



# Compartment Review Presentation

Sault Ste. Marie Forest Management Unit

Compartment 45108

Entry Year 2025

Acreage: 1,926

County Mackinac

Management Area: St. Ignace Lake Plain

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**Stand Examiner:** Cody Flatt

## Legal Description:

T43N-R6W, Sections 1 – 3

## Identified Planning Goals:

The compartment is located south of Trout Lake approximately two and one half miles. This compartment is composed of a variety of lowland and upland types and species. The eastern half of the compartment is mostly red pine, jack pine and aspen, both high and low ground. The western half of the compartment is mostly lowland types of lowland brush, black spruce and cedar. Most of the red pine stands have been treated in the past. Most of the jack pine was cut either in the early 1990's or late 1990's. Proposed management within the compartment for this treatment period will focus primarily on red pine stands along with one white pine stand and a stand of tamarack and black spruce. The Carp River transects the middle of the compartment, flowing north to south, and the Ozark Creek cuts through the southeastern corner of the compartment. The Carp River is designated as a wild and scenic river in the stretch downstream on the Hiawatha National Forest.

## Soil and topography:

The compartment is located south of Trout Lake approximately two and one half miles. This compartment is composed of a variety of lowland and upland types and species. The eastern half of the compartment is mostly red pine, jack pine and aspen, both high and low ground. The western half of the compartment is mostly lowland types of lowland brush, black spruce and cedar. Most of the red pine stands have been treated in the past. Most of the jack pine was cut either in the early 1990's or late 1990's. Proposed management within the compartment for this treatment period will focus primarily on red pine stands along with one white pine stand and a stand of tamarack and black spruce. The Carp River transects the middle of the compartment, flowing north to south, and the Ozark Creek cuts through the southeastern corner of the compartment. The Carp River is designated as a wild and scenic river in the stretch downstream on the Hiawatha National Forest.

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

The north, west and south sections surrounding the compartment are in state ownership. The sections to the east are in federal ownership on the Hiawatha National Forest.

## Unique Natural Features:

MNFI has identified records of a northern wet meadow and a muskeg within the compartment. Carp River and Ozark Creek flow through the compartment.

## Archeological, Historical, and Cultural Features:

No Archeological, Historical, or Cultural Features known.

## Special Management Designations or Considerations:

The Carp River is designated as a wild and scenic river in the stretch downstream on the Hiawatha National Forest. Adequate buffers will be left along Carp River. The ORV trail within stands to be harvested will be signed and kept clear of logging debris daily while harvesting operations take place.

## Watershed and Fisheries Considerations:

The Carp River, a designated trout stream with Type 4 trout stream regulations, flows through this compartment. A no clear-cut buffer of at least 300 feet should be kept adjacent to this river. Prescribed treatments are appropriate for the protection of this waterbody.

## Wildlife Habitat Considerations:

This compartment is part of the St. Ignace Lake Plain Management Area. The Carp River runs through the compartment near its center. Pine is common particularly near the river. Further west, stands are dominated by upland and lowland conifers including cedar, spruce, tamarack, and white pine. Aspen and pine (red and jack) are common east of the river, but there is lowland conifer habitat as well. Sandy soils dominate in uplands, supporting the pine that is a component of many stands.

Wildlife management objectives include maintaining aspen habitat preferably in varying age classes, maintaining upland

and lowland conifer stands while also encouraging diversity, and protecting the river, riparian corridor, and wetlands. Regeneration from some lowland conifer stands planned for treatment will provide habitat for species like snowshoe hare. Other stands, both upland and lowland, will be left to mature. Cedar and hemlock will be left where present, and many white pine will remain. These activities will benefit blackburnian warblers, black bear, and a variety of other species. The aspen present benefits deer and numerous other species including ruffed grouse and other birds. The riverine and riparian communities will be protected by placing a no-cut buffer along the river. All natural community types will be protected; no harvesting will occur within these identified areas.

### **Mineral Resource and Development Concerns and/or Restrictions**

Surface sediments consist of lacustrine (lake) sand and thin to discontinuous glacial till over bedrock. There is insufficient data to determine the glacial drift thickness. The Silurian Engadine and Manistique and Burnt Bluff Groups subcrop below the glacial drift. No known potential exists for commercial oil & gas production in this part of the state, and there is no known metallic mineral potential in this area. The State-owned Trout Lake Sand Pit is just north of the compartment and was formerly leased to the county road commission. There may be potential for sand (and perhaps minor amounts of gravel) within the compartment on the uplands, but the compartment might be too far from populated areas (commercial markets) for any aggregate resources present to have much economic value beyond use by the county road commission or DNR for road maintenance. Payne & Dolan operate a quarry producing crushed limestone/dolostone for aggregate less than two miles southeast. High-purity (industrial) limestone reserves are known to occur beneath the compartment but may be too deep to have significant economic value. Graymont is developing the same resource several miles to the west with existing rail transportation infrastructure. Development of a new commercial mining operation within the compartment is unlikely. The State does not own all the mineral rights within the compartment. Because the mineral estate is the dominant estate, the surface owner must provide the owner of the mineral rights reasonable access to the surface for mineral exploration and development.

### **Vehicle Access:**

The compartment has good vehicle access to the higher ground areas. The Carp River Truck Trail runs north and south through the middle of the compartment. The access into Section 1 is the Huckleberry Lake Road from the north. These roads are mainly sand that could use gravel when hauling occurs, especially during extended dry periods. Some roadwork has been done on these sand roads by various timber sale contractors. The J.T. Camp Road cuts through the southwestern portion of the compartment. The J.T. Camp Road recently had some work done by timber sale contractors and is now in drivable shape except for the portion of the road south of this compartment. There are few two-track roads accessing other areas of the compartment.

### **Survey Needs:**

No new survey projects are required for this compartment with adequate corners present.

### **Recreational Facilities and Opportunities:**

The only developed recreation facilities within this compartment is the Brevort-Trout Lake Motorcycle trail and snowmobile #2. Both of these trails run through the middle of the compartment, and the motorcycle trail also runs through the southwest corner of the compartment. Unless absolutely necessary for winter logging, avoid using the groomed trail for hauling. Do not skid along the motorcycle trail. If skidding across the MC trail is necessary, keep the trail clear of slash and logging debris. Do not cut trees with trail markers on them, unless absolutely necessary (as in a clear cut). If cutting is required, then cut above the trail marker. The compartment is heavily used for all types of recreational activities including motorized vehicle use, fishing, hunting, trapping and nature viewing.

### **Fire Protection:**

The eastern half of the compartment has a potential for a moderate to higher intensity fire. The Thunder Alley Fire burned through portions of section 11 (to the south) in 1999. The west portion of the compartment has lower fire intensity potential. The problem of ground fire does exist in this portion of the compartment. The response time to a fire in this area will be longer due to the distance from the field office and the road conditions in the area.

### **Additional Compartment Information:**

**The following reports from the Inventory are attached:**

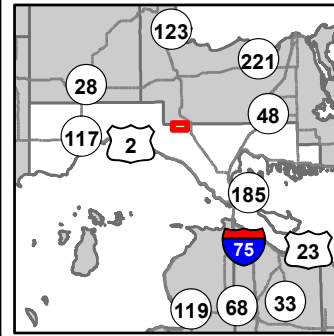
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

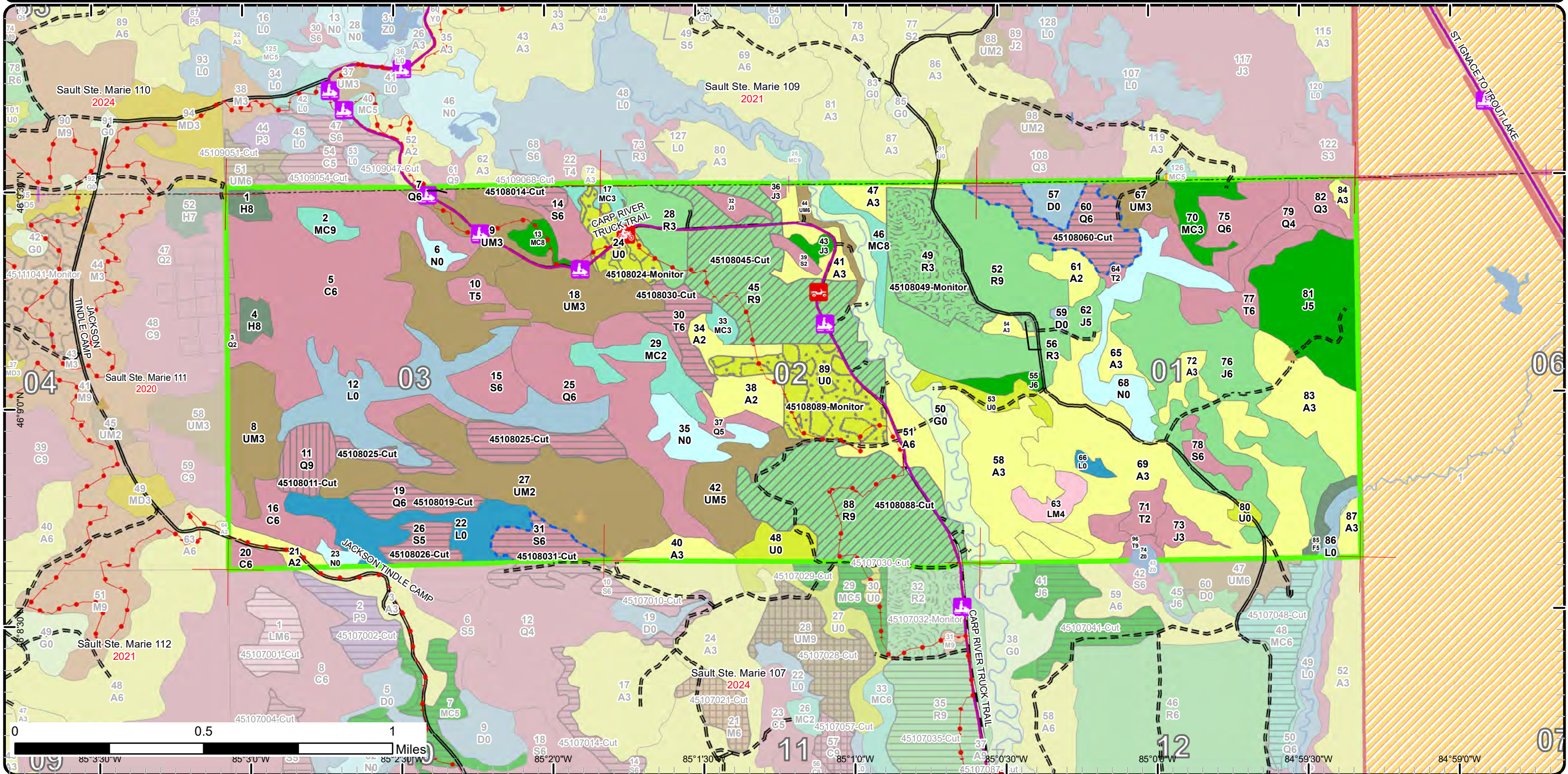
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

# Cover Type & Treatments Map

Compartment: 108  
 T43N, R06W, Sec. 1-3  
 County: Mackinac  
 Unit: Sault Ste. Marie  
 Mgmt Area: St. Ignace Lake Plain  
 YOE: 2025  
 Acres: 1925.9 GIS Calculated  
 Examiner: Cody Flatt  
 Map Revised: 8/2/2023  
 Map Phase: Review

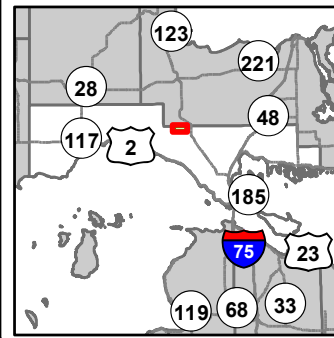


- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- 🏍️ Motorcycle Trails (DNR License)
- 🛵 ORV Routes
- 🛷 Snowmobile Trails
- ORV License & Trail Permit
- Designated ORV Route
- Designated Snowmobile Trails
- Designated RailTrail
- ▲ Berms
- Culvert
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Compartment Boundary
- Treatments with Site Conditions
- Clearcut (w/Reserves)
- Thinning (Crown, Low, Systematic)
- Regeneration Survey
- Shelter Wood (w/Reserves)
- Monitoring
- 413 - Aspen
- 421 - Planted Pines
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- 629 - Mixed Non-forested Wetland



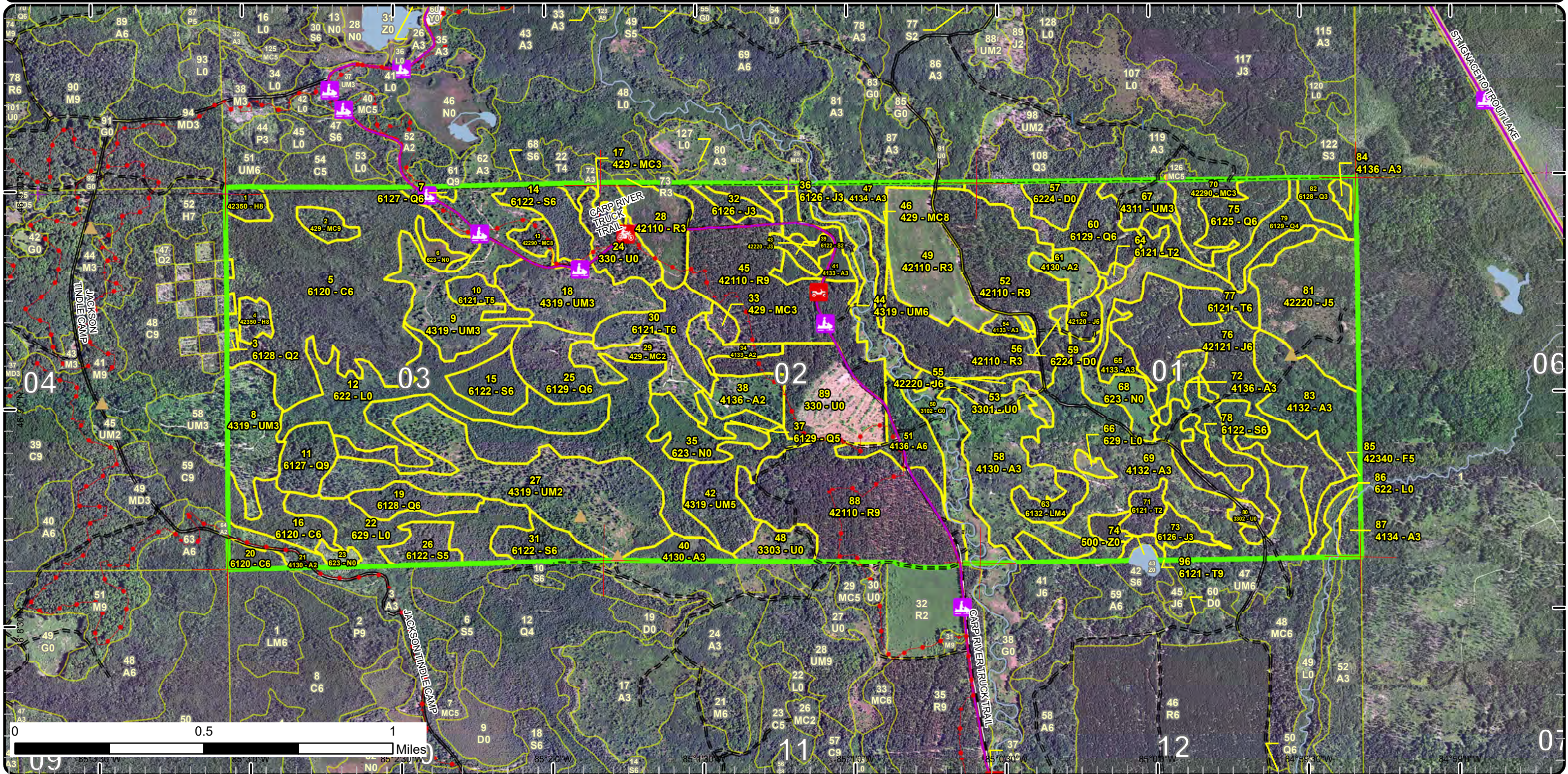
# Stand Boundary Map

Compartment: 108  
 T43N, R06W, Sec. 1-3  
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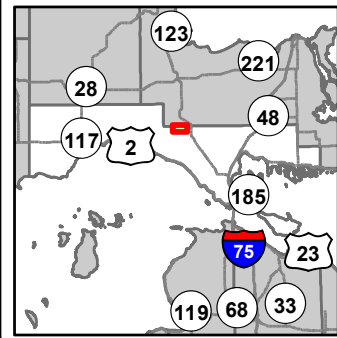
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- ORV License & Trail Permit
- Designated ORV Route
- Designated Snowmobile Trails
- Designated RailTrail
- ▲ Berms
- Culvert
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Compartment Boundary
- Stand Boundaries

- 430 - Upland Mixed Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- 629 - Mixed Non-forested Wetland
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- 421 - Planted Pines
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers

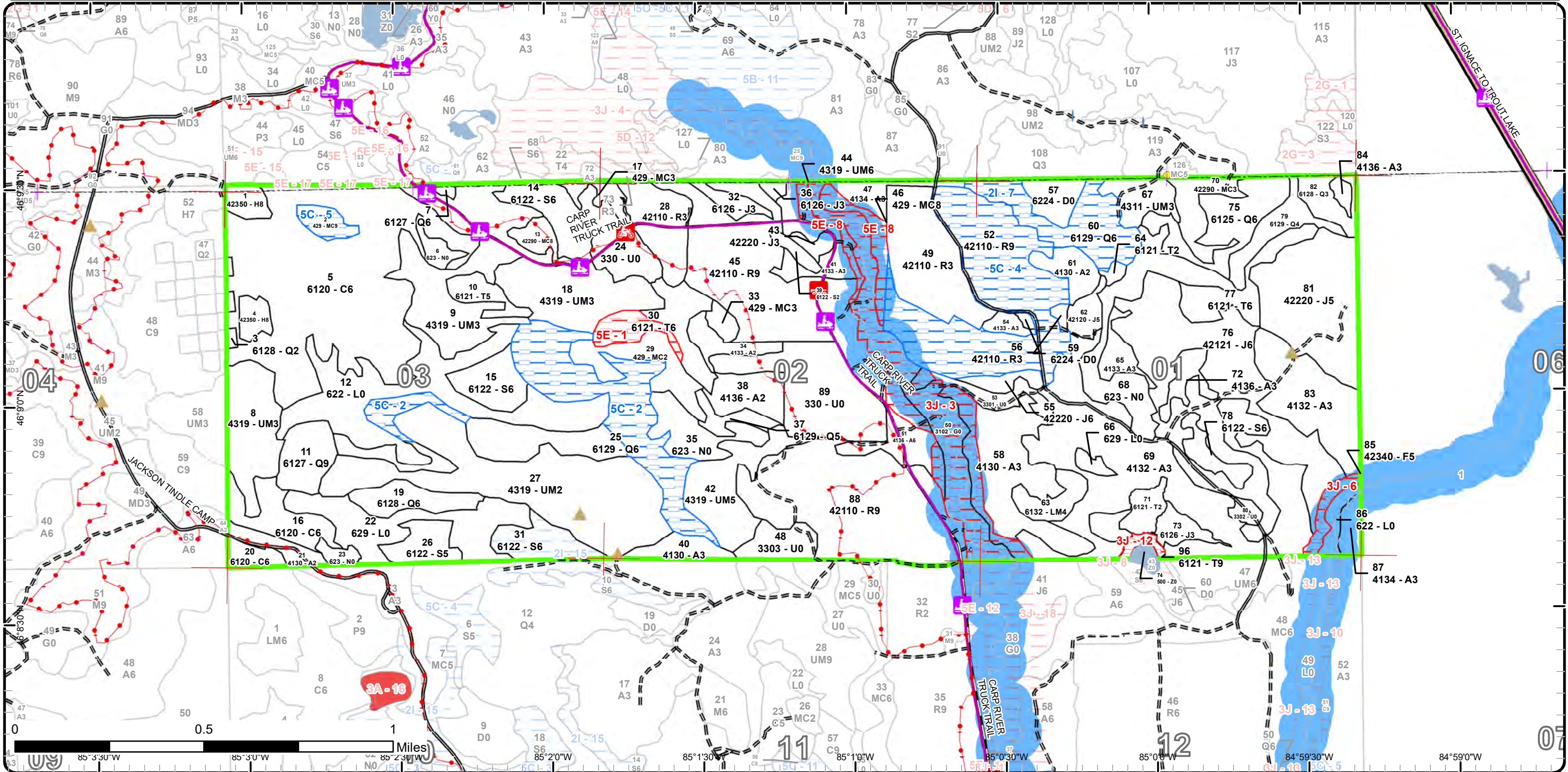


# Special Conservation Areas

Compartment: 108  
 T43N, R06W, Sec. 1-3  
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 Mgmt Area: St. Ignace Lake Plain  
 YOE: 2025  
 Acres: 1925.9 GIS Calculated  
 Examiner: Cody Flatt  
 Map Revised: 8/2/2023  
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- Designated ORV Route
- Designated Snowmobile Trails
- Designated RailTrail
- ▲ Berms
- ⏏ Culvert
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Compartment Boundary
- Available w/ Constraints
- 2i Survey needed
- 5C Delay treatment for age/size class diversity or exceptional site quality
- Unavailable
- 3J Water quality / BMPs (stream, river, or lake)
- 5E Long-Term Retention
- Stand Boundaries
- SCA
- Ecological Reference Areas
- Cold Water Streams
- High Priority Trout Stream Buffer
- Trail - Trail Corridor



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+     | Unseen-Aged | Total       |
|----------------------|------------|----------|------------|------------|------------|-----------|-----------|-----------|------------|------------|-----------|-----------|----------|----------|------------|----------|----------|-------------|-------------|
| Aspen                | 0          | 0        | 71         | 146        | 84         | 0         | 0         | 0         | 0          | 0          | 0         | 0         | 0        | 0        | 0          | 0        | 0        | 0           | 301         |
| Cedar                | 0          | 0        | 0          | 0          | 0          | 0         | 0         | 0         | 0          | 0          | 18        | 6         | 0        | 0        | 143        | 0        | 0        | 0           | 167         |
| Hemlock              | 0          | 0        | 0          | 0          | 0          | 0         | 0         | 0         | 0          | 6          | 5         | 0         | 0        | 0        | 0          | 0        | 0        | 0           | 11          |
| Herbaceous Openland  | 45         | 0        | 0          | 0          | 0          | 0         | 0         | 0         | 0          | 0          | 0         | 0         | 0        | 0        | 0          | 0        | 0        | 0           | 45          |
| Jack Pine            | 0          | 0        | 0          | 71         | 100        | 5         | 0         | 0         | 0          | 0          | 0         | 0         | 0        | 0        | 0          | 0        | 0        | 0           | 176         |
| Low-Density Trees    | 84         | 0        | 0          | 0          | 0          | 0         | 0         | 0         | 0          | 0          | 0         | 0         | 0        | 0        | 0          | 0        | 0        | 0           | 84          |
| Lowland Conifers     | 0          | 0        | 2          | 0          | 54         | 29        | 0         | 0         | 103        | 0          | 0         | 16        | 0        | 0        | 0          | 0        | 0        | 0           | 204         |
| Lowland Mixed Forest | 0          | 0        | 0          | 0          | 0          | 0         | 9         | 0         | 0          | 0          | 0         | 0         | 0        | 0        | 0          | 0        | 0        | 0           | 9           |
| Lowland Shrub        | 105        | 0        | 0          | 0          | 0          | 0         | 0         | 0         | 0          | 0          | 0         | 0         | 0        | 0        | 0          | 0        | 0        | 0           | 105         |
| Lowland Spruce/Fir   | 0          | 0        | 0          | 0          | 3          | 23        | 14        | 11        | 14         | 0          | 0         | 0         | 0        | 0        | 0          | 0        | 0        | 0           | 65          |
| Marsh                | 55         | 0        | 0          | 0          | 0          | 0         | 0         | 0         | 0          | 0          | 0         | 0         | 0        | 0        | 0          | 0        | 0        | 0           | 55          |
| Natural Mixed Pines  | 0          | 0        | 0          | 0          | 13         | 0         | 0         | 7         | 0          | 0          | 0         | 0         | 0        | 0        | 0          | 0        | 0        | 0           | 19          |
| Red Pine             | 0          | 0        | 60         | 0          | 0          | 0         | 0         | 0         | 0          | 253        | 0         | 0         | 0        | 0        | 0          | 0        | 0        | 0           | 313         |
| Tamarack             | 0          | 7        | 2          | 0          | 8          | 23        | 16        | 0         | 0          | 3          | 0         | 0         | 0        | 0        | 0          | 0        | 0        | 0           | 58          |
| Treed Bog            | 10         | 0        | 0          | 0          | 0          | 0         | 0         | 0         | 0          | 0          | 0         | 0         | 0        | 0        | 0          | 0        | 0        | 0           | 10          |
| Upland Conifers      | 0          | 0        | 24         | 4          | 0          | 9         | 0         | 0         | 0          | 0          | 0         | 6         | 0        | 0        | 0          | 0        | 0        | 0           | 43          |
| Upland Mixed Forest  | 0          | 0        | 173        | 35         | 39         | 0         | 0         | 0         | 0          | 0          | 6         | 0         | 0        | 0        | 0          | 0        | 0        | 0           | 253         |
| Upland Spruce/Fir    | 0          | 0        | 0          | 0          | 0          | 0         | 0         | 5         | 0          | 0          | 0         | 0         | 0        | 0        | 0          | 0        | 0        | 0           | 5           |
| Water                | 1          | 0        | 0          | 0          | 0          | 0         | 0         | 0         | 0          | 0          | 0         | 0         | 0        | 0        | 0          | 0        | 0        | 0           | 1           |
| <b>Total</b>         | <b>300</b> | <b>7</b> | <b>332</b> | <b>256</b> | <b>301</b> | <b>89</b> | <b>39</b> | <b>23</b> | <b>117</b> | <b>262</b> | <b>29</b> | <b>28</b> | <b>0</b> | <b>0</b> | <b>143</b> | <b>0</b> | <b>0</b> | <b>0</b>    | <b>1924</b> |



## Report 2 – Treatment Summary

Sault Ste. Marie Mgt. Unit  
Year of Entry: 2025

Acres of Harvest

Compartment 108  
Total Compartment Acres: 1,926

Commercial Harvest - 254  
Harvests with Site Condition - 43  
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 |
|--------------------|------------|-----------|----------------|-----------|-------------|------------|-------------------|----------|----------|-------------|
| Lowland Conifers   | 70         | 0         | 0              | 0         | 15          | 0          | 0                 | 0        | 0        | 85          |
| Lowland Spruce/Fir | 30         | 0         | 0              | 0         | 0           | 0          | 0                 | 0        | 0        | 30          |
| Red Pine           | 0          | 0         | 0              | 0         | 0           | 167        | 0                 | 0        | 0        | 167         |
| Tamarack           | 14         | 0         | 0              | 0         | 0           | 0          | 0                 | 0        | 0        | 14          |
| <b>Total</b>       | <b>115</b> | <b>0</b>  | <b>0</b>       | <b>0</b>  | <b>15</b>   | <b>167</b> | <b>0</b>          | <b>0</b> | <b>0</b> | <b>297</b>  |

