u>Acceptable</u> 80% free to grow red pine seedlings. | | | | | | | | | | |
| <u>Regen:</u> | | | | | | | | | | |
| <u>Other</u> | | | | | | | | | | |
| <u>Comment:</u> | | | | | | | | | | |
| <u>Site Condition</u> | | | | | | | | | | |
| <u>Proposed Start Date:</u> 10/1 /2020 | | | | | | | | | | |

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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 |
|---|-------|---|-----------------|-----------|----------|----------------|-------------------------|-------------------------|---------------|-------------|
| 65 71032065-Cut | 4.4 | 42111 - Planted Red Pine, Mixed Deciduous | Poletimber Well | 54 | 81-110 | Harvest | Clearcut | 4211 - Planted Red Pine | Even-Aged | No |
| <p><u>Prescription</u> Final harvest all trees to a two inch d.b.h.. Chip all tops to prepare site for a red pine replanting. No retention due to small size.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Pesticide, Skidder - Site Prep; SitePrep, Trenching; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Monitoring, Artificial</p> <p><u>Treatments:</u> Regen(3yr)</p> <p><u>Acceptable</u> 80% free to grow red pine seedlings</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 /2020</p> | | | | | | | | | | |
| 66 71032066-Cut | 5.1 | 42110 - Planted Red Pine | Sawtimber Well | 54 | 81-110 | Harvest | Clearcut | 4211 - Planted Red Pine | Even-Aged | No |
| <p><u>Prescription</u> Final harvest all trees to a two inch d.b.h.. Chip all tops to prepare site for a red pine replanting. No retention due to small size.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Pesticide, Skidder - Site Prep; SitePrep, Trenching; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Monitoring, Artificial</p> <p><u>Treatments:</u> Regen(3yr)</p> <p><u>Acceptable</u> 80% free to grow red pine seedlings</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 /2020</p> | | | | | | | | | | |
| 69 71032071.2_C ut | 0.0 | 4130 - Aspen | Sapling Well | 12 | Immature | Harvest | Clearcut with Retention | 413 - Aspen | Even-Aged | No |
| <p><u>Prescription</u> Clearcut with reserves and manage for aspen. Save a few red pine and oak. Buffer bog edges per BMP guidelines. Save a couple pockets</p> <p><u>Specs:</u> of mature aspen for retention.</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Fully stocked stand of aspen.</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 /2015</p> | | | | | | | | | | |



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

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|-----------|---------------------|------|-------------------|-----------------|----|--------|---------|-------------------------|-------------------------------|-----------|----|
| 80 | 71032080-Cut | 18.5 | 4131 - Aspen, Oak | Poletimber Well | 52 | 81-110 | Harvest | Clearcut with Retention | 4139 - Aspen, Mixed Deciduous | Even-Aged | No |
|-----------|---------------------|------|-------------------|-----------------|----|--------|---------|-------------------------|-------------------------------|-----------|----|

Prescription Treat the stand by removing all aspen and red maple to a 2 inch d.b.h.. Leave all red pine. Mark 20 basal area of oak to leave where applicable. Favor white oak and larger mast producing oaks where possible also. Place retention areas along the ski trail as buffers and do 10% by area. Can not harvest from December 01 to July 15 due to ski trail usage and oak wilt restrictions. Add drumming log and brush pile spec.

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

Acceptable Regen: Aspen with a component of oak and maple to moderate stocking

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2020

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|-----------|-----------------------|------|-------------------------------|-----------------|----|--------|---------|-------------------------|-------------|-----------|----|
| 84 | 71032084.6_Cut | 34.3 | 4139 - Aspen, Mixed Deciduous | Poletimber Well | 54 | 81-110 | Harvest | Clearcut with Retention | 413 - Aspen | Even-Aged | No |
|-----------|-----------------------|------|-------------------------------|-----------------|----|--------|---------|-------------------------|-------------|-----------|----|

Prescription Treatment: Cut all tree species to a 2 inch d.b.h.. with the following exceptions: - Mark to cut red pine to 70 basal area where existing percentage warrants- Leave all white pine 14 inches or greater d.b.h.- Mark to leave 10-20 basal area oak, preferably white oak or large crowned mast producers. Harvest can not be done from December 01 to July 15 due to ski trail and oak wilt restrictions. Retention: Retention islands can include pockets of mainly pine/oak such as the large one on the southeast end to buffer the cross-country ski trail. Place pockets along trail in other locations as buffer. 10 percent combination should be used for retention.

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

Acceptable Regen: Regeneration of mixed aspen, oak, pine is acceptable.

Other Comment: Harvest will treat the largest contiguous blocks of the stand with the smaller fragmented portions created by the trail system to be left for visual/retention. Access will be from the north off Burdell Road down an overgrown two-track that already exists into this stand. Place signage/information of the treatment at the Ski Trail entrance off of CO. RD. 104 explaining the harvest's benefits, etc. Old next step comments: Regeneration of mixed aspen, oak, pine is acceptable.

Site Condition

Proposed Start Date: 10/1 /2015

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|-----------|-----------------------|------|--------------------------|----------------|----|---------|---------|--------------|-------------------------|-----------|----|
| 90 | 71032090.2_Cut | 20.9 | 42110 - Planted Red Pine | Sawtimber Well | 56 | 141-170 | Harvest | Low Thinning | 4211 - Planted Red Pine | Even-Aged | No |
|-----------|-----------------------|------|--------------------------|----------------|----|---------|---------|--------------|-------------------------|-----------|----|

Prescription Treatment: Mark to remove basal area down to 110 basal area at the lowest managing for best trees in place. Remove small, deformed, cull trees opening up crown and reducing competitors. Retention: None

Next Step
Treatments:

Acceptable Regen:

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2015

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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 |
|---|-------|------------------------------|--------------------|-----------|-------------|----------------|-------------------------------|------------------------------|---------------|-------------|
| 91 71032091.3_C ut | 9.9 | 4124 - Red with White Oak | Sawtimber Well | 102 | 81-110 | Harvest | Shelterwood with Retention | 4124 - Red with White Oak | Two-Aged | No |
| <u>Prescription Specs:</u> Treatment: Cut all red maple and aspen to a 2 inch d.b.h.. Mark to leave 40-60 basal area of oak on average where applicable. Leave oak in the younger/smaller size classes and open up the crown. Leave a few large topped oaks for mast. Favor white oaks for residual due to oak wilt. Will be open pockets due to aspen and red maple. Use these for skid routes. The red maple regeneration is thick, allow higher damage amounts to understory regeneration due to this. Have producer cut haul routes through maple saplings. Retention: None | | | | | | | | | | |
| <u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory) | | | | | | | | | | |
| <u>Acceptable Regen:</u> A mix of oak, aspen, and maple regeneration is acceptable. | | | | | | | | | | |
| <u>Other Comment:</u> Old next step comments: A mix of oak, aspen, and maple regeneration is acceptable. | | | | | | | | | | |
| <u>Site Condition</u> | | | | | | | | | | |
| <u>Proposed Start Date:</u> 10/1 /2015 | | | | | | | | | | |
| 96 71032097.3_C ut | 2.2 | 42110 - Planted Red Pine | Sawtimber Well | 46 | 111- 140 | Harvest | Clearcut | 4211 - Planted Red Pine | Even-Aged | No |
| <u>Prescription Specs:</u> Treatment: Cut all trees to a 2 inch d.b.h.. Chipping of all tops is required because site is to be trenched and plant to red pine. Retention: None due to small size | | | | | | | | | | |
| <u>Next Step Treatments:</u> SitePrep, Trenching; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr) | | | | | | | | | | |
| <u>Acceptable Regen:</u> Planted red pine to full stocking levels. | | | | | | | | | | |
| <u>Other Comment:</u> Old next step comments: Trench and plant site with red pine seedlings. | | | | | | | | | | |
| <u>Site Condition</u> | | | | | | | | | | |
| <u>Proposed Start Date:</u> 10/1 /2015 | | | | | | | | | | |
| 98 71032098.5_C ut | 4.3 | 42120 - Planted Jack Pine | Poletimber Well | 58 | 81-110 | Harvest | Clearcut | 4211 - Planted Red Pine | Even-Aged | No |
| <u>Prescription Specs:</u> Treatment: Cut all trees to a 2 inch d.b.h.. Chipping of all tops is required due to site needing to be trenched and replanted. Retention: None due to small size | | | | | | | | | | |
| <u>Next Step Treatments:</u> SitePrep, Trenching; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr) | | | | | | | | | | |
| <u>Acceptable Regen:</u> Planted red pine meeting full stocking levels is acceptable. | | | | | | | | | | |
| <u>Other Comment:</u> Old next step comments: Trench and plant the site with red pine seedlings. | | | | | | | | | | |
| <u>Site Condition</u> | | | | | | | | | | |
| <u>Proposed Start Date:</u> 10/1 /2015 | | | | | | | | | | |
| 100 71032100.5_C ut | 5.5 | 42120 - Planted Jack Pine | Poletimber Well | 58 | 81-110 | Harvest | Clearcut | 4211 - Planted Red Pine | Even-Aged | No |
| <u>Prescription Specs:</u> Treatment: Final harvest all trees to a 2 inch d.b.h.. Chipping of tops is required due to site being trenched and replanted to red pine. Retention: None due to small irregular size and cover type conversion. | | | | | | | | | | |
| <u>Next Step Treatments:</u> SitePrep, Trenching; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr) | | | | | | | | | | |
| <u>Acceptable Regen:</u> Planted to red pine to meet full stocking levels. | | | | | | | | | | |
| <u>Other Comment:</u> Old next step comments: Trench and replanting site to red pine using seedlings. | | | | | | | | | | |
| <u>Site Condition</u> | | | | | | | | | | |
| <u>Proposed Start Date:</u> 10/1 /2015 | | | | | | | | | | |

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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 |
|--|-------|------------------------------|--------------------|-----------|-------------|----------------|------------------|------------------------------|---------------|-------------|
| 102 71032102.5_C ut | 30.7 | 4124 - Red with White Oak | Sawtimber Well | 90 | 81-110 | Harvest | Seed Tree | 412 - Oak Types | Two-Aged | No |
| <p><u>Prescription</u> Treatment: Remove oak so basal area averages 20. Acceptable to leave up to 30 in some locations if deemed beneficial. Side to white oak <u>Specs:</u> and/or large canopy trees for acorn production for seeding/mast.Retention: None, overstory represented species will be still present in seed trees</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u></p> <p><u>Acceptable</u> Mixed stand of hardwoods (oak, maple, and aspen) along with pine at full stocking levels is acceptable. <u>Regen:</u></p> <p><u>Other</u> Old next step comments: Currently natural regeneration is present. Monitor stand for stocking levels. Interplant red pine in larger open <u>Comment:</u> areas if regeneration fails.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2015</p> | | | | | | | | | | |
| 103 71032103.3_C ut | 3.8 | 42120 - Planted Jack Pine | Poletimber Well | 58 | 81-110 | Harvest | Clearcut | 4211 - Planted Red Pine | Even-Aged | No |
| <p><u>Prescription</u> Treatment: Cut all trees to a 2 inch d.b.h.. Chipping is required of tops due to site needing to be trenched and replanted.Retention: None <u>Specs:</u> due to small narrow size.</p> <p><u>Next Step</u> SitePrep, Trenching; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr) <u>Treatments:</u></p> <p><u>Acceptable</u> Planted red pine stand to full stocking level is acceptable. <u>Regen:</u></p> <p><u>Other</u> Old next step comments: Trench and plant with red pine seedlings. <u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2015</p> | | | | | | | | | | |
| 105 71032105.7_C ut | 27.4 | 4310 - Pine, Oak Mix | Sawtimber Well | 98 | 111- 140 | Harvest | Shelterwood | 4220 - Natural White Pine | Two-Aged | No |
| <p><u>Prescription</u> Treatment: Cut all trees to a 2 inch d.b.h. with the following exceptions:- Mark to leave some large oaks for mast/seeding (10 b.a.)- <u>Specs:</u> Leave all white pine and red pine 16 inches and greater d.b.h.. (40-50 b.a.)*The red maple regeneration is thick. Allow higher damage amounts to understory regeneration to producer (40%+). They must cut trails through regenerations for haul routes and cut all damage saplings instead of running them over.Retention: None</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u></p> <p><u>Acceptable</u> A mix of pine, oak, and some maple is acceptable for regeneration to full stocking levels. <u>Regen:</u></p> <p><u>Other</u> Old next step comments: A mix of pine, oak, and some maple is acceptable for regeneration. Evaluate regeneration in ten years to decide if <u>Comment:</u> going to remove overstory or not. If regeneration is still mainly red maple remove overstory (pine) otherwise if its oak/pine leave for large woody snags and diversity.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2015</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 |
|--|-------|------------------------------------|-------------------|-----------|-------------|----------------|----------------------|----------------------|-----------------|-------------|
| 106 71032106.9_C ut | 20.0 | 4129 - Mixed Oak | Sawtimber Well | 85 | 111- 140 | Harvest | Crown Thinning | 4121 - Oak, Aspen | Uneven- Aged | No |
| <p><u>Prescription</u> Treatment: Remove all aspen to a 2 inch d.b.h.. Remove all multi-stemmed red maple. Producer may need to remove more maple for operability. Cut all white pine 12 inches d.b.h. and less to a 2 inch d.b.h.. Mark to cut oak to a residual basal area of 70-90 where applicable. Place 3 to 4 openings amongst the oaks up to 1/4 acre in size, where possible remove the poorest quality trees first to make them. Favor leaving white oak due to oak wilt concentrations in area and give a mix of both log and pole sizes. Try to manage for best trees in place but do leave some mast/hollow oaks for wildlife if present. Retention: None</p> <p><u>Specs:</u></p> <p><u>Next Step</u> <u>Treatments:</u></p> <p><u>Acceptable</u> <u>Regen:</u></p> <p><u>Other</u> Landing/hauling will take place on the abandoned pipeline ROW that transects the lower southwest corner. Aspen clone areas do not count towards the regeneration gaps under oaks. Place signage on Sunset Drive to warn public of logging traffic.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2015</p> | | | | | | | | | | |
| 132 71032132-Cut | 14.6 | 4124 - Red with White Oak | Sawtimber Well | 95 | 51-80 | Harvest | Overstory Removal | 4121 - Oak, Aspen | Even-Aged | No |
| <p><u>Prescription</u> Remove all oaks, red maple, and white pine over five inches in diameter. A roundwood operation is needed to reduce the damage to the upcoming regeneration from the last treatment. Want to remove the overstory while still have some room to do so. Mark to leave white oaks over 14 inches and red oaks over 20 inches that'll still provide for good mast. Mark to leave trees that are surrounded by regeneration that would have to be run over to get. The allowable damage amounts to the red maple coming in will be much higher than that allowed on aspen and oak.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> <u>Treatments:</u></p> <p><u>Acceptable</u> aspen with a mix of red maple and oak to fully stocking.</p> <p><u>Regen:</u></p> <p><u>Other</u> The landing will be in the open area to the north, stand 131. Some haul trails will need to be allowed to be cut through some regeneration to reach trees for removal. Target red maple regeneration over others for this.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2020</p> | | | | | | | | | | |
| 138 71032138-Cut | 3.8 | 4126 - White, Black, N. Pin Oak | Sawtimber Well | 96 | 81-110 | Harvest | Clearcut | 4122 - Oak, Pine | Even-Aged | No |
| <p><u>Prescription</u> Final harvest all species to two inches with the following exceptions: Do not cut any white pine and white oaks over 14 inches d.b.h.. No retention due to small size.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Oak with a mix of pine, maple and aspen to moderate stocking.</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 /2020</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 |
|--|-------|-------------------------------------|------------------|-----------|----------|----------------|-------------------------|----------------------|---------------|-------------|
| 140 71032140-Cut | 9.7 | 4126 - White, Black, N. Pin Oak | Sawtimber Well | 95 | 81-110 | Harvest | Clearcut | 4121 - Oak, Aspen | Even-Aged | No |
| <p><u>Prescription Specs:</u> Final harvest all species to a two inch diameter. Leave no retention. Do not cut any white oak trees with a diameter of 12 inches or greater at d.b.h. to be left for mast trees.</p> <p><u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Acceptable Regen:</u> A mixture of oak, aspen, and other mixed deciduous to a moderate stocking.</p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2020</p> | | | | | | | | | | |
| 141 71032141-Cut | 9.4 | 4125 - Black, N. Pin Oak | Sawtimber Medium | 95 | 1-50 | Harvest | Clearcut | 4122 - Oak, Pine | Even-Aged | No |
| <p><u>Prescription Specs:</u> Final harvest all species to a four inch diameter at d.b.h.. Need to protect the present regeneration as much as possible. Possibly may need to roundwood. No retention due to size and orientation.</p> <p><u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Acceptable Regen:</u> oak with pine and other mixed deciduous to a moderate stocking.</p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2020</p> | | | | | | | | | | |
| 145 71032145-Cut | 9.4 | 4125 - Black, N. Pin Oak | Sawtimber Well | 96 | 81-110 | Harvest | Clearcut with Retention | 4122 - Oak, Pine | Even-Aged | No |
| <p><u>Prescription Specs:</u> Final harvest all species to a two inch diameter except for the oak and white pine. Cut the white pine and black oak down to a 4 inch diameter. Leave all white oak over 12 inches in diameter. Do not chip the tops. Spread them out uniformly over the site to impede illegal ORV traffic. Place retention island of 3-5 percent by size. Place one around the guardrail area to keep traffic out of stand 175.</p> <p><u>Next Step Treatments:</u> Monitoring, Natural Regen (Intermediate)</p> <p><u>Acceptable Regen:</u> A mix of oak, maple, and pine to a moderate stocking is desirable. If not prepare the stand for planting of red pine.</p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2020</p> | | | | | | | | | | |
| 146 71032146-Cut | 10.1 | 4199 - Other Mixed Upland Deciduous | Sawtimber Well | 95 | 81-110 | Harvest | Clearcut with Retention | 4131 - Aspen, Oak | Even-Aged | No |
| <p><u>Prescription Specs:</u> Final harvest all species to a two inch diameter. Leave a small island retention of 3-5 percent, try to place this island around some of the white oaks within the stand.</p> <p><u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Acceptable Regen:</u> aspen with an oak component to moderate stocking.</p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2020</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 |
|---|-------|-------------------------------|----------------|-----------|----------|----------------|-------------------------|--------------------------|---------------|-------------|
| 195 71032195-Cut | 4.2 | 4125 - Black, N. Pin Oak | Sawtimber Well | 89 | 81-110 | Harvest | Clearcut | 4121 - Oak, Aspen | Even-Aged | No |
| <p><u>Prescription</u> Final Harvest all trees to a two inch d.b.h. No retention due to stands small acreage. Leave all white oaks with a diameter over 14 inches.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Oak, aspen, other mixed deciduous to moderate stocking.</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 /2020</p> | | | | | | | | | | |
| 203 71032203-Cut | 25.5 | 4139 - Aspen, Mixed Deciduous | Sawtimber Well | 61 | 111-140 | Harvest | Clearcut with Retention | 4134 - Aspen, Spruce/Fir | Even-Aged | No |
| <p><u>Prescription</u> Final harvest all species to a 2 inch diameter. Place retention around the outer perimeter that is wetter and contains cedar and hemlock.</p> <p><u>Specs:</u> Crane mats will be needed to span the wet drain that runs along the east line. Approximately 25 yards at most. Place brush piles along the west edge. Add drumming log spec.</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> aspen with mixed fir at full stocking.</p> <p><u>Regen:</u></p> <p><u>Other</u> Access is through stand 201 which will require road to be brush out. Approximately 50 yards will need to be cut through this stand at the road in to reach the wet drain. At the road end is a small opening in stand 201. Use this as the landing/turn-around. Will not be able to get trucks into the stand to be treated. Keep landing small as possible. Appraise unit as such if need be.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2020</p> | | | | | | | | | | |
| 207 71032207-Cut | 5.0 | 4131 - Aspen, Oak | Sawtimber Well | 89 | 81-110 | Harvest | Clearcut | 4131 - Aspen, Oak | Even-Aged | No |
| <p><u>Prescription</u> Final Harvest all trees to a two inch d.b.h. No retention due to stands small acreage.</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 and oak to moderate stocking.</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 /2020</p> | | | | | | | | | | |
| 211 71032211-Cut | 5.8 | 4125 - Black, N. Pin Oak | Sawtimber Well | 91 | 51-80 | Harvest | Clearcut | 4121 - Oak, Aspen | Even-Aged | No |
| <p><u>Prescription</u> Final harvest all species to a two inch diameter with no retention. Mark to leave any oak, red or white, that are over 20 inches in diameter</p> <p><u>Specs:</u> that will be good for mast production and are still healthy. Will be approximately 10 basal area average overall but some maybe in a spot where they are right next to each other.</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> A mixed stand of oak, maple, aspen, and pine of moderate stocking.</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 /2020</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 |
|---|-------|-------------------|----------------|-----------|----------|----------------|------------------|----------------------|---------------|-------------|
| 212 71032212-Cut | 12.5 | 4131 - Aspen, Oak | Sawtimber Well | 91 | 111-140 | Harvest | Clearcut | 4131 - Aspen, Oak | Even-Aged | No |
| <p><u>Prescription</u> Final harvest all species to a two inch d.b.h. No retention due to size and condition of current species.</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 with mixed oak and other deciduous to moderate stocking</p> <p><u>Other Comment:</u> A haul road or skid route will need to be created through Stand 213 to the west utilizing as much of the sparse areas as possible to reach this stand. Timber sale administrator will flag out route to be brushed out to reach stand. Would cut for the trail will be spread back out across the route upon completion of use to block vehicular traffic.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2020</p> | | | | | | | | | | |