### Proposed and Next Step Treatments by Method

|              | Harvest    | Site Prep | Planting | Seeding  | Burning  | Pesticide  | Monitoring | Other    | Non-Forest Mgt. | Total Acres |
|--------------|------------|-----------|----------|----------|----------|------------|------------|----------|-----------------|-------------|
| Current      | 297        | 0         | 0        | 0        | 0        | 0          | 97         | 0        | 0               | 394         |
| Next Step    | 0          | 0         | 0        | 0        | 0        | 143        | 145        | 0        | 0               | 287         |
| <b>Total</b> | <b>297</b> | <b>0</b>  | <b>0</b> | <b>0</b> | <b>0</b> | <b>143</b> | <b>242</b> | <b>0</b> | <b>0</b>        | <b>682</b>  |





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

**Proposed Treatments:**

|   |                     |      |                     |                |     |         |         |                            |                     |          |    |
|---|---------------------|------|---------------------|----------------|-----|---------|---------|----------------------------|---------------------|----------|----|
| <b>11</b>   | <b>45108011-Cut</b> | 15.0 | 6127 - Lowland Pine | Sawtimber Well | 102 | 141-170 | Harvest | Shelterwood with Retention | 6127 - Lowland Pine | Two-Aged | No |
| <p><u>Prescription</u> Mark to leave stand at 30-50 BA, focusing on retaining white pine and hemlock where possible. Cut all other conifer trees 4" or greater at DBH and all deciduous trees 2" or greater at DBH. Leave red pine. Leave patch or strip retention along the northern wet lowland and/or along the southern cedar and wet lowland stands. Stay out of wet areas. Treatment size may vary.</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> Pine, spruce, fir, tamarack, aspen, maple</p> <p><u>Other Comment:</u> Harvest during frozen winter or extreme dry summer.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p> |                     |      |                     |                |     |         |         |                            |                     |          |    |

|  |                     |      |  |                 |    |         |         |                         |                                 |           |    |
|--|---------------------|------|--|-----------------|----|---------|---------|-------------------------|---------------------------------|-----------|----|
| <b>19</b>  | <b>45108019-Cut</b> | 13.3 | 6128 - Lowland Coniferous, Mixed Deciduous | Poletimber Well | 74 | 111-140 | Harvest | Clearcut with Retention | 612 - Lowland Coniferous Forest | Even-Aged | No |
| <p><u>Prescription</u> Cut all conifer trees 4" or greater at DBH and all deciduous trees 2" or greater at DBH.</p> <p><u>Specs:</u> Leave 2-3 white pine per acre where possible (count as retention). 3%-10% retention left in patch or patches, should be left along lowland to south. Stay out of wet areas. Treatment size may vary.</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Spruce, tamarack, pine, fir, aspen, maple</p> <p><u>Other Comment:</u> Harvest during frozen winter or extreme dry summer.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p> |                     |      |  |                 |    |         |         |                         |                                 |           |    |

|   |                     |      |  |                 |    |        |         |                         |                                 |           |    |
|---|---------------------|------|--|-----------------|----|--------|---------|-------------------------|---------------------------------|-----------|----|
| <b>25</b>   | <b>45108025-Cut</b> | 27.9 | 6129 - Mixed Coniferous Lowland Forest | Poletimber Well | 78 | 81-110 | Harvest | Clearcut with Retention | 612 - Lowland Coniferous Forest | Even-Aged | No |
| <p><u>Prescription</u> Cut all conifer trees 4" or greater at DBH and all deciduous trees 2" or greater at DBH.</p> <p><u>Specs:</u> Leave 2-3 white pine per acre where possible. Retention will be area between the two harvest areas. Stay out of wet areas including the treed bog. Treatment size may vary.</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Spruce, tamarack, pine, fir, aspen, maple</p> <p><u>Other Comment:</u> Harvest during frozen winter or extreme dry summer.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p> |                     |      |  |                 |    |        |         |                         |                                 |           |    |



S  
t  
a  
n  
d

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

|                        |      |                     |                      |    |        |         |                         |                     |           |    |
|------------------------|------|---------------------|----------------------|----|--------|---------|-------------------------|---------------------|-----------|----|
| <b>26 45108026-Cut</b> | 11.1 | 6122 - Black Spruce | Poletimber<br>Medium | 63 | 81-110 | Harvest | Clearcut with Retention | 6122 - Black Spruce | Even-Aged | No |
|------------------------|------|---------------------|----------------------|----|--------|---------|-------------------------|---------------------|-----------|----|

Prescription Cut all all deciduous trees 2" or greater at DBH and all conifer trees 4" or greater at DBH. Leave 3-10% retention in patch or patches. Do not cut cedar. Leave some scattered white pine (count as retention). Stay out of excessively wet areas. Treatment size may vary.

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

Acceptable Regen: Spruce, cedar, tamarack, fir, aspen/bam, birch, red maple.

Other Comment: Crane mats may be needed for access.

Harvest during frozen winter or extreme dry summer due to saturated soils and access. Forester approval needed for summer harvest.

Site Condition

Proposed Start Date: 10/1 /2024

|                        |      |                 |                    |    |         |         |                         |                 |           |    |
|------------------------|------|-----------------|--------------------|----|---------|---------|-------------------------|-----------------|-----------|----|
| <b>30 45108030-Cut</b> | 14.1 | 6121 - Tamarack | Poletimber<br>Well | 47 | 111-140 | Harvest | Clearcut with Retention | 6121 - Tamarack | Even-Aged | No |
|------------------------|------|-----------------|--------------------|----|---------|---------|-------------------------|-----------------|-----------|----|

Prescription Cut all trees 4" or greater at DBH. Leave all cedar.  
Specs: Treatment size may vary due to wet ground and/or patches small diameter trees. Retention will be left on west side of stand and will most likely exceed the 3%-10% guidelines. Create brush piles for hare habitat. Winter cut only.

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

Acceptable Regen: Tamarack, spruce, fir, pine

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2024

|                        |      |                          |                   |    |         |         |                |                         |           |    |
|------------------------|------|--------------------------|-------------------|----|---------|---------|----------------|-------------------------|-----------|----|
| <b>45 45108045-Cut</b> | 80.1 | 42110 - Planted Red Pine | Sawtimber<br>Well | 83 | 111-140 | Harvest | Crown Thinning | 4211 - Planted Red Pine | Even-Aged | No |
|------------------------|------|--------------------------|-------------------|----|---------|---------|----------------|-------------------------|-----------|----|

Prescription Thin from above to 80-100 BA, focus on cutting larger diameter trees. Cut all merchantable deciduous.

Specs:

Next Step Treatments:

Acceptable Regen:

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2024



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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 |
|---|-------|--|----------------|-----------|----------|----------------|-------------------------|---------------------------------|---------------|-------------|
| <b>49 45108049-Monitor</b>  | 38.8  | 42110 - Planted Red Pine               | Sapling Well   | 11        | Immature | Monitoring     | Herbicide Use           | 4211 - Planted Red Pine         | Even-Aged     | No          |
| <p><u>Prescription</u> Monitor for RHPS and if monitoring shows that treatment is recommended, then spray when/if necessary with appropriate insecticide</p> <p><u>Specs:</u> recommended by Forest Health Specialist/TMS.</p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u></p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>  |       |  |                |           |          |                |                         |                                 |               |             |
| <b>56 45108056-Monitor</b>  | 1.0   | 42110 - Planted Red Pine               | Sapling Well   | 11        | Immature | Monitoring     | Herbicide Use           | 4211 - Planted Red Pine         | Even-Aged     | No          |
| <p><u>Prescription</u> Monitor for RHPS and if monitoring shows that treatment is recommended, then spray when/if necessary with appropriate insecticide</p> <p><u>Specs:</u> recommended by Forest Health Specialist/TMS.</p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> RP</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 /2024</p>   |       |  |                |           |          |                |                         |                                 |               |             |
| <b>60 45108060-Cut</b>  | 29.0  | 6129 - Mixed Coniferous Lowland Forest | Poetimber Well | 45        | 81-110   | Harvest        | Clearcut with Retention | 612 - Lowland Coniferous Forest | Even-Aged     | No          |
| <p><u>Prescription</u> Cut all trees that are 4" or greater at DBH</p> <p><u>Specs:</u> Leave 3%-10% retention in patch or patches. Create slash piles for hare habitat. Winter cut only. Stay out of areas that are too wet<br/>Treatment area may vary</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Tamarack, pine, spruce, fir, cedar, aspen</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 /2024</p> |       |  |                |           |          |                |                         |                                 |               |             |
| <b>88 45108088-Cut</b>  | 87.1  | 42110 - Planted Red Pine               | Sawtimber Well | 83        | 111-140  | Harvest        | Crown Thinning          | 4211 - Planted Red Pine         | Even-Aged     | No          |
| <p><u>Prescription</u> Thin from above to 80-100 BA , focus on cutting larger diameter trees. Cut all merchantable deciduous.</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u></p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>  |       |  |                |           |          |                |                         |                                 |               |             |



| S<br>t<br>a<br>n<br>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:**

|  |                         |      |                         |                 |    |             |            |                         |                            |           |    |
|--|-------------------------|------|-------------------------|-----------------|----|-------------|------------|-------------------------|----------------------------|-----------|----|
| <b>14</b>  | <b>45108014-Cut</b>     | 5.2  | 6122 - Black Spruce     | Poletimber Well | 46 | 51-80       | Harvest    | Clearcut with Retention | 6122 - Black Spruce        | Even-Aged | No |
| <p><u>Prescription</u> Final harvest all species 2 inches and greater. Leave 3-10% retention. Winter harvest only.<br/> <u>Specs:</u><br/> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)<br/> <u>Treatments:</u><br/> <u>Acceptable</u> Moderate to fully stocked Spruce, pine, fir, aspen, and maple.<br/> <u>Regen:</u><br/> <u>Other</u> cut with stand to the north compartment.<br/> <u>Comment:</u><br/> <u>Site Condition</u><br/> <u>Proposed Start Date:</u> 10/1 /2020</p>   |                         |      |                         |                 |    |             |            |                         |                            |           |    |
| <b>24</b>  | <b>45108024-Monitor</b> | 15.1 | 330 - Low-Density Trees | Nonstocked      | 0  | Unspecified | Monitoring | Artificial Regen(3yr)   | 4211 - Planted Red Pine    | Even-Aged | No |
| <p><u>Prescription</u><br/> <u>Specs:</u><br/> <u>Next Step</u> Monitoring, Herbicide Use; Pesticide, Aerial - Release<br/> <u>Treatments:</u><br/> <u>Acceptable</u> RP<br/> <u>Regen:</u><br/> <u>Other</u> Percent to Treat = 100%<br/> <u>Comment:</u><br/> <u>Site Condition</u><br/> <u>Proposed Start Date:</u> 10/1 /2023</p>  |                         |      |                         |                 |    |             |            |                         |                            |           |    |
| <b>31</b>  | <b>45108031-Cut</b>     | 14.1 | 6122 - Black Spruce     | Poletimber Well | 79 | 111-140     | Harvest    | Clearcut with Retention | 613 - Lowland Mixed Forest | Two-Aged  | No |
| <p><u>Prescription</u> Cut all deciduous over 2" DBH and conifers over 4" DBH. Leave all white and red pine over 20" DBH. Also retain any patches of immature trees and patches of closed canopy cedar. Treatment size may vary after prep is done.<br/> <u>Specs:</u><br/> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)<br/> <u>Treatments:</u><br/> <u>Acceptable</u> Spruce, cedar, tamarack, pine, birch, aspen.<br/> <u>Regen:</u><br/> <u>Other</u><br/> <u>Comment:</u><br/> <u>Site Condition</u> Survey Needed<br/> <u>Proposed Start Date:</u> 10/1 /2024</p> |                         |      |                         |                 |    |             |            |                         |                            |           |    |
| <b>89</b>  | <b>45108089-Monitor</b> | 42.5 | 330 - Low-Density Trees | Nonstocked      | 0  | Unspecified | Monitoring | Artificial Regen(3yr)   | 4211 - Planted Red Pine    | Even-Aged | No |
| <p><u>Prescription</u><br/> <u>Specs:</u><br/> <u>Next Step</u> Pesticide, Skidder - Release; Pesticide, Aerial - Release; Pesticide, Skidder - Site Prep<br/> <u>Treatments:</u><br/> <u>Acceptable</u> fully to moderate stocked red pine<br/> <u>Regen:</u><br/> <u>Other</u> Percent to Treat = 100%<br/> <u>Comment:</u><br/> <u>Site Condition</u><br/> <u>Proposed Start Date:</u> 10/1 /2023</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 |
|----------------|-------|-----------------|--------------|-----------|----------|----------------|------------------|----------------------|---------------|-------------|
|----------------|-------|-----------------|--------------|-----------|----------|----------------|------------------|----------------------|---------------|-------------|

Total Treatment Acreage Proposed: 394.3

## Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Cody Flatt : Examiner

Compartment: 108

Year of Entry: 2025

### Availability for Management

| Total<br>Acres | Acres<br>Available | Acres Avail    |               | Dominant Site Conditions | Dominant Site Conditions |     |    |    |
|----------------|--------------------|----------------|---------------|--------------------------|--------------------------|-----|----|----|
|                |                    | With Condition | Not Available |                          | 2I                       | 5C  | 3J | 5E |
| 302            | 284                | 0              | 18            | Aspen                    |                          |     | 18 |    |
| 166            | 166                | 0              | 0             | Cedar                    |                          |     |    |    |
| 11             | 11                 | 0              | 0             | Hemlock                  |                          |     |    |    |
| 45             | 0                  | 0              | 45            | Herbaceous Openland      |                          |     | 45 | 0  |
| 177            | 177                | 0              | 0             | Jack Pine                |                          |     | 0  |    |
| 84             | 82                 | 0              | 1             | Low-Density Trees        |                          |     | 1  |    |
| 204            | 113                | 91             | 0             | Lowland Conifers         | 29                       | 62  |    |    |
| 9              | 9                  | 0              | 0             | Lowland Mixed Forest     |                          |     |    |    |
| 105            | 105                | 0              | 0             | Lowland Shrub            |                          |     |    |    |
| 65             | 51                 | 14             | 0             | Lowland Spruce/Fir       | 14                       |     |    |    |
| 55             | 55                 | 0              | 0             | Marsh                    |                          |     |    |    |
| 19             | 19                 | 0              | 0             | Natural Mixed Pines      |                          |     |    |    |
| 313            | 228                | 86             | 0             | Red Pine                 |                          | 86  |    |    |
| 58             | 47                 | 0              | 11            | Tamarack                 |                          |     | 3  | 8  |
| 11             | 11                 | 0              | 0             | Treed Bog                |                          |     |    |    |
| 43             | 28                 | 6              | 9             | Upland Conifers          |                          | 6   | 0  | 9  |
| 252            | 246                | 0              | 6             | Upland Mixed Forest      |                          |     | 0  | 6  |
| 5              | 0                  | 0              | 5             | Upland Spruce/Fir        |                          |     | 5  |    |
| 1              | 1                  | 0              | 0             | Water                    |                          |     | 0  |    |
| 1,926          | 1,634              | 197            | 95            | Total Forested Acres     | 43                       | 154 | 72 | 23 |
|                | 85%                | 10%            | 5%            | 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  | Unavailable        |                            | 5E: Long-Term Retention | 9     | Unspecified          | Unspecified          | Unspecified          | Unspecified          |
| <b>Comments:</b>   |                    |                            |                         |       |                      |                      |                      |                      |
| This will be retention of harvest, boundary may change after timber sale boundary has been established |                    |                            |                         |       |                      |                      |                      |                      |

## Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Compartment: 108

Cody Flatt : Examiner

Year of Entry: 2025

|   |                    |   |    |             |             |             |             |
|---|--------------------|---|----|-------------|-------------|-------------|-------------|
| 2   | <b>Available</b>   | <b>5C: Delay treatment for age/size class diversity or exceptional site quality</b> | 62 | Unspecified | Unspecified | Unspecified | Unspecified |
| <b>Comments:</b>  |                    |   |    |             |             |             |             |
| 3   | <b>Unavailable</b> | <b>3J: Water quality / BMPs (stream, river, or lake)</b>                            | 64 | Unspecified | Unspecified | Unspecified | Unspecified |
| <b>Comments:</b>  |                    |   |    |             |             |             |             |
| 4   | <b>Available</b>   | <b>5C: Delay treatment for age/size class diversity or exceptional site quality</b> | 86 | Unspecified | Unspecified | Unspecified | Unspecified |
| <b>Comments:</b><br>Hold for ten years then final harvest                     |                    |   |    |             |             |             |             |
| 5   | <b>Available</b>   | <b>5C: Delay treatment for age/size class diversity or exceptional site quality</b> | 6  | Unspecified | Unspecified | Unspecified | Unspecified |
| <b>Comments:</b><br>Harvest stand when adjacent or nearby stands are entered. |                    |   |    |             |             |             |             |
| 6   | <b>Unavailable</b> | <b>3J: Water quality / BMPs (stream, river, or lake)</b>                            | 5  | Unspecified | Unspecified | Unspecified | Unspecified |
| <b>Comments:</b>  |                    |   |    |             |             |             |             |
| 7   | <b>Available</b>   | <b>2I: Survey needed</b>  | 29 | Unspecified | Unspecified | Unspecified | Unspecified |
| <b>Comments:</b>  |                    |   |    |             |             |             |             |

**Report 4 – Site Conditions**

|   |             |  |    |   |             |             |             |
|---|-------------|--|----|---|-------------|-------------|-------------|
| 8   | Unavailable | 5E: Long-Term Retention                              | 15 | 3J: Water quality / BMPs<br>(stream, river, or lake)                | Unspecified | Unspecified | Unspecified |
| <b>Comments:</b>  |             |  |    |   |             |             |             |
| 12  | Unavailable | 3J: Water quality / BMPs<br>(stream, river, or lake) | 3  | 2G: Too wet (sensitive<br>soils, does not include<br>access issues) | Unspecified | Unspecified | Unspecified |
| <b>Comments:</b><br>This portion of the stand is wet and is being left as a buffer for the pond/wetland area. |             |  |    |   |             |             |             |



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

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Comments

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**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 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               | Riparian Area     | A transitional area between aquatic and terrestrial ecosystems in which the terrestrial ecosystem influences the aquatic ecosystem and vice-versa. Because of the unique conditions adjacent to lakes, streams and open water wetlands, riparian areas harbor a high diversity of plants and wildlife. Riparian communities are ecologically and socially significant in their effects on water quality and quantity, as well as aesthetics, habitat, bank stability, timber production, and their contribution to overall biodiversity. |



| Stand                 | Level 4 Cover Type                         | Size Density     | Acres             | Stand Age  | BA Range   | Managed Site              | General Comments   |                |                    |             |
|-----------------------|--|------------------|-------------------|------------|------------|---------------------------|--|----------------|--------------------|-------------|
| 1                     | 42350 - Upland Hemlock                     | Sawtimber Medium | 5.9               | 88         | 51-80      | N/A                       | Stand was thinned to encourage hemlock regeneration as part of JT's Junk in 2010. There is a fair amount of hemlock regeneration present regardless of the amount of deer sign present in the stand.   |                |                    |             |
| <b>Canopy Species</b> |  | <b>% Cover</b>   | <b>Size Class</b> | <b>DBH</b> | <b>Age</b> | <b>Sub-Canopy Species</b> |  | <b>Density</b> | <b>Avg. Height</b> | <b>Size</b> |
| Red Maple             |  | 2                | Pole              | 5          |            | Northern White Cedar      |  | Low            | 10 - 20 feet       | Pole        |
| White Pine            |  | 10               | Log/XLog          | 17         |            | Red Maple                 |  | Medium         | < 5 feet           | Sapling     |
| Hemlock               |  | 88               | Log               | 14         | 88         | Hemlock                   |  | Low            | 5 - 10 feet        | Sapling     |
|                       |  |                  |                   |            |            | Balsam Fir                | Medium   | < 5 feet       | Sapling            |             |
| 2                     | 429 - Mixed Upland Conifers                | Sawtimber Well   | 6.3               | 102        | 81-110     | N/A                       | An island out in the middle of the cedar swamp that can be seen from the ridge on the carp river truck trail. May be able to access fro the west , looks like there may be an old ice road from the west.  |                |                    |             |
| <b>Canopy Species</b> |  | <b>% Cover</b>   | <b>Size Class</b> | <b>DBH</b> | <b>Age</b> | <b>Sub-Canopy Species</b> |  | <b>Density</b> | <b>Avg. Height</b> | <b>Size</b> |
| Red Maple             |  | 20               | Log/Pole          | 10         |            | Conifers                  |  | Medium         | Variable           | Sapling     |
| Black Spruce          |  | 10               | Pole              | 8          |            |                           |  |                |                    |             |
| White Pine            |  | 50               | Log               | 14         | 102        |                           |  |                |                    |             |
| Hemlock               |  | 20               | Log               | 13         |            |                           |  |                |                    |             |
| 3                     | 6128 - Lowland Coniferous, Mixed Deciduous | Sapling Medium   | 2.2               | 18         | Immature   | N/A                       | These little stands were clear cut in 2005. They are right on the edge of being a forest stand. The Northern most area is definitely forested and coming in thick. Others are a bit more thin. There is cedar regen in some of the cuts, seems to be growing where there was soil disturbance, near the edges of the mature cedar patches and in some of the more saturated areas within the cuts. |                |                    |             |
| <b>Canopy Species</b> |  | <b>% Cover</b>   | <b>Size Class</b> | <b>DBH</b> | <b>Age</b> |                           |  |                |                    |             |
| Balsam Fir            |  | 35               | Sapling           | 2          | 18         |                           |  |                |                    |             |
| White Spruce          |  | 10               | Sapling           | 2          |            |                           |  |                |                    |             |
| White Pine            |  | 20               | Sapling           | 1          |            |                           |  |                |                    |             |
| Black Cherry          |  | 7                | Sapling           | 1          |            |                           |  |                |                    |             |
| Red Maple             |  | 15               | Sapling           | 1          |            |                           |  |                |                    |             |
| Hemlock               |  | 5                | Sapling           | 1          |            |                           |  |                |                    |             |
| 4                     | 42350 - Upland Hemlock                     | Sawtimber Medium | 5.4               | 96         | 51-80      | N/A                       | Stand was cut as part of JT'S Junk in 2010. It was a shelterwood with hemlock and white pine. There is lots of good regeneration coming up with lots of browse on the red maple. There is some cedar on the east edge where it transitions into lower, wetter ground.  |                |                    |             |
| <b>Canopy Species</b> |  | <b>% Cover</b>   | <b>Size Class</b> | <b>DBH</b> | <b>Age</b> | <b>Sub-Canopy Species</b> |  | <b>Density</b> | <b>Avg. Height</b> | <b>Size</b> |
| White Pine            |  | 35               | Log               | 16         |            | Hemlock                   |  | Low            | 5 - 10 feet        | Sapling     |
| Northern White Cedar  |  | 5                | Pole              | 8          |            | White Pine                |  | Medium         | 5 - 10 feet        | Sapling     |
| Hemlock               |  | 60               | Log               | 14         | 96         | Red Maple                 |  | Medium         | 5 - 10 feet        | Sapling     |
|                       |  |                  |                   |            |            | Balsam Fir                |  | Medium         | 5 - 10 feet        | Sapling     |
| 5                     | 6120 - Lowland Cedar                       | Poletimber Well  | 142.8             | 135        | 201+       | N/A                       | Wet cedar stand with a variety of other species mixed in. Waiting to see what there is for regeneration in the checkerboard cuts along the west edge of the stand before more of this stand is prescribed.   |                |                    |             |
| <b>Canopy Species</b> |  | <b>% Cover</b>   | <b>Size Class</b> | <b>DBH</b> | <b>Age</b> | <b>Sub-Canopy Species</b> |  | <b>Density</b> | <b>Avg. Height</b> | <b>Size</b> |
| Red Maple             |  | 5                | Log/Pole          | 10         |            | Black Spruce              |  | Medium         | 5 - 10 feet        | Sapling     |
| Northern White Cedar  |  | 60               | Pole/Log          | 9          | 135        | Northern White Cedar      |  | Low            | 10 - 20 feet       | Sapling     |
| Yellow Birch          |  | 5                | Pole/Log          | 9          |            | Balsam Fir                |  | Medium         | 5 - 10 feet        | Sapling     |
| White Spruce          |  | 5                | Pole              | 8          |            | Maple (spp.)              |  | Low            | 5 - 10 feet        | Sapling     |
| Paper Birch           |  | 5                | Pole              | 8          |            |                           |  |                |                    |             |
| White Pine            |  | 10               | Log               | 14         |            |                           |  |                |                    |             |
| Hemlock               |  | 5                | Log               | 12         |            |                           |  |                |                    |             |
| Black Spruce          |  | 5                | Pole              | 8          |            |                           |  |                |                    |             |