Total Treatment Acreage Proposed: 395.5

Report 4 – Site Conditions

Roscommon Mgt. Unit

Doug Bates : Examiner

Compartment: 32

Year of Entry: 2021

Availability for Management

| Total Acres | Acres Available | Acres Avail | | Dominant Site Conditions | Dominant Site Conditions | | | | | | | | | | | | | |
|----------------|--------------------|----------------|---------------|-----------------------------|--------------------------|----|-----|-----|----|-----|----|----|----|----|----|----|----|---|
| | | With Condition | Not Available | | 2E | 2I | 5B | 5C | MC | 2G | 3A | 3D | 3E | 3K | 5A | 5E | | |
| 971 | 944 | 24 | 3 | Aspen | | | | 24 | | | | | | | | | | 3 |
| 19 | 16 | 0 | 2 | Bare/Sparsely Vegetated | | | | | | | | | | | | | | 2 |
| 172 | 172 | 0 | 0 | Bog | | | | | | | | | | | | | | 0 |
| 78 | 0 | 0 | 78 | Cedar | | | | | | 78 | | | | | | | | |
| 102 | 102 | 0 | 0 | Herbaceous Openland | | | | 0 | | | | | | | | | | |
| 70 | 41 | 15 | 14 | Jack Pine | | 10 | 3 | | 1 | 14 | | | | | | | | |
| 80 | 80 | 0 | 0 | Low-Density Trees | | | | | | | | | | | | | | |
| 10 | 10 | 0 | 0 | Lowland Aspen/Balsam Poplar | | | | | | | | | | | | | | |
| 46 | 0 | 0 | 46 | Lowland Conifers | | | | | | 27 | | | | | | | 19 | |
| 31 | 12 | 0 | 19 | Lowland Deciduous | | | | | | 19 | | | | | | | | |
| 84 | 38 | 0 | 46 | Lowland Mixed Forest | | | | | | 46 | | | | | | | | |
| 20 | 20 | 0 | 0 | Lowland Shrub | | | | | | | | | | | | | | |
| 58 | 58 | 0 | 0 | Marsh | | | | | | | | | | | | | | 0 |
| 410 | 329 | 37 | 44 | Mixed Upland Deciduous | | 9 | 28 | 0 | 0 | | | 29 | | | 13 | | | 1 |
| 39 | 10 | 0 | 29 | Natural Mixed Pines | | | | | | | 21 | 8 | | | | | | |
| 5 | 0 | 5 | 0 | Northern Hardwood | 5 | | | | | | | | | | | | | |
| 594 | 246 | 348 | 0 | Oak | | | 246 | 101 | 1 | | | | 0 | | | | | |
| 238 | 215 | 24 | 0 | Red Pine | | | 0 | 23 | 0 | | | | | | | | | 0 |
| 3 | 3 | 0 | 0 | Sand, Soil | | | | | | | | | | | | | | |
| 49 | 49 | 0 | 0 | Treed Bog | | | | | | | | | | | | | | |
| 104 | 87 | 15 | 1 | Upland Mixed Forest | | | | 15 | | | | | 1 | | | | | |
| 66 | 66 | 0 | 0 | Urban | | | 0 | | | | | | | | | | | |
| 17 | 17 | 0 | 0 | White Pine | | | | | | | | | | | | | | |
| 3,267 | 2,515 | 468 | 284 | Total Forested Acres | 5 | 19 | 277 | 164 | 3 | 185 | 21 | 37 | 1 | 13 | 19 | | 7 | |
| | 77% | 14% | 9% | 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 | Dominant Site Availability | Dominant Site Condition | Acres | Other Site Condition | Other Site Condition | Other Site Condition | Other Site Condition |
|------------------|--------------------|----------------------------|--|-------|----------------------|----------------------|----------------------|----------------------|
| 1 | Available | | 5C: Delay treatment for age/size class diversity or exceptional site quality | 17 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | | |

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Doug Bates : Examiner

Compartment: 32
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|---|-------------|--|----|-------------|-------------|-------------|-------------|
| 2 | Unavailable | 5E: Long-Term Retention | 1 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 3 | Available | 5C: Delay treatment for age/size class diversity or exceptional site quality | 24 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 4 | Unavailable | 3A: Conservation Values incompatible with harvest at this time | 21 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: This stand is leaning toward reaching old growth criteria. It would be better to hold this stand for conservation purposes. | | | | | | | |
| 5 | Available | 5C: Delay treatment for age/size class diversity or exceptional site quality | 15 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 6 | Unavailable | 2G: Too wet (sensitive soils, does not include access issues) | 75 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 7 | Available | 5B: Maintain for regeneration purposes | 11 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |

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|------------------|--------------------|---|----|-------------|-------------|-------------|-------------|
| 8 | Unavailable | 3D: Recreational / Scenic values | 37 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 9 | Available | Minor Change in Acreage | 1 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 10 | Available | 5B: Maintain for regeneration purposes | 89 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 11 | Available | 5B: Maintain for regeneration purposes | 6 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 12 | Available | Minor Change in Acreage | 1 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 13 | Available | 5C: Delay treatment for age/size class diversity or exceptional site quality | 23 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 14 | Unavailable | 5E: Long-Term Retention | 1 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |

Report 4 – Site Conditions

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Doug Bates : Examiner

Compartment: 32
Year of Entry: 2021

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|------------------|-------------|---|----|--|-------------|-------------|-------------|
| 15 | Unavailable | 5E: Long-Term Retention | 2 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 16 | Unavailable | 5E: Long-Term Retention | 0 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 17 | Unavailable | 5E: Long-Term Retention | 0 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 18 | Unavailable | 3K: Rare or unique landforms | 13 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 19 | Unavailable | 2G: Too wet (sensitive soils, does not include access issues) | 96 | 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area) | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 20 | Available | 5B: Maintain for regeneration purposes | 4 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 21 | Available | 5B: Maintain for regeneration purposes | 4 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |

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|------------------|--------------------|--|----|--|-------------|-------------|-------------|
| 22 | Unavailable | 5A: Not able to obtain desirable regeneration | 19 | 2G: Too wet (sensitive soils, does not include access issues) | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 23 | Available | 5B: Maintain for regeneration purposes | 3 | 2E: Road needed | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 24 | Available | 5B: Maintain for regeneration purposes | 6 | 5C: Delay treatment for age/size class diversity or exceptional site quality | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 25 | Available | 5B: Maintain for regeneration purposes | 17 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 26 | Available | 5B: Maintain for regeneration purposes | 14 | 4A: No Markets Available for these Forest Products | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 27 | Unavailable | 5E: Long-Term Retention | 1 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |

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|------------------|--------------------|---|-----|--|-------------|-------------|-------------|
| 28 | Available | 5C: Delay treatment for age/size class diversity or exceptional site quality | 85 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 29 | Unavailable | 2G: Too wet (sensitive soils, does not include access issues) | 14 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 30 | Available | 5B: Maintain for regeneration purposes | 23 | 5C: Delay treatment for age/size class diversity or exceptional site quality | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 31 | Available | 2I: Survey needed | 19 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 33 | Available | 2E: Road needed | 5 | 5B: Maintain for regeneration purposes | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 35 | Available | 5B: Maintain for regeneration purposes | 103 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |

Report 4 – Site Conditions

Roscommon Mgt. Unit

Doug Bates : Examiner

Compartment: 32

Year of Entry: 2021

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|------------------|-------------|--|---|-------------|-------------|-------------|-------------|
| 40 | Unavailable | 5E: Long-Term Retention | 2 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 41 | Unavailable | 5E: Long-Term Retention | 0 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 42 | Unavailable | 5E: Long-Term Retention | 0 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |
| 45 | Unavailable | 3E: Easement / lease, non-military (e.g.- Consumers Power red pine, etc) | 1 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: | | | | | | | |

Mgt. Unit

Compartment: #Type!

Year of Entry:



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

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

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

Comments



Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS

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

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

| Conservation Area | Type | Description |
|-------------------|-----------------------------|--|
| SCA | Cold Water Lake | A coldwater lake has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species to persist from year to year. Suitable conditions for coldwater fishes may occur in Michigan lakes if they are relatively deep, have substantial groundwater inflows, or are located in colder (northern) areas of the state. Such lakes are established by Director's action and designated as trout resources by Fisheries Order 200. |
| SCA | Cold Water Stream | A coldwater stream has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species (e.g., slimy sculpin) to persist from year to year. Coldwater streams in Michigan typically provide these conditions due to substantial contributions of groundwater to their stream flows. Such streams are established by Director's action and designated as trout resources by Fisheries Order 210. |
| SCA | Research and Military Areas | These areas provide facilities and lands specifically dedicated for research, or other purposes. They include the 5,847 acre Forest Fire Experiment Station, the 12,000 acre Houghton Lake Wildlife Research Area, the Beaver Islands Archipelago Wildlife Research Area (that includes most of Garden Island, all of High and Hog Islands, all state owned land on Beaver, South Fox and North Fox Islands), the Cusino Wildlife Research Area, the 3,000 acre Hunt Creek Fisheries Research Station, the 125 acre Wyman Nursery, and over 144,000 acres of Military Lands. |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|--|--|----------------|-----------|-------------|--------------|--|-----------|----|--------------|----|-----|------------------------|----|----------|----|-----|----------------|----|---|--------------------|---------|-------------|------|---|--------------------|----------|-------------|------|---|--------------------|--------------|-------------|------------|-----------|----------|----------|-----------|------------|--------------|----------|------------|-------------|----------|-------------|----------------|-------|----------|---------|--|--|
| 1 | 6230 - Cattail | Nonstocked | 1.9 | | Unspecified | No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 4191 - Mixed Upland Deciduous with Conifer | Sawtimber Well | 29.4 | 108 | 81-110 | N/A | Mixed upland stand, mostly pine and oak. The canopy is relatively open and the understory is in various stages of development, but growing well. The stand's black oak is starting to decline at a decent pace with its age. Stand was managed in the past with thinnings. Stump sprouted maple is uniformly scattered about ranging from poles to saplings sizes. Does have numerous walking trails throughout stand that tie into a trail system on Township property it adjoins at the south end. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | <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>30</td> <td>Log/Pole/Sap</td> <td>10</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>38</td> <td>Log/XLog</td> <td>15</td> <td>108</td> </tr> <tr> <td>White Pine</td> <td>18</td> <td>Log/Pole/Sap</td> <td>10</td> <td></td> </tr> </tbody> </table> | Canopy Species | % Cover | Size Class | DBH | Age | Red Maple | 30 | Log/Pole/Sap | 10 | | Black/Red (Hybrid) Oak | 38 | Log/XLog | 15 | 108 | White Pine | 18 | Log/Pole/Sap | 10 | | | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Bigtooth Aspen</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>High</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table> | Sub-Canopy Species | Density | Avg. Height | Size | Bigtooth Aspen | Low | 10 - 20 feet | Sapling | White Pine | Medium | Variable | Sapling | Red Maple | High | 10 - 20 feet | Sapling | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 30 | Log/Pole/Sap | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | 38 | Log/XLog | 15 | 108 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 18 | Log/Pole/Sap | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Medium | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | High | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 110 - Low Intensity Urban | Nonstocked | 22.9 | | | No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 4124 - Red with White Oak | Sawtimber Well | 84.9 | 103 | 81-110 | N/A | Stand had a shelterwood harvest done in the winter of 1999/200 removing all aspen, red maple, and marked oak trees. Decent regeneration of oak overall. Dense in several areas but is found all over the stand in some sort of density. The red maple is heavy to but not found over the whole stand like the oak. White pine is the same by being found in certain areas but not real heavy. The stand could be treat but recommend holding off one more rotation. This compartment is heavily surrounded by urban interface and there are several other treatments prescribed with higher needs. There is no sign of heavy decline in the past couple years like other oak stands in the area. The stand will hold and currently did not find an signs of oak wilt either but will monitor periodically and treat if found before next rotation. This will also stagger oak age classes in the area. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Oak</td> <td>70</td> <td>Log</td> <td>14</td> <td>103</td> </tr> <tr> <td>White Oak</td> <td>24</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>White Pine</td> <td>6</td> <td>Pole</td> <td>6</td> <td></td> </tr> </tbody> </table> | Canopy Species | % Cover | Size Class | DBH | Age | Red Oak | 70 | Log | 14 | 103 | White Oak | 24 | Log/Pole | 12 | | White Pine | 6 | Pole | 6 | | | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>High</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Red Oak</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Oak</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>Trace</td> <td>>20 feet</td> <td>Sapling</td> </tr> </tbody> </table> | Sub-Canopy Species | Density | Avg. Height | Size | Red Maple | High | Variable | Sapling | Red Oak | Medium | Variable | Sapling | White Oak | Low | Variable | Sapling | White Pine | Low | Variable | Sapling | Bigtooth Aspen | Trace | >20 feet | Sapling | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Oak | 70 | Log | 14 | 103 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | 24 | Log/Pole | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 6 | Pole | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | High | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Oak | Medium | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | Trace | >20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 4191 - Mixed Upland Deciduous with Conifer | Sapling Well | 15.8 | 9 | Immature | N/A | This stand was final harvested in 2010. Regenerating adequately, but there is heavy browse. Scattered super canopy oak and red maple. There is a ditch that runs roughly east and west through the stand. Forest road bisecting stand but is not used and growing in nd has wet holes in places. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | <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>50</td> <td>Sapling</td> <td>2</td> <td>9</td> </tr> <tr> <td>Quaking Aspen</td> <td>30</td> <td>Sapling</td> <td>2</td> <td>9</td> </tr> </tbody> </table> | Canopy Species | % Cover | Size Class | DBH | Age | Red Maple | 50 | Sapling | 2 | 9 | Quaking Aspen | 30 | Sapling | 2 | 9 | | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Leatherleaf</td> <td>High</td> <td>< 5 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table> | Sub-Canopy Species | Density | Avg. Height | Size | Leatherleaf | High | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 50 | Sapling | 2 | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 30 | Sapling | 2 | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Leatherleaf | High | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | 3102 - Grass | Nonstocked | 0.5 | | | No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | 4191 - Mixed Upland Deciduous with Conifer | Sawtimber Well | 9.0 | 100 | 81-110 | N/A | Mature aspen and oak stand mixed with red maple and super canopy pine. The stand borders private property on two sides. This is only stand of its kind in the compartment and it adds good diversity, the rest of the adjoining stands are young aspen. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>16</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Red Oak</td> <td>24</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>30</td> <td>Log</td> <td>14</td> <td>100</td> </tr> <tr> <td>White Pine</td> <td>10</td> <td>XLog/Log</td> <td>18</td> <td></td> </tr> </tbody> </table> | Canopy Species | % Cover | Size Class | DBH | Age | Red Maple | 16 | Log/Pole | 10 | | Red Oak | 24 | Log | 14 | | Bigtooth Aspen | 30 | Log | 14 | 100 | White Pine | 10 | XLog/Log | 18 | | | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>High</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Witch Hazel</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table> | Sub-Canopy Species | Density | Avg. Height | Size | Red Maple | Medium | Variable | Sapling | White Pine | High | Variable | Sapling | Witch Hazel | Low | 5 - 10 feet | Tall Shrub | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 16 | Log/Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Oak | 24 | Log | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 30 | Log | 14 | 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 10 | XLog/Log | 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Medium | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | High | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Witch Hazel | Low | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----------------------------|-----------------|------------|------------|----------|--------------|---|----|--------------|----|----|---|----|--------------------|---------|-------------|---|-----------|--------------------|----------|-------------|--|-----------|--------------------|----------|-------------|---|-----------|--------------------|----------|-------------|------------|-----------|----------|----------|---------|------------|--------|-------------|------------|-------------|--------|----------|------------|
| 8 | 4130 - Aspen | Poletimber Well | 4.1 | 33 | 81-110 | N/A | Aspen stand that was regenerated in 1986. Very good quality bigtooth stand. on the high end of basal area scale. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <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>90</td> <td>Pole/Sap/Log</td> <td>7</td> <td>33</td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Bigtooth Aspen | 90 | Pole/Sap/Log | 7 | 33 | <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>Variable</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Red Maple | Medium | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 90 | Pole/Sap/Log | 7 | 33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Medium | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | 42120 - Planted Jack Pine | Poletimber Well | 10.4 | 64 | 81-110 | N/A | Pole size jack pine stand with dense red maple understory. Final harvest stand. Let come back to jack pine and red maple. If stocking not there plant to jack pine. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | 85 | Pole/Log | 8 | 64 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | 10 | Pole/Log | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | High | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 4130 - Aspen | Poletimber Well | 7.0 | 33 | 81-110 | N/A | Aspen stand was regenerated in 1987. Very nice stand. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>15</td> <td>Sapling/Pole</td> <td>3</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>22</td> <td>Pole/Sapling</td> <td>7</td> <td>33</td> </tr> <tr> <td>Quaking Aspen</td> <td>63</td> <td>Pole/Sapling</td> <td>6</td> <td>33</td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Red Maple | 15 | Sapling/Pole | 3 | | Bigtooth Aspen | 22 | Pole/Sapling | 7 | 33 | Quaking Aspen | 63 | Pole/Sapling | 6 | 33 | <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>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Red Maple | High | Variable | Sapling | White Pine | Low | Variable | Sapling | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 15 | Sapling/Pole | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 22 | Pole/Sapling | 7 | 33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 63 | Pole/Sapling | 6 | 33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | High | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | 110 - Low Intensity Urban | Nonstocked | 2.5 | | | No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | 6113 - Lowland Maple | Sawtimber Well | 17.0 | 81 | 81-110 | N/A | Lowland stand, mostly red maple and aspen. The red maple has some nice sawlogs. The stand is very difficult to access for one and is wet over most of it and could lead to BMP issues if try to harvest. Stand is doing good on its own and has good regeneration so leave stand only. Couple man-made drainage's ditches traverse the stand in different directions. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>10</td> <td>Log/XLog</td> <td>14</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>60</td> <td>Log/Pole/Sap</td> <td>12</td> <td>81</td> </tr> <tr> <td>Quaking Aspen</td> <td>20</td> <td>Log</td> <td>13</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>10</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | White Pine | 10 | Log/XLog | 14 | | Red Maple | 60 | Log/Pole/Sap | 12 | 81 | Quaking Aspen | 20 | Log | 13 | | Jack Pine | 10 | Log/Pole | 10 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>High</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Tag Alder</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 | High | Variable | Sapling | Tag Alder | Medium | 5 - 10 feet | Tall Shrub | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 10 | Log/XLog | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 60 | Log/Pole/Sap | 12 | 81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 20 | Log | 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | 10 | Log/Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | High | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tag Alder | Medium | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | 4130 - Aspen | Sapling Well | 24.1 | 23 | Immature | N/A | Quaking aspen stand that was regenerated in 1996 or 1997. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <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>10</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>70</td> <td>Sapling</td> <td>3</td> <td>23</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>15</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Red Maple | 10 | Sapling | 2 | | Quaking Aspen | 70 | Sapling | 3 | 23 | Bigtooth Aspen | 15 | Sapling/Pole | 4 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>High</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Red Maple | High | Variable | Sapling | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 10 | Sapling | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 70 | Sapling | 3 | 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 15 | Sapling/Pole | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | High | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | 42290 - Natural Mixed Pine | Sawtimber Well | 10.4 | 86 | 51-80 | N/A | Upland site with some lowland pockets on the east side. Mostly red pine with some oak, aspen, and birch. High density of red maple in understory. A final harvest is not recommended nor is the basal area there for a thinning. Recommend letting stand go couple more rotation, many of the red pines are poles or small logs and will hold. This will allow the maple to increase in size and can manage for crop trees in the future. The east side is wetter and more jack pine. Hard to get to without coming from west. The pine is dying out but red maple coming in. Let jack pine dieout and seed in where it does. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <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>15</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>8</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>40</td> <td>Log/Pole</td> <td>12</td> <td>86</td> </tr> <tr> <td>Jack Pine</td> <td>27</td> <td>Log/Pole</td> <td>10</td> <td>86</td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Red Maple | 15 | Pole/Sapling | 6 | | Quaking Aspen | 8 | Pole/Log | 9 | | Red Pine | 40 | Log/Pole | 12 | 86 | Jack Pine | 27 | Log/Pole | 10 | 86 | <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>Variable</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Leatherleaf</td> <td>Medium</td> <td>< 5 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Red Maple | High | Variable | Sapling | Balsam Fir | Low | Variable | Sapling | Leatherleaf | Medium | < 5 feet | Tall Shrub |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 15 | Pole/Sapling | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 8 | Pole/Log | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 40 | Log/Pole | 12 | 86 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | 27 | Log/Pole | 10 | 86 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | High | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Leatherleaf | Medium | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|-----------------|------------|------------|-------------|--------------|--|----|--------------|---|----|---------------|----|--------------|---|----|---|----|--------------------|---------|-------------|---|-----------|--------------------|-------------|-------------|---|-----------|--------------------|------------|-------------|------------|-----------|----------|----------|-------------|------|----------|------------|
| 15 | 6117 - Lowland Deciduous, Mixed Coniferous | Poletimber Well | 7.0 | 57 | 51-80 | N/A | Lowland stand with a supercanopy of red/white pine. The dominate canopy is pole/sapling sized maple, with some aspen and oak. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 55 | Pole/Sap/Log | 6 | 57 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 10 | Pole/Log | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 25 | Log | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Medium | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Leatherleaf | High | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | 6225 - Bog | Nonstocked | 129.6 | | | No | Leatherleaf, grass, scattered jack pine, quaking aspen and alder. Narrow gauge railroad bed runs along the top line. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | 4130 - Aspen | Sapling Well | 9.7 | 23 | Immature | N/A | Aspen mixed with oak, red maple and some conifer it was harvested in '96 or '97 the cutting specs included all aspen with at least one merchantable stick, all maple, and all orange marked oak. About 20 basal area average of mature oaks left with some white pine. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 17 | Sapling | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 22 | Sapling/Pole | 3 | 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | 15 | Log | 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 38 | Sapling/Pole | 4 | 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | High | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | 4130 - Aspen | Poletimber Well | 13.2 | 33 | 111-140 | N/A | Aspen and red maple stand that was regenerated in 1986. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 15 | Sapling/Pole | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 80 | Pole/Sapling | 5 | 33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | High | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | 4130 - Aspen | Poletimber Well | 12.8 | 33 | 81-110 | N/A | Seasonally wet aspen stand that was regenerated in 1986. Red maple understory and scattered oak. Decent aspen regeneratin. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <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>10</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>90</td> <td>Pole/Sapling</td> <td>6</td> <td>33</td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Red Maple | 10 | Sapling | 3 | | Quaking Aspen | 90 | Pole/Sapling | 6 | 33 | <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>Variable</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Red Maple | Medium | Variable | Sapling | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 10 | Sapling | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 90 | Pole/Sapling | 6 | 33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Medium | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | 4130 - Aspen | Poletimber Well | 25.5 | 33 | 81-110 | N/A | Aspen stand that was regenerated in 1986. There is a very small amount of white pine present. Good aspen regeneration. Less maple in understory. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 21 | Pole/Sapling | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 72 | Pole/Sapling | 7 | 33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Medium | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Serviceberry (Juneberry) | Low | Variable | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | 6112 - Lowland Aspen | Sapling Well | 8.4 | 23 | Immature | N/A | Wet aspen stand that was regenerated in 1996 or 1997. The east edge is wetter yet and looks like was not treated. pole sized maples over here. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>30</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>70</td> <td>Sapling</td> <td>3</td> <td>23</td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Red Maple | 30 | Sapling/Pole | 4 | | Quaking Aspen | 70 | Sapling | 3 | 23 | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Tag Alder | Low | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 30 | Sapling/Pole | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 70 | Sapling | 3 | 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tag Alder | Low | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | 310 - Herbaceous Openland | Nonstocked | 8.4 | 0 | Unspecified | No | Stand final harvested in the Fall 2017. Planted to red pine in the spring 2019. Wildlife division did not plant outer perimeter in oak. Want 80% FTG and do have some spotty aspen coming in. Release spray next summer. First year regeneration check found 85% red pine mortality, poor trenches, and aspen filling in. Change M.O. to aspen otherwise will have to roller chop, spray, and retrench if want to be red pine. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | |
|------------------------|-------------------------------------|-----------------|-------------------|------------|------------|---------------------------|--|--|
| 24 | 4319 - Mixed Upland Forest | Poletimber Well | 15.3 | 116 | 111-140 | N/A | Mixed stand with mature red, jack and white pine, the jack pine is mostly in the south and west part of the stand. There is a pole class of red maple and quaking aspen. A good percentage of the red and white pine are over the desirable d.b.h. for product already and the maple and aspen at the south end has some time yet. Let go till another adjacent stand is ready to treat to warrant,doing road opening/improvements to get to the stands. | |
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | | |
| Red Maple | | 29 | Pole | 6 | 51 | Red Maple | | |
| Quaking Aspen | | 18 | Pole | 8 | 51 | Medium | | |
| White Pine | | 15 | XLog/Log | 19 | | Variable | | |
| Red Pine | | 30 | XLog/Log | 19 | 116 | Sapling | | |
| 25 | 4130 - Aspen | Sapling Well | 10.5 | 23 | 1-50 | N/A | Aspen stand with red maple developing in the understory, it is less than 1" dbh. | |
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | | |
| Red Maple | | 23 | Sapling | 3 | | Red Maple | | |
| Quaking Aspen | | 70 | Sapling/Pole | 4 | 23 | Medium | | |
| | | | | | | 10 - 20 feet | | |
| | | | | | | Sapling | | |
| 26 | 4130 - Aspen | Sapling Well | 16.1 | 23 | 1-50 | N/A | Seasonally wet aspen stand that was regenerated in 1996 or 1997. Red maple and oak from stump sprouts, red maple single stems are developing but are smaller than the stump sprouts. | |
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | | |
| Red Maple | | 20 | Sapling | 3 | | | | |
| Quaking Aspen | | 70 | Sapling/Pole | 4 | 23 | | | |
| Black/Red (Hybrid) Oak | | 10 | Sapling | 2 | | | | |
| 27 | 4130 - Aspen | Sapling Well | 15.3 | 23 | Immature | N/A | Stand was regenerated in 1996 or 1997. Doing good regeneration wise. Aspen doing well, have a fair amount of maple coming in in understory along with witch hazel. | |
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | | |
| Red Maple | | 16 | Sapling | 2 | | Red Maple | | |
| Quaking Aspen | | 52 | Sapling/Pole | 4 | 23 | Witch Hazel | | |
| Bigtooth Aspen | | 29 | Sapling/Pole | 4 | | Low | | |
| | | | | | | 5 - 10 feet | | |
| | | | | | | Tall Shrub | | |
| 28 | 4199 - Other Mixed Upland Deciduous | Poletimber Well | 5.8 | 55 | 81-110 | N/A | Seasonally wet aspen and red maple. The stand looks like a remnant from the regeneration harvest to the north. | |
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | | |
| Red Maple | | 50 | Pole/Log | 8 | 55 | Red Maple | | |
| Quaking Aspen | | 35 | Log | 13 | 101 | Balsam Fir | | |
| Jack Pine | | 10 | Log | 11 | | Low | | |
| | | | | | | Variable | | |
| | | | | | | Sapling | | |
| 29 | 4130 - Aspen | Poletimber Well | 35.1 | 33 | 81-110 | N/A | Seasonally wet aspen stand that was regenerated in 1986. | |
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | | |
| Red Maple | | 20 | Pole/Sapling | 5 | | Red Maple | | |
| Quaking Aspen | | 80 | Pole/Sapling | 5 | 33 | Balsam Fir | | |
| | | | | | | High | | |
| | | | | | | Variable | | |
| | | | | | | Sapling | | |
| 30 | 4130 - Aspen | Poletimber Well | 18.3 | 33 | 81-110 | N/A | Aspen stand that was regenerated in 1986, seasonally wet. Decent regeneration of all species. Dense stand. | |
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | | |
| Quaking Aspen | | 80 | Pole/Sapling | 6 | 33 | Balsam Fir | | |
| Red Maple | | 15 | Pole/Sapling | 5 | | Red Maple | | |
| | | | | | | Low | | |
| | | | | | | Variable | | |
| | | | | | | Sapling | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------------------------------|-------------------|------------|------------|----------|--------------|--|----|--------------|----|--|----------------------|----|--------------|----|-----|----------------------|----|--------------|----|-----|---|----|--------------------|---------|-------------|--|------------|--------------------|----------|-------------|---|-------|--------------------|------------|-------------|------------|-------------|------------|-------------|------------|--------------|--------------|----------|---------|--|--|--|
| 31 | 4134 - Aspen, Spruce/Fir | Sapling Well | 6.7 | 23 | Immature | N/A | Seasonally wet aspen stand that was regenerated in 1996 or 1997. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <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>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>45</td> <td>Sapling</td> <td>3</td> <td>23</td> </tr> <tr> <td>Balsam Fir</td> <td>35</td> <td>Sapling</td> <td>3</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Red Maple | 20 | Sapling | 2 | | Quaking Aspen | 45 | Sapling | 3 | 23 | Balsam Fir | 35 | Sapling | 3 | | <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>Variable</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Red Maple | High | Variable | Sapling | | | | | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 20 | Sapling | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 45 | Sapling | 3 | 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 35 | Sapling | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | High | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32 | 6120 - Lowland Cedar | Poletimber Poor | 55.9 | 120 | 51-80 | N/A | The ash is all dead but is resprouting but for how long is anybody's guess. There is a poor road that needs work that comes with a ¼ mile of the stand we would need to build new road over low hummocky ground for access. The understory has red maple and balsam fir so leave it alone so the stand will continue to regenerate. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <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>18</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>27</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>55</td> <td>Pole</td> <td>6</td> <td>120</td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Red Maple | 18 | Pole/Log | 8 | | Balsam Fir | 27 | Pole/Sapling | 5 | | Northern White Cedar | 55 | Pole | 6 | 120 | <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>Variable</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Tag Alder</td> <td>High</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Red Maple | Medium | Variable | Sapling | Balsam Fir | Low | Variable | Sapling | Tag Alder | High | 5 - 10 feet | Tall Shrub | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 18 | Pole/Log | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 27 | Pole/Sapling | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern White Cedar | 55 | Pole | 6 | 120 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Medium | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tag Alder | High | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 33 | 6120 - Lowland Cedar | Poletimber Medium | 17.4 | 100 | 51-80 | N/A | Ash is dead, sparse scattered cedar in poor quality. Balsam fir is main regenerating species besides the dense tag alder. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 38 | Pole | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern White Cedar | 52 | Pole/Log | 8 | 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 10 | Pole/Sap/Log | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | Medium | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tag Alder | Full | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 34 | 6224 - Treed Bog | Nonstocked | 19.3 | | | No | Has about 2-3 acre island of higher ground on west side that is small diameter spruce, fir, maple | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 35 | 4130 - Aspen | Poletimber Well | 36.2 | 23 | 1-50 | N/A | Aspen stand that was regenerated in 1996 or 1997 with good stockings of both species. Maple and oak mixed in. The west 1/4 of the stand is lower ground and had some pockets of standing water. Has fair amount of spruce and balsam fir regeneration. Some pockets of merchantable spruce left because to wet. Find oak and maple in with the spruce/fir also. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 10 | Sapling/Pole | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 50 | Pole/Sapling | 5 | 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 22 | Sapling/Pole | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | 8 | Pole/Sapling | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | 6 | Sapling/Pole | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tag Alder | Low | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 36 | 4199 - Other Mixed Upland Deciduous | Sawtimber Well | 13.1 | 119 | 111-140 | N/A | The stand is mature upland, mostly red oak, red maple, big tooth aspen and a small amount of white oak. There is scattered hemlock pockets in the stand with the largest being 1-2 acres in size at the north part of the stand. The red oak and aspen are high quality. The understory is white pine which is dense in many places. Small amounts of red maple and beech in regeneration also. Unique stand with very large oaks that would be more beneficial to leave for mast and move the white pine along rather than cut. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 30 | Log/Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Oak | 46 | XLog/Log | 19 | 119 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 9 | Log | 11 | 60 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hemlock | 10 | Log/Pole | 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Beech | Trace | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Medium | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 37 | 122 - Road/Parking Lot | Nonstocked | 0.0 | | | No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|----------------|---------|------------|----------|--------------|---|-----------|----|--------------|----|----|---------------|----|---------------|----|-----|------------------------|----|--------------|----|-----|--|----|--------------------|---------|-------------|---|-----------|--------------------|----------|-------------|------------|-----------|----------|----------|------------|------------------------|----------|----------|---------|------------|-----|----------|---------|