| Stand  | Level 4 Cover Type         | Size Density      | Acres      | Stand Age  | BA Range | Managed Site | General Comments  |               |    |          |    |     |              |    |          |    |     |                      |    |          |    |  |                |    |              |   |    |                      |    |          |    |  |   |    |                    |         |             |   |              |                    |          |             |  |          |                    |          |             |                      |            |             |            |         |            |     |          |
|--|----------------------------|-------------------|------------|------------|----------|--------------|---|---------------|----|----------|----|-----|--------------|----|----------|----|-----|----------------------|----|----------|----|--|----------------|----|--------------|---|----|----------------------|----|----------|----|--|---|----|--------------------|---------|-------------|---|--------------|--------------------|----------|-------------|--|----------|--------------------|----------|-------------|----------------------|------------|-------------|------------|---------|------------|-----|----------|
| 6  | 623 - Emergent Wetland     | Nonstocked        | 4.3        |            |          | No           |   |               |    |          |    |     |              |    |          |    |     |                      |    |          |    |  |                |    |              |   |    |                      |    |          |    |  |   |    |                    |         |             |   |              |                    |          |             |  |          |                    |          |             |                      |            |             |            |         |            |     |          |
| 7  | 6127 - Lowland Pine        | Poletimber Well   | 1.0        | 105        | 111-140  | N/A          | This is part of larger stand to the North. A lowland stand consisting of large super canopy white pine with spruce, tamarack and red maple. There are a few scattered yellow birch present in the stand.  |               |    |          |    |     |              |    |          |    |     |                      |    |          |    |  |                |    |              |   |    |                      |    |          |    |  |   |    |                    |         |             |   |              |                    |          |             |  |          |                    |          |             |                      |            |             |            |         |            |     |          |
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| Canopy Species   | % Cover                    | Size Class        | DBH        | Age        |          |              |   |               |    |          |    |     |              |    |          |    |     |                      |    |          |    |  |                |    |              |   |    |                      |    |          |    |  |   |    |                    |         |             |   |              |                    |          |             |  |          |                    |          |             |                      |            |             |            |         |            |     |          |
| White Pine   | 60                         | Log/Pole          | 13         | 105        |          |              |   |               |    |          |    |     |              |    |          |    |     |                      |    |          |    |  |                |    |              |   |    |                      |    |          |    |  |   |    |                    |         |             |   |              |                    |          |             |  |          |                    |          |             |                      |            |             |            |         |            |     |          |
| Tamarack   | 12                         | Pole              | 5          |            |          |              |   |               |    |          |    |     |              |    |          |    |     |                      |    |          |    |  |                |    |              |   |    |                      |    |          |    |  |   |    |                    |         |             |   |              |                    |          |             |  |          |                    |          |             |                      |            |             |            |         |            |     |          |
| Black Spruce   | 10                         | Pole              | 7          |            |          |              |   |               |    |          |    |     |              |    |          |    |     |                      |    |          |    |  |                |    |              |   |    |                      |    |          |    |  |   |    |                    |         |             |   |              |                    |          |             |  |          |                    |          |             |                      |            |             |            |         |            |     |          |
| Yellow Birch   | 5                          | Pole              | 5          |            |          |              |   |               |    |          |    |     |              |    |          |    |     |                      |    |          |    |  |                |    |              |   |    |                      |    |          |    |  |   |    |                    |         |             |   |              |                    |          |             |  |          |                    |          |             |                      |            |             |            |         |            |     |          |
| Red Maple  | 13                         | Pole              | 8          |            |          |              |   |               |    |          |    |     |              |    |          |    |     |                      |    |          |    |  |                |    |              |   |    |                      |    |          |    |  |   |    |                    |         |             |   |              |                    |          |             |  |          |                    |          |             |                      |            |             |            |         |            |     |          |
| Sub-Canopy Species   | Density                    | Avg. Height       | Size       |            |          |              |   |               |    |          |    |     |              |    |          |    |     |                      |    |          |    |  |                |    |              |   |    |                      |    |          |    |  |   |    |                    |         |             |   |              |                    |          |             |  |          |                    |          |             |                      |            |             |            |         |            |     |          |
| Maple (spp.)   | Low                        | < 5 feet          | Sapling    |            |          |              |   |               |    |          |    |     |              |    |          |    |     |                      |    |          |    |  |                |    |              |   |    |                      |    |          |    |  |   |    |                    |         |             |   |              |                    |          |             |  |          |                    |          |             |                      |            |             |            |         |            |     |          |
| Conifers   | Medium                     | 5 - 10 feet       | Sapling    |            |          |              |   |               |    |          |    |     |              |    |          |    |     |                      |    |          |    |  |                |    |              |   |    |                      |    |          |    |  |   |    |                    |         |             |   |              |                    |          |             |  |          |                    |          |             |                      |            |             |            |         |            |     |          |
| 8  | 4319 - Mixed Upland Forest | Sapling Well      | 28.3       | 13         | 1-50     | N/A          | Stand was cut as part of JT's Junk in 2010. This stand was cut leaving white pine, hemlock and some cedar. There is a ridge that runs through the stand. On the ridge there is mostly white pine that was left behind after the harvest. As you go north off of the ridge there is mostly hemlock. On the dry ground regeneration is mostly aspen but on the lower ground it is mostly red maple and balsam fir. Some spruce and white pine are also present. |               |    |          |    |     |              |    |          |    |     |                      |    |          |    |  |                |    |              |   |    |                      |    |          |    |  |   |    |                    |         |             |   |              |                    |          |             |  |          |                    |          |             |                      |            |             |            |         |            |     |          |
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| Canopy Species   | % Cover                    | Size Class        | DBH        | Age        |          |              |   |               |    |          |    |     |              |    |          |    |     |                      |    |          |    |  |                |    |              |   |    |                      |    |          |    |  |   |    |                    |         |             |   |              |                    |          |             |  |          |                    |          |             |                      |            |             |            |         |            |     |          |
| Hemlock  | 11                         | Log/Pole          | 13         |            |          |              |   |               |    |          |    |     |              |    |          |    |     |                      |    |          |    |  |                |    |              |   |    |                      |    |          |    |  |   |    |                    |         |             |   |              |                    |          |             |  |          |                    |          |             |                      |            |             |            |         |            |     |          |
| White Pine   | 18                         | Log/Pole          | 13         | 102        |          |              |   |               |    |          |    |     |              |    |          |    |     |                      |    |          |    |  |                |    |              |   |    |                      |    |          |    |  |   |    |                    |         |             |   |              |                    |          |             |  |          |                    |          |             |                      |            |             |            |         |            |     |          |
| Red Maple  | 16                         | Sapling           | 1          |            |          |              |   |               |    |          |    |     |              |    |          |    |     |                      |    |          |    |  |                |    |              |   |    |                      |    |          |    |  |   |    |                    |         |             |   |              |                    |          |             |  |          |                    |          |             |                      |            |             |            |         |            |     |          |
| Quaking Aspen  | 25                         | Sapling           | 2          | 13         |          |              |   |               |    |          |    |     |              |    |          |    |     |                      |    |          |    |  |                |    |              |   |    |                      |    |          |    |  |   |    |                    |         |             |   |              |                    |          |             |  |          |                    |          |             |                      |            |             |            |         |            |     |          |
| Northern White Cedar   | 5                          | Pole              | 8          |            |          |              |   |               |    |          |    |     |              |    |          |    |     |                      |    |          |    |  |                |    |              |   |    |                      |    |          |    |  |   |    |                    |         |             |   |              |                    |          |             |  |          |                    |          |             |                      |            |             |            |         |            |     |          |
| Balsam Fir   | 20                         | Sapling           | 2          |            |          |              |   |               |    |          |    |     |              |    |          |    |     |                      |    |          |    |  |                |    |              |   |    |                      |    |          |    |  |   |    |                    |         |             |   |              |                    |          |             |  |          |                    |          |             |                      |            |             |            |         |            |     |          |
| Black Spruce   | 5                          | Sapling           | 2          |            |          |              |   |               |    |          |    |     |              |    |          |    |     |                      |    |          |    |  |                |    |              |   |    |                      |    |          |    |  |   |    |                    |         |             |   |              |                    |          |             |  |          |                    |          |             |                      |            |             |            |         |            |     |          |
| Sub-Canopy Species   | Density                    | Avg. Height       | Size       |            |          |              |   |               |    |          |    |     |              |    |          |    |     |                      |    |          |    |  |                |    |              |   |    |                      |    |          |    |  |   |    |                    |         |             |   |              |                    |          |             |  |          |                    |          |             |                      |            |             |            |         |            |     |          |
| White Pine   | Low                        | < 5 feet          | Sapling    |            |          |              |   |               |    |          |    |     |              |    |          |    |     |                      |    |          |    |  |                |    |              |   |    |                      |    |          |    |  |   |    |                    |         |             |   |              |                    |          |             |  |          |                    |          |             |                      |            |             |            |         |            |     |          |
| Balsam Fir   | Low                        | < 5 feet          | Sapling    |            |          |              |   |               |    |          |    |     |              |    |          |    |     |                      |    |          |    |  |                |    |              |   |    |                      |    |          |    |  |   |    |                    |         |             |   |              |                    |          |             |  |          |                    |          |             |                      |            |             |            |         |            |     |          |
| 9  | 4319 - Mixed Upland Forest | Sapling Well      | 55.3       | 13         | 1-50     | N/A          | This stand was cut as part of Grandview Harvest in 2010. There is very good regeneration coming in taht is mainly an aspen mix. Some of the birch that was left during the harvest is starting to die and fall over. Besides birch, white pine, hemlock and cedar were also retained in the harvest.  |               |    |          |    |     |              |    |          |    |     |                      |    |          |    |  |                |    |              |   |    |                      |    |          |    |  |   |    |                    |         |             |   |              |                    |          |             |  |          |                    |          |             |                      |            |             |            |         |            |     |          |
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| Canopy Species   | % Cover                    | Size Class        | DBH        | Age        |          |              |   |               |    |          |    |     |              |    |          |    |     |                      |    |          |    |  |                |    |              |   |    |                      |    |          |    |  |   |    |                    |         |             |   |              |                    |          |             |  |          |                    |          |             |                      |            |             |            |         |            |     |          |
| Quaking Aspen  | 21                         | Sapling           | 1          | 13         |          |              |   |               |    |          |    |     |              |    |          |    |     |                      |    |          |    |  |                |    |              |   |    |                      |    |          |    |  |   |    |                    |         |             |   |              |                    |          |             |  |          |                    |          |             |                      |            |             |            |         |            |     |          |
| Balsam Fir   | 20                         | Sapling           | 1          | 13         |          |              |   |               |    |          |    |     |              |    |          |    |     |                      |    |          |    |  |                |    |              |   |    |                      |    |          |    |  |   |    |                    |         |             |   |              |                    |          |             |  |          |                    |          |             |                      |            |             |            |         |            |     |          |
| White Pine   | 10                         | Log/Pole          | 13         |            |          |              |   |               |    |          |    |     |              |    |          |    |     |                      |    |          |    |  |                |    |              |   |    |                      |    |          |    |  |   |    |                    |         |             |   |              |                    |          |             |  |          |                    |          |             |                      |            |             |            |         |            |     |          |
| Bigtooth Aspen   | 15                         | Sapling           | 1          |            |          |              |   |               |    |          |    |     |              |    |          |    |     |                      |    |          |    |  |                |    |              |   |    |                      |    |          |    |  |   |    |                    |         |             |   |              |                    |          |             |  |          |                    |          |             |                      |            |             |            |         |            |     |          |
| Paper Birch  | 5                          | Log/Pole          | 10         |            |          |              |   |               |    |          |    |     |              |    |          |    |     |                      |    |          |    |  |                |    |              |   |    |                      |    |          |    |  |   |    |                    |         |             |   |              |                    |          |             |  |          |                    |          |             |                      |            |             |            |         |            |     |          |
| White Spruce   | 2                          | Sapling           | 1          |            |          |              |   |               |    |          |    |     |              |    |          |    |     |                      |    |          |    |  |                |    |              |   |    |                      |    |          |    |  |   |    |                    |         |             |   |              |                    |          |             |  |          |                    |          |             |                      |            |             |            |         |            |     |          |
| Red Maple  | 15                         | Sapling           | 1          |            |          |              |   |               |    |          |    |     |              |    |          |    |     |                      |    |          |    |  |                |    |              |   |    |                      |    |          |    |  |   |    |                    |         |             |   |              |                    |          |             |  |          |                    |          |             |                      |            |             |            |         |            |     |          |
| Hemlock  | 10                         | Log               | 14         | 103        |          |              |   |               |    |          |    |     |              |    |          |    |     |                      |    |          |    |  |                |    |              |   |    |                      |    |          |    |  |   |    |                    |         |             |   |              |                    |          |             |  |          |                    |          |             |                      |            |             |            |         |            |     |          |
| Northern White Cedar   | 2                          | Pole              | 7          |            |          |              |   |               |    |          |    |     |              |    |          |    |     |                      |    |          |    |  |                |    |              |   |    |                      |    |          |    |  |   |    |                    |         |             |   |              |                    |          |             |  |          |                    |          |             |                      |            |             |            |         |            |     |          |
| 10   | 6121 - Tamarack            | Poletimber Medium | 8.1        | 36         | 51-80    | N/A          | Small tamarack stand. There is a patch of tag alder in the middle of the stand.   |               |    |          |    |     |              |    |          |    |     |                      |    |          |    |  |                |    |              |   |    |                      |    |          |    |  |   |    |                    |         |             |   |              |                    |          |             |  |          |                    |          |             |                      |            |             |            |         |            |     |          |
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| Canopy Species   | % Cover                    | Size Class        | DBH        | Age        |          |              |   |               |    |          |    |     |              |    |          |    |     |                      |    |          |    |  |                |    |              |   |    |                      |    |          |    |  |   |    |                    |         |             |   |              |                    |          |             |  |          |                    |          |             |                      |            |             |            |         |            |     |          |
| Red Maple  | 10                         | Pole              | 7          |            |          |              |   |               |    |          |    |     |              |    |          |    |     |                      |    |          |    |  |                |    |              |   |    |                      |    |          |    |  |   |    |                    |         |             |   |              |                    |          |             |  |          |                    |          |             |                      |            |             |            |         |            |     |          |
| Black Spruce   | 15                         | Pole              | 6          |            |          |              |   |               |    |          |    |     |              |    |          |    |     |                      |    |          |    |  |                |    |              |   |    |                      |    |          |    |  |   |    |                    |         |             |   |              |                    |          |             |  |          |                    |          |             |                      |            |             |            |         |            |     |          |
| Northern White Cedar   | 3                          | Pole              | 7          |            |          |              |   |               |    |          |    |     |              |    |          |    |     |                      |    |          |    |  |                |    |              |   |    |                      |    |          |    |  |   |    |                    |         |             |   |              |                    |          |             |  |          |                    |          |             |                      |            |             |            |         |            |     |          |
| Tamarack   | 59                         | Pole/Sapling      | 5          | 36         |          |              |   |               |    |          |    |     |              |    |          |    |     |                      |    |          |    |  |                |    |              |   |    |                      |    |          |    |  |   |    |                    |         |             |   |              |                    |          |             |  |          |                    |          |             |                      |            |             |            |         |            |     |          |
| White Pine   | 3                          | Log               | 14         |            |          |              |   |               |    |          |    |     |              |    |          |    |     |                      |    |          |    |  |                |    |              |   |    |                      |    |          |    |  |   |    |                    |         |             |   |              |                    |          |             |  |          |                    |          |             |                      |            |             |            |         |            |     |          |
| Paper Birch  | 10                         | Pole              | 7          |            |          |              |   |               |    |          |    |     |              |    |          |    |     |                      |    |          |    |  |                |    |              |   |    |                      |    |          |    |  |   |    |                    |         |             |   |              |                    |          |             |  |          |                    |          |             |                      |            |             |            |         |            |     |          |
| Sub-Canopy Species   | Density                    | Avg. Height       | Size       |            |          |              |   |               |    |          |    |     |              |    |          |    |     |                      |    |          |    |  |                |    |              |   |    |                      |    |          |    |  |   |    |                    |         |             |   |              |                    |          |             |  |          |                    |          |             |                      |            |             |            |         |            |     |          |
| Conifers   | Medium                     | Variable          | Sapling    |            |          |              |   |               |    |          |    |     |              |    |          |    |     |                      |    |          |    |  |                |    |              |   |    |                      |    |          |    |  |   |    |                    |         |             |   |              |                    |          |             |  |          |                    |          |             |                      |            |             |            |         |            |     |          |
| Tag Alder  | Medium                     | 5 - 10 feet       | Tall Shrub |            |          |              |   |               |    |          |    |     |              |    |          |    |     |                      |    |          |    |  |                |    |              |   |    |                      |    |          |    |  |   |    |                    |         |             |   |              |                    |          |             |  |          |                    |          |             |                      |            |             |            |         |            |     |          |



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

|                       |                     |                |                   |            |            |                           |  |                |                    |             |
|-----------------------|---------------------|----------------|-------------------|------------|------------|---------------------------|--|----------------|--------------------|-------------|
| <b>11</b>             | 6127 - Lowland Pine | Sawtimber Well | 15.0              | 102        | 141-170    | N/A                       | Nice stand of white pine that was left unharvested because of adjacent timber sales. There are some areas of smaller trees and less stocking. There is more black spruce with some scattered cedar on the north side of the stand. |                |                    |             |
| <b>Canopy Species</b> |                     | <b>% Cover</b> | <b>Size Class</b> | <b>DBH</b> | <b>Age</b> | <b>Sub-Canopy Species</b> |  | <b>Density</b> | <b>Avg. Height</b> | <b>Size</b> |
| Hemlock               |                     | 5              | Log               | 14         |            | Conifers                  |  | Medium         | Variable           | Sapling     |
| Black Spruce          |                     | 15             | Pole              | 8          |            | Maple (spp.)              |  | Low            | 10 - 20 feet       | Sapling     |
| Northern White Cedar  |                     | 5              | Pole              | 7          |            |                           |  |                |                    |             |
| Paper Birch           |                     | 5              | Pole              | 6          |            |                           |  |                |                    |             |
| White Pine            |                     | 65             | Log               | 13         | 102        |                           |  |                |                    |             |
| Red Maple             |                     | 5              | Pole              | 6          |            |                           |  |                |                    |             |

|           |                     |            |      |  |             |    |  |
|-----------|---------------------|------------|------|--|-------------|----|--|
| <b>12</b> | 622 - Lowland Shrub | Nonstocked | 61.9 |  | Unspecified | No |  |
|-----------|---------------------|------------|------|--|-------------|----|--|

|                       |                            |                  |                   |            |            |                           |   |                |                    |             |
|-----------------------|----------------------------|------------------|-------------------|------------|------------|---------------------------|---|----------------|--------------------|-------------|
| <b>13</b>             | 42290 - Natural Mixed Pine | Sawtimber Medium | 6.5               | 63         | 81-110     | N/A                       | A mixed conifer stand with the pines, spruce and fir. Larger white pine and red pine. Thicker in west part of stand, more open in east part of stand. |                |                    |             |
| <b>Canopy Species</b> |                            | <b>% Cover</b>   | <b>Size Class</b> | <b>DBH</b> | <b>Age</b> | <b>Sub-Canopy Species</b> |   | <b>Density</b> | <b>Avg. Height</b> | <b>Size</b> |
| Jack Pine             |                            | 20               | Pole/Log          | 9          |            | Conifers                  |   | Medium         | Variable           | Sapling     |
| Red Maple             |                            | 5                | Pole              | 7          |            |                           |   |                |                    |             |
| White Pine            |                            | 25               | Log/Pole          | 10         |            |                           |   |                |                    |             |
| Balsam Fir            |                            | 10               | Pole              | 8          |            |                           |   |                |                    |             |
| Red Pine              |                            | 25               | Log/Pole          | 10         | 63         |                           |   |                |                    |             |
| Paper Birch           |                            | 5                | Pole              | 7          |            |                           |   |                |                    |             |
| White Spruce          |                            | 10               | Pole              | 8          |            |                           |   |                |                    |             |

|                       |                     |                 |                   |            |            |                           |   |                |                    |             |
|-----------------------|---------------------|-----------------|-------------------|------------|------------|---------------------------|---|----------------|--------------------|-------------|
| <b>14</b>             | 6122 - Black Spruce | Poletimber Well | 15.5              | 46         | 51-80      | N/A                       | Lowland spruce and tamarack stand with scattered white pine. There are some open areas with tag alder and other lowland shrub species. Leatherleaf and sphagnum covers the ground. North part of stand is part of sale One Oh Nine and has larger diameter. Hold rest of stand for until larger diameter. |                |                    |             |
| <b>Canopy Species</b> |                     | <b>% Cover</b>  | <b>Size Class</b> | <b>DBH</b> | <b>Age</b> | <b>Sub-Canopy Species</b> |   | <b>Density</b> | <b>Avg. Height</b> | <b>Size</b> |
| Tamarack              |                     | 26              | Pole              | 5          |            | Tag Alder                 |   | Low            | 5 - 10 feet        | Tall Shrub  |
| Paper Birch           |                     | 2               | Pole              | 5          |            | Dogwood (spp.)            |   | Low            | < 5 feet           | Tall Shrub  |
| Black Spruce          |                     | 55              | Pole/Sapling      | 5          | 46         | Conifers                  |   | Medium         | 5 - 10 feet        | Sapling     |
| Red Maple             |                     | 2               | Pole/Sapling      | 4          |            |                           |   |                |                    |             |
| White Pine            |                     | 15              | Pole/Log/Sap      | 8          |            |                           |   |                |                    |             |

|                       |                     |                 |                   |            |            |                           |  |                |                    |             |
|-----------------------|---------------------|-----------------|-------------------|------------|------------|---------------------------|--|----------------|--------------------|-------------|
| <b>15</b>             | 6122 - Black Spruce | Poletimber Well | 14.0              | 58         | 51-80      | N/A                       | This is a lowland black spruce stand. Small diameters. Wet edges |                |                    |             |
| <b>Canopy Species</b> |                     | <b>% Cover</b>  | <b>Size Class</b> | <b>DBH</b> | <b>Age</b> | <b>Sub-Canopy Species</b> |  | <b>Density</b> | <b>Avg. Height</b> | <b>Size</b> |
| Paper Birch           |                     | 5               | Pole              | 7          |            | Conifers                  |  | High           | Variable           | Sapling     |
| Tamarack              |                     | 10              | Pole/Sapling      | 5          |            |                           |  |                |                    |             |
| Black Spruce          |                     | 80              | Pole/Sapling      | 5          | 58         |                           |  |                |                    |             |
| White Pine            |                     | 5               | Log               | 14         |            |                           |  |                |                    |             |



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

| <b>16</b>   | 6120 - Lowland Cedar | Poletimber Well | 17.5       | 97         | 141-170 | N/A | This is a wet cedar stand. A portion of the stand on the north east side contains a nice black spruce patch. |                      |    |          |   |    |            |    |          |    |  |                |   |      |   |  |              |    |      |   |  |             |   |              |   |  |           |   |      |   |  |  |  |                    |         |             |      |           |     |          |            |          |      |          |         |              |     |             |
|---|----------------------|-----------------|------------|------------|---------|-----|--|----------------------|----|----------|---|----|------------|----|----------|----|--|----------------|---|------|---|--|--------------|----|------|---|--|-------------|---|--------------|---|--|-----------|---|------|---|--|--|--|--------------------|---------|-------------|------|-----------|-----|----------|------------|----------|------|----------|---------|--------------|-----|-------------|
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| Canopy Species  | % Cover              | Size Class      | DBH        | Age        |         |     |  |                      |    |          |   |    |            |    |          |    |  |                |   |      |   |  |              |    |      |   |  |             |   |              |   |  |           |   |      |   |  |  |  |                    |         |             |      |           |     |          |            |          |      |          |         |              |     |             |
| Northern White Cedar  | 60                   | Pole/Log        | 8          | 97         |         |     |  |                      |    |          |   |    |            |    |          |    |  |                |   |      |   |  |              |    |      |   |  |             |   |              |   |  |           |   |      |   |  |  |  |                    |         |             |      |           |     |          |            |          |      |          |         |              |     |             |
| White Pine  | 10                   | Log/XLog        | 15         |            |         |     |  |                      |    |          |   |    |            |    |          |    |  |                |   |      |   |  |              |    |      |   |  |             |   |              |   |  |           |   |      |   |  |  |  |                    |         |             |      |           |     |          |            |          |      |          |         |              |     |             |
| Bigtooth Aspen  | 2                    | Pole            | 9          |            |         |     |  |                      |    |          |   |    |            |    |          |    |  |                |   |      |   |  |              |    |      |   |  |             |   |              |   |  |           |   |      |   |  |  |  |                    |         |             |      |           |     |          |            |          |      |          |         |              |     |             |
| Black Spruce  | 15                   | Pole            | 8          |            |         |     |  |                      |    |          |   |    |            |    |          |    |  |                |   |      |   |  |              |    |      |   |  |             |   |              |   |  |           |   |      |   |  |  |  |                    |         |             |      |           |     |          |            |          |      |          |         |              |     |             |
| Paper Birch   | 8                    | Pole/Sapling    | 7          |            |         |     |  |                      |    |          |   |    |            |    |          |    |  |                |   |      |   |  |              |    |      |   |  |             |   |              |   |  |           |   |      |   |  |  |  |                    |         |             |      |           |     |          |            |          |      |          |         |              |     |             |
| Red Maple   | 5                    | Pole            | 8          |            |         |     |  |                      |    |          |   |    |            |    |          |    |  |                |   |      |   |  |              |    |      |   |  |             |   |              |   |  |           |   |      |   |  |  |  |                    |         |             |      |           |     |          |            |          |      |          |         |              |     |             |
| Sub-Canopy Species  | Density              | Avg. Height     | Size       |            |         |     |  |                      |    |          |   |    |            |    |          |    |  |                |   |      |   |  |              |    |      |   |  |             |   |              |   |  |           |   |      |   |  |  |  |                    |         |             |      |           |     |          |            |          |      |          |         |              |     |             |
| Tag Alder   | Low                  | < 5 feet        | Tall Shrub |            |         |     |  |                      |    |          |   |    |            |    |          |    |  |                |   |      |   |  |              |    |      |   |  |             |   |              |   |  |           |   |      |   |  |  |  |                    |         |             |      |           |     |          |            |          |      |          |         |              |     |             |
| Conifers  | High                 | Variable        | Sapling    |            |         |     |  |                      |    |          |   |    |            |    |          |    |  |                |   |      |   |  |              |    |      |   |  |             |   |              |   |  |           |   |      |   |  |  |  |                    |         |             |      |           |     |          |            |          |      |          |         |              |     |             |
| Maple (spp.)  | Low                  | 5 - 10 feet     | Sapling    |            |         |     |  |                      |    |          |   |    |            |    |          |    |  |                |   |      |   |  |              |    |      |   |  |             |   |              |   |  |           |   |      |   |  |  |  |                    |         |             |      |           |     |          |            |          |      |          |         |              |     |             |

| <b>17</b>  | 429 - Mixed Upland Conifers | Sapling Well   | 5.4     | 16         | Immature | N/A | This stand was just as part of Partridge Pine. It now has sapling/pole size red pine with spruce and aspen. The stand contains some low ground that is covered by leatherleaf, this is where most of the spruce is found. |              |    |         |   |  |               |    |         |   |  |           |   |         |   |  |              |    |         |   |  |          |    |              |   |    |  |
|--|-----------------------------|----------------|---------|------------|----------|-----|---|--------------|----|---------|---|--|---------------|----|---------|---|--|-----------|---|---------|---|--|--------------|----|---------|---|--|----------|----|--------------|---|----|--|
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| Canopy Species   | % Cover                     | Size Class     | DBH     | Age        |          |     |   |              |    |         |   |  |               |    |         |   |  |           |   |         |   |  |              |    |         |   |  |          |    |              |   |    |  |
| Black Spruce   | 20                          | Sapling        | 2       |            |          |     |   |              |    |         |   |  |               |    |         |   |  |           |   |         |   |  |              |    |         |   |  |          |    |              |   |    |  |
| Quaking Aspen  | 20                          | Sapling        | 2       |            |          |     |   |              |    |         |   |  |               |    |         |   |  |           |   |         |   |  |              |    |         |   |  |          |    |              |   |    |  |
| Red Maple  | 5                           | Sapling        | 1       |            |          |     |   |              |    |         |   |  |               |    |         |   |  |           |   |         |   |  |              |    |         |   |  |          |    |              |   |    |  |
| White Spruce   | 15                          | Sapling        | 2       |            |          |     |   |              |    |         |   |  |               |    |         |   |  |           |   |         |   |  |              |    |         |   |  |          |    |              |   |    |  |
| Red Pine   | 40                          | Sapling/Pole   | 3       | 16         |          |     |   |              |    |         |   |  |               |    |         |   |  |           |   |         |   |  |              |    |         |   |  |          |    |              |   |    |  |