| 38 | 4199 - Other Mixed Upland Deciduous | Sawtimber Well | 8.4 | 119 | 111-140 | N/A | Red oak stand with maple, quaking aspen and a dense white pine understory. There are small amounts of log size white oak, red pine, bigtooth aspen and white pine. The quaking aspen is declining. Final harvest stand to restart the aspen and open up overstory for white pine. Leave all white oak and pine. Cut all species to 2 inches except oak. Cut no red oak over 24 inches d.b.h. or under merchantable d.b.h. No retention. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <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>32</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Red Oak</td> <td>47</td> <td>Log/Pole/XLog</td> <td>15</td> <td>119</td> </tr> <tr> <td>Quaking Aspen</td> <td>17</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | | Red Maple | 32 | Log/Pole | 10 | | Red Oak | 47 | Log/Pole/XLog | 15 | 119 | Quaking Aspen | 17 | Log/Pole | 10 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Low</td> <td>Variable</td> <td>Pole</td> </tr> <tr> <td>Balsam Fir</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>High</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Red Maple | Low | Variable | Pole | Balsam Fir | Low | Variable | Sapling | White Pine | High | Variable | Sapling | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 32 | Log/Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Oak | 47 | Log/Pole/XLog | 15 | 119 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 17 | Log/Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Low | Variable | Pole | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | High | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 39 | 4191 - Mixed Upland Deciduous with Conifer | Sawtimber Well | 14.1 | 93 | 51-80 | N/A | Was thinned in the winter 2016. Removed all the aspen and thinned the oak, maple, and pine down to a 50-70 basal area. The predominate regeneration is white pine followed closely by red maple. The overstory left is very large pines and oaks which are declining. Best to let this stand go and let the regeneration come in. Trying to remove the large trees would damage it too much and not much call for the sized trees left. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <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>35</td> <td>Pole/Log/Sap</td> <td>8</td> <td></td> </tr> <tr> <td>Red Oak</td> <td>36</td> <td>Log</td> <td>14</td> <td>93</td> </tr> <tr> <td>White Pine</td> <td>11</td> <td>Log/XLog</td> <td>17</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | | Red Maple | 35 | Pole/Log/Sap | 8 | | Red Oak | 36 | Log | 14 | 93 | White Pine | 11 | Log/XLog | 17 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Red Maple | Medium | Variable | Sapling | White Pine | Medium | Variable | Sapling | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 35 | Pole/Log/Sap | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Oak | 36 | Log | 14 | 93 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 11 | Log/XLog | 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Medium | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Medium | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40 | 6232 - Wet Prairie | Nonstocked | 14.1 | | | No | Grass and leatherleaf. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 41 | 6232 - Wet Prairie | Nonstocked | 9.5 | | Immature | No | lowland grass meadow. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 42 | 310 - Herbaceous Openland | Nonstocked | 2.4 | 0 | | No | R.O.W. for buried high pressure gas line. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 43 | 42220 - Natural Jack Pine | Sapling Medium | 7.6 | 23 | Immature | N/A | Appears to be natural jack pine with some mixed deciduous that was regenerated in 1997, there are no records or evidence of planting. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <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>Jack Pine</td> <td>80</td> <td>Sapling</td> <td>3</td> <td>23</td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | | Jack Pine | 80 | Sapling | 3 | 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | 80 | Sapling | 3 | 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 44 | 4132 - Aspen, Jack Pine | Sapling Well | 34.2 | 23 | Immature | N/A | Aspen stand that was regenerated in 1997. Lower quality aspen with a decent amount of oak then maple mixed in. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <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>11</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>40</td> <td>Sapling/Pole</td> <td>4</td> <td>23</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>26</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>21</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | | Red Maple | 11 | Sapling/Pole | 4 | | Quaking Aspen | 40 | Sapling/Pole | 4 | 23 | Black/Red (Hybrid) Oak | 26 | Sapling/Pole | 4 | | Jack Pine | 21 | Sapling/Pole | 4 | | | | | | | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 11 | Sapling/Pole | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 40 | Sapling/Pole | 4 | 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | 26 | Sapling/Pole | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | 21 | Sapling/Pole | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 45 | 4199 - Other Mixed Upland Deciduous | Sawtimber Well | 6.1 | 90 | 51-80 | N/A | Mixed stand with aspen, maple, oak and pine. Mostly low quality timber except for the red pine which is mostly in the west. The stand seasonally wet especially in the west part of the stand. The stand is mature and ready to treat. Decent amount of aspen plus lower quality black oak so should get stump sprouting. Final harvest stand. Leave retention as retention along the bog on the west side. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <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>25</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>38</td> <td>Log/Pole</td> <td>11</td> <td>90</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>25</td> <td>Log</td> <td>14</td> <td>103</td> </tr> <tr> <td>Jack Pine</td> <td>10</td> <td>Pole/Log</td> <td>9</td> <td>103</td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | | Red Maple | 25 | Pole | 7 | | Quaking Aspen | 38 | Log/Pole | 11 | 90 | Black/Red (Hybrid) Oak | 25 | Log | 14 | 103 | Jack Pine | 10 | Pole/Log | 9 | 103 | <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>Variable</td> <td>Sapling</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Red Maple | Medium | Variable | Sapling | Black/Red (Hybrid) Oak | Low | Variable | Sapling | White Pine | Low | Variable | Sapling |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 25 | Pole | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 38 | Log/Pole | 11 | 90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | 25 | Log | 14 | 103 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | 10 | Pole/Log | 9 | 103 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Medium | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------------------------------|-------------------|---------|------------|----------|--------------|--|----|--------------|----|----|------------------------|----|--------------|----|----|------------------------|----|--------------|----|--|---|----|--------------------|---------|-------------|--|-----------|--------------------|--------------|-------------|--------------|-----------|----------|----------|------------------------|-----------|----------|----------|---------|---------------|-----|----------|---------|------------------------|--------|----------|---------|------------|--------|----------|---------|
| 46 | 4131 - Aspen, Oak | Poletimber Well | 26.9 | 43 | 81-110 | N/A | Aspen stand with oak looks to have been regenerated 35-40 years ago. Decent oak component. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 13 | Pole/Sapling | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 59 | Pole/Sap/Log | 8 | 43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | 28 | Pole/Log/Sap | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | High | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 | 4199 - Other Mixed Upland Deciduous | Poletimber Medium | 11.6 | 49 | 51-80 | N/A | Oak with mixed deciduous stand that was regenerated in 1986. Portions of the stand was not cut, left large oaks and overmature aspen that are now declining and a good number have died in the past couple years. The stand is regenerating and has regeneration in the understory but overall the stand is of poor quality. Best to cut again to get the aspen to restart and salvage some of the oak. Cut all to two inches but oak. Cut this to 4.5 inches. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <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>15</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>30</td> <td>Log/Pole/Sap</td> <td>10</td> <td>95</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>10</td> <td>Log</td> <td>17</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>40</td> <td>Pole/Sap/Log</td> <td>9</td> <td>49</td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Red Maple | 15 | Pole/Sapling | 6 | | Quaking Aspen | 30 | Log/Pole/Sap | 10 | 95 | Black/Red (Hybrid) Oak | 10 | Log | 17 | | Black/Red (Hybrid) Oak | 40 | Pole/Sap/Log | 9 | 49 | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Oak</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Quaking Aspen</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Pin Cherry</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Red Maple | Low | Variable | Sapling | White Oak | Low | Variable | Sapling | Quaking Aspen | Low | Variable | Sapling | Black/Red (Hybrid) Oak | Medium | Variable | Sapling | Pin Cherry | Medium | Variable | Sapling |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 15 | Pole/Sapling | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 30 | Log/Pole/Sap | 10 | 95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | 10 | Log | 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | 40 | Pole/Sap/Log | 9 | 49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | Medium | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pin Cherry | Medium | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 48 | 4130 - Aspen | Sapling Well | 2.9 | 23 | Immature | N/A | Aspen stand that was regenerated in 1997. Low quality aspen, still not in pole size yet. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>85</td> <td>Sapling</td> <td>3</td> <td>23</td> </tr> <tr> <td>Northern Pin Oak</td> <td>10</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Quaking Aspen | 85 | Sapling | 3 | 23 | Northern Pin Oak | 10 | Sapling/Pole | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 85 | Sapling | 3 | 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | 10 | Sapling/Pole | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 49 | 4130 - Aspen | Poletimber Well | 4.4 | 23 | 1-50 | N/A | Aspen stand that was regenerated in 1997. Oak is from sprouts and individual stems. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <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>13</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>75</td> <td>Pole/Sapling</td> <td>5</td> <td>23</td> </tr> <tr> <td>Northern Pin Oak</td> <td>10</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Red Maple | 13 | Sapling/Pole | 4 | | Quaking Aspen | 75 | Pole/Sapling | 5 | 23 | Northern Pin Oak | 10 | Sapling/Pole | 4 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>High</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Red Maple | High | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 13 | Sapling/Pole | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 75 | Pole/Sapling | 5 | 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | 10 | Sapling/Pole | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | High | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 50 | 42110 - Planted Red Pine | Sawtimber Well | 5.2 | 54 | 111-140 | N/A | Stand thinned fall 2017. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <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>90</td> <td>Log/Pole</td> <td>10</td> <td>54</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>10</td> <td>Log</td> <td>12</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Red Pine | 90 | Log/Pole | 10 | 54 | Black/Red (Hybrid) Oak | 10 | Log | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 90 | Log/Pole | 10 | 54 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | 10 | Log | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 51 | 42110 - Planted Red Pine | Sawtimber Well | 7.8 | 54 | 111-140 | N/A | Stand thinned in fall 2017. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <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>92</td> <td>Log/Pole</td> <td>10</td> <td>54</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>8</td> <td>Log</td> <td>14</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Red Pine | 92 | Log/Pole | 10 | 54 | Black/Red (Hybrid) Oak | 8 | Log | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 92 | Log/Pole | 10 | 54 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | 8 | Log | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 52 | 310 - Herbaceous Openland | Nonstocked | 8.1 | 0 | | No | Stand final harvested fall 2017. The oak and red maple seedlings are being hit hard by the deer. No jack pine seedlings yet. The tops were kept below 24 inches but they were wind-rowed to much. In their current state they are to dense to trench through. Run the disc scarifier over the site to breakup the piles and distribute the jack pine cones present in the piles into the turned up soils. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|-----------------|---------|------------|----------|--------------|---|----|--------------|----|-----|------------------|----|--------------|---|----|---|----|--------------------|---------|-------------|---------------|---------------|--------------|----------|---------|---|-----|--------------------|---------|-------------|------|------------------|--------|----------|---------|-----------|-----|----------|---------|------------|-----|----------|---------|--|--|--|--|
| 53 | 42111 - Planted Red Pine, Mixed Deciduous | Poletimber Well | 6.6 | 54 | 81-110 | N/A | The quality is better to the east. The north part of the stand borders private property. Thinned from below in the fall 2017. Not a very good planting, lot of the pine is stunted by the oak and aspen planted amongst. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>12</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>80</td> <td>Pole/Log</td> <td>8</td> <td>54</td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Quaking Aspen | 12 | Pole/Log | 9 | | Red Pine | 80 | Pole/Log | 8 | 54 | <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>Quaking Aspen</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Black Cherry</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Quaking Aspen | Low | Variable | Sapling | Black Cherry | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 12 | Pole/Log | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 80 | Pole/Log | 8 | 54 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 54 | 4125 - Black, N. Pin Oak | Sawtimber Well | 5.5 | 110 | 1-50 | N/A | Mature, poor quality, dying oak, the density is low, this stand was likely thinned in the past. The understory is developing it is well stocked with oak. Fair number of oak have died in the past couple years. Just let the understory develop the stand. Stands age will change in the next 1-2 inventory cycles. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Northern Pin Oak</td> <td>65</td> <td>Log/XLog</td> <td>16</td> <td>110</td> </tr> <tr> <td>White Pine</td> <td>10</td> <td>Pole/Sap/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>7</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>18</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Northern Pin Oak | 65 | Log/XLog | 16 | 110 | White Pine | 10 | Pole/Sap/Log | 8 | | Jack Pine | 7 | Pole | 6 | | Quaking Aspen | 18 | Pole/Sapling | 6 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Northern Pin Oak</td> <td>High</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Pin Cherry</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Northern Pin Oak | High | Variable | Sapling | Red Maple | Low | Variable | Sapling | Pin Cherry | Low | Variable | Sapling | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | 65 | Log/XLog | 16 | 110 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 10 | Pole/Sap/Log | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | 7 | Pole | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 18 | Pole/Sapling | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | High | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pin Cherry | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 55 | 4191 - Mixed Upland Deciduous with Conifer | Sapling Well | 21.2 | 9 | Immature | N/A | Final harvested and trenched in 2010, handplanted to red pine in 2011. The stand is cherry, oak and aspen the oak is mostly from stump sprouts. About half the red pine over 5 feet. Not a plantation, natural regeneration taken over. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>15</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Northern Pin Oak</td> <td>25</td> <td>Sapling</td> <td>1</td> <td>9</td> </tr> <tr> <td>Black Cherry</td> <td>25</td> <td>Sapling</td> <td>1</td> <td>9</td> </tr> <tr> <td>Red Pine</td> <td>24</td> <td>Sapling</td> <td>1</td> <td>8</td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Quaking Aspen | 15 | Sapling | 1 | | Northern Pin Oak | 25 | Sapling | 1 | 9 | Black Cherry | 25 | Sapling | 1 | 9 | Red Pine | 24 | Sapling | 1 | 8 | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>Medium</td> <td>< 5 feet</td> <td>Seeding</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Red Pine | Medium | < 5 feet | Seeding | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 15 | Sapling | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | 25 | Sapling | 1 | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 25 | Sapling | 1 | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 24 | Sapling | 1 | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | Medium | < 5 feet | Seeding | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 56 | 4310 - Pine, Oak Mix | Sapling Well | 28.5 | 23 | Immature | N/A | The stand was regenerated in 1997. Red pine was planted in the stand in 2005 amongst natural jack pine and pin oak. The red pine is having difficulty competing with the oak and jack pine in most of the stand. Will never be a red pine plantation. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | 39 | Sapling/Pole | 4 | 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 26 | Sapling | 3 | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | 29 | Sapling/Pole | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 57 | 310 - Herbaceous Openland | Nonstocked | 8.1 | 0 | | No | Stand final harvested fall 2017. The oak and red maple seedlings are being hit hard by the deer. No jack pine seedlings yet. The tops were kept below 24 inches but they were wind-rowed to much. In their current state they are to dense to trench through. Run the disc scarifier over the site to breakup the piles and distribute the jack pine cones present in the piles into the turned up soils. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 58 | 4130 - Aspen | Sapling Well | 7.8 | 23 | Immature | N/A | Aspen stand that was regenerated in 1997. The quaking aspen is poor quality with hypoxylon, the black cherry has blacknot. More on the west end. The east half is nice stuff with some in pole sizes. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 75 | Sapling/Pole | 4 | 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | 7 | Sapling | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 13 | Sapling | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments |
|---------------------------|---|-----------------|--------------------|-------------|------------|--------------|--|
| 59 | 4125 - Black, N. Pin Oak | Sapling Medium | 13.5 | 23 | Immature | N/A | Oak stand that was regenerated in 1997. Oak that stump sprouted is of merchantable size, rest in saplings still. |
| Canopy Species | | % Cover | Size Class | DBH | Age | | |
| White Oak | | 15 | Sapling/Pole | 3 | | | |
| Northern Pin Oak | | 65 | Sapling/Pole | 4 | 23 | | |
| Jack Pine | | 10 | Sapling/Pole | 4 | | | |
| Black Cherry | | 10 | Sapling | 3 | | | |
| 60 | 42110 - Planted Red Pine | Sawtimber Well | 17.2 | 54 | 111-140 | N/A | Stand thinned fall 2017. |
| Canopy Species | | % Cover | Size Class | DBH | Age | | |
| Red Pine | | 100 | Log/Pole | 10 | 54 | | |
| 61 | 42220 - Natural Jack Pine | Poletimber Well | 3.1 | 72 | 51-80 | N/A | Jack pine that looks like it was left as a buffer strip along private property, it was part of a larger stand that was final harvested. The jack pine is still decent but at its age will start to decline. The oak already has. Oak is regenerating along with some jack pine. Would have to build a road through good regen in adjacent stands to access this. Not big enough, best to let stand go and regenerate as it will. |
| Canopy Species | | % Cover | Size Class | DBH | Age | | |
| Jack Pine | | 85 | Pole/Log | 9 | 72 | | |
| Northern Pin Oak | | 10 | Log/Pole/Sap | 12 | | | |
| Sub-Canopy Species | | Density | Avg. Height | Size | | | |
| Northern Pin Oak | | Medium | Variable | Sapling | | | |
| 62 | 4130 - Aspen | Poletimber Well | 16.0 | 23 | 1-50 | N/A | Aspen stand that was regenerated in 1997. There is a pocket of mature oak in the central part of the south side of the stand. |
| Canopy Species | | % Cover | Size Class | DBH | Age | | |
| Red Maple | | 10 | Sapling/Pole | 4 | | | |
| Quaking Aspen | | 56 | Pole/Sapling | 5 | 23 | | |
| Bigtooth Aspen | | 15 | Pole/Sapling | 6 | | | |
| Black/Red (Hybrid) Oak | | 9 | Log/XLog | 16 | | | |
| Sub-Canopy Species | | Density | Avg. Height | Size | | | |
| Red Maple | | High | Variable | Sapling | | | |
| Black Cherry | | Low | Variable | Sapling | | | |
| 63 | 122 - Road/Parking Lot | Nonstocked | 5.7 | 0 | | No | Oakwood Road |
| 64 | 6225 - Bog | Nonstocked | 10.6 | | | No | Leatherleaf, a few jack pine are seeding in. |
| 65 | 42111 - Planted Red Pine, Mixed Deciduous | Poletimber Well | 4.4 | 54 | 81-110 | N/A | Stand thinned in fall 2017. Not the best red pine planting. fair number of large oak planted under which stunted many red pine. |
| Canopy Species | | % Cover | Size Class | DBH | Age | | |
| Red Pine | | 80 | Pole/Log | 9 | 54 | | |
| Black/Red (Hybrid) Oak | | 20 | Log | 14 | | | |
| 66 | 42110 - Planted Red Pine | Sawtimber Well | 5.1 | 54 | 81-110 | N/A | Red pine stand thinned in fall 2017. Not a very good red pine planting. |
| Canopy Species | | % Cover | Size Class | DBH | Age | | |
| Red Pine | | 85 | Log/Pole | 10 | 54 | | |
| Black/Red (Hybrid) Oak | | 10 | Log/XLog | 14 | | | |
| Sub-Canopy Species | | Density | Avg. Height | Size | | | |
| Black Cherry | | Low | Variable | Sapling | | | |
| Red Maple | | Low | 5 - 10 feet | Sapling | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------------------------------|----------------|---------|-----------|--------------------|--------------|---|--------------------|---------|-------------|------|------------|--------------------|--------------|-------------|-----------|-----------|------------------------|--------------|--------------|---|-----------|-----------|----------|---------|------------|----|----------|----|----|------------|--------|----------|---------|----------|----|-----|----|-----|--|--|--|--|
| 67 | 4130 - Aspen | Sapling Well | 7.8 | 23 | Immature | N/A | Aspen stand that was regenerated in 1997. Good stem densities but the diameters are still low. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>83</td> <td>Sapling</td> <td>3</td> <td>23</td> </tr> <tr> <td>Northern Pin Oak</td> <td>10</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> </tbody> </table> | | | | | | | | Canopy Species | % Cover | Size Class | DBH | Age | Quaking Aspen | 83 | Sapling | 3 | 23 | Northern Pin Oak | 10 | Sapling/Pole | 4 | | | | | | | | | | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 83 | Sapling | 3 | 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | 10 | Sapling/Pole | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 68 | 110 - Low Intensity Urban | Nonstocked | 4.7 | | | No | Seasonal county road and R.O.W. for buried high pressure natural gas line. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 69 | 4130 - Aspen | Sapling Well | 7.1 | 12 | Immature | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 85 | Sapling | 2 | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 70 | 42290 - Natural Mixed Pine | Sawtimber Well | 7.6 | 101 | 81-110 | N/A | The stand appears to be natural pine, unable to find any planting records. Parts of the stand are low with small leatherleaf vernal ponds. The red pine is mostly in the central and north parts of the stand, the white pine is scattered throughout. Understory regeneration is mostly red maple. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 8 | Pole/Sapling | 6 | | Red Maple | Medium | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 40 | Log/XLog | 15 | 95 | White Pine | Medium | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 50 | Log | 13 | 101 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 71 | 790 - Other Bare/Sparsely Vegetated | Nonstocked | 18.6 | | Immature | No | cut under contract # 710271601 fall 2018. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 72 | 310 - Herbaceous Openland | Nonstocked | 2.2 | 0 | | No | Open area with scattered jack pine and pin cherry. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Pin Cherry</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Jack Pine</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table> | | | | | | | | Sub-Canopy Species | Density | Avg. Height | Size | Pin Cherry | Low | 10 - 20 feet | Sapling | Jack Pine | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pin Cherry | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 73 | 4199 - Other Mixed Upland Deciduous | Sapling Well | 7.4 | 22 | Immature | N/A | decent oak coming back with aspen. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 20 | Sapling | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | 58 | Sapling | 2 | 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | 10 | Sapling | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 74 | 6225 - Bog | Nonstocked | 18.4 | | | No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 75 | 6232 - Wet Prairie | Nonstocked | 0.8 | | | No | Seasonally wet prairie. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 76 | 6224 - Treed Bog | Nonstocked | 2.7 | 0 | | No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----------------------------|------------------|---------|------------|----------|--------------|--|----|--------------|----|----|------------------------|----|--------------|----|----|---|----|--------------------|---------|-------------|--|------------------------|--------------------|-------------|-------------|--|------------|--------------------|-------------|-------------|------------------|-----------|----------|----------|------------|------------------|----------|----------|---------|------------|------|----------|---------|--|--|--|
| 77 | 4130 - Aspen | Sapling Well | 22.2 | 12 | Immature | N/A | Good aspen regeneration throughout most of the stand. Even under the oak seed trees left the aspen came in. Oak regen. mixed in as well. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 69 | Sapling | 2 | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | 8 | Log | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pin Cherry | 10 | Sapling | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | 7 | Sapling | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 78 | 4121 - Oak, Aspen | Sapling Well | 6.2 | 22 | Immature | N/A | Decent stump sprouting and seeding of oak with a couple fair sized aspen clones towards the north and east edges. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 8 | Sapling | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 30 | Sapling | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | 62 | Sapling | 3 | 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pin Cherry | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 79 | 4125 - Black, N. Pin Oak | Sawtimber Medium | 3.6 | 95 | 1-50 | N/A | Overmature oak stand that has a good mix of decent density regeneration coming in. The oak is declining but the stand is small, on the corner of two roads and would be best to let go and just let the regeneration keep coming in. The oaks will die off soon and leave snags. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | 79 | Log/Pole | 12 | 95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 10 | Log/Pole | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | High | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pin Cherry | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Medium | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80 | 4131 - Aspen, Oak | Poletimber Well | 18.5 | 52 | 81-110 | N/A | Portion of the privately run ski trail runs through here and is under a land use agreement. A varied stand with that aspen appearing to have been cut around the same time as the aspen to the north. Lower quality though with majority of it being found on the ridge tops that run up the middle of the stand north and south. The oak is rapidly declining like much of the oak in the area. Some oak regeneration here but mostly red maple which is the dominate species over the whole stand for regeneration. It could be harvested and may be able to salvage some of the oaks before die off. By opening up hope to stimulate more of present oak and get some stump sprouts and additional seeding. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 8 | Pole/Log | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 55 | Pole/Sapling | 6 | 52 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | 30 | Log/Pole | 12 | 91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | High | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Low | < 5 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 81 | 4319 - Mixed Upland Forest | Sawtimber Well | 20.2 | 99 | 81-110 | N/A | This stand contains just a short segment of the privately run cross country ski trail under land use lease. The stand borders on two age with the dominate canopy in the 90's and the second mid-canopy in the 30-40 year old class and then the dense regeneration under this. The overstory is mainly red pine with some white pine in there also. The rest is aspen, maplem some jack pine and oak. Recommend leaving the stand for at least two rotations before a treatment. The main overstory will hold and the mid-canopy will be just getting to treatable age. This block of the compartment is highly visible on heavily traveled roads and need to stagger treatments/age class as much as possible. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <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>28</td> <td>Pole/Log/Sap</td> <td>9</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>11</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Northern Pin Oak</td> <td>16</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>40</td> <td>Log/XLog</td> <td>15</td> <td>99</td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Red Maple | 28 | Pole/Log/Sap | 9 | | Bigtooth Aspen | 11 | Pole | 7 | | Northern Pin Oak | 16 | Pole/Log | 9 | | Red Pine | 40 | Log/XLog | 15 | 99 | <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>Full</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Northern Pin Oak</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>High</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Red Maple | Full | Variable | Sapling | Northern Pin Oak | Low | Variable | Sapling | White Pine | High | Variable | Sapling | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 28 | Pole/Log/Sap | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 11 | Pole | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | 16 | Pole/Log | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 40 | Log/XLog | 15 | 99 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Full | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | High | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------------------------|-----------------|---------|------------|-------------|--------------|---|------------|----|---------------|----|--|----------------|----|---------------|----|----|---|----|--------------------|---------|-------------|---|-----------|--------------------|----------|-------------|--|-----------|--------------------|----------|-------------|------------------|-----------|----------|----------|------------|------------|----------|----------|-----------|--------|----------|---------|
| 82 | 42210 - Natural Red Pine | Sawtimber Well | 23.4 | 95 | 81-110 | N/A | <p>Removed aspen, red maple, jack pine, and marked red/white pine in the summer 1999. Over 1/4 mile of ski trail under a land use lease traverses the entire stand. The north and south quarters of the stand are where the red pine basal area is the highest, averaging about 110. The regeneration under these parts is light to red maple and oak. The middle half is the lightest, averaging around 50. Find some white pine here. The regen. is heavy to full with either jack pine, white pine, or red maple depending on where at. Fluctuates. This portion borders the bog which actually grades into this stand but has pine on high mounds. Some of the regen. just into pole size but sparse, recommend holding till more regeneration gets merchantable size, then remove and drop red pine basal area to 50-70. The pine will hold and allow poles to get to log size. Stagger treatments around the ski trail influence and will do the same for age classes in the process.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>11</td> <td>Log/Pole/XLog</td> <td>14</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>68</td> <td>Log/XLog/Pole</td> <td>14</td> <td>95</td> </tr> <tr> <td>Red Maple</td> <td>14</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | | White Pine | 11 | Log/Pole/XLog | 14 | | Red Pine | 68 | Log/XLog/Pole | 14 | 95 | Red Maple | 14 | 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>High</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Northern Pin Oak</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>High</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Jack Pine</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Red Maple | High | Variable | Sapling | Northern Pin Oak | Low | Variable | Sapling | White Pine | High | Variable | Sapling | Jack Pine | Medium | Variable | Sapling |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 11 | Log/Pole/XLog | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 68 | Log/XLog/Pole | 14 | 95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 14 | Pole/Sapling | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | High | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | High | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | Medium | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 83 | 6224 - Treed Bog | Nonstocked | 11.1 | | Unspecified | No | Leatherleaf bog with pockets of black spruce. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 84 | 4139 - Aspen, Mixed Deciduous | Poletimber Well | 37.0 | 54 | 81-110 | N/A | <p>Final harvest from 1965. This stand is way less quality than the stand to the west. Do have pockets of good aspen, but very few. Several areas where aspen of both pole and log size have conks. Also areas where aspen regeneration, full red maple or oak stump sprouts. More overstory left when harvested last time. Along with more overstory and poorer quality, no aspen came in under it. Just red maple. These pockets of residual of overstory consists of red pine or a red/white pine oak mix. These pockets are scattered about. Less canopy closure due to thin regeneration areas than stand to the west. This stand has less basal area due to more open areas because no regeneration and smaller diameter of aspen than adjacent stand, but health wise should be harvested first. Stand to west hold should hold another rotation. There is almost 4600 feet of cross-country ski trail in this stand run by a private company under a land use lease. Will need to adjust to minimize impacts on trail</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <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/Sap/Log</td> <td>6</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>53</td> <td>Pole/Log/Sap</td> <td>7</td> <td>54</td> </tr> <tr> <td>Northern Pin Oak</td> <td>7</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>15</td> <td>Log</td> <td>16</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | | Red Maple | 20 | Pole/Sap/Log | 6 | | Bigtooth Aspen | 53 | Pole/Log/Sap | 7 | 54 | Northern Pin Oak | 7 | Log/Pole | 10 | | Red Pine | 15 | Log | 16 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Full</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Red Maple | Full | Variable | Sapling | White Pine | Low | Variable | Sapling | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 20 | Pole/Sap/Log | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 53 | Pole/Log/Sap | 7 | 54 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | 7 | Log/Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 15 | Log | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Full | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 85 | 4130 - Aspen | Sawtimber Well | 24.0 | 54 | 141-170 | N/A | <p>Final harvest from 1965. The stand consists of a ridge running north/south that slopes downward east/west and runs pretty much through the middle of the stand. The aspen is very nice quality with the lower elevation containing more sawlog sized aspen. There are more poles on the ridge top. The red pine is found in the lower portion with some being super-canopy sized. All left from the last harvest and did not hamper regeneration of aspen. Only regeneration in sub-canopy is red maple. There is trace amounts of some red and white pine and also oak but not enough to count. Stand could be harvested but will use as buffer for similar stand to the east that will be harvested this rotation. There is also a private cross-country ski trail through the stand under a land use lease agreement. Staggering the stand harvest will diversify age classes and help with recreational impacts.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 6 | Pole/Log | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 87 | Log/Pole | 11 | 54 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Full | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|--|---------|------------|----------|--------------------|---|----------------|-------------|----------|------------|------|------------------|------|------------------|--------|----|---|------------|-----|----|--------------------|--|-------------|------|-----------|--------------------|-------------|-------------|----------------|-----------|----------|----------|------------|-----------|----------|----------|-----------|------------------|----------|----------|---------|
| 86 | 4130 - Aspen | Sapling Well | 18.2 | 10 | | N/A | Final harvested in the Fall of 2007. All oak under 5 inches were left plus additional green marked ones. Good thick regeneration. The overstory of pine/oak left so light that it did not impact the new regeneration. Sub-canopy mix of variety of species but still mainly aspen. Portion of cross-country ski trail goes along west line. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 90 | Sapling | 2 | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | 8 | Pole | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Low | < 5 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | Medium | < 5 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Low | < 5 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | Low | < 5 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 87 | 3102 - Grass | Nonstocked | 5.3 | | | No | Grass field with sweetfern. Pin cherry in multiple clumps, heavy at times mainly on the west side. Some white pine there also. The south and east perimeter is a mix of jack pine and oak both in the sapling and pole size class. Not enough to make its own stand and yet gives diversity to open area. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pin Cherry | High | | Pole | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | Medium | | Pole | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Low | | Pole | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | Medium | | Pole | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 88 | 4126 - White, Black, N. Pin Oak | Poletimber Well | 10.9 | 73 | 51-80 | N/A | Older oak stand that has started to lose its larger log overstory to old age. The oak poles and saplings are there with a good mix of both pin and white oak. Some large red pine logs are scattered about with a one acre pocket of pure red pine log size trees at the far southwest tip. An aspen pocket of pole size lies at the north end. Do not recommend a harvest at this time. It does have some overmature oak but the majority of oak is still below rotational age. Only about a third of the basal area swings contained any log size oak with most being pole sized which a majority of would be kept anyway. Over a quarter mile portion of a privately maintained cross-country ski trail under a land use lease loops through the stand making future treatments more challenging. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | 37 | Pole/Log | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | 46 | Pole/Log | 9 | 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 10 | Log | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Medium | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | High | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | High | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 89 | 4191 - Mixed Upland Deciduous with Conifer | Sapling Poor | 5.6 | 9 | Immature | N/A | Trenched in 2009; Planted to red pine in 2010- KNF Red pine plantation planted in the spring 2010. Have multiple pockets of jack pine scattered about. These were planted around with their sizes being saplings to poles. Good diversity. This stand has been updated from a field evaluation for a project on free to grow red pine. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Pin Cherry</td> <td>60</td> <td>Sapling</td> <td>2</td> <td>9</td> </tr> <tr> <td>Jack Pine</td> <td>25</td> <td>Sapling</td> <td>3</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | | Pin Cherry | 60 | Sapling | 2 | 9 | Jack Pine | 25 | Sapling | 3 | | <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 Pine</td> <td>High</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Pin Cherry</td> <td>Low</td> <td>< 5 feet</td> <td>Sapling</td> </tr> </tbody> </table> | | | | Sub-Canopy Species | Density | Avg. Height | Size | Red Pine | High | 5 - 10 feet | Sapling | Pin Cherry | Low | < 5 feet | Sapling | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pin Cherry | 60 | Sapling | 2 | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | 25 | Sapling | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | High | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pin Cherry | Low | < 5 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 90 | 42110 - Planted Red Pine | Sawtimber Well | 21.4 | 56 | 141-170 | N/A | Red pine plantation established in 1963. Third row thinned in 1998 and then thinned again in spring 2008. Recommending an earlier thin. Based on work by Mead/Plum Creek they are treating their stands earlier when only a third of the crown is alive because their finding the tree slows down in growth with this much live top. Want to see if by opening up the canopy it will allow more more growth. A similiar red pine stand is half mile to the east that had was treated on the same rotation as this one. The other stand is not to be treated and is a control. Want to see the growth differences in future years to see if third thinnings should be done on an earlier rotation. This stand will be thinned to 90 basal area removing smaller poor deformed trees opening up the canopy and managing for the best quality tree in place. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 100 | Log/Pole | 10 | 56 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------------------------------|-------------------|---------|------------|----------|--------------|---|-----------|-----|--------------|----|----|--|----|--------------------|---------|-------------|----------------|-----------|--------------|-------------|---------|--|--------|--------------------|---------|-------------|---|------------|--------------------|----------|-------------|------|-----------|------|----------|---------|-----------|--------|----------|---------|------------------|-----|----------|---------|
| 91 | 4124 - Red with White Oak | Sawtimber Well | 10.8 | 102 | 81-110 | N/A | The stand slopes downhill from west to east and has a subdivision on the north and west lines. There is an aspen pocket on the northeast side. The understory is dense red maple over the entire stand. The maple is from sapling size to log sized in the overstory. The largest stemmed maples are multi-stemmed stump sprouted trees. The oak is overmature and recommend a treatment to try and open pockets up for oak regeneration. The treatment would involve removing all aspen which will give a couple of good aspen pockets a restart and add diversity to the area. The oak overstory would be removed to a 40-50 basal area where applicable. Favor large oaks for mast and side towards white oak due to oak wilt being on private property to the west. There is a landowner to the north who is in trespass. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <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>30</td> <td>Pole/Sap/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Red Oak</td> <td>40</td> <td>Log/Pole</td> <td>11</td> <td>102</td> </tr> <tr> <td>White Oak</td> <td>20</td> <td>Log</td> <td>12</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>10</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | | Red Maple | 30 | Pole/Sap/Log | 9 | | Red Oak | 40 | Log/Pole | 11 | 102 | White Oak | 20 | Log | 12 | | Bigtooth Aspen | 10 | Pole/Log | 9 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Full</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Red Maple | Full | Variable | Sapling | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 30 | Pole/Sap/Log | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Oak | 40 | Log/Pole | 11 | 102 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | 20 | Log | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 10 | Pole/Log | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Full | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 92 | 4319 - Mixed Upland Forest | Poletimber Medium | 10.9 | 48 | 81-110 | N/A | Sparse low quality stand with denser jack pine in the south and north halves. The middle band is the most sparsely stocked area of poor quality cherry. When the stand gets to rotation age, cut it and plant to either jack or red pine. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Jack Pine</td> <td>55</td> <td>Pole/Log</td> <td>8</td> <td>48</td> </tr> <tr> <td>Pin Cherry</td> <td>31</td> <td>Pole</td> <td>7</td> <td>48</td> </tr> <tr> <td>Quaking Aspen</td> <td>7</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | | Jack Pine | 55 | Pole/Log | 8 | 48 | Pin Cherry | 31 | Pole | 7 | 48 | Quaking Aspen | 7 | Pole/Sapling | 6 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Pin Cherry</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Pin Cherry | Medium | Variable | Sapling | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | 55 | Pole/Log | 8 | 48 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pin Cherry | 31 | Pole | 7 | 48 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 7 | Pole/Sapling | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pin Cherry | Medium | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 93 | 122 - Road/Parking Lot | Nonstocked | 2.4 | 0 | | No | County Road | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 94 | 4199 - Other Mixed Upland Deciduous | Sapling Well | 17.7 | 20 | 1-50 | N/A | Aspen stand cut in February 1998. Oak with some scattered aspen clones with lots of red maple and cherry brush regeneration. The aspen has some coming into pole sizes. The larger oaks are off stump sprouts along with red maple, however, fair amount of oak is off seeding. The oak is mainly around perimeter with the aspen/maple in the center. The maple percentage is high amongst the aspen. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>33</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>White Oak</td> <td>15</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>37</td> <td>Sapling/Pole</td> <td>4</td> <td>20</td> </tr> <tr> <td>Northern Pin Oak</td> <td>15</td> <td>Sapling/Pole</td> <td>3</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | | Red Maple | 33 | Sapling | 3 | | White Oak | 15 | Sapling | 2 | | Bigtooth Aspen | 37 | Sapling/Pole | 4 | 20 | Northern Pin Oak | 15 | Sapling/Pole | 3 | | <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>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Oak</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Northern Pin Oak</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Red Maple | High | Variable | Sapling | White Oak | Medium | Variable | Sapling | Northern Pin Oak | Low | Variable | Sapling |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 33 | Sapling | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | 15 | Sapling | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 37 | Sapling/Pole | 4 | 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | 15 | Sapling/Pole | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | High | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | Medium | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 95 | 42110 - Planted Red Pine | Sawtimber Well | 32.2 | 60 | 141-170 | N/A | Red pine plantation established in 1959. It was third rowed thinned in 1997 and then again thinned in 2008. It is a very good stand with 6-7 sticks. About a third of the tops are alive. Based on work done by Mead/Plum Creek they treat stands when the tops are at this stage because feel losing growth on the trees by not opening them up. Will use this stand as a control, there is an identical stand 1/2 mile to the east where will treat by thinning and compare the results in upcoming years of which one grew better. The stand has openings where no pine is present and the red maple saplings are thick. A few small pockets like this scattered about in the center of the stand. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>100</td> <td>Log/Pole</td> <td>11</td> <td>60</td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | | Red Pine | 100 | Log/Pole | 11 | 60 | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Northern Pin Oak</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Red Maple | Low | 5 - 10 feet | Sapling | Northern Pin Oak | Medium | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 100 | Log/Pole | 11 | 60 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | Medium | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 96 | 42110 - Planted Red Pine | Sawtimber Well | 7.8 | 46 | 111-140 | N/A | Established in 1973. Third rowed thinned 1997 and thinned again in 2008. Just coming into sawclass size as majority of class with 4-5 sticks. The basal area is alright to let go another rotation and maybe put some height on them. About a half acre sand opening inclusion with some jack pine and red pine saplings scattered about. At the lower end of the canopy closer percentage. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <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>97</td> <td>Log/Pole</td> <td>10</td> <td>46</td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | | Red Pine | 97 | Log/Pole | 10 | 46 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 97 | Log/Pole | 10 | 46 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | |
|-----------------------|---------------------------|-------------------|-------------------|------------|------------|---------------------------|--|----------------|--------------------|-------------|
| 97 | 42120 - Planted Jack Pine | Poletimber Medium | 2.3 | 58 | 51-80 | N/A | Jack pine plantation established in 1961. Stand is on fast decline with several mortality pockets. The white pine is filling in these pockets. Recommend a harvest and plant to red pine which is a more suited for this location. Will stagger the red pine age classes in this area with the already established plantation of red pine and will have a component of white pine mixed in with the already present regeneration. This also concentrates red pine on sites more suited for it. | | | |
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | | Density | Avg. Height | Size |
| Jack Pine | | 100 | Pole | 8 | 58 | White Pine | | Low | Variable | Sapling |
| 98 | 42120 - Planted Jack Pine | Poletimber Well | 4.3 | 58 | 81-110 | N/A | Jack pine plantation established in 1961. Very poor quality stand with poor growth. Several trees from the original planting still sapling size. Several mortality pockets also. Recommend removal and replanting with red pine which is more conducive to this site as evident by similiar aged red pine plantations surrounding this stand that have log sized stems. | | | |
| Canopy Species | | % Cover | Size Class | DBH | Age | | | | | |
| Jack Pine | | 100 | Pole | 6 | 58 | | | | | |
| 99 | 42110 - Planted Red Pine | Sawtimber Well | 8.9 | 60 | 141-170 | N/A | Established in 1959. Third rowed thinned in 1997 and thinned again in 2008. The terrain is more undulating with the east half of the stand planted on a slope. Not enough to hamper future operations though. It is 5-6 stick pine with about 1/2 the canopy still alive. Stand could wait another ten years and would be good to thin it down and start putting diameter growth on. This will also stagger treatments in the red pine area. No understory growth. | | | |
| Canopy Species | | % Cover | Size Class | DBH | Age | | | | | |
| Red Pine | | 98 | Log/Pole | 10 | 60 | | | | | |
| 100 | 42120 - Planted Jack Pine | Poletimber Well | 5.6 | 58 | 81-110 | N/A | Established in 1961. Poor quality stand with numerous dead and poor growth. Not a jack pine site. Harvest and put in red pine. The site is more conducive to this as evident by the existing good quality plantations surrounding this stand. This will concentrate red pine in an area and stagger the age class for the species in this area also. | | | |
| Canopy Species | | % Cover | Size Class | DBH | Age | | | | | |
| Jack Pine | | 100 | Pole | 6 | 58 | | | | | |
| 101 | 42110 - Planted Red Pine | Poletimber Well | 4.3 | 46 | 111-140 | N/A | Red pine plantation established in 1973. Was thinned in 2008. Good red pine plantation with third of stand into sawlog size. Several thinner basal area pockets where overstory oak left when planted. Do not thin this time around and re-evaluate in 10 years. | | | |
| Canopy Species | | % Cover | Size Class | DBH | Age | | | | | |
| Red Pine | | 95 | Pole/Log | 9 | 46 | | | | | |
| 102 | 4124 - Red with White Oak | Sawtimber Well | 30.9 | 90 | 81-110 | N/A | Shelterwood harvested in winter 1999/2000. All aspen and red maple cut along with marked trees. There is alot of good oak regeneration coming in. Thick in pockets. Any under 3 feet have been browsed heavily by deer. Maple mixed in amongst oak in places, its dense and only regeneration. White pine is scattered about. Recommend another harvest to open up canopy more to allow more light in to oaks. Mark residual oak to 30-40 basal area siding to white oaks do to oak wilt on private property in area. | | | |
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | | Density | Avg. Height | Size |
| Red Oak | | 60 | Log | 13 | 90 | Red Maple | | High | Variable | Sapling |
| White Oak | | 40 | Log/Pole | 11 | | Red Oak | | High | Variable | Sapling |
| | | | | | | White Oak | | Medium | Variable | Sapling |
| | | | | | | White Pine | | Low | Variable | Sapling |
| 103 | 42120 - Planted Jack Pine | Poletimber Well | 5.0 | 58 | 81-110 | N/A | Jack pine plantation established in 1961. Poor quality with numerous mortality pockets. Fairly good oak and white pine saplings in understory. Recommend removal of jack pine and plant to red pine which is more conducive to site and will be surrounded by red pine plantation of older age classes. This will stagger the red pine age classes in area and concentrate the pine. The stand will be a mixed stand with the existing oak and white pine regeneration present already just not enough of it to allow for good natural regeneration. | | | |
| Canopy Species | | % Cover | Size Class | DBH | Age | | | | | |
| Jack Pine | | 98 | Pole/Sapling | 6 | 58 | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---------------------------|------------------|---------|------------|----------|--------------|---|------------------------|----|--------------|----|-----|-----------|----|----------|----|--|---|----|--------------------|---------|-------------|---|-----------|--------------------|----------|-------------|---|-----------|--------------------|----------|-------------|---------|-----------|----------|----------------|-----------|------------|----------|----------|------------|------------|----------|----------|---------|
| 104 | 4122 - Oak, Pine | Sawtimber Well | 102.8 | 103 | 81-110 | N/A | Stand had a shelterwood harvest done in the winter of 1999/2000 removing all aspen, red maple, and marked oak trees. The white pine was left and has increased in size. There is some oak regeneration but more to red maple with white pine being the highest. This stand borders subdivisions on three sides. With the white pine component being as heavy as it is, recommend leaving this stand for now to increase the white pine diameters before further treatments. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Oak</td> <td>56</td> <td>Log</td> <td>14</td> <td>103</td> </tr> <tr> <td>White Oak</td> <td>11</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>White Pine</td> <td>33</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | | Red Oak | 56 | Log | 14 | 103 | White Oak | 11 | Log/Pole | 12 | | White Pine | 33 | 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>Red Maple</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Red Oak</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Oak</td> <td>Trace</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>High</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Red Maple | Medium | Variable | Sapling | Red Oak | Low | Variable | Sapling | White Oak | Trace | Variable | Sapling | White Pine | High | Variable | Sapling | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Oak | 56 | Log | 14 | 103 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | 11 | Log/Pole | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 33 | Pole/Log | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Medium | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Oak | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | Trace | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | High | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 105 | 4310 - Pine, Oak Mix | Sawtimber Well | 28.7 | 98 | 111-140 | N/A | This is a pine/oak mixed stand predominately white pine followed by red. The oak is mainly red but traces of white are there. The stand is mature plus. The only regeneration is dense red maple with some white pine here and there. Recommend a harvest removing all the maple, most of the oak, and portion of pine. The canopy is so dense, needs to be opened to allow other regeneration a chance. Mark to leave some large mast oaks and do not cut any pine 16 inches d.b.h. and up. There is a good amount of super-canopy pines in pockets. Leave these for diversity and visual. Will not shade out regeneration. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>8</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Red Oak</td> <td>35</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>White Pine</td> <td>42</td> <td>Log/Pole/XLog</td> <td>14</td> <td>98</td> </tr> <tr> <td>Red Pine</td> <td>13</td> <td>Log</td> <td>14</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | | Red Maple | 8 | Pole/Log | 8 | | Red Oak | 35 | Log/Pole | 12 | | White Pine | 42 | Log/Pole/XLog | 14 | 98 | Red Pine | 13 | Log | 14 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Full</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Red Maple | Full | Variable | Sapling | White Pine | Low | Variable | Sapling | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 8 | Pole/Log | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Oak | 35 | Log/Pole | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 42 | Log/Pole/XLog | 14 | 98 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 13 | Log | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Full | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 106 | 4129 - Mixed Oak | Sawtimber Well | 20.2 | 85 | 111-140 | N/A | There is an underground pipeline ROW corridor bisecting the southwest corner. The ROW clearing less than 30 feet wide and has no identification markers. Checking to see if the line is abandoned. Recommend a thinning of the stand to open up some regeneration gaps and crown to get more light into oak regeneration. The white pine regen. is heavy for most of the stand. The other regen., maple and oak, is in pockets here and there. The stand slopes downhill from the south to north. There is limited terrain to make a good landing and no matter what we need to cross the pipeline ROW. Aspen mainly at the south end with more pine and white oak to the north, | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Oak</td> <td>39</td> <td>Log/Pole</td> <td>12</td> <td>85</td> </tr> <tr> <td>White Oak</td> <td>29</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>21</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>White Pine</td> <td>6</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | | Red Oak | 39 | Log/Pole | 12 | 85 | White Oak | 29 | Log/Pole | 12 | | Bigtooth Aspen | 21 | Log/Pole | 10 | | White Pine | 6 | Log/Pole | 10 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Red Oak</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>High</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Red Maple | Medium | Variable | Sapling | Red Oak | Low | Variable | Sapling | White Pine | High | Variable | Sapling |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Oak | 39 | Log/Pole | 12 | 85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | 29 | Log/Pole | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 21 | Log/Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 6 | Log/Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Medium | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Oak | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | High | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 107 | 4124 - Red with White Oak | Sawtimber Medium | 16.7 | 85 | 51-80 | N/A | All aspen, red maple, and marked oak were cut in the fall of 2007. More residual left, sided on thinning favoring more white oak. It's at the top of a ridge with the terrain sloping to the south. No signs of oak wilt. Regeneration is very good for oak. The aspen is also good and is taller than the maple. The oak and aspen did get browsed hard over the winter. Only oak not showing browse are the taller stump sprouted saplings. Most oak regeneration is from seeding though. Have had two good acorn years in the last three. Recommend no treatment let regen. come in more and residual get some size. About 45% of the overstory left is pole sized. The entire east third has heavy aspen regen. with some red maple under the overstory and a trace of oak. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Oak</td> <td>65</td> <td>Log/Pole</td> <td>12</td> <td>85</td> </tr> <tr> <td>White Oak</td> <td>35</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | | Red Oak | 65 | Log/Pole | 12 | 85 | White Oak | 35 | Log/Pole | 10 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Medium</td> <td>< 5 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Oak</td> <td>Full</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Oak</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>High</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Red Maple | Medium | < 5 feet | Sapling | Red Oak | Full | Variable | Sapling | White Oak | Low | Variable | Sapling | Bigtooth Aspen | High | Variable | Sapling | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Oak | 65 | Log/Pole | 12 | 85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | 35 | Log/Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Medium | < 5 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Oak | Full | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | High | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 108 | 4125 - Black, N. Pin Oak | Sapling Well | 22.3 | 12 | Immature | N/A | All aspen, red maple, and oak removed in Fall 2007. Some green marked trees left as seed trees. Favored the white oak. Rolling to steep terrain. The oak regeneration came back in well. Full oak mainly from seed. Browse is heavy though. Less aspen overall but a large pocket of dense regeneration in the southeast corner. Some red maple also but light and mainly stump sprouts. Good results so far and no wilt signs. The overstory is 25% forest cover will not remove these trees though. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | 67 | Sapling/Pole | 2 | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | 12 | Sapling | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 15 | Sapling/Pole | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 6 | Sapling | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 109 | 122 - Road/Parking Lot | Nonstocked | 1.3 | | | No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|---|------------|--------------------|----------|--------------|---|------------|---------------|----------|------|----------------------|-----|----------|------|-----------|------------------------|-------------|------------|----|-----|--|----|--------------------|---------|-------------|--|-----------|--------------------|----------|-------------|------------|------------|----------|----------|---------|-----------|--------|-------------|------------|