| <b>18</b>   | 4319 - Mixed Upland Forest | Sapling Well   | 34.6    | 23         | Immature | N/A | Cut in 99 as part of Ridge-N-Swale Mix. It has regenerated nicely. Along the ridge to the north it is mostly Red pine and spruce/fir. Further to the south there is more aspen mixed in. Some areas of leatherleaf at the bottom of the ridge which is where most of the spruce and tamarack are coming in. Scattered log size red pine along southern boarder. |          |   |     |    |  |           |   |         |   |  |          |    |         |   |  |               |    |         |   |    |                |    |         |   |  |              |    |         |   |  |            |    |         |   |  |            |   |              |   |  |          |    |         |   |  |  |
|---|----------------------------|----------------|---------|------------|----------|-----|---|----------|---|-----|----|--|-----------|---|---------|---|--|----------|----|---------|---|--|---------------|----|---------|---|----|----------------|----|---------|---|--|--------------|----|---------|---|--|------------|----|---------|---|--|------------|---|--------------|---|--|----------|----|---------|---|--|--|
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| Canopy Species  | % Cover                    | Size Class     | DBH     | Age        |          |     |   |          |   |     |    |  |           |   |         |   |  |          |    |         |   |  |               |    |         |   |    |                |    |         |   |  |              |    |         |   |  |            |    |         |   |  |            |   |              |   |  |          |    |         |   |  |  |
| Red Pine  | 2                          | Log            | 15      |            |          |     |   |          |   |     |    |  |           |   |         |   |  |          |    |         |   |  |               |    |         |   |    |                |    |         |   |  |              |    |         |   |  |            |    |         |   |  |            |   |              |   |  |          |    |         |   |  |  |
| Red Maple   | 3                          | Sapling        | 1       |            |          |     |   |          |   |     |    |  |           |   |         |   |  |          |    |         |   |  |               |    |         |   |    |                |    |         |   |  |              |    |         |   |  |            |    |         |   |  |            |   |              |   |  |          |    |         |   |  |  |
| Red Pine  | 15                         | Sapling        | 3       |            |          |     |   |          |   |     |    |  |           |   |         |   |  |          |    |         |   |  |               |    |         |   |    |                |    |         |   |  |              |    |         |   |  |            |    |         |   |  |            |   |              |   |  |          |    |         |   |  |  |
| Quaking Aspen   | 30                         | Sapling        | 2       | 23         |          |     |   |          |   |     |    |  |           |   |         |   |  |          |    |         |   |  |               |    |         |   |    |                |    |         |   |  |              |    |         |   |  |            |    |         |   |  |            |   |              |   |  |          |    |         |   |  |  |
| Bigtooth Aspen  | 10                         | Sapling        | 2       |            |          |     |   |          |   |     |    |  |           |   |         |   |  |          |    |         |   |  |               |    |         |   |    |                |    |         |   |  |              |    |         |   |  |            |    |         |   |  |            |   |              |   |  |          |    |         |   |  |  |
| White Spruce  | 13                         | Sapling        | 1       |            |          |     |   |          |   |     |    |  |           |   |         |   |  |          |    |         |   |  |               |    |         |   |    |                |    |         |   |  |              |    |         |   |  |            |    |         |   |  |            |   |              |   |  |          |    |         |   |  |  |
| Balsam Fir  | 10                         | Sapling        | 2       |            |          |     |   |          |   |     |    |  |           |   |         |   |  |          |    |         |   |  |               |    |         |   |    |                |    |         |   |  |              |    |         |   |  |            |    |         |   |  |            |   |              |   |  |          |    |         |   |  |  |
| White Pine  | 2                          | Pole/Sapling   | 5       |            |          |     |   |          |   |     |    |  |           |   |         |   |  |          |    |         |   |  |               |    |         |   |    |                |    |         |   |  |              |    |         |   |  |            |    |         |   |  |            |   |              |   |  |          |    |         |   |  |  |
| Tamarack  | 15                         | Sapling        | 2       |            |          |     |   |          |   |     |    |  |           |   |         |   |  |          |    |         |   |  |               |    |         |   |    |                |    |         |   |  |              |    |         |   |  |            |    |         |   |  |            |   |              |   |  |          |    |         |   |  |  |

| <b>19</b>   | 6128 - Lowland Coniferous, Mixed Deciduous | Poletimber Well | 13.3       | 74         | 111-140 | N/A | This is a pole size black spruce stand that has a large component of log size white pine. Mostly low ground with a few narrow ridges of dry ground. |            |    |          |    |    |           |   |          |    |  |             |    |      |   |  |              |    |      |   |    |          |   |      |   |  |   |  |                    |         |             |      |           |     |             |         |          |        |             |         |             |      |          |
|---|--|-----------------|------------|------------|---------|-----|---|------------|----|----------|----|----|-----------|---|----------|----|--|-------------|----|------|---|--|--------------|----|------|---|----|----------|---|------|---|--|---|--|--------------------|---------|-------------|------|-----------|-----|-------------|---------|----------|--------|-------------|---------|-------------|------|----------|
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| Canopy Species  | % Cover                                    | Size Class      | DBH        | Age        |         |     |   |            |    |          |    |    |           |   |          |    |  |             |    |      |   |  |              |    |      |   |    |          |   |      |   |  |   |  |                    |         |             |      |           |     |             |         |          |        |             |         |             |      |          |
| White Pine  | 35   | Log/XLog        | 15         | 72         |         |     |   |            |    |          |    |    |           |   |          |    |  |             |    |      |   |  |              |    |      |   |    |          |   |      |   |  |   |  |                    |         |             |      |           |     |             |         |          |        |             |         |             |      |          |
| Red Maple   | 5  | Pole/Log        | 10         |            |         |     |   |            |    |          |    |    |           |   |          |    |  |             |    |      |   |  |              |    |      |   |    |          |   |      |   |  |   |  |                    |         |             |      |           |     |             |         |          |        |             |         |             |      |          |
| Paper Birch   | 15   | Pole            | 6          |            |         |     |   |            |    |          |    |    |           |   |          |    |  |             |    |      |   |  |              |    |      |   |    |          |   |      |   |  |   |  |                    |         |             |      |           |     |             |         |          |        |             |         |             |      |          |
| Black Spruce  | 40   | Pole            | 6          | 74         |         |     |   |            |    |          |    |    |           |   |          |    |  |             |    |      |   |  |              |    |      |   |    |          |   |      |   |  |   |  |                    |         |             |      |           |     |             |         |          |        |             |         |             |      |          |
| Tamarack  | 5  | Pole            | 7          |            |         |     |   |            |    |          |    |    |           |   |          |    |  |             |    |      |   |  |              |    |      |   |    |          |   |      |   |  |   |  |                    |         |             |      |           |     |             |         |          |        |             |         |             |      |          |
| Sub-Canopy Species  | Density                                    | Avg. Height     | Size       |            |         |     |   |            |    |          |    |    |           |   |          |    |  |             |    |      |   |  |              |    |      |   |    |          |   |      |   |  |   |  |                    |         |             |      |           |     |             |         |          |        |             |         |             |      |          |
| Red Maple   | Low  | 5 - 10 feet     | Sapling    |            |         |     |   |            |    |          |    |    |           |   |          |    |  |             |    |      |   |  |              |    |      |   |    |          |   |      |   |  |   |  |                    |         |             |      |           |     |             |         |          |        |             |         |             |      |          |
| Conifers  | Medium                                     | 5 - 10 feet     | Sapling    |            |         |     |   |            |    |          |    |    |           |   |          |    |  |             |    |      |   |  |              |    |      |   |    |          |   |      |   |  |   |  |                    |         |             |      |           |     |             |         |          |        |             |         |             |      |          |
| Leatherleaf   | High                                       | < 5 feet        | Tall Shrub |            |         |     |   |            |    |          |    |    |           |   |          |    |  |             |    |      |   |  |              |    |      |   |    |          |   |      |   |  |   |  |                    |         |             |      |           |     |             |         |          |        |             |         |             |      |          |



| Stand  | Level 4 Cover Type               | Size Density    | Acres      | Stand Age  | BA Range    | Managed Site            | General Comments   |    |              |   |     |                |    |         |   |    |           |    |         |   |  |            |    |         |   |  |             |    |         |   |  |               |   |         |   |  |  |  |                    |         |             |      |                      |        |          |         |            |        |          |         |           |     |          |            |  |  |  |
|--|----------------------------------|-----------------|------------|------------|-------------|-------------------------|--|----|--------------|---|-----|----------------|----|---------|---|----|-----------|----|---------|---|--|------------|----|---------|---|--|-------------|----|---------|---|--|---------------|---|---------|---|--|--|--|--------------------|---------|-------------|------|----------------------|--------|----------|---------|------------|--------|----------|---------|-----------|-----|----------|------------|--|--|--|
| <b>20</b>  | 6120 - Lowland Cedar             | Poletimber Well | 5.5        | 105        | 51-80       | N/A                     |  |    |              |   |     |                |    |         |   |    |           |    |         |   |  |            |    |         |   |  |             |    |         |   |  |               |   |         |   |  |  |  |                    |         |             |      |                      |        |          |         |            |        |          |         |           |     |          |            |  |  |  |
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| Canopy Species   | % Cover                          | Size Class      | DBH        | Age        |             |                         |  |    |              |   |     |                |    |         |   |    |           |    |         |   |  |            |    |         |   |  |             |    |         |   |  |               |   |         |   |  |  |  |                    |         |             |      |                      |        |          |         |            |        |          |         |           |     |          |            |  |  |  |
| Northern White Cedar   | 70                               | Pole/Sapling    | 6          | 105        |             |                         |  |    |              |   |     |                |    |         |   |    |           |    |         |   |  |            |    |         |   |  |             |    |         |   |  |               |   |         |   |  |  |  |                    |         |             |      |                      |        |          |         |            |        |          |         |           |     |          |            |  |  |  |
| Balsam Poplar  | 5                                | Pole            | 8          |            |             |                         |  |    |              |   |     |                |    |         |   |    |           |    |         |   |  |            |    |         |   |  |             |    |         |   |  |               |   |         |   |  |  |  |                    |         |             |      |                      |        |          |         |            |        |          |         |           |     |          |            |  |  |  |
| Red Maple  | 5                                | Pole            | 8          |            |             |                         |  |    |              |   |     |                |    |         |   |    |           |    |         |   |  |            |    |         |   |  |             |    |         |   |  |               |   |         |   |  |  |  |                    |         |             |      |                      |        |          |         |            |        |          |         |           |     |          |            |  |  |  |
| Balsam Fir   | 5                                | Pole            | 6          |            |             |                         |  |    |              |   |     |                |    |         |   |    |           |    |         |   |  |            |    |         |   |  |             |    |         |   |  |               |   |         |   |  |  |  |                    |         |             |      |                      |        |          |         |            |        |          |         |           |     |          |            |  |  |  |
| Paper Birch  | 10                               | Pole            | 7          |            |             |                         |  |    |              |   |     |                |    |         |   |    |           |    |         |   |  |            |    |         |   |  |             |    |         |   |  |               |   |         |   |  |  |  |                    |         |             |      |                      |        |          |         |            |        |          |         |           |     |          |            |  |  |  |
| Black Spruce   | 5                                | Pole            | 6          |            |             |                         |  |    |              |   |     |                |    |         |   |    |           |    |         |   |  |            |    |         |   |  |             |    |         |   |  |               |   |         |   |  |  |  |                    |         |             |      |                      |        |          |         |            |        |          |         |           |     |          |            |  |  |  |
| Sub-Canopy Species   | Density                          | Avg. Height     | Size       |            |             |                         |  |    |              |   |     |                |    |         |   |    |           |    |         |   |  |            |    |         |   |  |             |    |         |   |  |               |   |         |   |  |  |  |                    |         |             |      |                      |        |          |         |            |        |          |         |           |     |          |            |  |  |  |
| Northern White Cedar   | Low                              | Variable        | Sapling    |            |             |                         |  |    |              |   |     |                |    |         |   |    |           |    |         |   |  |            |    |         |   |  |             |    |         |   |  |               |   |         |   |  |  |  |                    |         |             |      |                      |        |          |         |            |        |          |         |           |     |          |            |  |  |  |
| Balsam Fir   | Medium                           | Variable        | Sapling    |            |             |                         |  |    |              |   |     |                |    |         |   |    |           |    |         |   |  |            |    |         |   |  |             |    |         |   |  |               |   |         |   |  |  |  |                    |         |             |      |                      |        |          |         |            |        |          |         |           |     |          |            |  |  |  |
| Tag Alder  | Low                              | Variable        | Tall Shrub |            |             |                         |  |    |              |   |     |                |    |         |   |    |           |    |         |   |  |            |    |         |   |  |             |    |         |   |  |               |   |         |   |  |  |  |                    |         |             |      |                      |        |          |         |            |        |          |         |           |     |          |            |  |  |  |
| <b>21</b>  | 4130 - Aspen                     | Sapling Medium  | 7.3        | 25         | Immature    | N/A                     | Stand was cut as part of Bear Dog Mix in 1997. It runs a ridge which drops off on both sides to wetter ground. Regen is adequate but there are some small opening present in the stand.  |    |              |   |     |                |    |         |   |    |           |    |         |   |  |            |    |         |   |  |             |    |         |   |  |               |   |         |   |  |  |  |                    |         |             |      |                      |        |          |         |            |        |          |         |           |     |          |            |  |  |  |
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| Canopy Species   | % Cover                          | Size Class      | DBH        | Age        |             |                         |  |    |              |   |     |                |    |         |   |    |           |    |         |   |  |            |    |         |   |  |             |    |         |   |  |               |   |         |   |  |  |  |                    |         |             |      |                      |        |          |         |            |        |          |         |           |     |          |            |  |  |  |
| Quaking Aspen  | 20                               | Sapling         | 3          | 25         |             |                         |  |    |              |   |     |                |    |         |   |    |           |    |         |   |  |            |    |         |   |  |             |    |         |   |  |               |   |         |   |  |  |  |                    |         |             |      |                      |        |          |         |            |        |          |         |           |     |          |            |  |  |  |
| Bigtooth Aspen   | 50                               | Sapling         | 3          | 25         |             |                         |  |    |              |   |     |                |    |         |   |    |           |    |         |   |  |            |    |         |   |  |             |    |         |   |  |               |   |         |   |  |  |  |                    |         |             |      |                      |        |          |         |            |        |          |         |           |     |          |            |  |  |  |
| Red Maple  | 10                               | Sapling         | 2          |            |             |                         |  |    |              |   |     |                |    |         |   |    |           |    |         |   |  |            |    |         |   |  |             |    |         |   |  |               |   |         |   |  |  |  |                    |         |             |      |                      |        |          |         |            |        |          |         |           |     |          |            |  |  |  |
| Balsam Fir   | 13                               | Sapling         | 2          |            |             |                         |  |    |              |   |     |                |    |         |   |    |           |    |         |   |  |            |    |         |   |  |             |    |         |   |  |               |   |         |   |  |  |  |                    |         |             |      |                      |        |          |         |            |        |          |         |           |     |          |            |  |  |  |
| Tamarack   | 2                                | Sapling         | 2          |            |             |                         |  |    |              |   |     |                |    |         |   |    |           |    |         |   |  |            |    |         |   |  |             |    |         |   |  |               |   |         |   |  |  |  |                    |         |             |      |                      |        |          |         |            |        |          |         |           |     |          |            |  |  |  |
| Balsam Poplar  | 5                                | Sapling         | 2          |            |             |                         |  |    |              |   |     |                |    |         |   |    |           |    |         |   |  |            |    |         |   |  |             |    |         |   |  |               |   |         |   |  |  |  |                    |         |             |      |                      |        |          |         |            |        |          |         |           |     |          |            |  |  |  |
| Sub-Canopy Species   | Density                          | Avg. Height     | Size       |            |             |                         |  |    |              |   |     |                |    |         |   |    |           |    |         |   |  |            |    |         |   |  |             |    |         |   |  |               |   |         |   |  |  |  |                    |         |             |      |                      |        |          |         |            |        |          |         |           |     |          |            |  |  |  |
| Balsam Fir   | Medium                           | < 5 feet        | Sapling    |            |             |                         |  |    |              |   |     |                |    |         |   |    |           |    |         |   |  |            |    |         |   |  |             |    |         |   |  |               |   |         |   |  |  |  |                    |         |             |      |                      |        |          |         |            |        |          |         |           |     |          |            |  |  |  |
| <b>22</b>  | 629 - Mixed non-forested wetland | Nonstocked      | 35.0       |            | Unspecified | No                      | Stand is mostly tag alder with scattered cedar, white pine and a few spruce.   |    |              |   |     |                |    |         |   |    |           |    |         |   |  |            |    |         |   |  |             |    |         |   |  |               |   |         |   |  |  |  |                    |         |             |      |                      |        |          |         |            |        |          |         |           |     |          |            |  |  |  |
| <b>23</b>  | 623 - Emergent Wetland           | Nonstocked      | 3.1        |            | Unspecified | No                      |  |    |              |   |     |                |    |         |   |    |           |    |         |   |  |            |    |         |   |  |             |    |         |   |  |               |   |         |   |  |  |  |                    |         |             |      |                      |        |          |         |            |        |          |         |           |     |          |            |  |  |  |
| <b>24</b>  | 330 - Low-Density Trees          | Nonstocked      | 18.3       | 0          | Unspecified | 4211 - Planted Red Pine | Stand was cut 8/16. Trenched in 2017. Planted 5/10/2018. Regen survey failed 11/2018. Estimated 75-80% mortality. 2018- Failed 1st year regn survey. 75% mortality. Scheduled for initial plant. Site prep- sprayed in 2019. Stand sprayed on 9/13/21. Stand planted to RP 5/14/2022, at 519 tr/ac. Planted acreage 15.04 ac due to standing water in portions of the stand when planted. Checked effectiveness of spray in 07/22. Acceptable, but large diameter maple still present. 1st year regen survey completed on 09/17/2022. 721 TPA, 98% FTG, 11% mortality. Very little competition. 2023- There is some mortality in seedlings, wait for 3rd year regen surveys. |    |              |   |     |                |    |         |   |    |           |    |         |   |  |            |    |         |   |  |             |    |         |   |  |               |   |         |   |  |  |  |                    |         |             |      |                      |        |          |         |            |        |          |         |           |     |          |            |  |  |  |



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

**25** 6129 - Mixed Coniferous Lowland Forest Poletimber Well 89.7 78 81-110 N/A

A stand of very mixed lowland conifers. There are patches of black spruce, tamarack, and cedar. There are some patches of open canopy that have tag alder growing in them. Wet ground.

| Canopy Species       | % Cover | Size Class   | DBH | Age |
|----------------------|---------|--------------|-----|-----|
| Red Maple            | 6       | Pole/Sapling | 8   |     |
| Northern White Cedar | 10      | Pole         | 7   |     |
| Tamarack             | 30      | Pole/Sapling | 5   | 78  |
| Paper Birch          | 10      | Pole/Sapling | 7   |     |
| Black Spruce         | 25      | Pole/Sapling | 5   |     |
| Red Pine             | 2       | Log          | 15  |     |
| White Pine           | 17      | Log          | 14  |     |

| Sub-Canopy Species | Density | Avg. Height | Size       |
|--------------------|---------|-------------|------------|
| Conifers           | High    | Variable    | Sapling    |
| Tag Alder          | Medium  | < 5 feet    | Tall Shrub |

**26** 6122 - Black Spruce Poletimber Medium 11.1 63 81-110 N/A

Stand of lowland Black Spruce with medium stocking, nice looking poles. Parts of stand are on higher, drier ground.

| Canopy Species       | % Cover | Size Class | DBH | Age |
|----------------------|---------|------------|-----|-----|
| Black Spruce         | 60      | Pole       | 9   | 63  |
| Paper Birch          | 15      | Pole       | 9   |     |
| White Pine           | 5       | Log        | 16  |     |
| Red Maple            | 5       | Log/Pole   | 10  |     |
| Northern White Cedar | 5       | Pole       | 7   |     |
| Bigtooth Aspen       | 10      | Log        | 13  |     |

| Sub-Canopy Species   | Density | Avg. Height  | Size       |
|----------------------|---------|--------------|------------|
| Red Maple            | Low     | 10 - 20 feet | Sapling    |
| Tag Alder            | Medium  | 5 - 10 feet  | Tall Shrub |
| Northern White Cedar | Low     | 5 - 10 feet  | Sapling    |
| Tamarack             | Low     | 5 - 10 feet  | Sapling    |

**27** 4319 - Mixed Upland Forest Sapling Medium 88.9 14 1-50 N/A

Stand was cut as part of Bunker Hill Aspen in 2009. White pine was retained during the harvest. There is a ridge that runs along the southern sided of the stand. On the ridge there is great aspen regeneration. On the lower, wetter ground there is spruce, fir and white pine regenerating. The regen is growing slowly but is starting to fill in. Given more time it will be adequate. A few patches of pole size cedar exist in the stand.

| Canopy Species       | % Cover | Size Class | DBH | Age |
|----------------------|---------|------------|-----|-----|
| Northern White Cedar | 5       | Pole       | 6   |     |
| White Spruce         | 2       | Sapling    | 1   |     |
| Black Spruce         | 8       | Sapling    | 1   |     |
| Balsam Fir           | 10      | Sapling    | 1   |     |
| Paper Birch          | 2       | Pole       | 6   |     |
| White Pine           | 20      | Log        | 14  | 86  |
| Quaking Aspen        | 20      | Sapling    | 2   | 14  |
| Red Pine             | 5       | Log        | 14  |     |
| Bigtooth Aspen       | 5       | Sapling    | 2   |     |
| Tamarack             | 5       | Sapling    | 1   |     |
| Red Maple            | 8       | Sapling    | 2   |     |
| White Pine           | 10      | Sapling    | 1   |     |

| Sub-Canopy Species | Density | Avg. Height | Size       |
|--------------------|---------|-------------|------------|
| Maple (spp.)       | Low     | < 5 feet    | Seeding    |
| Leatherleaf        | Medium  | < 5 feet    | Tall Shrub |
| Conifers           | Low     | < 5 feet    | Seeding    |
| Tag Alder          | Low     | < 5 feet    | Tall Shrub |

**28** 42110 - Planted Red Pine Sapling Well 20.5 16 Immature N/A

Young red pine stand that is now tall enough to be a forested stand. Red pine seems to have made it above the competition. There are some pockets of aspen and cherry whips in the canopy. Planted in 2006, FTP# C44-520

| Canopy Species | % Cover | Size Class | DBH | Age |
|----------------|---------|------------|-----|-----|
| Jack Pine      | 5       | Sapling    | 2   |     |
| Quaking Aspen  | 5       | Sapling    | 2   |     |
| Black Cherry   | 2       | Sapling    | 1   |     |
| Red Pine       | 88      | Sapling    | 3   | 16  |





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

**29**      429 - Mixed Upland Conifers      Sapling Medium      18.6      13      Immature      N/A      This stand is part of Grandview Harvest which was closed in 2010. Regeneration slowly filling in, mix of pines and conifer with aspen and maple whips. Open areas present

| Canopy Species | % Cover | Size Class | DBH | Age |
|----------------|---------|------------|-----|-----|
| Jack Pine      | 20      | Sapling    | 1   | 13  |
| Tamarack       | 10      | Sapling    | 1   |     |
| Quaking Aspen  | 10      | Sapling    | 1   |     |
| Red Maple      | 10      | Sapling    | 1   |     |
| Red Pine       | 10      | Log        | 13  |     |
| Black Spruce   | 5       | Sapling    | 1   |     |
| Red Pine       | 10      | Sapling    | 1   |     |
| White Pine     | 10      | Log        | 13  |     |
| Balsam Fir     | 5       | Sapling    | 1   |     |
| White Pine     | 10      | Sapling    | 1   |     |

**30**      6121 - Tamarack      Poletimber Well      22.5      47      111-140      N/A      Nice stand of tamarack that thick pole timber in the Northeast. Some of the wetter ground to the south has smaller diameter tamarack, tag alder growing in the understory and scattered cedar.

| Canopy Species       | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size       |
|----------------------|---------|------------|-----|-----|--------------------|---------|-------------|------------|
| White Pine           | 5       | Log        | 15  |     | Tag Alder          | Low     | < 5 feet    | Tall Shrub |
| Northern White Cedar | 5       | Pole       | 7   |     | Conifers           | Medium  | 5 - 10 feet | Sapling    |
| Tamarack             | 50      | Pole       | 8   | 47  |                    |         |             |            |
| Black Spruce         | 25      | Pole       | 8   |     |                    |         |             |            |
| Red Pine             | 2       | Log        | 16  |     |                    |         |             |            |
| Jack Pine            | 10      | Pole/Log   | 9   |     |                    |         |             |            |
| Balsam Fir           | 3       | Pole       | 9   |     |                    |         |             |            |

**31**      6122 - Black Spruce      Poletimber Well      14.1      79      111-140      N/A      Lowland stand that is mostly black spruce and white pine. There is lower ground with cedar and yellow birch with a tag alder understory. Nice size to the cedar.

| Canopy Species       | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size       |
|----------------------|---------|------------|-----|-----|--------------------|---------|-------------|------------|
| White Pine           | 15      | Log        | 13  |     | Tag Alder          | Medium  | < 5 feet    | Tall Shrub |
| Red Maple            | 5       | Pole       | 8   |     | Conifers           | Medium  | 5 - 10 feet | Sapling    |
| Black Spruce         | 50      | Pole       | 8   | 79  |                    |         |             |            |
| Yellow Birch         | 2       | Pole       | 7   |     |                    |         |             |            |
| Northern White Cedar | 10      | Pole/Log   | 10  |     |                    |         |             |            |
| Paper Birch          | 18      | Pole       | 7   |     |                    |         |             |            |

**32**      6126 - Lowland Jack Pine      Sapling Well      5.2      20      Immature      N/A      This stand was cut in 1999 as part of Partridge Pine. This is a lowland stand that has regenerated to mostly jack pine with some spruce, tamarack in the lower areas. On the higher ground around the edge there is red pine and aspen coming back. Sphagnum and leatherleaf covers the ground. There was standing water in some area in the middle of the stand.

| Canopy Species | % Cover | Size Class | DBH | Age |
|----------------|---------|------------|-----|-----|
| Red Pine       | 20      | Sapling    | 3   |     |
| Jack Pine      | 50      | Sapling    | 3   | 20  |
| Black Cherry   | 2       | Sapling    | 2   |     |
| Quaking Aspen  | 10      | Sapling    | 3   |     |
| Tamarack       | 10      | Sapling    | 2   |     |
| Black Spruce   | 8       | Sapling    | 2   |     |



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

|           |                             |              |     |    |          |     |   |
|-----------|-----------------------------|--------------|-----|----|----------|-----|---|
| <b>33</b> | 429 - Mixed Upland Conifers | Sapling Well | 3.7 | 22 | Immature | N/A | Sapling size stand of jack pine and balsam fir. There are some red pine and balsam fir seedlings in the understory. Scattered pole size trees are present in the stand. |
|-----------|-----------------------------|--------------|-----|----|----------|-----|---|

| Canopy Species | % Cover | Size Class   | DBH | Age |
|----------------|---------|--------------|-----|-----|
| Quaking Aspen  | 2       | Sapling      | 1   |     |
| Balsam Fir     | 30      | Sapling/Pole | 3   |     |
| Red Pine       | 13      | Sapling/Pole | 5   |     |
| Tamarack       | 15      | Sapling      | 2   |     |
| Jack Pine      | 40      | Sapling      | 3   | 22  |

| Sub-Canopy Species | Density | Avg. Height | Size    |
|--------------------|---------|-------------|---------|
| Red Pine           | Medium  | < 5 feet    | Seeding |
| Balsam Fir         | Medium  | < 5 feet    | Seeding |

|           |                          |                |     |    |          |     |   |
|-----------|--------------------------|----------------|-----|----|----------|-----|---|
| <b>34</b> | 4133 - Aspen, Mixed Pine | Sapling Medium | 8.1 | 22 | Immature | N/A | This stand has aspen growing underneath Red pine, jack pine and white pine. aspen is heaviest on the east side of the stand. More open on the west side of the stand. This stand was cut through as part of Partridge Pine. |
|-----------|--------------------------|----------------|-----|----|----------|-----|---|

| Canopy Species           | % Cover | Size Class   | DBH | Age |
|--------------------------|---------|--------------|-----|-----|
| Serviceberry (Juneberry) | 2       | Sapling      | 1   |     |
| Red Maple                | 15      | Sapling      | 2   |     |
| Red Pine                 | 10      | Pole         | 5   |     |
| Red Pine                 | 3       | XLog         | 18  |     |
| White Pine               | 10      | Pole         | 9   |     |
| Quaking Aspen            | 50      | Sapling      | 3   | 22  |
| Jack Pine                | 10      | Sapling/Pole | 4   |     |

| Sub-Canopy Species | Density | Avg. Height | Size    |
|--------------------|---------|-------------|---------|
| Red Pine           | Low     | 5 - 10 feet | Sapling |
| Jack Pine          | Low     | < 5 feet    | Sapling |
| Maple (spp.)       | Low     | < 5 feet    | Seeding |

|           |                        |            |      |  |             |    |  |
|-----------|------------------------|------------|------|--|-------------|----|--|
| <b>35</b> | 623 - Emergent Wetland | Nonstocked | 16.6 |  | Unspecified | No |  |
|-----------|------------------------|------------|------|--|-------------|----|--|

|           |                          |              |     |    |             |     |  |
|-----------|--------------------------|--------------|-----|----|-------------|-----|--|
| <b>36</b> | 6126 - Lowland Jack Pine | Sapling Well | 1.7 | 31 | Unspecified | N/A | Small pocket of lowland jack pine with black spruce, tamarack and scattered paper birch. Pole sized trees along the edges of stand as it transitions to lowland. Some scattered pole size spruce present. Stand was cut and scarified in 1991. |
|-----------|--------------------------|--------------|-----|----|-------------|-----|--|

| Canopy Species | % Cover | Size Class   | DBH | Age |
|----------------|---------|--------------|-----|-----|
| Tamarack       | 10      | Sapling/Pole | 3   |     |
| Jack Pine      | 78      | Sapling/Pole | 4   | 31  |
| Paper Birch    | 2       | Sapling      | 2   |     |
| Black Spruce   | 10      | Sapling/Pole | 4   |     |

| Sub-Canopy Species | Density | Avg. Height | Size    |
|--------------------|---------|-------------|---------|
| Conifers           | Medium  | < 5 feet    | Seeding |
| Maple (spp.)       | Low     | 5 - 10 feet | Sapling |

|           |  |                   |     |    |       |     |  |
|-----------|--|-------------------|-----|----|-------|-----|--|
| <b>37</b> | 6129 - Mixed Coniferous Lowland Forest | Poletimber Medium | 6.0 | 36 | 51-80 | N/A | Mixed lowland conifer stand. Mostly tamarack on the west edge then the ground get a little drier on the east edge and there is more white pine. Some wet open areas. |
|-----------|--|-------------------|-----|----|-------|-----|--|

| Canopy Species | % Cover | Size Class | DBH | Age |
|----------------|---------|------------|-----|-----|
| White Pine     | 35      | Pole/Log   | 9   |     |
| Jack Pine      | 5       | Pole       | 6   |     |
| Black Spruce   | 15      | Pole       | 6   |     |
| Tamarack       | 45      | Pole       | 7   | 36  |

| Sub-Canopy Species | Density | Avg. Height | Size       |
|--------------------|---------|-------------|------------|
| Conifers           | Medium  | Variable    | Sapling    |
| Aspen (spp.)       | Low     | 5 - 10 feet | Sapling    |
| Tag Alder          | Medium  | 5 - 10 feet | Tall Shrub |



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

**38** 4136 - Aspen, Mixed Conifer Sapling Medium 13.7 12 Immature N/A

This stand was part of Grandview Harvest which was closed in 2010. This unit of the sale was cut earlier and had more advanced regen left behind making it a forested stand unlike the stand to the west. Lots of aspen coming up with some scattered conifers. Thicker aspen in the south part of stand, more open in the north.

| Canopy Species | % Cover | Size Class   | DBH | Age |
|----------------|---------|--------------|-----|-----|
| White Pine     | 10      | Log          | 13  |     |
| Jack Pine      | 5       | Pole/Sapling | 3   |     |
| Red Maple      | 5       | Sapling      | 1   |     |
| Quaking Aspen  | 50      | Sapling/Pole | 3   | 12  |
| Paper Birch    | 2       | Pole         | 5   |     |
| Bigtooth Aspen | 18      | Sapling/Pole | 2   |     |
| White Spruce   | 10      | Sapling/Pole | 2   |     |

**39** 6122 - Black Spruce Sapling Medium 3.2 31 Unspecified N/A

Lowland black spruce stand with jack pine and paper birch mixed in. Stand is boarder line sapling/pole. The ground is cover with sphagnum and leatherleaf and is lower than the jack pine stand on the NE side. This was part of a sale cut in 1991.

| Canopy Species | % Cover | Size Class   | DBH | Age |
|----------------|---------|--------------|-----|-----|
| Black Spruce   | 90      | Sapling/Pole | 4   | 31  |
| Jack Pine      | 5       | Sapling/Pole | 3   |     |
| Paper Birch    | 5       | Sapling/Pole | 3   |     |

**40** 4130 - Aspen Sapling Well 8.5 22 Immature N/A Aspen regen

| Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size    |
|----------------|---------|------------|-----|-----|--------------------|---------|-------------|---------|
| Black Cherry   | 5       | Sapling    | 2   |     | Conifers           | Low     | 5 - 10 feet | Sapling |
| Balsam Fir     | 10      | Sapling    | 2   |     |                    |         |             |         |
| Paper Birch    | 5       | Sapling    | 2   |     |                    |         |             |         |
| Quaking Aspen  | 60      | Sapling    | 3   | 22  |                    |         |             |         |
| Bigtooth Aspen | 20      | Sapling    | 3   |     |                    |         |             |         |

**41** 4133 - Aspen, Mixed Pine Sapling Well 13.4 31 Immature N/A

Young aspen stand with jack pine and white spruce. Cut in 1991. Very good regeneration. Scattered overstory red pine and a pocket of jack pine at the south end, also jack pine pocket in North end between stands 36 and 44.

| Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size    |
|----------------|---------|------------|-----|-----|--------------------|---------|-------------|---------|
| Jack Pine      | 18      | Sapling    | 2   |     | Aspen (spp.)       | Medium  | < 5 feet    | Sapling |
| Bigtooth Aspen | 20      | Sapling    | 3   |     | Conifers           | Medium  | < 5 feet    | Sapling |
| Red Pine       | 2       | Sapling    | 2   |     |                    |         |             |         |
| Balsam Fir     | 3       | Sapling    | 1   |     |                    |         |             |         |
| Quaking Aspen  | 40      | Sapling    | 3   | 31  |                    |         |             |         |
| Red Maple      | 5       | Sapling    | 2   |     |                    |         |             |         |
| White Spruce   | 12      | Sapling    | 2   |     |                    |         |             |         |



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

**42** 4319 - Mixed Upland Forest Poletimber Medium 27.1 34 51-80 N/A

This is a 34 year old clearcut that had spotty regeneration. There are some areas of pole size trees and other areas where saplings are filling in the openings. Some patches of thick conifer. Some lower ground in there as well.

| Canopy Species       | % Cover | Size Class   | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size       |
|----------------------|---------|--------------|-----|-----|--------------------|---------|-------------|------------|
| Northern White Cedar | 2       | Log          | 11  |     | Conifers           | Medium  | < 5 feet    | Sapling    |
| Black Cherry         | 3       | Pole/Sapling | 5   |     | Maple (spp.)       | Medium  | 5 - 10 feet | Sapling    |
| Quaking Aspen        | 50      | Pole/Sapling | 6   | 34  | Hazelnut (Beaked)  | Low     | 5 - 10 feet | Tall Shrub |
| Tamarack             | 5       | Pole         | 7   |     |                    |         |             |            |
| Balsam Fir           | 10      | Pole/Sapling | 5   |     |                    |         |             |            |
| White Spruce         | 15      | Pole/Sapling | 5   |     |                    |         |             |            |
| White Pine           | 15      | Log/Pole     | 10  |     |                    |         |             |            |

**43** 42220 - Natural Jack Pine Sapling Well 3.0 20 Immature N/A

Small pocket of jack pine with a few scatterd deciduous trees, tamarack and spruce. When the stand was cut in 1991 it was scarified. Border line pole stand. The stand is on lowground covered with leatherleaf and moss. There is aspen growing on the higher ground close to the road.

| Canopy Species | % Cover | Size Class   | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size    |
|----------------|---------|--------------|-----|-----|--------------------|---------|-------------|---------|
| Quaking Aspen  | 3       | Sapling/Pole | 4   |     | Conifers           | Low     | < 5 feet    | Sapling |
| Tamarack       | 2       | Sapling/Pole | 3   |     |                    |         |             |         |
| Jack Pine      | 91      | Sapling/Pole | 4   | 20  |                    |         |             |         |
| Red Maple      | 2       | Sapling      | 2   |     |                    |         |             |         |
| Black Spruce   | 2       | Sapling      | 3   |     |                    |         |             |         |

**44** 4319 - Mixed Upland Forest Poletimber Well 5.7 94 81-110 N/A

Retention left along the river from the adjacent clearcut. This stand is located on the ridge that runs along the carp river.

| Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size    |
|----------------|---------|------------|-----|-----|--------------------|---------|-------------|---------|
| Red Pine       | 3       | Pole       | 8   |     | Maple (spp.)       | High    | 5 - 10 feet | Sapling |
| Paper Birch    | 35      | Pole/Log   | 9   | 94  | Beech              | Low     | 5 - 10 feet | Sapling |
| Red Maple      | 20      | Pole       | 9   |     | Conifers           | Medium  | 5 - 10 feet | Sapling |
| White Pine     | 2       | Pole       | 8   |     |                    |         |             |         |
| White Spruce   | 15      | Pole       | 6   |     |                    |         |             |         |
| Balsam Fir     | 15      | Pole       | 6   |     |                    |         |             |         |
| Jack Pine      | 10      | Pole       | 7   |     |                    |         |             |         |

**45** 42110 - Planted Red Pine Sawtimber Well 80.1 83 111-140 N/A

Stand was thinned in 2016. Log size red pine stand that has scattered aspen, jackpine, red maple and white pine in the canopy.

| Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size    |
|----------------|---------|------------|-----|-----|--------------------|---------|-------------|---------|
| Jack Pine      | 2       | Pole/Log   | 8   |     | Black Cherry       | Low     | 5 - 10 feet | Sapling |
| Bigtooth Aspen | 2       | Log        | 11  |     | Conifers           | Medium  | 5 - 10 feet | Sapling |
| White Pine     | 2       | Log        | 12  |     | Maple (spp.)       | Medium  | 5 - 10 feet | Sapling |
| Red Pine       | 92      | Log/XLog   | 13  | 83  |                    |         |             |         |
| Red Maple      | 2       | Pole/Log   | 10  |     |                    |         |             |         |



| Stand              | Level 4 Cover Type             | Size Density   | Acres          | Stand Age | BA Range    | Managed Site | General Comments   |              |   |         |   |  |                |    |              |   |    |                |    |              |    |    |                |    |          |    |    |             |    |              |    |    |              |   |      |   |  |            |    |  |                    |         |               |      |              |     |              |             |              |      |          |         |  |  |   |                    |         |             |      |              |     |             |         |              |        |             |         |          |     |          |         |  |  |
|--------------------|--------------------------------|--|----------------|-----------|-------------|--------------|--|--------------|---|---------|---|--|----------------|----|--------------|---|----|----------------|----|--------------|----|----|----------------|----|----------|----|----|-------------|----|--------------|----|----|--------------|---|------|---|--|------------|----|--|--------------------|---------|---------------|------|--------------|-----|--------------|-------------|--------------|------|----------|---------|--|--|---|--------------------|---------|-------------|------|--------------|-----|-------------|---------|--------------|--------|-------------|---------|----------|-----|----------|---------|--|--|
| <b>46</b>          | 429 - Mixed Upland Conifers    | Sawtimber Medium   | 9.2            | 46        | 51-80       | N/A          | A buffer strip left along the Carp River. Mostly jack pine with a good patch of paper birch. Some red pine was left along the edge of the plantation.  |              |   |         |   |  |                |    |              |   |    |                |    |              |    |    |                |    |          |    |    |             |    |              |    |    |              |   |      |   |  |            |    |  |                    |         |               |      |              |     |              |             |              |      |          |         |  |  |   |                    |         |             |      |              |     |             |         |              |        |             |         |          |     |          |         |  |  |
|                    |                                | <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>2</td> <td>Pole</td> <td>9</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>10</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>5</td> <td>Log</td> <td>12</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>53</td> <td>Log/Pole</td> <td>10</td> <td>46</td> </tr> <tr> <td>Paper Birch</td> <td>25</td> <td>Log/Pole</td> <td>10</td> <td>85</td> </tr> <tr> <td>Balsam Fir</td> <td>5</td> <td>Pole</td> <td>6</td> <td></td> </tr> </tbody> </table>  | Canopy Species | % Cover   | Size Class  | DBH          | Age  | Red Maple    | 2 | Pole    | 9 |  | Bigtooth Aspen | 10 | Pole         | 8 |    | Red Pine       | 5  | Log          | 12 |    | Jack Pine      | 53 | Log/Pole | 10 | 46 | Paper Birch | 25 | Log/Pole     | 10 | 85 | Balsam Fir   | 5 | 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>Conifers</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Maple (spp.)</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table> | Sub-Canopy Species | Density | Avg. Height   | Size | Conifers     | Low | 10 - 20 feet | Sapling     | Maple (spp.) | Low  | Variable | Sapling |  |  |   |                    |         |             |      |              |     |             |         |              |        |             |         |          |     |          |         |  |  |
| Canopy Species     | % Cover                        | Size Class   | DBH            | Age       |             |              |  |              |   |         |   |  |                |    |              |   |    |                |    |              |    |    |                |    |          |    |    |             |    |              |    |    |              |   |      |   |  |            |    |  |                    |         |               |      |              |     |              |             |              |      |          |         |  |  |   |                    |         |             |      |              |     |             |         |              |        |             |         |          |     |          |         |  |  |
| Red Maple          | 2                              | Pole   | 9              |           |             |              |  |              |   |         |   |  |                |    |              |   |    |                |    |              |    |    |                |    |          |    |    |             |    |              |    |    |              |   |      |   |  |            |    |  |                    |         |               |      |              |     |              |             |              |      |          |         |  |  |   |                    |         |             |      |              |     |             |         |              |        |             |         |          |     |          |         |  |  |
| Bigtooth Aspen     | 10                             | Pole   | 8              |           |             |              |  |              |   |         |   |  |                |    |              |   |    |                |    |              |    |    |                |    |          |    |    |             |    |              |    |    |              |   |      |   |  |            |    |  |                    |         |               |      |              |     |              |             |              |      |          |         |  |  |   |                    |         |             |      |              |     |             |         |              |        |             |         |          |     |          |         |  |  |
| Red Pine           | 5                              | Log  | 12             |           |             |              |  |              |   |         |   |  |                |    |              |   |    |                |    |              |    |    |                |    |          |    |    |             |    |              |    |    |              |   |      |   |  |            |    |  |                    |         |               |      |              |     |              |             |              |      |          |         |  |  |   |                    |         |             |      |              |     |             |         |              |        |             |         |          |     |          |         |  |  |
| Jack Pine          | 53                             | Log/Pole   | 10             | 46        |             |              |  |              |   |         |   |  |                |    |              |   |    |                |    |              |    |    |                |    |          |    |    |             |    |              |    |    |              |   |      |   |  |            |    |  |                    |         |               |      |              |     |              |             |              |      |          |         |  |  |   |                    |         |             |      |              |     |             |         |              |        |             |         |          |     |          |         |  |  |
| Paper Birch        | 25                             | Log/Pole   | 10             | 85        |             |              |  |              |   |         |   |  |                |    |              |   |    |                |    |              |    |    |                |    |          |    |    |             |    |              |    |    |              |   |      |   |  |            |    |  |                    |         |               |      |              |     |              |             |              |      |          |         |  |  |   |                    |         |             |      |              |     |             |         |              |        |             |         |          |     |          |         |  |  |
| Balsam Fir         | 5                              | Pole   | 6              |           |             |              |  |              |   |         |   |  |                |    |              |   |    |                |    |              |    |    |                |    |          |    |    |             |    |              |    |    |              |   |      |   |  |            |    |  |                    |         |               |      |              |     |              |             |              |      |          |         |  |  |   |                    |         |             |      |              |     |             |         |              |        |             |         |          |     |          |         |  |  |
| Sub-Canopy Species | Density                        | Avg. Height  | Size           |           |             |              |  |              |   |         |   |  |                |    |              |   |    |                |    |              |    |    |                |    |          |    |    |             |    |              |    |    |              |   |      |   |  |            |    |  |                    |         |               |      |              |     |              |             |              |      |          |         |  |  |   |                    |         |             |      |              |     |             |         |              |        |             |         |          |     |          |         |  |  |
| Conifers           | Low                            | 10 - 20 feet   | Sapling        |           |             |              |  |              |   |         |   |  |                |    |              |   |    |                |    |              |    |    |                |    |          |    |    |             |    |              |    |    |              |   |      |   |  |            |    |  |                    |         |               |      |              |     |              |             |              |      |          |         |  |  |   |                    |         |             |      |              |     |             |         |              |        |             |         |          |     |          |         |  |  |
| Maple (spp.)       | Low                            | Variable   | Sapling        |           |             |              |  |              |   |         |   |  |                |    |              |   |    |                |    |              |    |    |                |    |          |    |    |             |    |              |    |    |              |   |      |   |  |            |    |  |                    |         |               |      |              |     |              |             |              |      |          |         |  |  |   |                    |         |             |      |              |     |             |         |              |        |             |         |          |     |          |         |  |  |
| <b>47</b>          | 4134 - Aspen, Spruce/Fir       | Sapling Well   | 8.4            | 21        | Immature    | N/A          | Small mixed stand that extends into the compartment to the North. Stand has some larger pole size trees that were left during the harvest.   |              |   |         |   |  |                |    |              |   |    |                |    |              |    |    |                |    |          |    |    |             |    |              |    |    |              |   |      |   |  |            |    |  |                    |         |               |      |              |     |              |             |              |      |          |         |  |  |   |                    |         |             |      |              |     |             |         |              |        |             |         |          |     |          |         |  |  |
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| Canopy Species     | % Cover                        | Size Class   | DBH            | Age       |             |              |  |              |   |         |   |  |                |    |              |   |    |                |    |              |    |    |                |    |          |    |    |             |    |              |    |    |              |   |      |   |  |            |    |  |                    |         |               |      |              |     |              |             |              |      |          |         |  |  |   |                    |         |             |      |              |     |             |         |              |        |             |         |          |     |          |         |  |  |
| Red Pine           | 2                              | Pole   | 5              |           |             |              |  |              |   |         |   |  |                |    |              |   |    |                |    |              |    |    |                |    |          |    |    |             |    |              |    |    |              |   |      |   |  |            |    |  |                    |         |               |      |              |     |              |             |              |      |          |         |  |  |   |                    |         |             |      |              |     |             |         |              |        |             |         |          |     |          |         |  |  |
| Black Cherry       | 15                             | Sapling  | 2              |           |             |              |  |              |   |         |   |  |                |    |              |   |    |                |    |              |    |    |                |    |          |    |    |             |    |              |    |    |              |   |      |   |  |            |    |  |                    |         |               |      |              |     |              |             |              |      |          |         |  |  |   |                    |         |             |      |              |     |             |         |              |        |             |         |          |     |          |         |  |  |
| Quaking Aspen      | 30                             | Sapling  | 2              | 21        |             |              |  |              |   |         |   |  |                |    |              |   |    |                |    |              |    |    |                |    |          |    |    |             |    |              |    |    |              |   |      |   |  |            |    |  |                    |         |               |      |              |     |              |             |              |      |          |         |  |  |   |                    |         |             |      |              |     |             |         |              |        |             |         |          |     |          |         |  |  |
| Bigtooth Aspen     | 20                             | Sapling  | 2              |           |             |              |  |              |   |         |   |  |                |    |              |   |    |                |    |              |    |    |                |    |          |    |    |             |    |              |    |    |              |   |      |   |  |            |    |  |                    |         |               |      |              |     |              |             |              |      |          |         |  |  |   |                    |         |             |      |              |     |             |         |              |        |             |         |          |     |          |         |  |  |
| Jack Pine          | 8                              | Sapling/Pole   | 4              |           |             |              |  |              |   |         |   |  |                |    |              |   |    |                |    |              |    |    |                |    |          |    |    |             |    |              |    |    |              |   |      |   |  |            |    |  |                    |         |               |      |              |     |              |             |              |      |          |         |  |  |   |                    |         |             |      |              |     |             |         |              |        |             |         |          |     |          |         |  |  |
| Paper Birch        | 5                              | Pole   | 6              |           |             |              |  |              |   |         |   |  |                |    |              |   |    |                |    |              |    |    |                |    |          |    |    |             |    |              |    |    |              |   |      |   |  |            |    |  |                    |         |               |      |              |     |              |             |              |      |          |         |  |  |   |                    |         |             |      |              |     |             |         |              |        |             |         |          |     |          |         |  |  |
| Balsam Fir         | 20                             | Sapling/Pole   | 4              |           |             |              |  |              |   |         |   |  |                |    |              |   |    |                |    |              |    |    |                |    |          |    |    |             |    |              |    |    |              |   |      |   |  |            |    |  |                    |         |               |      |              |     |              |             |              |      |          |         |  |  |   |                    |         |             |      |              |     |             |         |              |        |             |         |          |     |          |         |  |  |
| <b>48</b>          | 3303 - Mixed Low Density Trees | Nonstocked   | 10.8           |           | Unspecified | No           | Stand is filling in with cherry, aspen, white pine, jack pine, and white spruce. Ground is covered with ferns and grass.   |              |   |         |   |  |                |    |              |   |    |                |    |              |    |    |                |    |          |    |    |             |    |              |    |    |              |   |      |   |  |            |    |  |                    |         |               |      |              |     |              |             |              |      |          |         |  |  |   |                    |         |             |      |              |     |             |         |              |        |             |         |          |     |          |         |  |  |
| <b>49</b>          | 42110 - Planted Red Pine       | Sapling Well   | 38.8           | 11        | Immature    | N/A          | Cut in 2010 as part of Ridge Edge Pine. Stand has some hardwood whips and some scattered conifer saplings.FTP#C44-583. Planted in 2012.  |              |   |         |   |  |                |    |              |   |    |                |    |              |    |    |                |    |          |    |    |             |    |              |    |    |              |   |      |   |  |            |    |  |                    |         |               |      |              |     |              |             |              |      |          |         |  |  |   |                    |         |             |      |              |     |             |         |              |        |             |         |          |     |          |         |  |  |
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| Canopy Species     | % Cover                        | Size Class   | DBH            | Age       |             |              |  |              |   |         |   |  |                |    |              |   |    |                |    |              |    |    |                |    |          |    |    |             |    |              |    |    |              |   |      |   |  |            |    |  |                    |         |               |      |              |     |              |             |              |      |          |         |  |  |   |                    |         |             |      |              |     |             |         |              |        |             |         |          |     |          |         |  |  |
| Red Maple          | 3                              | Sapling  | 1              |           |             |              |  |              |   |         |   |  |                |    |              |   |    |                |    |              |    |    |                |    |          |    |    |             |    |              |    |    |              |   |      |   |  |            |    |  |                    |         |               |      |              |     |              |             |              |      |          |         |  |  |   |                    |         |             |      |              |     |             |         |              |        |             |         |          |     |          |         |  |  |
| Red Pine           | 95                             | Sapling  | 2              | 11        |             |              |  |              |   |         |   |  |                |    |              |   |    |                |    |              |    |    |                |    |          |    |    |             |    |              |    |    |              |   |      |   |  |            |    |  |                    |         |               |      |              |     |              |             |              |      |          |         |  |  |   |                    |         |             |      |              |     |             |         |              |        |             |         |          |     |          |         |  |  |
| Quaking Aspen      | 2                              | Sapling  | 2              |           |             |              |  |              |   |         |   |  |                |    |              |   |    |                |    |              |    |    |                |    |          |    |    |             |    |              |    |    |              |   |      |   |  |            |    |  |                    |         |               |      |              |     |              |             |              |      |          |         |  |  |   |                    |         |             |      |              |     |             |         |              |        |             |         |          |     |          |         |  |  |
| <b>50</b>          | 3102 - Grass                   | Nonstocked   | 45.1           |           | Unspecified | No           | Grass along the banks of the carp river.   |              |   |         |   |  |                |    |              |   |    |                |    |              |    |    |                |    |          |    |    |             |    |              |    |    |              |   |      |   |  |            |    |  |                    |         |               |      |              |     |              |             |              |      |          |         |  |  |   |                    |         |             |      |              |     |             |         |              |        |             |         |          |     |          |         |  |  |
| <b>51</b>          | 4136 - Aspen, Mixed Conifer    | Poletimber Well  | 18.5           | 35        | 51-80       | N/A          | Aspen stand with scattered conifer stand runs along the river and between two red pine stand. Lots of variation in DBH of the aspen in this stand. More spruce in the canopy as you head further west. |              |   |         |   |  |                |    |              |   |    |                |    |              |    |    |                |    |          |    |    |             |    |              |    |    |              |   |      |   |  |            |    |  |                    |         |               |      |              |     |              |             |              |      |          |         |  |  |   |                    |         |             |      |              |     |             |         |              |        |             |         |          |     |          |         |  |  |
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| Canopy Species     | % Cover                        | Size Class   | DBH            | Age       |             |              |  |              |   |         |   |  |                |    |              |   |    |                |    |              |    |    |                |    |          |    |    |             |    |              |    |    |              |   |      |   |  |            |    |  |                    |         |               |      |              |     |              |             |              |      |          |         |  |  |   |                    |         |             |      |              |     |             |         |              |        |             |         |          |     |          |         |  |  |
| White Spruce       | 8                              | Pole   | 5              |           |             |              |  |              |   |         |   |  |                |    |              |   |    |                |    |              |    |    |                |    |          |    |    |             |    |              |    |    |              |   |      |   |  |            |    |  |                    |         |               |      |              |     |              |             |              |      |          |         |  |  |   |                    |         |             |      |              |     |             |         |              |        |             |         |          |     |          |         |  |  |
| Balsam Fir         | 3                              | Sapling/Pole   | 3              |           |             |              |  |              |   |         |   |  |                |    |              |   |    |                |    |              |    |    |                |    |          |    |    |             |    |              |    |    |              |   |      |   |  |            |    |  |                    |         |               |      |              |     |              |             |              |      |          |         |  |  |   |                    |         |             |      |              |     |             |         |              |        |             |         |          |     |          |         |  |  |
| Bigtooth Aspen     | 39                             | Pole/Sapling   | 6              | 35        |             |              |  |              |   |         |   |  |                |    |              |   |    |                |    |              |    |    |                |    |          |    |    |             |    |              |    |    |              |   |      |   |  |            |    |  |                    |         |               |      |              |     |              |             |              |      |          |         |  |  |   |                    |         |             |      |              |     |             |         |              |        |             |         |          |     |          |         |  |  |
| White Pine         | 2                              | Pole/Log   | 7              |           |             |              |  |              |   |         |   |  |                |    |              |   |    |                |    |              |    |    |                |    |          |    |    |             |    |              |    |    |              |   |      |   |  |            |    |  |                    |         |               |      |              |     |              |             |              |      |          |         |  |  |   |                    |         |             |      |              |     |             |         |              |        |             |         |          |     |          |         |  |  |
| Red Maple          | 2                              | Pole/Sapling   | 4              |           |             |              |  |              |   |         |   |  |                |    |              |   |    |                |    |              |    |    |                |    |          |    |    |             |    |              |    |    |              |   |      |   |  |            |    |  |                    |         |               |      |              |     |              |             |              |      |          |         |  |  |   |                    |         |             |      |              |     |             |         |              |        |             |         |          |     |          |         |  |  |
| Black Cherry       | 3                              | Pole   | 5              |           |             |              |  |              |   |         |   |  |                |    |              |   |    |                |    |              |    |    |                |    |          |    |    |             |    |              |    |    |              |   |      |   |  |            |    |  |                    |         |               |      |              |     |              |             |              |      |          |         |  |  |   |                    |         |             |      |              |     |             |         |              |        |             |         |          |     |          |         |  |  |
| Jack Pine          | 9                              | Pole   | 6              |           |             |              |  |              |   |         |   |  |                |    |              |   |    |                |    |              |    |    |                |    |          |    |    |             |    |              |    |    |              |   |      |   |  |            |    |  |                    |         |               |      |              |     |              |             |              |      |          |         |  |  |   |                    |         |             |      |              |     |             |         |              |        |             |         |          |     |          |         |  |  |
| Quaking Aspen      | 32                             | Pole/Sapling   | 6              |           |             |              |  |              |   |         |   |  |                |    |              |   |    |                |    |              |    |    |                |    |          |    |    |             |    |              |    |    |              |   |      |   |  |            |    |  |                    |         |               |      |              |     |              |             |              |      |          |         |  |  |   |                    |         |             |      |              |     |             |         |              |        |             |         |          |     |          |         |  |  |
| Paper Birch        | 2                              | Pole   | 5              |           |             |              |  |              |   |         |   |  |                |    |              |   |    |                |    |              |    |    |                |    |          |    |    |             |    |              |    |    |              |   |      |   |  |            |    |  |                    |         |               |      |              |     |              |             |              |      |          |         |  |  |   |                    |         |             |      |              |     |             |         |              |        |             |         |          |     |          |         |  |  |
| Sub-Canopy Species | Density                        | Avg. Height  | Size           |           |             |              |  |              |   |         |   |  |                |    |              |   |    |                |    |              |    |    |                |    |          |    |    |             |    |              |    |    |              |   |      |   |  |            |    |  |                    |         |               |      |              |     |              |             |              |      |          |         |  |  |   |                    |         |             |      |              |     |             |         |              |        |             |         |          |     |          |         |  |  |
| Maple (spp.)       | Low                            | 5 - 10 feet  | Sapling        |           |             |              |  |              |   |         |   |  |                |    |              |   |    |                |    |              |    |    |                |    |          |    |    |             |    |              |    |    |              |   |      |   |  |            |    |  |                    |         |               |      |              |     |              |             |              |      |          |         |  |  |   |                    |         |             |      |              |     |             |         |              |        |             |         |          |     |          |         |  |  |
| Aspen (spp.)       | Medium                         | 5 - 10 feet  | Sapling        |           |             |              |  |              |   |         |   |  |                |    |              |   |    |                |    |              |    |    |                |    |          |    |    |             |    |              |    |    |              |   |      |   |  |            |    |  |                    |         |               |      |              |     |              |             |              |      |          |         |  |  |   |                    |         |             |      |              |     |             |         |              |        |             |         |          |     |          |         |  |  |
| Conifers           | Low                            | < 5 feet   | Sapling        |           |             |              |  |              |   |         |   |  |                |    |              |   |    |                |    |              |    |    |                |    |          |    |    |             |    |              |    |    |              |   |      |   |  |            |    |  |                    |         |               |      |              |     |              |             |              |      |          |         |  |  |   |                    |         |             |      |              |     |             |         |              |        |             |         |          |     |          |         |  |  |