| 110 | 6120 - Lowland Cedar | Poletimber Well | 5.0 | 100 | 81-110 | N/A | The balsam fir is older than the diameter leads on, suppressed. Cedart is declining. Main regeneration is balsam fir with traces of spruce and tamarack. Tag alder is heavy only in spots and not uniformly across the stand. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 22 | Pole/Sap/Log | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | 8 | Pole | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern White Cedar | 58 | Pole/Log | 8 | 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 9 | Pole/Log/Sap | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tag Alder | Medium | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 111 | 3302 - Low Density Conifer Trees | Nonstocked | 76.9 | 0 | | No | Cattail understory mixed with heavy alder. All the ash has died along with most of what cedar was in the stand. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>Low</td> <td>>20 feet</td> <td>Pole</td> </tr> <tr> <td>Northern White Cedar</td> <td>Low</td> <td>>20 feet</td> <td>Pole</td> </tr> <tr> <td>Tag Alder</td> <td>Full</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Balsam Fir | Low | >20 feet | Pole | Northern White Cedar | Low | >20 feet | Pole | Tag Alder | Full | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | Low | >20 feet | Pole | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern White Cedar | Low | >20 feet | Pole | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tag Alder | Full | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 113 | 4125 - Black, N. Pin Oak | Sapling Poor | 5.4 | 7 | Immature | N/A | Final harvested fall 2011. Couple clones of aspen but most of the regeneration is oak. The regeneration as a whole is on the low end. The oak is being browsed heavily. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | 11 | Sapling | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 24 | Sapling | 2 | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | 51 | Sapling | 1 | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pin Cherry | 12 | Sapling | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 114 | 6129 - Mixed Coniferous Lowland Forest | Sawtimber Well | 20.8 | 100 | 171-200 | N/A | Hemlock and cedar stand. The east half is slightly higher ground and contains the most hemlock mixed with some cedar and white pine. The west half is lower with more standing water resulting in more cedar than hemlock. The understory is also heavier with balsam fir regeneration. A unique stand for the area, found an old snow depth gauge, maybe area was deer wintering yard test sight. About 1.5 acre island of this stand is in the middle of stand 111. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <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>10</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>28</td> <td>Pole/Log</td> <td>9</td> <td>100</td> </tr> <tr> <td>White Pine</td> <td>14</td> <td>XLog/Log</td> <td>20</td> <td>100</td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Red Maple | 10 | Pole/Log | 8 | | Northern White Cedar | 28 | Pole/Log | 9 | 100 | White Pine | 14 | XLog/Log | 20 | 100 | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Low</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Hemlock</td> <td>High</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Red Maple | Low | >20 feet | Sapling | Hemlock | High | Variable | Sapling | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 10 | Pole/Log | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern White Cedar | 28 | Pole/Log | 9 | 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 14 | XLog/Log | 20 | 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Low | >20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hemlock | High | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 115 | 4115 - Y.Birch, Hemlock NH | Sawtimber Well | 4.8 | 94 | 111-140 | N/A | Small stand along private with difficult access through a seasonally wet hemlock stand. This stand is upland but does have a fair percentage of low areas that will be seasonably wet. Sawlog sized maple with sparse regeneration, mostly balsam fir. Best to leave. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <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>62</td> <td>Log/Pole/XLog</td> <td>12</td> <td>94</td> </tr> <tr> <td>Hemlock</td> <td>25</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>12</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Red Maple | 62 | Log/Pole/XLog | 12 | 94 | Hemlock | 25 | Pole/Log | 8 | | Northern White Cedar | 12 | Pole/Log | 9 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Red Maple | Low | Variable | Sapling | Balsam Fir | Medium | Variable | Sapling | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 62 | Log/Pole/XLog | 12 | 94 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hemlock | 25 | Pole/Log | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern White Cedar | 12 | Pole/Log | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | Medium | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 116 | 622 - Lowland Shrub | Nonstocked | 10.7 | | | No | R.O.W. clearing for buried petroleum line. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 117 | 6225 - Bog | Nonstocked | 1.3 | 0 | | No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 118 | 6132 - Mixed Lowland Forest with Cedar | Poletimber Poor | 24.9 | 63 | 51-80 | N/A | The ash has all died out. Large volumes of woody debris between the dead ash and cedar. The stand is converting to balsam fir as the cedar is dying out. The only regeneration is balsam fir, no cedar. Heavy tag alder | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|-------------------|------------|------------|----------|--------------|--|----|--------------|---|--|----------------|----|---------------|----|-----|--|----|--------------------|---------|-------------|---|-----------|--------------------|--------------|-------------|--|------------|--------------------|----------|--------------|-----------|-----------|----------|-------------|-----------|-----------|-------------|----------|------------|
| 119 | 6230 - Cattail | Nonstocked | 19.4 | 0 | | No | Stand of ash that has all died and starting to come down creating a jumble of blow down debris. The cattails and tag alder have started to come in. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 120 | 6132 - Mixed Lowland Forest with Cedar | Poletimber Medium | 15.3 | 100 | | N/A | All the ash is dead. The water table most likely came up to the point it is stressing the cedar. Some maple and birch in here but most understory is alder and balsam fir. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 121 | 4130 - Aspen | Poletimber Well | 9.0 | 37 | 111-140 | N/A | Very nice quality to the west and drier to the east on top of the hill where there is more oak in the understory. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <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>9</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>85</td> <td>Pole/Log</td> <td>8</td> <td>37</td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Red Maple | 9 | Pole/Sapling | 6 | | Bigtooth Aspen | 85 | Pole/Log | 8 | 37 | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>White Oak</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Black Cherry</td> <td>Low</td> <td>>20 feet</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Red Maple | Medium | 10 - 20 feet | Sapling | White Oak | Low | 5 - 10 feet | Sapling | Black Cherry | Low | >20 feet | Sapling | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 9 | Pole/Sapling | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 85 | Pole/Log | 8 | 37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Medium | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | Low | >20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 123 | 6130 - Fir, Aspen, Maple | Sapling Medium | 38.5 | 23 | 1-50 | N/A | On the upland lowland transition. Two-ages of aspen in some spots because 1996 sale specs left stems <4 " dbh. A couple of cedar left where two pieces of the sale join. A couple of upland knobs have some oak regeneration. A very mixed stand with numerous depressions that seasonally hold water with intermittent flows scattered about. Very heavy deer usage in the winter months. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 13 | Sapling/Pole | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 41 | Sapling/Pole | 4 | 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 37 | Sapling | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 8 | Sapling/Pole | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tag Alder | Medium | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 124 | 122 - Road/Parking Lot | Nonstocked | 7.0 | 0 | | No | Burdell Road | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 125 | 6220 - Alder/willow | Nonstocked | 5.6 | | | No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 126 | 6123 - Lowland Fir | Poletimber Poor | 8.2 | 63 | 1-50 | N/A | All the ash is dead and starting to fall down adding to the course woody debris load already present from blown-over cedar. Pockets of sparse cedar scattered about with balsam fir being predominate species. Many areas are open canopy with dense tag alder growth. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Paper Birch | 10 | Pole | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 55 | Pole/Sap/Log | 7 | 63 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern White Cedar | 30 | Pole/Log | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | Medium | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tag Alder | Full | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 127 | 6117 - Lowland Deciduous, Mixed Coniferous | Poletimber Well | 4.6 | 47 | 81-110 | N/A | Two slightly higher grounds, at the north and south ends. The middle lower ground with younger, smaller aspen and tag alder. The high grounds are mature white pine and aspen with predominantly maple mid and sub canopies. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 16 | Pole | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 19 | Log/XLog/Pole | 14 | 110 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 28 | Pole/Sap/Log | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tag Alder | Medium | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|------------------------------------|-------------------|------------|------------|----------|--------------|---|----|--------------|----|----|----------------|----|--------------|----|----|--|----|--------------------|---------|-------------|---|-----------|--------------------|--------------|-------------|------------------------|------------|--------------|----------|-----------|--|----------|--------------------|----------------|-------------|--------------|---------------|------------|--------------|----------|------------------------|--------------|-------------|-------------|------------------------|-------------|----------|-------------|------------|--------|----------|---------|--------------|-----|-------------|---------|
| 128 | 6130 - Fir, Aspen, Maple | Poletimber Medium | 5.8 | 52 | 1-50 | N/A | Pocket of a 1994 sale that was too wet to operate in. Heavy alder with pockets of cattail. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 21 | Pole/Sapling | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 22 | Pole/Sapling | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 52 | Pole/Sapling | 6 | 52 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | Medium | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tag Alder | High | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 129 | 4139 - Aspen, Mixed Deciduous | Poletimber Well | 16.3 | 38 | | N/A | The northern half of the stand is poorer quality in soils resulting in more sparsely stocked oaks, quaking aspen along with a decent sized site of pin cherry. The area with the pin cherry will be a good site for the future landing when the aspen reaches rotation age. The southern half is where the good aspen clones exist. Possible trespass in the northwest corner. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>7</td> <td>Pole</td> <td>6</td> <td>38</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>47</td> <td>Pole</td> <td>6</td> <td>38</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>19</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Black Cherry</td> <td>10</td> <td>Pole</td> <td>5</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>13</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Quaking Aspen | 7 | Pole | 6 | 38 | Bigtooth Aspen | 47 | Pole | 6 | 38 | Black/Red (Hybrid) Oak | 19 | Pole | 6 | | Black Cherry | 10 | Pole | 5 | | Red Maple | 13 | Pole/Sapling | 6 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>White Oak</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Black Cherry</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Red Maple | Medium | 10 - 20 feet | Sapling | White Oak | Low | Variable | Sapling | Black/Red (Hybrid) Oak | Low | Variable | Sapling | White Pine | Medium | Variable | Sapling | Black Cherry | Low | 5 - 10 feet | Sapling |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 7 | Pole | 6 | 38 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 47 | Pole | 6 | 38 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | 19 | Pole | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 10 | Pole | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 13 | Pole/Sapling | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Medium | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Medium | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 130 | 4126 - White, Black, N. Pin Oak | Sapling Medium | 10.6 | 14 | Immature | N/A | Lower quality site, but same sale as stand to the east. Approximately 3 different age classes present. Tsale was completed in 2005 leaving trees, 4" dbh and some scattered large canopy oak and pine. The regeneration came back fairly well so going to call the stand based on the regeneration. Will be leaving the overstory left after the last harvest to just die out. Would cause too much damage to the regeneration trying to remove | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | 20 | Sapling/Pole | 3 | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 14 | Sapling | 2 | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | 34 | Sapling/Pole | 3 | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 10 | Log/Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | 15 | Log/XLog | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | Medium | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | Medium | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 131 | 3301 - Low Density Deciduous Trees | Nonstocked | 2.8 | | | No | Fairly open area that has scattered pin cherry evenly about. Not quite forested though. Will be good site for the landing for the upcoming adjacent timber sale. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 132 | 4124 - Red with White Oak | Sawtimber Well | 14.6 | 95 | 51-80 | N/A | Red maple and aspen dominating the regeneration after treatment removed them and some oak. Little oak regenerated and that left, specially the red oak is declining rapidly. Remove the oak, leave large crowned white oaks over 14", red oaks over 20" for mast and protect the aspen and maple that is regenerating. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Oak</td> <td>72</td> <td>Log/XLog</td> <td>14</td> <td>95</td> </tr> <tr> <td>White Oak</td> <td>26</td> <td>Log</td> <td>12</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Red Oak | 72 | Log/XLog | 14 | 95 | White Oak | 26 | 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>Red Maple</td> <td>High</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Oak</td> <td>Low</td> <td>< 5 feet</td> <td>Sapling</td> </tr> <tr> <td>White Oak</td> <td>Low</td> <td>< 5 feet</td> <td>Sapling</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>High</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Black Cherry</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Witch Hazel</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Red Maple | High | 10 - 20 feet | Sapling | Red Oak | Low | < 5 feet | Sapling | White Oak | Low | < 5 feet | Sapling | Bigtooth Aspen | High | 10 - 20 feet | Sapling | White Pine | Low | Variable | Sapling | Black Cherry | Low | 5 - 10 feet | Sapling | Witch Hazel | Low | 5 - 10 feet | Tall Shrub | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Oak | 72 | Log/XLog | 14 | 95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | 26 | Log | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | High | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Oak | Low | < 5 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | Low | < 5 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | High | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Witch Hazel | Low | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 133 | 310 - Herbaceous Openland | Nonstocked | 5.9 | | | No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 134 | 310 - Herbaceous Openland | Nonstocked | 4.5 | | | No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------------------------------|-----------------|------------|------------|----------|--------------|--|------------------------|----|--------------|----|----|--|----|--------------------|---------|-------------|------------------------|-----------|--------------|--------------|---------|---|-----|--------------------|---------|-------------|---|-----------|--------------------|-------------|-------------|------------------------|-----------|-------------|-------------|------------|------------------------|--------------|----------|------------------------|------------|----------|----------|---------|--------------|-----|-------------|---------|------------|-----|----------|---------|
| 135 | 4125 - Black, N. Pin Oak | Sawtimber Well | 5.5 | 95 | 81-110 | N/A | The black oak is showing signs of decline in a good amount from the last couple of years. The understory regeneration of pine, oak, and maple is good. Ready to yet treat but the adjacent aspen stands are not. This stand is narrow, not much acreage and will require a good amount of money to build up the approach to the county road that will be suitable for today's trucks. best to wait and treat all three stands in this state land block together to make the road building more logical. Will lose more oak but still will be product left to remove next rotation. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 12 | Log/Pole/Sap | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | 73 | Log/XLog | 14 | 95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | 10 | Log/Pole | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Medium | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | Low | >20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Medium | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 136 | 4130 - Aspen | Poletimber Well | 13.6 | 37 | 81-110 | N/A | Nearly solid bigtooth aspen. heavy red maple regeneration in understory. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 95 | Pole/Sapling | 7 | 37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | High | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Witch Hazel | Low | < 5 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 137 | 4199 - Other Mixed Upland Deciduous | Poletimber Well | 6.5 | 37 | 51-80 | N/A | Low quality mixed oak hybrid with some jack pine and aspen and some pine seeding in from adjacent pvt. Some supercanopy red and white pine towards the north end. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <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>35</td> <td>Pole/Sapling</td> <td>6</td> <td>37</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>30</td> <td>Pole/Sapling</td> <td>6</td> <td>37</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>25</td> <td>Pole/Sapling</td> <td>7</td> <td></td> </tr> <tr> <td>White Pine</td> <td>9</td> <td>Log/Pole/XLog</td> <td>12</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | | Red Maple | 35 | Pole/Sapling | 6 | 37 | Bigtooth Aspen | 30 | Pole/Sapling | 6 | 37 | Black/Red (Hybrid) Oak | 25 | Pole/Sapling | 7 | | White Pine | 9 | Log/Pole/XLog | 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>Red Maple</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Medium</td> <td>< 5 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Black Cherry</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Red Maple | Medium | 5 - 10 feet | Sapling | Black/Red (Hybrid) Oak | Medium | < 5 feet | Sapling | White Pine | Low | Variable | Sapling | Black Cherry | Low | 5 - 10 feet | Sapling | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 35 | Pole/Sapling | 6 | 37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 30 | Pole/Sapling | 6 | 37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | 25 | Pole/Sapling | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 9 | Log/Pole/XLog | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Medium | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | Medium | < 5 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 138 | 4126 - White, Black, N. Pin Oak | Sawtimber Well | 3.8 | 96 | 81-110 | N/A | Pie shaped parcel surrounded by I-75, a county road, and private property. The oak is mature and has several oaks that died off from last summer. Decent oak regeneration in it with red maple and some white pine coming in. Treat stand by removing all tree to 2 inches with the following exceptions: Cut no white pine any diameter and no white oaks over 14 inches d.b.h.. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>45</td> <td>Log/Pole</td> <td>11</td> <td>96</td> </tr> <tr> <td>White Oak</td> <td>20</td> <td>Log/Pole</td> <td>10</td> <td>96</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>12</td> <td>Pole/Log</td> <td>8</td> <td>96</td> </tr> <tr> <td>Red Oak</td> <td>20</td> <td>Log</td> <td>12</td> <td>96</td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | | Black/Red (Hybrid) Oak | 45 | Log/Pole | 11 | 96 | White Oak | 20 | Log/Pole | 10 | 96 | Bigtooth Aspen | 12 | Pole/Log | 8 | 96 | Red Oak | 20 | Log | 12 | 96 | <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>Variable</td> <td>Sapling</td> </tr> <tr> <td>Red Oak</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Oak</td> <td>Low</td> <td>< 5 feet</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Red Maple | Medium | Variable | Sapling | Red Oak | Medium | Variable | Sapling | White Oak | Low | < 5 feet | Sapling | Balsam Fir | Low | Variable | Sapling | White Pine | Low | Variable | Sapling |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | 45 | Log/Pole | 11 | 96 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | 20 | Log/Pole | 10 | 96 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 12 | Pole/Log | 8 | 96 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Oak | 20 | Log | 12 | 96 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Medium | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Oak | Medium | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | Low | < 5 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 139 | 310 - Herbaceous Openland | Nonstocked | 2.1 | | | No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 140 | 4126 - White, Black, N. Pin Oak | Sawtimber Well | 9.7 | 95 | 81-110 | N/A | Buffer strip left from previous harvests. The black oak is dying out rapidly. The north half has a red maple understory with the middle being oak and the southern third cherry. The aspen clones are basically in three separate spots. The northern 2/3rds of the stand has most of the white oak with the southern third small diameter poor quality black oak. Remnants of the old Total Petroleum Transmission lines is along the north end. The line is abandoned but can still see the cleared R.O.W.. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>55</td> <td>Log/Pole</td> <td>12</td> <td>95</td> </tr> <tr> <td>White Oak</td> <td>30</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>13</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | | Black/Red (Hybrid) Oak | 55 | Log/Pole | 12 | 95 | White Oak | 30 | Log/Pole | 12 | | Bigtooth Aspen | 13 | Log/Pole | 12 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Pin Cherry</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Red Maple | Medium | 5 - 10 feet | Sapling | Black/Red (Hybrid) Oak | Low | 5 - 10 feet | Sapling | Pin Cherry | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | 55 | Log/Pole | 12 | 95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | 30 | Log/Pole | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 13 | Log/Pole | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Medium | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pin Cherry | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------------------------------|------------------|---------|------------|----------|--------------|--|----------------|----|--------------|----|----|------------------|----|--------------|----|----|---|----|--------------------|---------|-------------|------------|------------------|--------------|--------------|---------|--|-----|--------------------|---------|-------------|------|------------------------|---------|-------------|---------|------------|--------|--------------|---------|------------------------|-----|----------|---------|------------|-------|----------|---------|------------|-----|----------|---------|--------------|--------|----------|---------|
| 141 | 4125 - Black, N. Pin Oak | Sawtimber Medium | 9.4 | 95 | 1-50 | N/A | Some trees were thinned out in 2003 but the remaining overstory oaks are declining/dying fast. There is good natural oak regeneration already present in the understory. Remove the overstory to open it up for the present regeneration and trying to getting additional oak stump sprouting from the remaining live oaks. Remnants of the old Total Petroleum Transmission lines is along the north end. The line is abandoned but can still see the cleared R.O.W.. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | 10 | Log/Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | 80 | Log/Pole/Sap | 13 | 95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | Medium | < 5 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 142 | 4131 - Aspen, Oak | Poletimber Well | 17.2 | 37 | 81-110 | N/A | Fair stand quality stand at best. Both the aspen and oak are small diameter for age. The stand slopes up to a ridge top from north to south. The better quality trees including the supercanopy pines are at the ridge bottom to the south. Decent amount of oak regeneration just not good quality | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | 13 | Pole/Sapling | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 48 | Pole/Sapling | 6 | 37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | 20 | Pole/Sapling | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 15 | Log/Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | Medium | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 143 | 4130 - Aspen | Poletimber Well | 10.0 | 28 | | N/A | Nice aspen stand with red maple in the understory at the southern end and the northern half has mixed oak in the understory. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 88 | Pole/Sapling | 6 | 28 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 7 | Pole/Sapling | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 144 | 4125 - Black, N. Pin Oak | Sapling Well | 6.1 | 28 | 51-80 | N/A | Dense single stem oak regeneration with a mix of aspen mostly on the west half. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | 10 | Sapling/Pole | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 29 | Pole/Sapling | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | 56 | Pole/Sapling | 5 | 28 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 145 | 4125 - Black, N. Pin Oak | Sawtimber Well | 7.4 | 96 | 81-110 | N/A | Mature oak stand that is showing signs of mortality. There is decent regeneration of white pine, maple, and some oak along the northern strip. The west strip is devoid of much regeneration at all. The stand needs to be treated. Heavy signs of illegal ORV use and firewood theft in the long narrow strip. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | 14 | Log/Pole | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 11 | Pole | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | 60 | Log | 14 | 96 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 15 | Log/Pole | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Medium | >20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Medium | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 146 | 4199 - Other Mixed Upland Deciduous | Sawtimber Well | 10.1 | 95 | 81-110 | N/A | Mature aspen stand with a high oak component. The oak is also mature and showing signs of decline. Just some white pine in understory with maple, very little aspen or oak. Need to treat to keep aspen and get stump sprouting from remaining live oaks. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | 10 | Log | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 36 | Log/Pole | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | 46 | Log | 14 | 95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 6 | Pole/Sapling | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Medium | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | Trace | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | Medium | < 5 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--------------------------|-----------------|-------|-----------|------------------------|--------------|---|----------------|---------|------------|-----|-----|--------------------|---------|--------------|------|------------------------|---------------|---------|---------|---|------------------------|----------------|--------------|------------|----------------|----|------------------------|----|--------------|--------------|-------|--------------|---------|------------------------|----|---------|----------------|----|--------------|-----|----------|---------|--------------|---|---------|---|----|--|--|--|--|
| 147 | 4131 - Aspen, Oak | Sapling Well | 60.8 | 16 | Immature | N/A | Aspen is heavy around the original clones, with scattered stems where the closure is less and and the higher oak component. At the lower end of the canopy closure. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 7 | Sapling | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | 7 | Sapling | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 32 | Sapling | 2 | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | 28 | Sapling | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 7 | Sapling | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 13 | Sapling/Pole | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 148 | 4130 - Aspen | Sawtimber Well | 3.5 | 45 | 111-140 | N/A | very nice aspen stand will nothing in understory though for regeneration. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | 7 | Log | 12 | | Witch Hazel | Low | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 88 | Log/Pole | 10 | 45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 149 | 4131 - Aspen, Oak | Sapling Well | 8.3 | 28 | Immature | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | 10 | Sapling/Pole | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 40 | Sapling | 3 | 28 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 7 | Sapling | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | 43 | Sapling/Pole | 4 | 28 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 150 | 4130 - Aspen | Poletimber Well | 16.5 | 37 | 141-170 | N/A | Very nice quality to the west and drier to the east on top of the hill where there is more oak in the understory. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 9 | Pole | 6 | | Red Maple | Medium | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 90 | Pole/Log | 9 | 37 | White Oak | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | Black Cherry | Low | >20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 151 | 4131 - Aspen, Oak | Sapling Well | 12.8 | 16 | Immature | N/A | Some scattered stems < 4" dbh were left within the last cut. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | 8 | Sapling | 2 | | Black/Red (Hybrid) Oak | Low | < 5 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 43 | Sapling | 3 | 16 | Black Cherry | Trace | < 5 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | 32 | Sapling | 2 | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 8 | Sapling | 1 | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 152 | 42110 - Planted Red Pine | Sawtimber Well | 7.1 | 54 | 141-170 | N/A | Red pine stand that has been had its second thinning in 2011. Just into nice, smaller log sized stand . | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 100 | Log/Pole | 12 | 54 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------------------------|-----------------|---------|------------|----------|--------------|--|--------------|----|--------------|---|----|---------------|----|----------|---|----|--|----|--------------------|---------|-------------|---|----------|--------------------|----------|-------------|------------|-----------|----------|----------|--------------|--|----------|--------------------|---------|-------------|------|------------|-----|----------|---------|-----------|-----|----------|---------|------------------|-----|----------|---------|