| Stand                 | Level 4 Cover Type                 | Size Density    | Acres             | Stand Age  | BA Range    | Managed Site              | General Comments   |                |                    |             |
|-----------------------|------------------------------------|-----------------|-------------------|------------|-------------|---------------------------|--|----------------|--------------------|-------------|
| <b>52</b>             | 42110 - Planted Red Pine           | Sawtimber Well  | 85.7              | 82         | 111-140     | N/A                       | Red pine stand that is slower growing and has variable diameter. DBH's are bigger on the ridge to the south. The understory has low-medium density whips. This stand is quite hilly. The ridge to the south was last thinned in 1999 as part of High Bluff Pine. Portion of the stand on the East side of Huckleberry Lake road was thinned in 2008 as part of Huckleberry Mix. The west portion was thinned in 2016, Pine Mountain timber sale. |                |                    |             |
| <b>Canopy Species</b> |                                    | <b>% Cover</b>  | <b>Size Class</b> | <b>DBH</b> | <b>Age</b>  | <b>Sub-Canopy Species</b> |  | <b>Density</b> | <b>Avg. Height</b> | <b>Size</b> |
| Red Pine              |                                    | 100             | Log/Pole          | 11         | 82          | Conifers                  |  | Low            | 5 - 10 feet        | Sapling     |
|                       |                                    |                 |                   |            |             | Maple (spp.)              |  | Medium         | Variable           | Sapling     |
| <b>53</b>             | 3301 - Low Density Deciduous Trees | Nonstocked      | 9.5               |            |             | No                        | Opening with pockets of sapling size aspen.  |                |                    |             |
| <b>54</b>             | 4133 - Aspen, Mixed Pine           | Sapling Well    | 3.5               | 23         | Immature    | N/A                       | Small mixed stand in the middle of the pine plantations. Aspen, cherry and maple with scattered pines and fir. Stand was cut in 1999.  |                |                    |             |
| <b>Canopy Species</b> |                                    | <b>% Cover</b>  | <b>Size Class</b> | <b>DBH</b> | <b>Age</b>  |                           |  |                |                    |             |
| Black Cherry          |                                    | 15              | Sapling           | 2          |             |                           |  |                |                    |             |
| Quaking Aspen         |                                    | 45              | Sapling           | 2          | 23          |                           |  |                |                    |             |
| Red Maple             |                                    | 5               | Sapling           | 2          |             |                           |  |                |                    |             |
| Balsam Fir            |                                    | 5               | Sapling           | 2          |             |                           |  |                |                    |             |
| Jack Pine             |                                    | 15              | Pole              | 6          |             |                           |  |                |                    |             |
| Red Pine              |                                    | 15              | Sapling/Pole      | 4          |             |                           |  |                |                    |             |
| <b>55</b>             | 42220 - Natural Jack Pine          | Poletimber Well | 5.0               | 40         | 51-80       | N/A                       | This is a forested stand consisting of Jackpine with scattered red pine and pockets of young aspen. Stand is naturally filling in the opening starting along the red pine plantation and working south toward the aspen.   |                |                    |             |
| <b>Canopy Species</b> |                                    | <b>% Cover</b>  | <b>Size Class</b> | <b>DBH</b> | <b>Age</b>  |                           |  |                |                    |             |
| Quaking Aspen         |                                    | 20              | Sapling/Pole      | 4          |             |                           |  |                |                    |             |
| Jack Pine             |                                    | 65              | Pole/Sapling      | 6          | 40          |                           |  |                |                    |             |
| Red Pine              |                                    | 15              | Pole              | 5          |             |                           |  |                |                    |             |
| <b>56</b>             | 42110 - Planted Red Pine           | Sapling Well    | 1.0               | 11         | Immature    | N/A                       | Stand was cut in 2010 as part of Ridge Edge Pine. Has lots of hardwood whips and some scattered conifer saplings. FTP#C44-583. Planted in 2012.  |                |                    |             |
| <b>Canopy Species</b> |                                    | <b>% Cover</b>  | <b>Size Class</b> | <b>DBH</b> | <b>Age</b>  | <b>Sub-Canopy Species</b> |  | <b>Density</b> | <b>Avg. Height</b> | <b>Size</b> |
| Red Pine              |                                    | 100             | Sapling           | 2          | 11          | Black Spruce              |  | Low            | < 5 feet           | Seeding     |
|                       |                                    |                 |                   |            |             | Jack Pine                 |  | Medium         | < 5 feet           | Seeding     |
|                       |                                    |                 |                   |            |             | Aspen (spp.)              |  | Low            | 5 - 10 feet        | Sapling     |
|                       |                                    |                 |                   |            |             | White Pine                |  | Low            | < 5 feet           | Seeding     |
| <b>57</b>             | 6224 - Treed Bog                   | Nonstocked      | 9.4               |            | Unspecified | No                        | Wet. Scattered tamarack seedlings, sapling, and poles growing in it.   |                |                    |             |



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

**58** 4130 - Aspen Sapling Well 48.0 14 Immature N/A

Young aspen stand cut in 2008 as part of Huckleberry Mix. Scattered overstory white pine were left behind when the stand was harvested. Some red pine regeneration is present on the north end of the stand. Berm on the road into the stand seem to be keeping ATV's out, no traffic is evident in the stand

| Canopy Species | % Cover | Size Class   | DBH | Age |
|----------------|---------|--------------|-----|-----|
| Bigtooth Aspen | 20      | Sapling      | 3   |     |
| White Spruce   | 5       | Sapling/Pole | 3   |     |
| Quaking Aspen  | 50      | Sapling      | 3   | 14  |
| White Pine     | 6       | Pole/Log     | 8   |     |
| Jack Pine      | 2       | Sapling      | 2   |     |
| Black Cherry   | 10      | Sapling      | 2   |     |
| Balsam Fir     | 5       | Sapling/Pole | 2   |     |
| Red Maple      | 2       | Sapling      | 1   |     |

**59** 6224 - Treed Bog Nonstocked 1.4 No

This stand was cut in 2008 as part of Huckleberry Mix. This was a lowland pocket of jack pine and spruce that was included in the species designation of a pine unit. Leatherleaf covers the ground in this stand. There is a medium stocking of regeneration which includes jack pine, tamarack, spruce and white pine. There is a patch of aspen growing on the higher ground on the south edge of the stand. A few scattered pole size trees are present.

**60** 6129 - Mixed Coniferous Lowland Forest Poletimber Well 29.0 45 81-110 N/A

Lowland mixed conifer stand that is mostly jack pine in the south and tamarack in the north. Some areas of this stand on the higher ground seem to have been planted or scarified for jack pine. There is an open ridge running through the center of the stand with jack pine at the top. In the lower ground off of the ridge it turns into a mixed tamarack/jack pine stand. Northeast area has larger diameter, some larger tamarack starting to show mortality.

| Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size    |
|----------------|---------|------------|-----|-----|--------------------|---------|-------------|---------|
| Jack Pine      | 25      | Pole       | 6   |     | Conifers           | Medium  | Variable    | Sapling |
| Black Spruce   | 7       | Pole       | 6   |     |                    |         |             |         |
| Tamarack       | 40      | Pole       | 7   | 45  |                    |         |             |         |
| White Pine     | 20      | Pole       | 6   |     |                    |         |             |         |
| Balsam Fir     | 8       | Pole       | 6   |     |                    |         |             |         |

**61** 4130 - Aspen Sapling Medium 9.5 14 Immature N/A

Young aspen stand with red maple stump sprouts scattered throughout the stand. There are a few pole size trees left behind during the harvest. The stand transitions into lower ground which is covered by leatherleaf as you head down the hill to the east. In this area there is a larger component of jack pine regeneration. Except for an open area in the middle of the stand there is nice regeneration. Stand was harvested as part of Huckleberry Mix which was closed in 2008.

| Canopy Species | % Cover | Size Class | DBH | Age |
|----------------|---------|------------|-----|-----|
| Jack Pine      | 7       | Sapling    | 1   |     |
| Red Maple      | 15      | Sapling    | 1   |     |
| White Pine     | 5       | Sapling    | 2   |     |
| White Spruce   | 2       | Sapling    | 1   |     |
| Bigtooth Aspen | 26      | Sapling    | 2   |     |
| Quaking Aspen  | 45      | Sapling    | 2   | 14  |



| Stand   | Level 4 Cover Type                     | Size Density      | Acres      | Stand Age | BA Range | Managed Site | General Comments  |                |             |            |              |        |               |            |              |        |             |              |           |              |             |            |                      |     |              |         |  |                |    |              |   |  |               |    |              |   |    |            |    |              |   |    |              |    |      |   |  |
|---|--|-------------------|------------|-----------|----------|--------------|---|----------------|-------------|------------|--------------|--------|---------------|------------|--------------|--------|-------------|--------------|-----------|--------------|-------------|------------|----------------------|-----|--------------|---------|--|----------------|----|--------------|---|--|---------------|----|--------------|---|----|------------|----|--------------|---|----|--------------|----|------|---|--|
| <b>62</b>   | 42120 - Planted Jack Pine              | Poletimber Medium | 6.1        | 31        | 51-80    | N/A          | This stand was cut in 1991 as part of Huckleberry Road Sale, scarified then was seeded and hand planted. It now has jack pine that is thicker then thick in some places then open in others. There are a few pockets of aspen present in the stand. In some areas of the stand the ground is covered with leatherleaf and in others it is higher ground covered with blueberry.       |                |             |            |              |        |               |            |              |        |             |              |           |              |             |            |                      |     |              |         |  |                |    |              |   |  |               |    |              |   |    |            |    |              |   |    |              |    |      |   |  |
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| Canopy Species  | % Cover                                | Size Class        | DBH        | Age       |          |              |   |                |             |            |              |        |               |            |              |        |             |              |           |              |             |            |                      |     |              |         |  |                |    |              |   |  |               |    |              |   |    |            |    |              |   |    |              |    |      |   |  |
| Tamarack  | 2                                      | Sapling/Pole      | 3          |           |          |              |   |                |             |            |              |        |               |            |              |        |             |              |           |              |             |            |                      |     |              |         |  |                |    |              |   |  |               |    |              |   |    |            |    |              |   |    |              |    |      |   |  |
| Black Spruce  | 12                                     | Sapling/Pole      | 4          |           |          |              |   |                |             |            |              |        |               |            |              |        |             |              |           |              |             |            |                      |     |              |         |  |                |    |              |   |  |               |    |              |   |    |            |    |              |   |    |              |    |      |   |  |
| White Pine  | 2                                      | Sapling           | 2          |           |          |              |   |                |             |            |              |        |               |            |              |        |             |              |           |              |             |            |                      |     |              |         |  |                |    |              |   |  |               |    |              |   |    |            |    |              |   |    |              |    |      |   |  |
| Red Pine  | 3                                      | Sapling           | 2          |           |          |              |   |                |             |            |              |        |               |            |              |        |             |              |           |              |             |            |                      |     |              |         |  |                |    |              |   |  |               |    |              |   |    |            |    |              |   |    |              |    |      |   |  |
| Quaking Aspen   | 10                                     | Sapling           | 3          |           |          |              |   |                |             |            |              |        |               |            |              |        |             |              |           |              |             |            |                      |     |              |         |  |                |    |              |   |  |               |    |              |   |    |            |    |              |   |    |              |    |      |   |  |
| Jack Pine   | 71                                     | Pole/Sapling      | 6          | 31        |          |              |   |                |             |            |              |        |               |            |              |        |             |              |           |              |             |            |                      |     |              |         |  |                |    |              |   |  |               |    |              |   |    |            |    |              |   |    |              |    |      |   |  |
| <b>63</b>   | 6132 - Mixed Lowland Forest with Cedar | Poletimber Poor   | 9.3        | 58        | 1-50     | N/A          | Lower ground in the middle of an aspen stand. Some aspen mixed with balsam fir and spruce. In the center of the stand there is tag alder opening with scattered cedar.  |                |             |            |              |        |               |            |              |        |             |              |           |              |             |            |                      |     |              |         |  |                |    |              |   |  |               |    |              |   |    |            |    |              |   |    |              |    |      |   |  |
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| Canopy Species  | % Cover                                | Size Class        | DBH        | Age       |          |              |   |                |             |            |              |        |               |            |              |        |             |              |           |              |             |            |                      |     |              |         |  |                |    |              |   |  |               |    |              |   |    |            |    |              |   |    |              |    |      |   |  |
| Tamarack  | 2                                      | Pole              | 8          |           |          |              |   |                |             |            |              |        |               |            |              |        |             |              |           |              |             |            |                      |     |              |         |  |                |    |              |   |  |               |    |              |   |    |            |    |              |   |    |              |    |      |   |  |
| Red Maple   | 13                                     | Pole              | 7          |           |          |              |   |                |             |            |              |        |               |            |              |        |             |              |           |              |             |            |                      |     |              |         |  |                |    |              |   |  |               |    |              |   |    |            |    |              |   |    |              |    |      |   |  |
| Northern White Cedar  | 20                                     | Pole              | 8          |           |          |              |   |                |             |            |              |        |               |            |              |        |             |              |           |              |             |            |                      |     |              |         |  |                |    |              |   |  |               |    |              |   |    |            |    |              |   |    |              |    |      |   |  |
| Paper Birch   | 15                                     | Pole              | 8          |           |          |              |   |                |             |            |              |        |               |            |              |        |             |              |           |              |             |            |                      |     |              |         |  |                |    |              |   |  |               |    |              |   |    |            |    |              |   |    |              |    |      |   |  |
| Quaking Aspen   | 20                                     | Pole/Sapling      | 5          | 48        |          |              |   |                |             |            |              |        |               |            |              |        |             |              |           |              |             |            |                      |     |              |         |  |                |    |              |   |  |               |    |              |   |    |            |    |              |   |    |              |    |      |   |  |
| Balsam Fir  | 20                                     | Pole              | 6          | 58        |          |              |   |                |             |            |              |        |               |            |              |        |             |              |           |              |             |            |                      |     |              |         |  |                |    |              |   |  |               |    |              |   |    |            |    |              |   |    |              |    |      |   |  |
| White Spruce  | 10                                     | Pole              | 9          |           |          |              |   |                |             |            |              |        |               |            |              |        |             |              |           |              |             |            |                      |     |              |         |  |                |    |              |   |  |               |    |              |   |    |            |    |              |   |    |              |    |      |   |  |
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| Sub-Canopy Species  | Density                                | Avg. Height       | Size       |           |          |              |   |                |             |            |              |        |               |            |              |        |             |              |           |              |             |            |                      |     |              |         |  |                |    |              |   |  |               |    |              |   |    |            |    |              |   |    |              |    |      |   |  |
| Willow spp.   | Medium                                 | 5 - 10 feet       | Tall Shrub |           |          |              |   |                |             |            |              |        |               |            |              |        |             |              |           |              |             |            |                      |     |              |         |  |                |    |              |   |  |               |    |              |   |    |            |    |              |   |    |              |    |      |   |  |
| Aspen (spp.)  | Medium                                 | 5 - 10 feet       | Sapling    |           |          |              |   |                |             |            |              |        |               |            |              |        |             |              |           |              |             |            |                      |     |              |         |  |                |    |              |   |  |               |    |              |   |    |            |    |              |   |    |              |    |      |   |  |
| Tag Alder   | Medium                                 | 5 - 10 feet       | Tall Shrub |           |          |              |   |                |             |            |              |        |               |            |              |        |             |              |           |              |             |            |                      |     |              |         |  |                |    |              |   |  |               |    |              |   |    |            |    |              |   |    |              |    |      |   |  |
| Conifers  | Low                                    | 5 - 10 feet       | Sapling    |           |          |              |   |                |             |            |              |        |               |            |              |        |             |              |           |              |             |            |                      |     |              |         |  |                |    |              |   |  |               |    |              |   |    |            |    |              |   |    |              |    |      |   |  |
| <b>64</b>   | 6121 - Tamarack                        | Sapling Medium    | 1.7        | 15        | Immature | N/A          | 2023- Stand has now converted to forested. Tamarack and jack pine 2013- Stand was cut as part of Huckleberry Mix in 2008. This is a lowland stand where the ground is covered with leatherleaf. There is good regeneration of jack pine, spruce, tamarack and white pine. Regeneration is not 3ft tall yet. There are a few overstory white pine that were retained from the harvest. |                |             |            |              |        |               |            |              |        |             |              |           |              |             |            |                      |     |              |         |  |                |    |              |   |  |               |    |              |   |    |            |    |              |   |    |              |    |      |   |  |
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| Canopy Species  | % Cover                                | Size Class        | DBH        | Age       |          |              |   |                |             |            |              |        |               |            |              |        |             |              |           |              |             |            |                      |     |              |         |  |                |    |              |   |  |               |    |              |   |    |            |    |              |   |    |              |    |      |   |  |
| Black Spruce  | 10                                     | Sapling           | 3          |           |          |              |   |                |             |            |              |        |               |            |              |        |             |              |           |              |             |            |                      |     |              |         |  |                |    |              |   |  |               |    |              |   |    |            |    |              |   |    |              |    |      |   |  |
| Tamarack  | 50                                     | Sapling           | 3          | 15        |          |              |   |                |             |            |              |        |               |            |              |        |             |              |           |              |             |            |                      |     |              |         |  |                |    |              |   |  |               |    |              |   |    |            |    |              |   |    |              |    |      |   |  |
| Jack Pine   | 30                                     | Sapling           | 3          |           |          |              |   |                |             |            |              |        |               |            |              |        |             |              |           |              |             |            |                      |     |              |         |  |                |    |              |   |  |               |    |              |   |    |            |    |              |   |    |              |    |      |   |  |
| White Pine  | 10                                     | Sapling           | 2          |           |          |              |   |                |             |            |              |        |               |            |              |        |             |              |           |              |             |            |                      |     |              |         |  |                |    |              |   |  |               |    |              |   |    |            |    |              |   |    |              |    |      |   |  |
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| Sub-Canopy Species  | Density                                | Avg. Height       | Size       |           |          |              |   |                |             |            |              |        |               |            |              |        |             |              |           |              |             |            |                      |     |              |         |  |                |    |              |   |  |               |    |              |   |    |            |    |              |   |    |              |    |      |   |  |
| Leatherleaf   | Full                                   |                   | Tall Shrub |           |          |              |   |                |             |            |              |        |               |            |              |        |             |              |           |              |             |            |                      |     |              |         |  |                |    |              |   |  |               |    |              |   |    |            |    |              |   |    |              |    |      |   |  |
| <b>65</b>   | 4133 - Aspen, Mixed Pine               | Sapling Well      | 7.0        | 31        | Immature | N/A          | Young aspen stand on the edge of a wetland and jack pine. Some aspen and scattered conifer in the understory.   |                |             |            |              |        |               |            |              |        |             |              |           |              |             |            |                      |     |              |         |  |                |    |              |   |  |               |    |              |   |    |            |    |              |   |    |              |    |      |   |  |
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| Canopy Species  | % Cover                                | Size Class        | DBH        | Age       |          |              |   |                |             |            |              |        |               |            |              |        |             |              |           |              |             |            |                      |     |              |         |  |                |    |              |   |  |               |    |              |   |    |            |    |              |   |    |              |    |      |   |  |
| Quaking Aspen   | 50                                     | Sapling/Pole      | 4          | 31        |          |              |   |                |             |            |              |        |               |            |              |        |             |              |           |              |             |            |                      |     |              |         |  |                |    |              |   |  |               |    |              |   |    |            |    |              |   |    |              |    |      |   |  |
| Jack Pine   | 10                                     | Pole              | 6          |           |          |              |   |                |             |            |              |        |               |            |              |        |             |              |           |              |             |            |                      |     |              |         |  |                |    |              |   |  |               |    |              |   |    |            |    |              |   |    |              |    |      |   |  |
| Red Pine  | 10                                     | Sapling/Pole      | 4          |           |          |              |   |                |             |            |              |        |               |            |              |        |             |              |           |              |             |            |                      |     |              |         |  |                |    |              |   |  |               |    |              |   |    |            |    |              |   |    |              |    |      |   |  |
| Bigtooth Aspen  | 30                                     | Sapling/Pole      | 3          |           |          |              |   |                |             |            |              |        |               |            |              |        |             |              |           |              |             |            |                      |     |              |         |  |                |    |              |   |  |               |    |              |   |    |            |    |              |   |    |              |    |      |   |  |
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| Sub-Canopy Species  | Density                                | Avg. Height       | Size       |           |          |              |   |                |             |            |              |        |               |            |              |        |             |              |           |              |             |            |                      |     |              |         |  |                |    |              |   |  |               |    |              |   |    |            |    |              |   |    |              |    |      |   |  |
| Aspen (spp.)  | Low                                    | 5 - 10 feet       | Sapling    |           |          |              |   |                |             |            |              |        |               |            |              |        |             |              |           |              |             |            |                      |     |              |         |  |                |    |              |   |  |               |    |              |   |    |            |    |              |   |    |              |    |      |   |  |
| Conifers  | Low                                    | 5 - 10 feet       | Sapling    |           |          |              |   |                |             |            |              |        |               |            |              |        |             |              |           |              |             |            |                      |     |              |         |  |                |    |              |   |  |               |    |              |   |    |            |    |              |   |    |              |    |      |   |  |
| <b>66</b>   | 629 - Mixed non-forested wetland       | Nonstocked        | 2.6        |           |          | No           | Lowland stand with scattered cedar snags.   |                |             |            |              |        |               |            |              |        |             |              |           |              |             |            |                      |     |              |         |  |                |    |              |   |  |               |    |              |   |    |            |    |              |   |    |              |    |      |   |  |





| Stand   | Level 4 Cover Type         | Size Density   | Acres   | Stand Age  | BA Range | Managed Site | General Comments   |    |              |   |    |                |    |              |   |  |              |    |              |   |   |            |   |              |   |  |   |    |                    |         |             |                |          |              |          |         |              |    |              |   |  |  |   |                    |         |             |              |              |         |          |         |              |     |          |         |              |     |          |         |
|---|----------------------------|----------------|---------|------------|----------|--------------|--|----|--------------|---|----|----------------|----|--------------|---|--|--------------|----|--------------|---|---|------------|---|--------------|---|--|---|----|--------------------|---------|-------------|----------------|----------|--------------|----------|---------|--------------|----|--------------|---|--|--|---|--------------------|---------|-------------|--------------|--------------|---------|----------|---------|--------------|-----|----------|---------|--------------|-----|----------|---------|
| <b>67</b>   | 4311 - Pine, Aspen Mix     | Sapling Well   | 11.8    | 32         | 51-80    | N/A          | Aspen/jack pine stand. Cut in 1991. Regeneration looks good. This part of the cut came back heavier to aspen then jack pine. Some open areas   |    |              |   |    |                |    |              |   |  |              |    |              |   |   |            |   |              |   |  |   |    |                    |         |             |                |          |              |          |         |              |    |              |   |  |  |   |                    |         |             |              |              |         |          |         |              |     |          |         |              |     |          |         |
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| Canopy Species  | % Cover                    | Size Class     | DBH     | Age        |          |              |  |    |              |   |    |                |    |              |   |  |              |    |              |   |   |            |   |              |   |  |   |    |                    |         |             |                |          |              |          |         |              |    |              |   |  |  |   |                    |         |             |              |              |         |          |         |              |     |          |         |              |     |          |         |
| Red Pine  | 2                          | Sapling/Pole   | 4       |            |          |              |  |    |              |   |    |                |    |              |   |  |              |    |              |   |   |            |   |              |   |  |   |    |                    |         |             |                |          |              |          |         |              |    |              |   |  |  |   |                    |         |             |              |              |         |          |         |              |     |          |         |              |     |          |         |
| Quaking Aspen   | 15                         | Sapling        | 3       |            |          |              |  |    |              |   |    |                |    |              |   |  |              |    |              |   |   |            |   |              |   |  |   |    |                    |         |             |                |          |              |          |         |              |    |              |   |  |  |   |                    |         |             |              |              |         |          |         |              |     |          |         |              |     |          |         |
| Balsam Fir  | 15                         | Sapling/Pole   | 4       |            |          |              |  |    |              |   |    |                |    |              |   |  |              |    |              |   |   |            |   |              |   |  |   |    |                    |         |             |                |          |              |          |         |              |    |              |   |  |  |   |                    |         |             |              |              |         |          |         |              |     |          |         |              |     |          |         |
| White Pine  | 2                          | Pole           | 5       |            |          |              |  |    |              |   |    |                |    |              |   |  |              |    |              |   |   |            |   |              |   |  |   |    |                    |         |             |                |          |              |          |         |              |    |              |   |  |  |   |                    |         |             |              |              |         |          |         |              |     |          |         |              |     |          |         |
| Jack Pine   | 25                         | Sapling/Pole   | 4       |            |          |              |  |    |              |   |    |                |    |              |   |  |              |    |              |   |   |            |   |              |   |  |   |    |                    |         |             |                |          |              |          |         |              |    |              |   |  |  |   |                    |         |             |              |              |         |          |         |              |     |          |         |              |     |          |         |
| Bigtooth Aspen  | 35                         | Sapling/Pole   | 4       | 32         |          |              |  |    |              |   |    |                |    |              |   |  |              |    |              |   |   |            |   |              |   |  |   |    |                    |         |             |                |          |              |          |         |              |    |              |   |  |  |   |                    |         |             |              |              |         |          |         |              |     |          |         |              |     |          |         |
| Black Cherry  | 6                          | Sapling        | 2       |            |          |              |  |    |              |   |    |                |    |              |   |  |              |    |              |   |   |            |   |              |   |  |   |    |                    |         |             |                |          |              |          |         |              |    |              |   |  |  |   |                    |         |             |              |              |         |          |         |              |     |          |         |              |     |          |         |
| Sub-Canopy Species  | Density                    | Avg. Height    | Size    |            |          |              |  |    |              |   |    |                |    |              |   |  |              |    |              |   |   |            |   |              |   |  |   |    |                    |         |             |                |          |              |          |         |              |    |              |   |  |  |   |                    |         |             |              |              |         |          |         |              |     |          |         |              |     |          |         |
| Aspen (spp.)  | Low                        | < 5 feet       | Sapling |            |          |              |  |    |              |   |    |                |    |              |   |  |              |    |              |   |   |            |   |              |   |  |   |    |                    |         |             |                |          |              |          |         |              |    |              |   |  |  |   |                    |         |             |              |              |         |          |         |              |     |          |         |              |     |          |         |
| Maple (spp.)  | Low                        | < 5 feet       | Sapling |            |          |              |  |    |              |   |    |                |    |              |   |  |              |    |              |   |   |            |   |              |   |  |   |    |                    |         |             |                |          |              |          |         |              |    |              |   |  |  |   |                    |         |             |              |              |         |          |         |              |     |          |         |              |     |          |         |
| Conifers  | Low                        | < 5 feet       | Sapling |            |          |              |  |    |              |   |    |                |    |              |   |  |              |    |              |   |   |            |   |              |   |  |   |    |                    |         |             |                |          |              |          |         |              |    |              |   |  |  |   |                    |         |             |              |              |         |          |         |              |     |          |         |              |     |          |         |
| <b>68</b>   | 623 - Emergent Wetland     | Nonstocked     | 31.1    |            |          | No           |  |    |              |   |    |                |    |              |   |  |              |    |              |   |   |            |   |              |   |  |   |    |                    |         |             |                |          |              |          |         |              |    |              |   |  |  |   |                    |         |             |              |              |         |          |         |              |     |          |         |              |     |          |         |
| <b>69</b>   | 4132 - Aspen, Jack Pine    | Sapling Well   | 105.5   | 27         | Immature | N/A          | Young aspen/jack pine stand. South and west portion of the stand was cut in 1998, North and East side of the road was cut in 1991. Because of this, trees on the east side of the road have slightly higher diameters and heights. There are portions of the stand on the west side of the road have poor stocking. Road into the stand is hard to find but is evident on the air photo. |    |              |   |    |                |    |              |   |  |              |    |              |   |   |            |   |              |   |  |   |    |                    |         |             |                |          |              |          |         |              |    |              |   |  |  |   |                    |         |             |              |              |         |          |         |              |     |          |         |              |     |          |         |
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| Canopy Species  | % Cover                    | Size Class     | DBH     | Age        |          |              |  |    |              |   |    |                |    |              |   |  |              |    |              |   |   |            |   |              |   |  |   |    |                    |         |             |                |          |              |          |         |              |    |              |   |  |  |   |                    |         |             |              |              |         |          |         |              |     |          |         |              |     |          |         |
| Quaking Aspen   | 25                         | Sapling        | 3       | 27         |          |              |  |    |              |   |    |                |    |              |   |  |              |    |              |   |   |            |   |              |   |  |   |    |                    |         |             |                |          |              |          |         |              |    |              |   |  |  |   |                    |         |             |              |              |         |          |         |              |     |          |         |              |     |          |         |
| Red Pine  | 3                          | Sapling/Pole   | 4       |            |          |              |  |    |              |   |    |                |    |              |   |  |              |    |              |   |   |            |   |              |   |  |   |    |                    |         |             |                |          |              |          |         |              |    |              |   |  |  |   |                    |         |             |              |              |         |          |         |              |     |          |         |              |     |          |         |
| White Spruce  | 5                          | Sapling        | 3       |            |          |              |  |    |              |   |    |                |    |              |   |  |              |    |              |   |   |            |   |              |   |  |   |    |                    |         |             |                |          |              |          |         |              |    |              |   |  |  |   |                    |         |             |              |              |         |          |         |              |     |          |         |              |     |          |         |
| White Pine  | 2                          | Pole/Sapling   | 5       |            |          |              |  |    |              |   |    |                |    |              |   |  |              |    |              |   |   |            |   |              |   |  |   |    |                    |         |             |                |          |              |          |         |              |    |              |   |  |  |   |                    |         |             |              |              |         |          |         |              |     |          |         |              |     |          |         |
| Bigtooth Aspen  | 20                         | Sapling        | 3       |            |          |              |  |    |              |   |    |                |    |              |   |  |              |    |              |   |   |            |   |              |   |  |   |    |                    |         |             |                |          |              |          |         |              |    |              |   |  |  |   |                    |         |             |              |              |         |          |         |              |     |          |         |              |     |          |         |
| Jack Pine   | 20                         | Sapling        | 3       |            |          |              |  |    |              |   |    |                |    |              |   |  |              |    |              |   |   |            |   |              |   |  |   |    |                    |         |             |                |          |              |          |         |              |    |              |   |  |  |   |                    |         |             |              |              |         |          |         |              |     |          |         |              |     |          |         |
| Balsam Fir  | 10                         | Sapling        | 2       |            |          |              |  |    |              |   |    |                |    |              |   |  |              |    |              |   |   |            |   |              |   |  |   |    |                    |         |             |                |          |              |          |         |              |    |              |   |  |  |   |                    |         |             |              |              |         |          |         |              |     |          |         |              |     |          |         |
| Paper Birch   | 5                          | Sapling        | 3       |            |          |              |  |    |              |   |    |                |    |              |   |  |              |    |              |   |   |            |   |              |   |  |   |    |                    |         |             |                |          |              |          |         |              |    |              |   |  |  |   |                    |         |             |              |              |         |          |         |              |     |          |         |              |     |          |         |
| Black Cherry  | 10                         | Sapling        | 2       |            |          |              |  |    |              |   |    |                |    |              |   |  |              |    |              |   |   |            |   |              |   |  |   |    |                    |         |             |                |          |              |          |         |              |    |              |   |  |  |   |                    |         |             |              |              |         |          |         |              |     |          |         |              |     |          |         |
| <b>70</b>   | 42290 - Natural Mixed Pine | Sapling Well   | 12.9    | 32         | 81-110   | N/A          | On the verge of becoming a pole stand  |    |              |   |    |                |    |              |   |  |              |    |              |   |   |            |   |              |   |  |   |    |                    |         |             |                |          |              |          |         |              |    |              |   |  |  |   |                    |         |             |              |              |         |          |         |              |     |          |         |              |     |          |         |
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| Canopy Species  | % Cover                    | Size Class     | DBH     | Age        |          |              |  |    |              |   |    |                |    |              |   |  |              |    |              |   |   |            |   |              |   |  |   |    |                    |         |             |                |          |              |          |         |              |    |              |   |  |  |   |                    |         |             |              |              |         |          |         |              |     |          |         |              |     |          |         |
| Quaking Aspen   | 10                         | Sapling        | 2       |            |          |              |  |    |              |   |    |                |    |              |   |  |              |    |              |   |   |            |   |              |   |  |   |    |                    |         |             |                |          |              |          |         |              |    |              |   |  |  |   |                    |         |             |              |              |         |          |         |              |     |          |         |              |     |          |         |
| Bigtooth Aspen  | 15                         | Sapling        | 3       |            |          |              |  |    |              |   |    |                |    |              |   |  |              |    |              |   |   |            |   |              |   |  |   |    |                    |         |             |                |          |              |          |         |              |    |              |   |  |  |   |                    |         |             |              |              |         |          |         |              |     |          |         |              |     |          |         |
| Balsam Fir  | 13                         | Sapling/Pole   | 4       |            |          |              |  |    |              |   |    |                |    |              |   |  |              |    |              |   |   |            |   |              |   |  |   |    |                    |         |             |                |          |              |          |         |              |    |              |   |  |  |   |                    |         |             |              |              |         |          |         |              |     |          |         |              |     |          |         |
| White Pine  | 5                          | Sapling/Pole   | 4       |            |          |              |  |    |              |   |    |                |    |              |   |  |              |    |              |   |   |            |   |              |   |  |   |    |                    |         |             |                |          |              |          |         |              |    |              |   |  |  |   |                    |         |             |              |              |         |          |         |              |     |          |         |              |     |          |         |
| Black Cherry  | 2                          | Sapling        | 3       |            |          |              |  |    |              |   |    |                |    |              |   |  |              |    |              |   |   |            |   |              |   |  |   |    |                    |         |             |                |          |              |          |         |              |    |              |   |  |  |   |                    |         |             |              |              |         |          |         |              |     |          |         |              |     |          |         |
| Jack Pine   | 50                         | Sapling/Pole   | 4       | 32         |          |              |  |    |              |   |    |                |    |              |   |  |              |    |              |   |   |            |   |              |   |  |   |    |                    |         |             |                |          |              |          |         |              |    |              |   |  |  |   |                    |         |             |              |              |         |          |         |              |     |          |         |              |     |          |         |
| Red Pine  | 5                          | Sapling/Pole   | 4       |            |          |              |  |    |              |   |    |                |    |              |   |  |              |    |              |   |   |            |   |              |   |  |   |    |                    |         |             |                |          |              |          |         |              |    |              |   |  |  |   |                    |         |             |              |              |         |          |         |              |     |          |         |              |     |          |         |
| Sub-Canopy Species  | Density                    | Avg. Height    | Size    |            |          |              |  |    |              |   |    |                |    |              |   |  |              |    |              |   |   |            |   |              |   |  |   |    |                    |         |             |                |          |              |          |         |              |    |              |   |  |  |   |                    |         |             |              |              |         |          |         |              |     |          |         |              |     |          |         |
| Conifers  | Medium                     | < 5 feet       | Sapling |            |          |              |  |    |              |   |    |                |    |              |   |  |              |    |              |   |   |            |   |              |   |  |   |    |                    |         |             |                |          |              |          |         |              |    |              |   |  |  |   |                    |         |             |              |              |         |          |         |              |     |          |         |              |     |          |         |
| Aspen (spp.)  | Low                        | < 5 feet       | Sapling |            |          |              |  |    |              |   |    |                |    |              |   |  |              |    |              |   |   |            |   |              |   |  |   |    |                    |         |             |                |          |              |          |         |              |    |              |   |  |  |   |                    |         |             |              |              |         |          |         |              |     |          |         |              |     |          |         |
| Maple (spp.)  | Low                        | < 5 feet       | Sapling |            |          |              |  |    |              |   |    |                |    |              |   |  |              |    |              |   |   |            |   |              |   |  |   |    |                    |         |             |                |          |              |          |         |              |    |              |   |  |  |   |                    |         |             |              |              |         |          |         |              |     |          |         |              |     |          |         |
| <b>71</b>   | 6121 - Tamarack            | Sapling Medium | 7.0     | 7          | Immature | N/A          | Stand was cut in 2016. Tamarack regen coming along nicely, many 3'-4' saplings   |    |              |   |    |                |    |              |   |  |              |    |              |   |   |            |   |              |   |  |   |    |                    |         |             |                |          |              |          |         |              |    |              |   |  |  |   |                    |         |             |              |              |         |          |         |              |     |          |         |              |     |          |         |
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| Canopy Species  | % Cover                    | Size Class     | DBH     | Age        |          |              |  |    |              |   |    |                |    |              |   |  |              |    |              |   |   |            |   |              |   |  |   |    |                    |         |             |                |          |              |          |         |              |    |              |   |  |  |   |                    |         |             |              |              |         |          |         |              |     |          |         |              |     |          |         |
| Jack Pine   | 10                         | Sapling        | 1       |            |          |              |  |    |              |   |    |                |    |              |   |  |              |    |              |   |   |            |   |              |   |  |   |    |                    |         |             |                |          |              |          |         |              |    |              |   |  |  |   |                    |         |             |              |              |         |          |         |              |     |          |         |              |     |          |         |
| Black Spruce  | 38                         | Sapling        | 1       |            |          |              |  |    |              |   |    |                |    |              |   |  |              |    |              |   |   |            |   |              |   |  |   |    |                    |         |             |                |          |              |          |         |              |    |              |   |  |  |   |                    |         |             |              |              |         |          |         |              |     |          |         |              |     |          |         |
| Tamarack  | 50                         | Sapling        | 1       | 7          |          |              |  |    |              |   |    |                |    |              |   |  |              |    |              |   |   |            |   |              |   |  |   |    |                    |         |             |                |          |              |          |         |              |    |              |   |  |  |   |                    |         |             |              |              |         |          |         |              |     |          |         |              |     |          |         |
| White Pine  | 2                          | Pole           | 8       |            |          |              |  |    |              |   |    |                |    |              |   |  |              |    |              |   |   |            |   |              |   |  |   |    |                    |         |             |                |          |              |          |         |              |    |              |   |  |  |   |                    |         |             |              |              |         |          |         |              |     |          |         |              |     |          |         |
| Sub-Canopy Species  | Density                    | Avg. Height    | Size    |            |          |              |  |    |              |   |    |                |    |              |   |  |              |    |              |   |   |            |   |              |   |  |   |    |                    |         |             |                |          |              |          |         |              |    |              |   |  |  |   |                    |         |             |              |              |         |          |         |              |     |          |         |              |     |          |         |
| Conifers  | Low                        | < 5 feet       | Sapling |            |          |              |  |    |              |   |    |                |    |              |   |  |              |    |              |   |   |            |   |              |   |  |   |    |                    |         |             |                |          |              |          |         |              |    |              |   |  |  |   |                    |         |             |              |              |         |          |         |              |     |          |         |              |     |          |         |



| Stand  | Level 4 Cover Type                         | Size Density    | Acres   | Stand Age  | BA Range | Managed Site | General Comments   |    |              |   |    |              |    |              |   |  |                |    |              |   |  |               |    |              |   |    |   |    |                    |         |             |   |          |                    |             |             |   |          |                    |          |             |      |                          |     |          |         |           |     |          |         |
|--|--|-----------------|---------|------------|----------|--------------|--|----|--------------|---|----|--------------|----|--------------|---|--|----------------|----|--------------|---|--|---------------|----|--------------|---|----|---|----|--------------------|---------|-------------|---|----------|--------------------|-------------|-------------|---|----------|--------------------|----------|-------------|------|--------------------------|-----|----------|---------|-----------|-----|----------|---------|
| <b>72</b>  | 4136 - Aspen, Mixed Conifer                | Sapling Well    | 7.1     | 31         | Immature | N/A          | Young aspen stand in the middle of jackpine. Aspen is pretty open underneath, some misc. understory is present mostly conifer.   |    |              |   |    |              |    |              |   |  |                |    |              |   |  |               |    |              |   |    |   |    |                    |         |             |   |          |                    |             |             |   |          |                    |          |             |      |                          |     |          |         |           |     |          |         |
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| Canopy Species   | % Cover                                    | Size Class      | DBH     | Age        |          |              |  |    |              |   |    |              |    |              |   |  |                |    |              |   |  |               |    |              |   |    |   |    |                    |         |             |   |          |                    |             |             |   |          |                    |          |             |      |                          |     |          |         |           |     |          |         |
| White Spruce   | 5  | Sapling         | 3       |            |          |              |  |    |              |   |    |              |    |              |   |  |                |    |              |   |  |               |    |              |   |    |   |    |                    |         |             |   |          |                    |             |             |   |          |                    |          |             |      |                          |     |          |         |           |     |          |         |
| Red Pine   | 2  | Sapling         | 2       |            |          |              |  |    |              |   |    |              |    |              |   |  |                |    |              |   |  |               |    |              |   |    |   |    |                    |         |             |   |          |                    |             |             |   |          |                    |          |             |      |                          |     |          |         |           |     |          |         |
| Bigtooth Aspen   | 30   | Sapling/Pole    | 4       |            |          |              |  |    |              |   |    |              |    |              |   |  |                |    |              |   |  |               |    |              |   |    |   |    |                    |         |             |   |          |                    |             |             |   |          |                    |          |             |      |                          |     |          |         |           |     |          |         |
| Quaking Aspen  | 48   | Sapling/Pole    | 4       | 31         |          |              |  |    |              |   |    |              |    |              |   |  |                |    |              |   |  |               |    |              |   |    |   |    |                    |         |             |   |          |                    |             |             |   |          |                    |          |             |      |                          |     |          |         |           |     |          |         |
| Balsam Fir   | 10   | Sapling         | 3       |            |          |              |  |    |              |   |    |              |    |              |   |  |                |    |              |   |  |               |    |              |   |    |   |    |                    |         |             |   |          |                    |             |             |   |          |                    |          |             |      |                          |     |          |         |           |     |          |         |
| Jack Pine  | 5  | Sapling         | 3       |            |          |              |  |    |              |   |    |              |    |              |   |  |                |    |              |   |  |               |    |              |   |    |   |    |                    |         |             |   |          |                    |             |             |   |          |                    |          |             |      |                          |     |          |         |           |     |          |         |
| Sub-Canopy Species   | Density                                    | Avg. Height     | Size    |            |          |              |  |    |              |   |    |              |    |              |   |  |                |    |              |   |  |               |    |              |   |    |   |    |                    |         |             |   |          |                    |             |             |   |          |                    |          |             |      |                          |     |          |         |           |     |          |         |
| Serviceberry (Juneberry)   | Low  | Variable        | Sapling |            |          |              |  |    |              |   |    |              |    |              |   |  |                |    |              |   |  |               |    |              |   |    |   |    |                    |         |             |   |          |                    |             |             |   |          |                    |          |             |      |                          |     |          |         |           |     |          |         |
| Red Maple  | Low  | Variable        | Sapling |            |          |              |  |    |              |   |    |              |    |              |   |  |                |    |              |   |  |               |    |              |   |    |   |    |                    |         |             |   |          |                    |             |             |   |          |                    |          |             |      |                          |     |          |         |           |     |          |         |
| <b>73</b>  | 6126 - Lowland Jack Pine                   | Sapling Well    | 10.7    | 23         | Immature | N/A          | Lowland Jack Pine stand that was scarified after the harvest in 1998 then places were trenched and planted in 2000. Ground is covered in leatherleaf. Regen is doing very well.  |    |              |   |    |              |    |              |   |  |                |    |              |   |  |               |    |              |   |    |   |    |                    |         |             |   |          |                    |             |             |   |          |                    |          |             |      |                          |     |          |         |           |     |          |         |
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| Canopy Species   | % Cover                                    | Size Class      | DBH     | Age        |          |              |  |    |              |   |    |              |    |              |   |  |                |    |              |   |  |               |    |              |   |    |   |    |                    |         |             |   |          |                    |             |             |   |          |                    |          |             |      |                          |     |          |         |           |     |          |         |
| White Pine   | 2  | Sapling         | 2       |            |          |              |  |    |              |   |    |              |    |              |   |  |                |    |              |   |  |               |    |              |   |    |   |    |                    |         |             |   |          |                    |             |             |   |          |                    |          |             |      |                          |     |          |         |           |     |          |         |
| Balsam Fir   | 5  | Sapling         | 2       |            |          |              |  |    |              |   |    |              |    |              |   |  |                |    |              |   |  |               |    |              |   |    |   |    |                    |         |             |   |          |                    |             |             |   |          |                    |          |             |      |                          |     |          |         |           |     |          |         |
| Tamarack   | 13   | Sapling         | 2       |            |          |              |  |    |              |   |    |              |    |              |   |  |                |    |              |   |  |               |    |              |   |    |   |    |                    |         |             |   |          |                    |             |             |   |          |                    |          |             |      |                          |     |          |         |           |     |          |         |
| White Spruce   | 10   | Sapling         | 2       |            |          |              |  |    |              |   |    |              |    |              |   |  |                |    |              |   |  |               |    |              |   |    |   |    |                    |         |             |   |          |                    |             |             |   |          |                    |          |             |      |                          |     |          |         |           |     |          |         |
| Jack Pine  | 70   | Sapling         | 3       | 23         |          |              |  |    |              |   |    |              |    |              |   |  |                |    |              |   |  |               |    |              |   |    |   |    |                    |         |             |   |          |                    |             |             |   |          |                    |          |             |      |                          |     |          |         |           |     |          |         |
| Sub-Canopy Species   | Density                                    | Avg. Height     | Size    |            |          |              |  |    |              |   |    |              |    |              |   |  |                |    |              |   |  |               |    |              |   |    |   |    |                    |         |             |   |          |                    |             |             |   |          |                    |          |             |      |                          |     |          |         |           |     |          |         |
| Conifers   | Medium                                     | < 5 feet        | Sapling |            |          |              |  |    |              |   |    |              |    |              |   |  |                |    |              |   |  |               |    |              |   |    |   |    |                    |         |             |   |          |                    |             |             |   |          |                    |          |             |      |                          |     |          |         |           |     |          |         |
| <b>74</b>  | 500 - Water                                | Nonstocked      | 1.4     |            |          | No           |  |    |              |   |    |              |    |              |   |  |                |    |              |   |  |               |    |              |   |    |   |    |                    |         |             |   |          |                    |             |             |   |          |                    |          |             |      |                          |     |          |         |           |     |          |         |
| <b>75</b>  | 6125 - Lowland Black Spruce, Jack Pine     | Poletimber Well | 25.7    | 32         | 51-80    | N/A          | Lowland jackpine, spruce, and tamarack stand. There are pockets of higher drier ground that have ferns and blueberries instead of low wet leatherleaf ground. Stand is very thick but the pole size canopy is sparse in areas.                                       |    |              |   |    |              |    |              |   |  |                |    |              |   |  |               |    |              |   |    |   |    |                    |         |             |   |          |                    |             |             |   |          |                    |          |             |      |                          |     |          |         |           |     |          |         |
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| Canopy Species   | % Cover                                    | Size Class      | DBH     | Age        |          |              |  |    |              |   |    |              |    |              |   |  |                |    |              |   |  |               |    |              |   |    |   |    |                    |         |             |   |          |                    |             |             |   |          |                    |          |             |      |                          |     |          |         |           |     |          |         |
| Tamarack   | 35   | Pole/Sapling    | 5       | 32         |          |              |  |    |              |   |    |              |    |              |   |  |                |    |              |   |  |               |    |              |   |    |   |    |                    |         |             |   |          |                    |             |             |   |          |                    |          |             |      |                          |     |          |         |           |     |          |         |
| Black Spruce   | 35   | Pole/Sapling    | 5       |            |          |              |  |    |              |   |    |              |    |              |   |  |                |    |              |   |  |               |    |              |   |    |   |    |                    |         |             |   |          |                    |             |             |   |          |                    |          |             |      |                          |     |          |         |           |     |          |         |
| Red Pine   | 2  | Pole/Sapling    | 5       |            |          |              |  |    |              |   |    |              |    |              |   |  |                |    |              |   |  |               |    |              |   |    |   |    |                    |         |             |   |          |                    |             |             |   |          |                    |          |             |      |                          |     |          |         |           |     |          |         |
| Jack Pine  | 28   | Pole/Sapling    | 5       |            |          |              |  |    |              |   |    |              |    |              |   |  |                |    |              |   |  |               |    |              |   |    |   |    |                    |         |             |   |          |                    |             |             |   |          |                    |          |             |      |                          |     |          |         |           |     |          |         |
| Sub-Canopy Species   | Density                                    | Avg. Height     | Size    |            |          |              |  |    |              |   |    |              |    |              |   |  |                |    |              |   |  |               |    |              |   |    |   |    |                    |         |             |   |          |                    |             |             |   |          |                    |          |             |      |                          |     |          |         |           |     |          |         |
| Conifers   | High                                       | 5 - 10 feet     | Sapling |            |          |              |  |    |              |   |    |              |    |              |   |  |                |    |              |   |  |               |    |              |   |    |   |    |                    |         |             |   |          |                    |             |             |   |          |                    |          |             |      |                          |     |          |         |           |     |          |         |
| <b>76</b>  | 42121 - Planted Jack Pine, Mixed Deciduous | Poletimber Well | 92.5    | 31         | 51-80    | N/A          | Stand was cut in 1991 as part of Huckleberry Road Sale then was scarified and seeded with some hand planting also occurring. Rows are evident in some areas but not in others. There are scattered pockets of aspen and some openings in the stand. Young pole stand |    |              |   |    |              |    |              |   |  |                |    |              |   |  |               |    |              |   |    |   |    |                    |         |             |   |          |                    |             |             |   |          |                    |          |             |      |                          |     |          |         |           |     |          |         |
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| Canopy Species   | % Cover                                    | Size Class      | DBH     | Age        |          |              |  |    |              |   |    |              |    |              |   |  |                |    |              |   |  |               |    |              |   |    |   |    |                    |         |             |   |          |                    |             |             |   |          |                    |          |             |      |                          |     |          |         |           |     |          |         |
| Jack Pine  | 80   | Pole            | 5       | 31         |          |              |  |    |              |   |    |              |    |              |   |  |                |    |              |   |  |               |    |              |   |    |   |    |                    |         |             |   |          |                    |             |             |   |          |                    |          |             |      |                          |     |          |         |           |     |          |         |
| Black Cherry   | 5  | Sapling         | 2       |            |          |              |  |    |              |   |    |              |    |              |   |  |                |    |              |   |  |               |    |              |   |    |   |    |                    |         |             |   |          |                    |             |             |   |          |                    |          |             |      |                          |     |          |         |           |     |          |         |
| Paper Birch  | 5  | Sapling/Pole    | 3       |            |          |              |  |    |              |   |    |              |    |              |   |  |                |    |              |   |  |               |    |              |   |    |   |    |                    |         |             |   |          |                    |             |             |   |          |                    |          |             |      |                          |     |          |         |           |     |          |         |