| 153 | 4139 - Aspen, Mixed Deciduous | Sapling Well | 37.8 | 14 | | N/A | Feature stand is aspen regeneration from a recent harvest. Heavy white pine and red pine retention / supercanopy. Some oaks were left within the cut as well. The supercanopy trees account for 20-30 basal areas predominately on the east half. More oak to the northeast. Small spot of jack pine was retained to the northwest as well. The regeneration under these mature trees is slightly less dense and smaller in size but still doing well. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <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>Sapling</td> <td>2</td> <td>14</td> </tr> <tr> <td>Quaking Aspen</td> <td>15</td> <td>Sapling</td> <td>2</td> <td>14</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>30</td> <td>Sapling</td> <td>2</td> <td>14</td> </tr> <tr> <td>Northern Pin Oak</td> <td>8</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>White Pine</td> <td>9</td> <td>Log/XLog</td> <td>16</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | | Red Maple | 20 | Sapling | 2 | 14 | Quaking Aspen | 15 | Sapling | 2 | 14 | Bigtooth Aspen | 30 | Sapling | 2 | 14 | Northern Pin Oak | 8 | Sapling | 2 | | White Pine | 9 | Log/XLog | 16 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Northern Pin Oak</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | White Pine | Low | Variable | Sapling | Red Maple | Low | Variable | Sapling | Northern Pin Oak | Low | Variable | Sapling |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 20 | Sapling | 2 | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 15 | Sapling | 2 | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 30 | Sapling | 2 | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | 8 | Sapling | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 9 | Log/XLog | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 155 | 4130 - Aspen | Sapling Well | 7.6 | 13 | | N/A | Some white oak and aspen less than 4" was left in the cut. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | 8 | Sapling | 2 | 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 67 | Sapling | 2 | 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | 7 | Sapling | 2 | 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 7 | Sapling/Pole | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 156 | 310 - Herbaceous Openland | Nonstocked | 1.6 | 0 | | No | Past landing locations that failed to regenerate. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 158 | 4130 - Aspen | Poletimber Well | 48.6 | 52 | 111-140 | N/A | The larger sawlog classed aspen are showing signs of conks. Heavy red maple understory. Numerous wet depression throughout the stand that currently are holding water. Site has a higher water table and will be difficult to treat other than winter time. Too much rutting potential even in a "dry" summer and may not get good coppice regeneration if cut in the dead of summer. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 10 | Pole/Sapling | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 68 | Pole/Log | 8 | 52 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 20 | Pole/Log | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Full | >20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 159 | 6225 - Bog | Nonstocked | 11.8 | | | No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 160 | 6239 - Mixed Emergent Wetland | Nonstocked | 8.1 | | | No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 161 | 42210 - Natural Red Pine | Sapling Poor | 2.6 | 8 | Immature | N/A | Trenched in 2010; Planted initially to red pine in 2011 but replanted with red pine in 2015. Stand has little competition against the red pine that were planted. Overall 80% of the red pine are free to grow. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 7 | Sapling | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 90 | Sapling | 1 | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | High | < 5 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | Low | < 5 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | Low | < 5 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 162 | 310 - Herbaceous Openland | Nonstocked | 35.3 | | | No | Utility R.O.W. clearing | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|-----------------|---------|------------|----------|--------------|--|----|--------------|---|----|--|----|--------------------|---------|-------------|------------------|-----------|--------------|-------------|---------|------------------|-----|--------------|---------|------------|----------------|----------|--------------|----------|-----|---|---------|--------------------|---------|-------------|------|-----------|--------|-------------|---------|------------|-----|----------|---------|-----------|-----|----------|---------|--------------|-----|-------------|---------|
| 163 | 4139 - Aspen, Mixed Deciduous | Poletimber Well | 7.7 | 37 | | N/A | Very poor quality stand. Wait one more YOE then cut to restart. Verge of being low ground. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 27 | Pole/Sapling | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 37 | Pole/Sapling | 5 | 37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | 6 | Pole/Sapling | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 9 | Pole/Sapling | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 10 | Pole/Sapling | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Medium | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 164 | 6224 - Treed Bog | Nonstocked | 15.9 | | | No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 165 | 42220 - Natural Jack Pine | Poletimber Well | 14.9 | 54 | | N/A | Heavy cherry on the edge of the opening. More red maple understory on the north edge. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | 90 | Pole/Sap/Log | 6 | 54 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | Low | < 5 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 166 | 42111 - Planted Red Pine, Mixed Deciduous | Sapling Poor | 10.3 | 8 | Immature | N/A | Trenched in 2010; Initially planted to red pine in 2011 but replanted again with red pine in 2015. Pockets of heavy sweet fern ground cover, the pine failed. No competition to speak of over-topping the pine that survived plantings. 80%+ free to grow. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <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>80</td> <td>Sapling</td> <td>1</td> <td>8</td> </tr> <tr> <td>Quaking Aspen</td> <td>14</td> <td>Sapling</td> <td>3</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Red Pine | 80 | Sapling | 1 | 8 | Quaking Aspen | 14 | Sapling | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 80 | Sapling | 1 | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 14 | Sapling | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 167 | 6126 - Lowland Jack Pine | Sapling Medium | 14.3 | 27 | 1-50 | N/A | Leatherleaf ground cover with pockets of tag alder. The pine is scattered evenly over stand. The percentage for canopy closure is at the higher end of the scale. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <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>8</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>90</td> <td>Sapling/Pole</td> <td>4</td> <td>27</td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Red Pine | 8 | Sapling | 3 | | Jack Pine | 90 | Sapling/Pole | 4 | 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 8 | Sapling | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | 90 | Sapling/Pole | 4 | 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 168 | 4199 - Other Mixed Upland Deciduous | Sapling Medium | 10.2 | 14 | Immature | N/A | Was a jack pine type before harvest but the aspen and maple mostly came back in. The northern 1/3 is heaviest to aspen with the stocking being slightly lower at the south end with more oak and pine present. The piece east of the ROW clearing contains more red maple. cherry in good amounts where aspen is not present. Scattered 4" dbh stems left in the sale. Wet drain cuts across the north end heading into stand 158. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <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>28</td> <td>Sapling</td> <td>2</td> <td>14</td> </tr> <tr> <td>Quaking Aspen</td> <td>35</td> <td>Sapling</td> <td>2</td> <td>14</td> </tr> <tr> <td>Northern Pin Oak</td> <td>6</td> <td>Sapling</td> <td>2</td> <td>14</td> </tr> <tr> <td>Black Cherry</td> <td>19</td> <td>Sapling</td> <td>2</td> <td>14</td> </tr> <tr> <td>Jack Pine</td> <td>12</td> <td>Sapling</td> <td>3</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Red Maple | 28 | Sapling | 2 | 14 | Quaking Aspen | 35 | Sapling | 2 | 14 | Northern Pin Oak | 6 | Sapling | 2 | 14 | Black Cherry | 19 | Sapling | 2 | 14 | Jack Pine | 12 | Sapling | 3 | | | | | | | | | | | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 28 | Sapling | 2 | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 35 | Sapling | 2 | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | 6 | Sapling | 2 | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 19 | Sapling | 2 | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | 12 | Sapling | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|-----------------|---------|------------|----------|--------------|---|-----|--------------|----|----|------------------|----|--------------|----|----|---|---|--------------------|---------|-------------|----------|-----------|----------|--------------|---------|--|-----|--------------------|---------|--------------|--------|-------------|---------|--------------|---------|--------------|-----|----------|---------|
| 169 | 4133 - Aspen, Mixed Pine | Poletimber Well | 32.7 | 37 | 81-110 | N/A | Aspen cutting with heavy red maple coming up in understory. Red pine and white pine were left within the cut. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <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>18</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>56</td> <td>Pole/Log/Sap</td> <td>8</td> <td>37</td> </tr> <tr> <td>White Pine</td> <td>6</td> <td>XLog/Log</td> <td>18</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>14</td> <td>Log/XLog</td> <td>16</td> <td>99</td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Red Maple | 18 | Pole | 6 | | Quaking Aspen | 56 | Pole/Log/Sap | 8 | 37 | White Pine | 6 | XLog/Log | 18 | | Red Pine | 14 | Log/XLog | 16 | 99 | <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>Black Cherry</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Red Maple | High | 10 - 20 feet | Sapling | Black Cherry | Low | Variable | Sapling |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 18 | Pole | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 56 | Pole/Log/Sap | 8 | 37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 6 | XLog/Log | 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 14 | Log/XLog | 16 | 99 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | High | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 170 | 6233 - Wet Meadow | Nonstocked | 4.6 | | Immature | No | Trenched in 2010; Initially planted in 2011 to red pine but replanted in 2015, also red pine. The red pine mostly failed but was not the result of competition but high water table. Basically only red pine that made it was on a high hump. The trenches where no pine are full of water up to foot deep. Should have been planted to jack pine if nothing else as evident by the pockets of dense but small diameter jack pine pockets in amongst the wet grass. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 171 | 4131 - Aspen, Oak | Sapling Well | 4.1 | 28 | Immature | N/A | Fairly decent aspen stand. Its diameter is on the small size. good oak component mixed in. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>57</td> <td>Sapling/Pole</td> <td>4</td> <td>28</td> </tr> <tr> <td>Northern Pin Oak</td> <td>33</td> <td>Sapling/Pole</td> <td>3</td> <td>28</td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Quaking Aspen | 57 | Sapling/Pole | 4 | 28 | Northern Pin Oak | 33 | Sapling/Pole | 3 | 28 | | | | | | | | | | | | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 57 | Sapling/Pole | 4 | 28 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | 33 | Sapling/Pole | 3 | 28 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 172 | 42220 - Natural Jack Pine | Sapling Well | 2.3 | 28 | Immature | N/A | Dense natural jack pine stand with stunted diameter growth. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Northern Pin Oak</td> <td>6</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>88</td> <td>Sapling</td> <td>3</td> <td>28</td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Northern Pin Oak | 6 | Sapling | 2 | | Jack Pine | 88 | Sapling | 3 | 28 | | | | | | | | | | | | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | 6 | Sapling | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | 88 | Sapling | 3 | 28 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 173 | 4199 - Other Mixed Upland Deciduous | Sawtimber Well | 4.0 | 67 | 81-110 | N/A | Very small piece along 100. Would require a culvett and driveway approach to be constructed. Insufficient volumes to cover costs. Converting to maple on its own. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>39</td> <td>Log/Pole</td> <td>12</td> <td>94</td> </tr> <tr> <td>Red Maple</td> <td>48</td> <td>Log/Pole</td> <td>10</td> <td>67</td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Quaking Aspen | 39 | Log/Pole | 12 | 94 | Red Maple | 48 | Log/Pole | 10 | 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>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Black Cherry</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Red Maple | Medium | 10 - 20 feet | Sapling | White Pine | Low | Variable | Sapling | Black Cherry | Medium | 5 - 10 feet | Sapling | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 39 | Log/Pole | 12 | 94 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 48 | Log/Pole | 10 | 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Medium | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | Medium | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 174 | 122 - Road/Parking Lot | Nonstocked | 5.6 | 0 | | No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 175 | 42110 - Planted Red Pine | Sapling Poor | 4.8 | 8 | Immature | N/A | Trenched in 2010; Planted to red pine in 2011 and replanted with red pine in 2015. site was an open sand bowl of good size. the red pine took on the outer fringe but the inner half is open grass. site is guard railed off and is not being damaged anymore. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 100 | Sapling | 1 | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 176 | 4191 - Mixed Upland Deciduous with Conifer | Poletimber Well | 8.5 | 38 | 1-50 | N/A | Poor quality black oak that is mostly stump sprouted and of merchantable size. The open res are filling in with single stemmed oak regeneration but the diameters are 2-3 inches only. jack pine also mixed in. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | 48 | Pole | 5 | 38 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | 37 | Pole | 6 | 38 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------------------------------|-----------------|------------|------------|----------|--------------|---|-----|--------------|----|----|------------------------|----|---------------|----|-----|------------------------|----|--------------|----|----|--|----|--------------------|---------|-------------|------------|--------------|----------|-------------|---------|--|-----|--------------------|---------|------------------------|------|-------------|---------|--------------|---------|-------------|---------|----------|---------|-------------|-----|----------|------------|--|--|--|
| 177 | 4131 - Aspen, Oak | Poletimber Well | 5.0 | 38 | 51-80 | N/A | Very poor quality stand given its age. The aspen clones are best around the edges with the interior being small sapling sized aspen mixed with more oak. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 58 | Pole/Sapling | 5 | 38 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | 30 | Pole/Sapling | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | 6 | Sapling/Pole | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | Medium | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 178 | 4130 - Aspen | Poletimber Well | 8.1 | 38 | 81-110 | N/A | good aspen growth on a slight knoll. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>6</td> <td>Pole</td> <td>5</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>82</td> <td>Pole/Sapling</td> <td>7</td> <td>38</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>8</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Red Maple | 6 | Pole | 5 | | Bigtooth Aspen | 82 | Pole/Sapling | 7 | 38 | Black/Red (Hybrid) Oak | 8 | 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>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>White Oak</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Black Cherry</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Red Maple | Low | 5 - 10 feet | Sapling | White Oak | Low | 5 - 10 feet | Sapling | Black/Red (Hybrid) Oak | Low | 5 - 10 feet | Sapling | Black Cherry | Low | 5 - 10 feet | Sapling | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 6 | Pole | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 82 | Pole/Sapling | 7 | 38 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | 8 | Pole/Sapling | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 179 | 4199 - Other Mixed Upland Deciduous | Sapling Medium | 14.2 | 16 | Immature | N/A | moderately stocked stand with oak and cherry over majority with a couple large aspen clones at the south end. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <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>10</td> <td>Sapling</td> <td>2</td> <td>16</td> </tr> <tr> <td>Quaking Aspen</td> <td>23</td> <td>Sapling</td> <td>2</td> <td>16</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>34</td> <td>Sapling</td> <td>2</td> <td>16</td> </tr> <tr> <td>Black Cherry</td> <td>24</td> <td>Sapling</td> <td>2</td> <td>16</td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Red Maple | 10 | Sapling | 2 | 16 | Quaking Aspen | 23 | Sapling | 2 | 16 | Black/Red (Hybrid) Oak | 34 | Sapling | 2 | 16 | Black Cherry | 24 | Sapling | 2 | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 10 | Sapling | 2 | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 23 | Sapling | 2 | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | 34 | Sapling | 2 | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 24 | Sapling | 2 | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 180 | 4131 - Aspen, Oak | Sapling Well | 6.3 | 7 | Immature | N/A | Final harvested fall 2011. Aspen regenerated very well. Areas of no aspen is stocked with fair amount of oak. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>60</td> <td>Sapling</td> <td>2</td> <td>7</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>10</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>16</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>7</td> <td>Sapling</td> <td>1</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Quaking Aspen | 60 | Sapling | 2 | 7 | Bigtooth Aspen | 10 | Sapling | 2 | | Black/Red (Hybrid) Oak | 16 | Sapling | 1 | | Red Maple | 7 | Sapling | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 60 | Sapling | 2 | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 10 | Sapling | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | 16 | Sapling | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 7 | Sapling | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 181 | 4123 - Red Oak | Sawtimber Well | 16.6 | 113 | 111-140 | N/A | Stand is healthy upland red and white oak decent sawlogs. Looks like the red maple was removed in a previous harvest and just into merchantable size. Has not spread all over the understory as it did in the stand to the west. White pine in the understory and doing good. Natural openings are being made as some of the oaks are dying off for this pine to move into the canopy. Neat stand with hilly topography and little vernal pools. Has mature aspen scattered uniformly about. They are not in clumps of more than a couple stems where if final harvested the clones would expand much. Recommend leaving the stand, let the white pine increase in size along with the maple and in about 20 years start to remove what mature oak is still present and manage for white pine with mixed oak/maple. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <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>15</td> <td>Pole/Sap/Log</td> <td>7</td> <td></td> </tr> <tr> <td>Red Oak</td> <td>55</td> <td>Log/Pole/XLog</td> <td>14</td> <td>113</td> </tr> <tr> <td>White Oak</td> <td>10</td> <td>Log</td> <td>13</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>11</td> <td>Log</td> <td>12</td> <td></td> </tr> <tr> <td>White Pine</td> <td>8</td> <td>Log/Pole</td> <td>13</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | Red Maple | 15 | Pole/Sap/Log | 7 | | Red Oak | 55 | Log/Pole/XLog | 14 | 113 | White Oak | 10 | Log | 13 | | Bigtooth Aspen | 11 | Log | 12 | | White Pine | 8 | Log/Pole | 13 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Witch Hazel</td> <td>Low</td> <td>Variable</td> <td>Tall Shrub</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Red Maple | Medium | Variable | Sapling | White Pine | Medium | Variable | Sapling | Witch Hazel | Low | Variable | Tall Shrub | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 15 | Pole/Sap/Log | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Oak | 55 | Log/Pole/XLog | 14 | 113 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | 10 | Log | 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 11 | Log | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 8 | Log/Pole | 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Medium | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Medium | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Witch Hazel | Low | Variable | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 182 | 42110 - Planted Red Pine | Sawtimber Well | 14.3 | 57 | 111-140 | N/A | Third row harvested in 1994. Second thinning done in spring of 2015 (15 Pine) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 100 | Log/Pole | 12 | 57 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------------------------------|--------------------|------------|-------------|----------|------------------------|---|----------------|--------------|------------|----------|--------|-----------|------|----------|----|--|------------------------|----|---------|----|--|----------------|----|----------|----|--|------------------------|----|--------------|---|----|--|----|--------------------|---------|-------------|--------------|-----------|---------|----------|---------|----------------|-----|----------|---------|------------------------|-----|----------|---------|------------|-----|----------|---------|-------------|--------|----------|------------|
| 184 | 4126 - White, Black, N. Pin Oak | Sawtimber Well | 89.2 | 109 | 81-110 | N/A | Stand was harvested in 1995 by removing all aspen and red maple with at least one merchantable pulp stick. Healthy mixed oak stand. Basal area is variable this corresponds to the density of the understory, which in some places is full. The stand has some rolling topography to it. There are locations with steep banked bowls. There are several open areas that appear to have been old gravel pits within the stand also. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Oak | 38 | Log | 15 | 109 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | 20 | Log/Pole | 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | 23 | Log | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 6 | Log/Pole | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 10 | Pole/Sapling | 5 | 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | High | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Witch Hazel | Medium | Variable | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 185 | 31021 - Cool Season Grass | Nonstocked | 13.5 | | | No | clumps of bushy red pine on the south end. some scattered cherry also. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black Cherry</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Pine</td> <td>Medium</td> <td>>20 feet</td> <td>Pole</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Black Cherry | | Low | 10 - 20 feet | Sapling | Red Pine | Medium | >20 feet | Pole | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | Medium | >20 feet | Pole | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 186 | 42110 - Planted Red Pine | Sawtimber Well | 10.5 | 59 | 81-110 | N/A | Third row harvested in 1994. Second thin in spring of 2015(15 pine) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 100 | Log/Pole | 10 | 59 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 188 | 3105 - Mixed Upland Herbaceous | Nonstocked | 3.1 | | | No | Sumac clone, aspen moving in around the perimeter. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 189 | 710 - Sand, Soil | Nonstocked | 2.8 | | | No | The site is an old gravel/sand pit. Maple, aspen and oak are moving in. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 190 | 42110 - Planted Red Pine | Sawtimber Well | 13.5 | 60 | 81-110 | N/A | Cut spring of 2015(15 Pine). Basal area is at the high end of scale. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 100 | Log/Pole | 12 | 60 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 191 | 4199 - Other Mixed Upland Deciduous | Sapling Well | 14.7 | 15 | Immature | N/A | <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>8</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>White Oak</td> <td>10</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>20</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>30</td> <td>Sapling</td> <td>2</td> <td>15</td> </tr> <tr> <td>White Pine</td> <td>18</td> <td>Log/Pole</td> <td>11</td> <td></td> </tr> <tr> <td>Black Cherry</td> <td>7</td> <td>Sapling</td> <td>1</td> <td></td> </tr> </tbody> </table> | Canopy Species | % Cover | Size Class | DBH | Age | Red Maple | 8 | Sapling | 2 | | White Oak | 10 | Sapling | 1 | | Bigtooth Aspen | 20 | Sapling | 2 | | Black/Red (Hybrid) Oak | 30 | Sapling | 2 | 15 | White Pine | 18 | Log/Pole | 11 | | Black Cherry | 7 | Sapling | 1 | | | | | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 8 | Sapling | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | 10 | Sapling | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 20 | Sapling | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | 30 | Sapling | 2 | 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 18 | Log/Pole | 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 7 | Sapling | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Medium</td> <td>< 5 feet</td> <td>Seeding</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Black/Red (Hybrid) Oak | Medium | < 5 feet | Seeding | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | Medium | < 5 feet | Seeding | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|-----------------|---------|------------|----------|--------------|--|---------------|----|--------------|----|--|------------------------|----|--------------|----|----|------------------|----|----------|----|-----|---|----|--------------------|---------|-------------|--|-----------|--------------------|----------|-------------|---|-----------|--------------------|----------|-------------|-----------|------------------------|-------------|----------|------------------------|-----|-------------|---------|------------|-----|----------|---------|
| 192 | 4126 - White, Black, N. Pin Oak | Sawtimber Well | 22.7 | 109 | 51-80 | N/A | This oak stand is mostly poor quality hybrid black/red oak with a significant white oak component of decent quality. The stand is somewhat unique because there is a developing dense understory of white oak, probably in part due to the relatively low basal area. There are scattered single stem red maple poles and white pine poles and logs. The black oak is overmature and die off in fair numbers. There are also pockets of mature aspen too. The trouble is to remove the large oaks and get to the aspen would causing too high of a damage amount to the young oak regeneration coming in. Best to let the young oak get larger and treat later. As the large oaks are dying, it is opening up the canopy and the young oaks are filling it in heavily. Will lose some aspen to age also but enough young stuff in there can keep its component in future treatments. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Oak</td> <td>20</td> <td>Log/Pole</td> <td>13</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>15</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Northern Pin Oak</td> <td>42</td> <td>Log/Pole</td> <td>13</td> <td>109</td> </tr> <tr> <td>White Pine</td> <td>15</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | | White Oak | 20 | Log/Pole | 13 | | Quaking Aspen | 15 | Log/Pole | 12 | | Northern Pin Oak | 42 | Log/Pole | 13 | 109 | White Pine | 15 | Pole/Log | 8 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Oak</td> <td>High</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Red Maple | Medium | Variable | Sapling | White Oak | High | 5 - 10 feet | Sapling | Black/Red (Hybrid) Oak | Low | 5 - 10 feet | Sapling | White Pine | Low | Variable | Sapling |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | 20 | Log/Pole | 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 15 | Log/Pole | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | 42 | Log/Pole | 13 | 109 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 15 | Pole/Log | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Medium | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | High | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 193 | 122 - Road/Parking Lot | Nonstocked | 3.2 | | | No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 194 | 4191 - Mixed Upland Deciduous with Conifer | Poletimber Well | 2.7 | 43 | 51-80 | N/A | Small stand bordering I75 and Oakwood Rd. Leaving for scenic values in future. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Oak</td> <td>15</td> <td>Pole/Sap/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>20</td> <td>Pole/Sapling</td> <td>7</td> <td>37</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>10</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>30</td> <td>Pole/Sap/Log</td> <td>8</td> <td>43</td> </tr> <tr> <td>Jack Pine</td> <td>25</td> <td>Pole/Log/Sap</td> <td>9</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | | White Oak | 15 | Pole/Sap/Log | 9 | | Quaking Aspen | 20 | Pole/Sapling | 7 | 37 | Bigtooth Aspen | 10 | Pole | 6 | | Black/Red (Hybrid) Oak | 30 | Pole/Sap/Log | 8 | 43 | Jack Pine | 25 | Pole/Log/Sap | 9 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Black/Red (Hybrid) Oak | Low | Variable | Sapling | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | 15 | Pole/Sap/Log | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 20 | Pole/Sapling | 7 | 37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 10 | Pole | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | 30 | Pole/Sap/Log | 8 | 43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | 25 | Pole/Log/Sap | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 195 | 4125 - Black, N. Pin Oak | Sawtimber Well | 4.3 | 89 | 81-110 | N/A | Small stand that borders I75 and Oakwood Rd. The aspen, jack pine, and oak are all overmature. The oak is declining fast. Final harvest stand to restart the aspen and oak. This is a narrow pie piece between two roads and private. Put up for disposal post-harvest. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>10</td> <td>Log</td> <td>12</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>74</td> <td>Log/Pole</td> <td>13</td> <td>89</td> </tr> <tr> <td>Jack Pine</td> <td>7</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | | Quaking Aspen | 10 | Log | 12 | | Black/Red (Hybrid) Oak | 74 | Log/Pole | 13 | 89 | Jack Pine | 7 | Log/Pole | 12 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Red Maple | Medium | Variable | Sapling | Black/Red (Hybrid) Oak | Low | Variable | Sapling | White Pine | Low | Variable | Sapling | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 10 | Log | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | 74 | Log/Pole | 13 | 89 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | 7 | Log/Pole | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Medium | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 196 | 4131 - Aspen, Oak | Sapling Medium | 18.4 | 15 | Immature | N/A | Regeneration harvest in 2004 white oak and white pine were not cut. The oak regen is mostly from stump sprouts, the aspen and red maple are in scattered pockets, the black cherry is evenly distributed. Lots of unstocked Open areas between clones | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 15 | Sapling | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | 7 | Sapling | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 46 | Sapling | 2 | 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | 22 | Sapling | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments |
|---------------------------|-------------------------------------|-----------------|--------------------|-------------|------------|--------------|--|
| 197 | 4199 - Other Mixed Upland Deciduous | Sapling Well | 43.7 | 15 | Immature | N/A | Gypsy moth parasite released in 1993. Regeneration harvest in 2004, white oak and white pine were left and are super canopy mostly pole size. There is good oak regen lots of single stem 3-10 ft tall. Aspen clones are in scattered pockets. |
| Canopy Species | | % Cover | Size Class | DBH | Age | | |
| White Oak | | 7 | Sapling | 1 | | | |
| White Oak | | 7 | Log/Pole | 13 | | | |
| Bigtooth Aspen | | 20 | Sapling | 2 | | | |
| Black/Red (Hybrid) Oak | | 43 | Sapling | 1 | 15 | | |
| White Pine | | 16 | Log/Pole | 11 | | | |
| 198 | 42200 - Natural White Pine | Poletimber Well | 10.4 | 65 | 81-110 | N/A | White pine stand with lots of mortality in the black/red oak. There are super canopy white oak and scattered trace aspen. decent amounts of young oak regeneration. |
| Canopy Species | | % Cover | Size Class | DBH | Age | | |
| White Oak | | 10 | Log | 13 | | | |
| Black/Red (Hybrid) Oak | | 10 | Log | 14 | | | |
| White Pine | | 80 | Pole/Log/Sap | 8 | 65 | | |
| Sub-Canopy Species | | Density | Avg. Height | Size | | | |
| Black/Red (Hybrid) Oak | | Medium | Variable | Sapling | | | |
| White Pine | | Medium | Variable | Sapling | | | |
| 199 | 42200 - Natural White Pine | Poletimber Well | 6.2 | 66 | 51-80 | N/A | White pine stand developing into log size with super canopy oak. |
| Canopy Species | | % Cover | Size Class | DBH | Age | | |
| Black/Red (Hybrid) Oak | | 10 | Log | 14 | | | |
| White Pine | | 85 | Pole/Log/Sap | 9 | 66 | | |
| Sub-Canopy Species | | Density | Avg. Height | Size | | | |
| White Oak | | Low | < 5 feet | Sapling | | | |
| Black/Red (Hybrid) Oak | | Medium | 5 - 10 feet | Sapling | | | |
| White Pine | | Low | Variable | Sapling | | | |
| 200 | 4131 - Aspen, Oak | Sapling Well | 12.5 | 15 | Immature | N/A | Clearcut with reserves in 2004. Scattered super canopy white pine and white oak poles and logs. |
| Canopy Species | | % Cover | Size Class | DBH | Age | | |
| Red Maple | | 7 | Sapling | 2 | | | |
| White Oak | | 10 | Sapling | 1 | | | |
| Bigtooth Aspen | | 55 | Sapling | 2 | 15 | | |
| Black/Red (Hybrid) Oak | | 15 | Sapling | 3 | | | |
| 201 | 4130 - Aspen | Poletimber Well | 35.7 | 31 | 51-80 | N/A | Stand was clearcut in 1988 |
| Canopy Species | | % Cover | Size Class | DBH | Age | | |
| Red Maple | | 11 | Pole/Sapling | 5 | | | |
| Bigtooth Aspen | | 45 | Pole/Sapling | 6 | 31 | | |
| Balsam Fir | | 14 | Sapling/Pole | 4 | | | |
| Quaking Aspen | | 25 | Sapling/Pole | 4 | 31 | | |
| Sub-Canopy Species | | Density | Avg. Height | Size | | | |
| Balsam Fir | | Full | Variable | Sapling | | | |
| Red Maple | | Low | Variable | Sapling | | | |
| 202 | 6220 - Alder/willow | Nonstocked | 3.8 | | Immature | | Lowland with leatherleaf and dense tag alder. some paper birch poles and balsam seedlings but no enough to make it a forested stand. |
| Sub-Canopy Species | | Density | Avg. Height | Size | | | |
| Tag Alder | | Full | 5 - 10 feet | Tall Shrub | | | |
| Balsam Fir | | Low | < 5 feet | Seeding | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|-----------------|------------|------------|----------|--------------|--|---------------|----|--------------|----|----|------------------------|----|--------------|----|----|---|----|--------------------|---------|-------------|--|------------|--------------------|----------|-------------|--|------------------------|--------------------|------------|-------------|---------------|------------|----------|------------|-----------|-----------|----------|-------------|---------|
| 203 | 4139 - Aspen, Mixed Deciduous | Sawtimber Well | 25.5 | 61 | 111-140 | N/A | Stand is relatively high with areas that are low that seasonally flooded. West side transitions to lower ground with black ash. Most parts of the stand have a full balsam fir understory. The stand is mostly aspen that appears to be 50-60 years old. Narrow low wet drain running north/south along the east line separating this stand from aspen. Will need to crane mat approximately 25 yards to access this stand to treat. winter harvest only. traces of cedar and hemlock. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 25 | Pole/Log/Sap | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Paper Birch | 7 | Pole/Log | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 50 | Log/Pole | 10 | 61 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 17 | Pole/Sapling | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | Full | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Medium | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 204 | 4199 - Other Mixed Upland Deciduous | Sapling Medium | 7.5 | 16 | Immature | N/A | Aspen is in pockets. Heavy along south edge. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 10 | Sapling | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | 10 | Sapling | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 35 | Sapling | 2 | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | 30 | Sapling | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | 10 | Sapling | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 205 | 6128 - Lowland Coniferous, Mixed Deciduous | Poletimber Well | 17.4 | 94 | | N/A | Cedar with dead ash. Northern half more red maple. Stressed stand. The understory is heavy balsam fir. Maybe a raptor nest within stand could hear the bird in the distance. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | 25 | Pole | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 26 | Pole/Log/Sap | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | Full | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tag Alder | Medium | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 207 | 4131 - Aspen, Oak | Sawtimber Well | 5.0 | 89 | 81-110 | N/A | Small pie piece between expressway, county road, and private property. The aspen is overmature ans should be restarted. Final harvest the stand and then put up for disposal. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>76</td> <td>Log/Pole</td> <td>13</td> <td>89</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>20</td> <td>Log</td> <td>14</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | | Quaking Aspen | 76 | Log/Pole | 13 | 89 | Black/Red (Hybrid) Oak | 20 | Log | 14 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>White Oak</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Pin Cherry</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | White Oak | Low | Variable | Sapling | Black/Red (Hybrid) Oak | Low | Variable | Sapling | White Pine | Low | Variable | Sapling | Pin Cherry | Low | Variable | Sapling | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 76 | Log/Pole | 13 | 89 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | 20 | Log | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pin Cherry | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 208 | 122 - Road/Parking Lot | Nonstocked | 2.6 | 0 | | No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 209 | 4125 - Black, N. Pin Oak | Poletimber Well | 14.4 | 24 | 81-110 | N/A | Smaller diameter oak stand. Less than 15% of the oaks are sawlog sized. Not good quality oak, but the regeneration is well. The eastern third of the stand is from a more recent treatment but with compartment re-consolidation, this stand is in the same compartment as the stand majority. Lumped them together for ease of treatment in the future. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>28</td> <td>Pole/Sap/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>56</td> <td>Pole/Sap/Log</td> <td>7</td> <td>24</td> </tr> <tr> <td>White Oak</td> <td>12</td> <td>Pole</td> <td>8</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | | Quaking Aspen | 28 | Pole/Sap/Log | 8 | | Black/Red (Hybrid) Oak | 56 | Pole/Sap/Log | 7 | 24 | White Oak | 12 | Pole | 8 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Quaking Aspen</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Oak</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Black/Red (Hybrid) Oak | Medium | Variable | Sapling | Quaking Aspen | Low | Variable | Sapling | White Oak | Low | Variable | Sapling | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 28 | Pole/Sap/Log | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | 56 | Pole/Sap/Log | 7 | 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | 12 | Pole | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | Medium | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 210 | 4131 - Aspen, Oak | Sapling Well | 18.0 | 14 | Immature | N/A | The stand is mixed aspen and oak with some open pockets of sparse oak scattered about | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 65 | Sapling | 3 | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | 28 | Sapling | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------------------------------|-----------------|---------|------------|----------|--------------|--|---------------|-----|--------------|----|----|------------------------|----|---------------|----|----|--|----|--------------|---|--------------------|---|-------------|--------------|-----------|--------------------|----------|-------------|-----------|------------|--------------|-------------|------------------------|-----------|-------------|-------------|------------|------------------------|----------|----------|--------------|------------|-------------|----------|---------|
| 211 | 4125 - Black, N. Pin Oak | Sawtimber Well | 5.8 | 91 | 51-80 | N/A | Stand is located along I-75. Oak is mostly poor quality, the aspen is senescing. Lots of coarse woody debris. Oak is declining fast so need to treat to get some additional oak regeneration from stump sprouting. Final harvest to two inches. Mark to leave some of the 20 inch plus oaks for mast 10 basal area on average overall. May have spot where more than one are in close proximity.. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>15</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>76</td> <td>Log/XLog/Pole</td> <td>14</td> <td>91</td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | | Quaking Aspen | 15 | Pole/Log | 9 | | Black/Red (Hybrid) Oak | 76 | Log/XLog/Pole | 14 | 91 | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Oak</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Black Cherry</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table> | | | | Sub-Canopy Species | Density | Avg. Height | Size | Red Maple | Low | Variable | Sapling | White Oak | Low | 10 - 20 feet | Sapling | Black/Red (Hybrid) Oak | Medium | 5 - 10 feet | Sapling | White Pine | Low | Variable | Sapling | Black Cherry | Low | 5 - 10 feet | Sapling | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 15 | Pole/Log | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | 76 | Log/XLog/Pole | 14 | 91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | Low | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | Medium | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 212 | 4131 - Aspen, Oak | Sawtimber Well | 12.5 | 91 | 111-140 | N/A | Overmature aspen stand that is starting to fall part. It has a mix of poor quality oak but a decent soil, Kotar is PARVha/PARVVb. The red oak oak is at that age where it is declining quickly. Nice mixed oak regeneration in the understory but need to treat now to keep the aspen component and get more oak stump sprouting. Will have to brush a road in through the stand 213 to the west to get here. There are sparse areas in stand 213 that can be connected and require less brushing. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>47</td> <td>Log/Pole</td> <td>13</td> <td>91</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>35</td> <td>Log/Pole/Sap</td> <td>14</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>9</td> <td>Pole</td> <td>9</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | | Quaking Aspen | 47 | Log/Pole | 13 | 91 | Black/Red (Hybrid) Oak | 35 | Log/Pole/Sap | 14 | | Jack Pine | 9 | Pole | 9 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Oak</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Medium</td> <td>< 5 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table> | | | | Sub-Canopy Species | Density | Avg. Height | Size | Red Maple | Low | Variable | Sapling | White Oak | Medium | Variable | Sapling | Black/Red (Hybrid) Oak | Medium | < 5 feet | Sapling | White Pine | Low | Variable | Sapling |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 47 | Log/Pole | 13 | 91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | 35 | Log/Pole/Sap | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | 9 | Pole | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | Medium | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | Medium | < 5 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 213 | 4131 - Aspen, Oak | Sapling Well | 18.3 | 24 | Immature | N/A | Final harvested in 1995. The Aspen and oak are mostly separated and could be broken into smaller stands but would not be the most practical in future treatments. The aspen is in the north and west part of the stand. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>40</td> <td>Sapling</td> <td>4</td> <td>24</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>45</td> <td>Sapling/Pole</td> <td>4</td> <td>24</td> </tr> <tr> <td>White Oak</td> <td>8</td> <td>Sapling</td> <td>3</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | | Quaking Aspen | 40 | Sapling | 4 | 24 | Black/Red (Hybrid) Oak | 45 | Sapling/Pole | 4 | 24 | White Oak | 8 | Sapling | 3 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 40 | Sapling | 4 | 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | 45 | Sapling/Pole | 4 | 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | 8 | Sapling | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 214 | 4130 - Aspen | Sapling Medium | 15.2 | 14 | Immature | N/A | Aspen stand that was regenerated 2005 and is dense in the clone areas. Along the west line it is very sparse to barren with just sweetfern ground cover. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>89</td> <td>Sapling/Pole</td> <td>4</td> <td>14</td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | | Quaking Aspen | 89 | Sapling/Pole | 4 | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 89 | Sapling/Pole | 4 | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 215 | 4130 - Aspen | Poletimber Well | 22.9 | 24 | 1-50 | N/A | Aspen stand that was regenerated in 1995. There is a slightly lower draw that runs through the middle of the stand encompassing about half of the stand or more that is smaller in diameter, lower quality quacking aspen with a heavy understory of white pine. The east fringe and northern most portion is large diameter, better quality aspen. The west fringe is more oak, maple, cherry mixed with quaking. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>73</td> <td>Pole/Sapling</td> <td>5</td> <td>24</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>8</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>17</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | | Quaking Aspen | 73 | Pole/Sapling | 5 | 24 | Black/Red (Hybrid) Oak | 8 | Sapling | 3 | | Red Maple | 17 | Sapling/Pole | 4 | | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>Medium</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> </tbody> </table> | | | | Sub-Canopy Species | Density | Avg. Height | Size | White Pine | Medium | 5 - 10 feet | Sapling | Red Maple | Medium | 5 - 10 feet | Sapling | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 73 | Pole/Sapling | 5 | 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | 8 | Sapling | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 17 | Sapling/Pole | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Medium | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Medium | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 216 | 42110 - Planted Red Pine | Sawtimber Well | 24.5 | 54 | 111-140 | N/A | Red pine plantation on a good, site the stand was third row harvested in 1994. second thinning done spring of 2015. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <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>54</td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | | Red Pine | 100 | Log/Pole | 12 | 54 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 100 | Log/Pole | 12 | 54 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 217 | 4199 - Other Mixed Upland Deciduous | Sapling Well | 21.5 | 24 | Immature | N/A | Stand was regenerated in 1995. Stand has regenerated well to a mixed type with basically two large aspen clones, one at each end n/s and mixed oak and pine in the middle. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>7</td> <td>Sapling/Pole</td> <td>3</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>39</td> <td>Sapling/Pole</td> <td>4</td> <td>24</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>33</td> <td>Sapling/Pole</td> <td>4</td> <td>24</td> </tr> <tr> <td>Jack Pine</td> <td>17</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | | Red Maple | 7 | Sapling/Pole | 3 | | Bigtooth Aspen | 39 | Sapling/Pole | 4 | 24 | Black/Red (Hybrid) Oak | 33 | Sapling/Pole | 4 | 24 | Jack Pine | 17 | Sapling/Pole | 4 | | | | | | | | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 7 | Sapling/Pole | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 39 | Sapling/Pole | 4 | 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | 33 | Sapling/Pole | 4 | 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | 17 | Sapling/Pole | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---------------------------------------|----------------|---------|------------|----------|--------------|--|------------------|----|--------------|----|----|------------------------|----|---------------|----|----|------------------------|----|---------------|----|----|------------------------|----|---------------|----|-----|--|---|--------------------|---------|-------------|------|-----------|--------|----------|---------|------------------------|--------|----------|---------|------------|-----|----------|---------|--|--|--|--|
| 218 | 4199 - Other Mixed Upland Deciduous | Sapling Well | 35.7 | 24 | Immature | N/A | Stand was regenerated in 1995. There is super canopy white oak and white pine but do not make up much of canopy. There is oak regen from stump sprouts and single stem scattered throughout. Aspen clone at west end by a pocket of large white pine left for visual. Most regeneration is stump sprouted maple with the canopy closure on the lower end. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 38 | Sapling/Pole | 3 | 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | 8 | Log | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 15 | Sapling/Pole | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | 23 | Sapling/Pole | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 6 | Log/Pole | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 219 | 4199 - Other Mixed Upland Deciduous | Sapling Well | 15.4 | 24 | Immature | N/A | Harvested in 1995 by removing all aspen and jack pine with at least one 100" pulp stick. The results of the harvest have the appearance of a light shelterwood. The stand is now two aged. A high percentage of the overstory oaks, particularly the red oak species have died so the subcanopy oak is now the cover type. Leave what large oak that have survived in place. Too much damage would result to dense oak regeneration trying to remove. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | 9 | Log/Pole | 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | 50 | Sapling/Pole | 3 | 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | 16 | Log/Pole | 13 | 91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | 16 | Sapling/Pole | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | Medium | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | Medium | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 220 | 4125 - Black, N. Pin Oak | Sapling Well | 35.5 | 24 | Immature | N/A | Harvested in 1995 the prescription was to remove all aspen and jack pine with at least one 100" pulp stick. It was essentially a regeneration harvest. There are super canopy white pine and white oak. The oak saplings are mostly from stump sprouts. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | 11 | Sapling | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | 60 | Sapling/Pole | 3 | 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | 14 | Sapling/Pole | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 7 | Sapling/Pole | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 221 | 42260 - Natural Pine, Mixed Deciduous | Sawtimber Well | 21.2 | 110 | 111-140 | N/A | The stand is mixed natural red and white pine with some oak, maple and little bit of aspen. The basal area is variable due to the variation in species distribution. The red/white pine overstory has a mid and sub-canopy of red maple followed by white pine. The current size of the pines diameter lend to them being not in demand with benefits of letting them go towards legacy trees/Type 2 old growth as a better alternative. Once the overstory was removed, feel the stand would convert to mostly red maple and the white pine that is coming in with it currently would fade out. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 20 | Pole/Sap/Log | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black/Red (Hybrid) Oak | 12 | Log/XLog/Pole | 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | 28 | XLog/Log/Pole | 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 38 | XLog/Log/Pole | 20 | 110 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | High | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Medium | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 222 | 4199 - Other Mixed Upland Deciduous | Sapling Medium | 39.0 | 4 | Immature | N/A | Stand was cut in the spring of 2015. Planted to red pine in 2016. Had a mixed objective of planted red pine with mixed deciduous. It has met that objective with the stand being forested. The natural regeneration took over though and is not a red pine plantation. No further treatments needed. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Northern Pin Oak</td> <td>50</td> <td>Sapling</td> <td>1</td> <td>4</td> </tr> <tr> <td>Pin Cherry</td> <td>11</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>20</td> <td>Sapling</td> <td>2</td> <td>4</td> </tr> <tr> <td>Red Pine</td> <td>15</td> <td>Sapling</td> <td>1</td> <td>3</td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | | Northern Pin Oak | 50 | Sapling | 1 | 4 | Pin Cherry | 11 | Sapling | 1 | | Quaking Aspen | 20 | Sapling | 2 | 4 | Red Pine | 15 | Sapling | 1 | 3 | <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 Pine</td> <td>Low</td> <td>< 5 feet</td> <td>Sapling</td> </tr> </tbody> </table> | | Sub-Canopy Species | Density | Avg. Height | Size | Red Pine | Low | < 5 feet | Sapling | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | 50 | Sapling | 1 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pin Cherry | 11 | Sapling | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 20 | Sapling | 2 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | 15 | Sapling | 1 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Pine | Low | < 5 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|-------------------|------------|------------|----------|-----------------|---|-----------|----|--------------|----|----|------------------|----|--------------|----|----|--|----|----------|----|--------------------|--|-------------|------|-----------|--------------------|--------------|-------------|--------------|-----------|----------|----------|-----------|------------|----------|----------|----------------|------------|--------------|----------|------------|---------------|----------|----------|--------------|-----|-------------|---------|-------------|-----|-------------|------------|
| 223 | 4123 - Red Oak | Sawtimber Medium | 2.5 | 95 | 1-50 | N/A | Has a couple of RO stump sprouts, but not much. Red maple and aspen dominating the regeneration. Some sraggly and suppressed white oak were left within the sale. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Oak</td> <td>80</td> <td>Log</td> <td>14</td> <td>95</td> </tr> <tr> <td>White Oak</td> <td>18</td> <td>Log</td> <td>12</td> <td></td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | | Red Oak | 80 | Log | 14 | 95 | White Oak | 18 | 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>Red Maple</td> <td>High</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Oak</td> <td>Low</td> <td>< 5 feet</td> <td>Sapling</td> </tr> <tr> <td>White Oak</td> <td>Low</td> <td>< 5 feet</td> <td>Sapling</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>High</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Black Cherry</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Witch Hazel</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table> | | | | Sub-Canopy Species | Density | Avg. Height | Size | Red Maple | High | 10 - 20 feet | Sapling | Red Oak | Low | < 5 feet | Sapling | White Oak | Low | < 5 feet | Sapling | Bigtooth Aspen | High | 10 - 20 feet | Sapling | White Pine | Low | Variable | Sapling | Black Cherry | Low | 5 - 10 feet | Sapling | Witch Hazel | Low | 5 - 10 feet | Tall Shrub |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Oak | 80 | Log | 14 | 95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | 18 | Log | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | High | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Oak | Low | < 5 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Oak | Low | < 5 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bigtooth Aspen | High | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | Low | 5 - 10 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Witch Hazel | Low | 5 - 10 feet | Tall Shrub | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 224 | 122 - Road/Parking Lot | Nonstocked | 0.6 | 0 | | No | Gravel county road | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 225 | 122 - Road/Parking Lot | Nonstocked | 3.2 | 0 | | No | I-75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 226 | 31021 - Cool Season Grass | Nonstocked | 0.9 | | | Managed Opening | This is a grass opening the private landowner to the north had been using for a food plot. He was notified of the trespass and told to cease. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 227 | 4191 - Mixed Upland Deciduous with Conifer | Sawtimber Well | 10.9 | 98 | 51-80 | N/A | Upland site that has some seasonal flooding. The outer fringes are more lowland characteristics. Mainly a mature oak and jack pine stand with dense red maple understory. Pockets of oak decline all over followed by some jack pine death. The understory is dense red maple with some white pine. Could salvage some of the oak and jack pine but would cause too much regeneration damage and don't believe much oak or jack pine will come in post harvest. Best to let the overstory die off and let the maple take over with some pine and oak mixing in. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <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>31</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> <tr> <td>Northern Pin Oak</td> <td>37</td> <td>Log/XLog</td> <td>15</td> <td>98</td> </tr> <tr> <td>Jack Pine</td> <td>28</td> <td>Log/Pole</td> <td>10</td> <td>86</td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | | Red Maple | 31 | Pole/Sapling | 6 | | Northern Pin Oak | 37 | Log/XLog | 15 | 98 | Jack Pine | 28 | Log/Pole | 10 | 86 | <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>Variable</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Quaking Aspen</td> <td>Low</td> <td>>20 feet</td> <td>Sapling</td> </tr> </tbody> </table> | | | | Sub-Canopy Species | Density | Avg. Height | Size | Red Maple | High | Variable | Sapling | Balsam Fir | Low | Variable | Sapling | White Pine | Low | Variable | Sapling | Quaking Aspen | Low | >20 feet | Sapling | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 31 | Pole/Sapling | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northern Pin Oak | 37 | Log/XLog | 15 | 98 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jack Pine | 28 | Log/Pole | 10 | 86 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | High | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White Pine | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | Low | >20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 229 | 6117 - Lowland Deciduous, Mixed Coniferous | Sapling Medium | 2.4 | 33 | Immature | N/A | Wet aspen stand that was regenerated in 1986. More wet ground than high. The water table may have risen post harvest. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 38 | Sapling | 3 | 33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 35 | Sapling/Pole | 4 | 33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Spruce | 23 | Sapling | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Medium | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balsam Fir | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 230 | 122 - Road/Parking Lot | Nonstocked | 4.5 | 0 | | No | Robinson Lake Road | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 231 | 6112 - Lowland Aspen | Poletimber Medium | 1.9 | 37 | 51-80 | N/A | aspen that came back on some lower ground. the center of the stand is a wet prairie. low quality aspen stand. do not treat. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <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>18</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>80</td> <td>Pole/Sapling</td> <td>7</td> <td>37</td> </tr> </tbody> </table> | | Canopy Species | % Cover | Size Class | DBH | Age | | Red Maple | 18 | Pole/Sapling | 6 | | Quaking Aspen | 80 | Pole/Sapling | 7 | 37 | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Black Cherry</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table> | | | | Sub-Canopy Species | Density | Avg. Height | Size | Red Maple | Medium | 10 - 20 feet | Sapling | Black Cherry | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | |
| Canopy Species | % Cover | Size Class | DBH | Age | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | 18 | Pole/Sapling | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quaking Aspen | 80 | Pole/Sapling | 7 | 37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sub-Canopy Species | Density | Avg. Height | Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Red Maple | Medium | 10 - 20 feet | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cherry | Low | Variable | Sapling | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Stand | Level 4 Cover Type | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments | | |
|-----------------------|--------------------------|-----------------|-------------------|------------|------------|---------------------------|-------------------|--------------------|-------------|
| 233 | 42110 - Planted Red Pine | Poletimber Well | 2.3 | 54 | 111-140 | N/A | Thinned last YOE. | | |
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size |
| Red Pine | | 100 | Log/Pole | 10 | 54 | Pin Cherry | Low | < 5 feet | Sapling |
| 235 | 42110 - Planted Red Pine | Sawtimber Well | 4.5 | 54 | 111-140 | N/A | Thinned last YOE. | | |
| Canopy Species | | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size |
| Red Pine | | 100 | Log/Pole | 12 | 54 | Pin Cherry | Low | < 5 feet | Sapling |