| Stand  | Level 4 Cover Type                     | Size Density   | Acres      | Stand Age          | BA Range | Managed Site | General Comments   |              |              |          |         |               |      |              |      |              |              |          |              |   |  |                      |    |              |   |  |   |    |                    |         |             |   |             |                    |          |             |   |             |                    |          |             |          |             |          |          |              |           |          |          |            |          |             |             |         |
|--|--|--|------------|--------------------|----------|--------------|--|--------------|--------------|----------|---------|---------------|------|--------------|------|--------------|--------------|----------|--------------|---|--|----------------------|----|--------------|---|--|---|----|--------------------|---------|-------------|---|-------------|--------------------|----------|-------------|---|-------------|--------------------|----------|-------------|----------|-------------|----------|----------|--------------|-----------|----------|----------|------------|----------|-------------|-------------|---------|
| 77   | 6121 - Tamarack                        | Poletimber Well  | 16.1       | 53                 | 81-110   | N/A          | Tamarack stand with scattered pole size trees and lots of smaller stuff in between. Stand is very thick. Rabbit sign.  |              |              |          |         |               |      |              |      |              |              |          |              |   |  |                      |    |              |   |  |   |    |                    |         |             |   |             |                    |          |             |   |             |                    |          |             |          |             |          |          |              |           |          |          |            |          |             |             |         |
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| Canopy Species   | % Cover                                | Size Class   | DBH        | Age                |          |              |  |              |              |          |         |               |      |              |      |              |              |          |              |   |  |                      |    |              |   |  |   |    |                    |         |             |   |             |                    |          |             |   |             |                    |          |             |          |             |          |          |              |           |          |          |            |          |             |             |         |
| Jack Pine  | 5                                      | Sapling/Pole   | 4          |                    |          |              |  |              |              |          |         |               |      |              |      |              |              |          |              |   |  |                      |    |              |   |  |   |    |                    |         |             |   |             |                    |          |             |   |             |                    |          |             |          |             |          |          |              |           |          |          |            |          |             |             |         |
| Quaking Aspen  | 2                                      | Sapling/Pole   | 4          |                    |          |              |  |              |              |          |         |               |      |              |      |              |              |          |              |   |  |                      |    |              |   |  |   |    |                    |         |             |   |             |                    |          |             |   |             |                    |          |             |          |             |          |          |              |           |          |          |            |          |             |             |         |
| Black Spruce   | 10                                     | Pole/Sapling   | 5          |                    |          |              |  |              |              |          |         |               |      |              |      |              |              |          |              |   |  |                      |    |              |   |  |   |    |                    |         |             |   |             |                    |          |             |   |             |                    |          |             |          |             |          |          |              |           |          |          |            |          |             |             |         |
| Paper Birch  | 5                                      | Sapling/Pole   | 4          |                    |          |              |  |              |              |          |         |               |      |              |      |              |              |          |              |   |  |                      |    |              |   |  |   |    |                    |         |             |   |             |                    |          |             |   |             |                    |          |             |          |             |          |          |              |           |          |          |            |          |             |             |         |
| Tamarack   | 73                                     | Pole/Sapling   | 5          | 53                 |          |              |  |              |              |          |         |               |      |              |      |              |              |          |              |   |  |                      |    |              |   |  |   |    |                    |         |             |   |             |                    |          |             |   |             |                    |          |             |          |             |          |          |              |           |          |          |            |          |             |             |         |
| Balsam Fir   | 5                                      | Sapling/Pole   | 4          |                    |          |              |  |              |              |          |         |               |      |              |      |              |              |          |              |   |  |                      |    |              |   |  |   |    |                    |         |             |   |             |                    |          |             |   |             |                    |          |             |          |             |          |          |              |           |          |          |            |          |             |             |         |
| Sub-Canopy Species   | Density                                | Avg. Height  | Size       |                    |          |              |  |              |              |          |         |               |      |              |      |              |              |          |              |   |  |                      |    |              |   |  |   |    |                    |         |             |   |             |                    |          |             |   |             |                    |          |             |          |             |          |          |              |           |          |          |            |          |             |             |         |
| Willow spp.  | Low                                    | < 5 feet   | Tall Shrub |                    |          |              |  |              |              |          |         |               |      |              |      |              |              |          |              |   |  |                      |    |              |   |  |   |    |                    |         |             |   |             |                    |          |             |   |             |                    |          |             |          |             |          |          |              |           |          |          |            |          |             |             |         |
| Tag Alder  | Low                                    | < 5 feet   | Tall Shrub |                    |          |              |  |              |              |          |         |               |      |              |      |              |              |          |              |   |  |                      |    |              |   |  |   |    |                    |         |             |   |             |                    |          |             |   |             |                    |          |             |          |             |          |          |              |           |          |          |            |          |             |             |         |
| Conifers   | Medium                                 | 5 - 10 feet  | Sapling    |                    |          |              |  |              |              |          |         |               |      |              |      |              |              |          |              |   |  |                      |    |              |   |  |   |    |                    |         |             |   |             |                    |          |             |   |             |                    |          |             |          |             |          |          |              |           |          |          |            |          |             |             |         |
| 78   | 6122 - Black Spruce                    | Poletimber Well  | 7.6        | 46                 | 1-50     | N/A          | Lowland spruce and white pine stand with thick leatherleaf covering the ground. Lots of variation in the size of the trees.  |              |              |          |         |               |      |              |      |              |              |          |              |   |  |                      |    |              |   |  |   |    |                    |         |             |   |             |                    |          |             |   |             |                    |          |             |          |             |          |          |              |           |          |          |            |          |             |             |         |
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| Canopy Species   | % Cover                                | Size Class   | DBH        | Age                |          |              |  |              |              |          |         |               |      |              |      |              |              |          |              |   |  |                      |    |              |   |  |   |    |                    |         |             |   |             |                    |          |             |   |             |                    |          |             |          |             |          |          |              |           |          |          |            |          |             |             |         |
| White Pine   | 25                                     | Pole/Sapling   | 5          |                    |          |              |  |              |              |          |         |               |      |              |      |              |              |          |              |   |  |                      |    |              |   |  |   |    |                    |         |             |   |             |                    |          |             |   |             |                    |          |             |          |             |          |          |              |           |          |          |            |          |             |             |         |
| Black Spruce   | 63                                     | Pole/Sapling   | 5          | 46                 |          |              |  |              |              |          |         |               |      |              |      |              |              |          |              |   |  |                      |    |              |   |  |   |    |                    |         |             |   |             |                    |          |             |   |             |                    |          |             |          |             |          |          |              |           |          |          |            |          |             |             |         |
| Paper Birch  | 2                                      | Sapling/Pole   | 4          |                    |          |              |  |              |              |          |         |               |      |              |      |              |              |          |              |   |  |                      |    |              |   |  |   |    |                    |         |             |   |             |                    |          |             |   |             |                    |          |             |          |             |          |          |              |           |          |          |            |          |             |             |         |
| Tamarack   | 10                                     | Pole/Sapling   | 5          |                    |          |              |  |              |              |          |         |               |      |              |      |              |              |          |              |   |  |                      |    |              |   |  |   |    |                    |         |             |   |             |                    |          |             |   |             |                    |          |             |          |             |          |          |              |           |          |          |            |          |             |             |         |
| Sub-Canopy Species   | Density                                | Avg. Height  | Size       |                    |          |              |  |              |              |          |         |               |      |              |      |              |              |          |              |   |  |                      |    |              |   |  |   |    |                    |         |             |   |             |                    |          |             |   |             |                    |          |             |          |             |          |          |              |           |          |          |            |          |             |             |         |
| Leatherleaf  | High                                   | < 5 feet   | Tall Shrub |                    |          |              |  |              |              |          |         |               |      |              |      |              |              |          |              |   |  |                      |    |              |   |  |   |    |                    |         |             |   |             |                    |          |             |   |             |                    |          |             |          |             |          |          |              |           |          |          |            |          |             |             |         |
| 79   | 6129 - Mixed Coniferous Lowland Forest | Poletimber Poor  | 12.7       | 34                 | 1-50     | N/A          | Lowland mix stand, canopy consists of pole size trees with lots of sapling size stuff in between. Some open/wet areas are full of tag alder. Trail through the stand seems to be impassable now.   |              |              |          |         |               |      |              |      |              |              |          |              |   |  |                      |    |              |   |  |   |    |                    |         |             |   |             |                    |          |             |   |             |                    |          |             |          |             |          |          |              |           |          |          |            |          |             |             |         |
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| Canopy Species   | % Cover                                | Size Class   | DBH        | Age                |          |              |  |              |              |          |         |               |      |              |      |              |              |          |              |   |  |                      |    |              |   |  |   |    |                    |         |             |   |             |                    |          |             |   |             |                    |          |             |          |             |          |          |              |           |          |          |            |          |             |             |         |
| Balsam Fir   | 5                                      | Pole/Sapling   | 5          |                    |          |              |  |              |              |          |         |               |      |              |      |              |              |          |              |   |  |                      |    |              |   |  |   |    |                    |         |             |   |             |                    |          |             |   |             |                    |          |             |          |             |          |          |              |           |          |          |            |          |             |             |         |
| Jack Pine  | 5                                      | Pole   | 5          |                    |          |              |  |              |              |          |         |               |      |              |      |              |              |          |              |   |  |                      |    |              |   |  |   |    |                    |         |             |   |             |                    |          |             |   |             |                    |          |             |          |             |          |          |              |           |          |          |            |          |             |             |         |
| Black Spruce   | 30                                     | Pole/Sapling   | 5          |                    |          |              |  |              |              |          |         |               |      |              |      |              |              |          |              |   |  |                      |    |              |   |  |   |    |                    |         |             |   |             |                    |          |             |   |             |                    |          |             |          |             |          |          |              |           |          |          |            |          |             |             |         |
| Northern White Cedar   | 30                                     | Pole   | 7          |                    |          |              |  |              |              |          |         |               |      |              |      |              |              |          |              |   |  |                      |    |              |   |  |   |    |                    |         |             |   |             |                    |          |             |   |             |                    |          |             |          |             |          |          |              |           |          |          |            |          |             |             |         |
| Tamarack   | 30                                     | Pole/Sapling   | 5          | 34                 |          |              |  |              |              |          |         |               |      |              |      |              |              |          |              |   |  |                      |    |              |   |  |   |    |                    |         |             |   |             |                    |          |             |   |             |                    |          |             |          |             |          |          |              |           |          |          |            |          |             |             |         |
| Sub-Canopy Species   | Density                                | Avg. Height  | Size       |                    |          |              |  |              |              |          |         |               |      |              |      |              |              |          |              |   |  |                      |    |              |   |  |   |    |                    |         |             |   |             |                    |          |             |   |             |                    |          |             |          |             |          |          |              |           |          |          |            |          |             |             |         |
| Paper Birch  | Low                                    | < 5 feet   | Sapling    |                    |          |              |  |              |              |          |         |               |      |              |      |              |              |          |              |   |  |                      |    |              |   |  |   |    |                    |         |             |   |             |                    |          |             |   |             |                    |          |             |          |             |          |          |              |           |          |          |            |          |             |             |         |
| Conifers   | Medium                                 | < 5 feet   | Sapling    |                    |          |              |  |              |              |          |         |               |      |              |      |              |              |          |              |   |  |                      |    |              |   |  |   |    |                    |         |             |   |             |                    |          |             |   |             |                    |          |             |          |             |          |          |              |           |          |          |            |          |             |             |         |
| Aspen (spp.)   | Low                                    | < 5 feet   | Sapling    |                    |          |              |  |              |              |          |         |               |      |              |      |              |              |          |              |   |  |                      |    |              |   |  |   |    |                    |         |             |   |             |                    |          |             |   |             |                    |          |             |          |             |          |          |              |           |          |          |            |          |             |             |         |
| Tag Alder  | Medium                                 | 5 - 10 feet  | Tall Shrub |                    |          |              |  |              |              |          |         |               |      |              |      |              |              |          |              |   |  |                      |    |              |   |  |   |    |                    |         |             |   |             |                    |          |             |   |             |                    |          |             |          |             |          |          |              |           |          |          |            |          |             |             |         |
| 80   | 3302 - Low Density Conifer Trees       | Nonstocked   | 2.8        |                    |          | No           | Opening is growing in with black cherry, jack pine and spruce.   |              |              |          |         |               |      |              |      |              |              |          |              |   |  |                      |    |              |   |  |   |    |                    |         |             |   |             |                    |          |             |   |             |                    |          |             |          |             |          |          |              |           |          |          |            |          |             |             |         |
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| Sub-Canopy Species   | Density                                | Avg. Height  | Size       |                    |          |              |  |              |              |          |         |               |      |              |      |              |              |          |              |   |  |                      |    |              |   |  |   |    |                    |         |             |   |             |                    |          |             |   |             |                    |          |             |          |             |          |          |              |           |          |          |            |          |             |             |         |
| Black Cherry   | Low                                    | Variable   | Sapling    |                    |          |              |  |              |              |          |         |               |      |              |      |              |              |          |              |   |  |                      |    |              |   |  |   |    |                    |         |             |   |             |                    |          |             |   |             |                    |          |             |          |             |          |          |              |           |          |          |            |          |             |             |         |
| Jack Pine  | High                                   | Variable   | Pole       |                    |          |              |  |              |              |          |         |               |      |              |      |              |              |          |              |   |  |                      |    |              |   |  |   |    |                    |         |             |   |             |                    |          |             |   |             |                    |          |             |          |             |          |          |              |           |          |          |            |          |             |             |         |
| White Spruce   | Low                                    | Variable   | Sapling    |                    |          |              |  |              |              |          |         |               |      |              |      |              |              |          |              |   |  |                      |    |              |   |  |   |    |                    |         |             |   |             |                    |          |             |   |             |                    |          |             |          |             |          |          |              |           |          |          |            |          |             |             |         |
| 81   | 42220 - Natural Jack Pine              | Poletimber Medium  | 52.3       | 23                 | Immature | N/A          | Cut in '99 as part of Ozark Creek Jack Pine. Did not regenerate well in wetter areas which gives the stand a patchy appearance. Thick where regeneration established, nearing pole size. Scattered leatherleaf ground with black spruce and tamarack. Scattered large snags. |              |              |          |         |               |      |              |      |              |              |          |              |   |  |                      |    |              |   |  |   |    |                    |         |             |   |             |                    |          |             |   |             |                    |          |             |          |             |          |          |              |           |          |          |            |          |             |             |         |
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| Canopy Species   | % Cover                                | Size Class   | DBH        | Age                |          |              |  |              |              |          |         |               |      |              |      |              |              |          |              |   |  |                      |    |              |   |  |   |    |                    |         |             |   |             |                    |          |             |   |             |                    |          |             |          |             |          |          |              |           |          |          |            |          |             |             |         |
| Paper Birch  | 4                                      | Sapling  | 3          |                    |          |              |  |              |              |          |         |               |      |              |      |              |              |          |              |   |  |                      |    |              |   |  |   |    |                    |         |             |   |             |                    |          |             |   |             |                    |          |             |          |             |          |          |              |           |          |          |            |          |             |             |         |
| Red Maple  | 2                                      | Sapling  | 3          |                    |          |              |  |              |              |          |         |               |      |              |      |              |              |          |              |   |  |                      |    |              |   |  |   |    |                    |         |             |   |             |                    |          |             |   |             |                    |          |             |          |             |          |          |              |           |          |          |            |          |             |             |         |
| Tamarack   | 2                                      | Sapling  | 3          |                    |          |              |  |              |              |          |         |               |      |              |      |              |              |          |              |   |  |                      |    |              |   |  |   |    |                    |         |             |   |             |                    |          |             |   |             |                    |          |             |          |             |          |          |              |           |          |          |            |          |             |             |         |
| Black Spruce   | 2                                      | Sapling  | 3          |                    |          |              |  |              |              |          |         |               |      |              |      |              |              |          |              |   |  |                      |    |              |   |  |   |    |                    |         |             |   |             |                    |          |             |   |             |                    |          |             |          |             |          |          |              |           |          |          |            |          |             |             |         |
| Jack Pine  | 90                                     | Pole/Sapling   | 5          | 23                 |          |              |  |              |              |          |         |               |      |              |      |              |              |          |              |   |  |                      |    |              |   |  |   |    |                    |         |             |   |             |                    |          |             |   |             |                    |          |             |          |             |          |          |              |           |          |          |            |          |             |             |         |



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

**82** 6128 - Lowland Coniferous, Mixed Deciduous Sapling Well 9.6 32 Immature N/A Marginal ground with a very mixed stand. Mostly tamarack and fir.

| Canopy Species       | % Cover | Size Class   | DBH | Age |
|----------------------|---------|--------------|-----|-----|
| Black Spruce         | 15      | Sapling      | 3   |     |
| Balsam Fir           | 15      | Sapling      | 3   |     |
| Tamarack             | 25      | Sapling/Pole | 4   | 32  |
| White Pine           | 5       | Pole         | 5   |     |
| Northern White Cedar | 5       | Pole         | 5   |     |
| Bigtooth Aspen       | 10      | Sapling      | 3   |     |
| Red Maple            | 5       | Sapling      | 3   |     |
| Red Pine             | 5       | Pole         | 5   |     |
| Paper Birch          | 10      | Sapling      | 3   |     |
| Jack Pine            | 5       | Sapling/Pole | 4   |     |

| Sub-Canopy Species       | Density | Avg. Height | Size       |
|--------------------------|---------|-------------|------------|
| Aspen (spp.)             | Medium  | < 5 feet    | Sapling    |
| Serviceberry (Juneberry) | Low     | < 5 feet    | Tall Shrub |
| Conifers                 | High    | 5 - 10 feet | Sapling    |

**83** 4132 - Aspen, Jack Pine Sapling Well 35.9 31 Immature N/A Young aspen/jack pine stand with some mixed conifers scattered throughout. Stand was cut in 1991 as part of Huckleberry Road Sale. Some scattered pole size trees were left during the harvest.

| Canopy Species | % Cover | Size Class   | DBH | Age |
|----------------|---------|--------------|-----|-----|
| Quaking Aspen  | 30      | Sapling/Pole | 4   | 31  |
| Bigtooth Aspen | 20      | Sapling/Pole | 4   |     |
| Balsam Fir     | 10      | Sapling      | 3   |     |
| White Spruce   | 6       | Sapling/Pole | 4   |     |
| Sugar Maple    | 2       | Sapling      | 2   |     |
| Red Maple      | 2       | Sapling      | 2   |     |
| Black Cherry   | 10      | Sapling      | 2   |     |
| Jack Pine      | 20      | Sapling/Pole | 4   | 31  |

**84** 4136 - Aspen, Mixed Conifer Sapling Well 2.3 32 Immature N/A Small aspen stand that looks healthy.

| Canopy Species | % Cover | Size Class   | DBH | Age |
|----------------|---------|--------------|-----|-----|
| Jack Pine      | 5       | Sapling/Pole | 4   |     |
| Bigtooth Aspen | 60      | Sapling/Pole | 3   | 32  |
| Quaking Aspen  | 20      | Sapling/Pole | 3   |     |
| Tamarack       | 2       | Sapling      | 3   |     |
| White Spruce   | 2       | Sapling/Pole | 4   |     |
| Balsam Fir     | 6       | Sapling      | 3   |     |
| Red Pine       | 5       | Sapling/Pole | 4   |     |

| Sub-Canopy Species | Density | Avg. Height | Size    |
|--------------------|---------|-------------|---------|
| Conifers           | Medium  | 5 - 10 feet | Sapling |
| Black Cherry       | Low     | 5 - 10 feet | Sapling |
| Aspen (spp.)       | Medium  | 5 - 10 feet | Sapling |



| Stand   | Level 4 Cover Type        | Size Density      | Acres   | Stand Age  | BA Range    | Managed Site            | General Comments   |                |    |         |    |  |              |    |          |   |    |               |    |          |    |    |                |    |          |    |    |            |    |      |    |    |  |  |                    |         |             |      |              |     |             |         |          |        |             |         |              |        |             |
|---|---------------------------|-------------------|---------|------------|-------------|-------------------------|--|----------------|----|---------|----|--|--------------|----|----------|---|----|---------------|----|----------|----|----|----------------|----|----------|----|----|------------|----|------|----|----|--|--|--------------------|---------|-------------|------|--------------|-----|-------------|---------|----------|--------|-------------|---------|--------------|--------|-------------|
| <b>85</b>   | 42340 - Upland Spruce/Fir | Poletimber Medium | 5.2     | 65         | 1-50        | N/A                     | This stand is a buffer left along the stream. There are a few scattered overstory red pine with pole size spruce, fir, and tamarack. There area some areas where saplings are filling in the open areas.   |                |    |         |    |  |              |    |          |   |    |               |    |          |    |    |                |    |          |    |    |            |    |      |    |    |  |  |                    |         |             |      |              |     |             |         |          |        |             |         |              |        |             |
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| Canopy Species  | % Cover                   | Size Class        | DBH     | Age        |             |                         |  |                |    |         |    |  |              |    |          |   |    |               |    |          |    |    |                |    |          |    |    |            |    |      |    |    |  |  |                    |         |             |      |              |     |             |         |          |        |             |         |              |        |             |
| Tamarack  | 20                        | Pole              | 7       |            |             |                         |  |                |    |         |    |  |              |    |          |   |    |               |    |          |    |    |                |    |          |    |    |            |    |      |    |    |  |  |                    |         |             |      |              |     |             |         |          |        |             |         |              |        |             |
| White Spruce  | 30                        | Pole              | 7       | 63         |             |                         |  |                |    |         |    |  |              |    |          |   |    |               |    |          |    |    |                |    |          |    |    |            |    |      |    |    |  |  |                    |         |             |      |              |     |             |         |          |        |             |         |              |        |             |
| Red Pine  | 5                         | Log               | 16      | 11         |             |                         |  |                |    |         |    |  |              |    |          |   |    |               |    |          |    |    |                |    |          |    |    |            |    |      |    |    |  |  |                    |         |             |      |              |     |             |         |          |        |             |         |              |        |             |
| White Pine  | 10                        | Log/Pole          | 11      |            |             |                         |  |                |    |         |    |  |              |    |          |   |    |               |    |          |    |    |                |    |          |    |    |            |    |      |    |    |  |  |                    |         |             |      |              |     |             |         |          |        |             |         |              |        |             |
| Balsam Fir  | 35                        | Pole              | 8       | 65         |             |                         |  |                |    |         |    |  |              |    |          |   |    |               |    |          |    |    |                |    |          |    |    |            |    |      |    |    |  |  |                    |         |             |      |              |     |             |         |          |        |             |         |              |        |             |
| Sub-Canopy Species  | Density                   | Avg. Height       | Size    |            |             |                         |  |                |    |         |    |  |              |    |          |   |    |               |    |          |    |    |                |    |          |    |    |            |    |      |    |    |  |  |                    |         |             |      |              |     |             |         |          |        |             |         |              |        |             |
| Conifers  | Low                       | 5 - 10 feet       | Sapling |            |             |                         |  |                |    |         |    |  |              |    |          |   |    |               |    |          |    |    |                |    |          |    |    |            |    |      |    |    |  |  |                    |         |             |      |              |     |             |         |          |        |             |         |              |        |             |
| <b>86</b>   | 622 - Lowland Shrub       | Nonstocked        | 5.0     |            |             | No                      |  |                |    |         |    |  |              |    |          |   |    |               |    |          |    |    |                |    |          |    |    |            |    |      |    |    |  |  |                    |         |             |      |              |     |             |         |          |        |             |         |              |        |             |
| <b>87</b>   | 4134 - Aspen, Spruce/Fir  | Sapling Well      | 5.2     | 24         | Immature    | N/A                     | This stand was part of Ozark Creek Spruce cut in 1998. The portion of the harvest that is in this compartment has a higher percentage of conifer regen compared with the stuff to the south.   |                |    |         |    |  |              |    |          |   |    |               |    |          |    |    |                |    |          |    |    |            |    |      |    |    |  |  |                    |         |             |      |              |     |             |         |          |        |             |         |              |        |             |
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| Canopy Species  | % Cover                   | Size Class        | DBH     | Age        |             |                         |  |                |    |         |    |  |              |    |          |   |    |               |    |          |    |    |                |    |          |    |    |            |    |      |    |    |  |  |                    |         |             |      |              |     |             |         |          |        |             |         |              |        |             |
| Balsam Fir  | 20                        | Sapling           | 2       |            |             |                         |  |                |    |         |    |  |              |    |          |   |    |               |    |          |    |    |                |    |          |    |    |            |    |      |    |    |  |  |                    |         |             |      |              |     |             |         |          |        |             |         |              |        |             |
| White Spruce  | 20                        | Sapling           | 2       |            |             |                         |  |                |    |         |    |  |              |    |          |   |    |               |    |          |    |    |                |    |          |    |    |            |    |      |    |    |  |  |                    |         |             |      |              |     |             |         |          |        |             |         |              |        |             |
| Quaking Aspen   | 40                        | Sapling           | 3       | 24         |             |                         |  |                |    |         |    |  |              |    |          |   |    |               |    |          |    |    |                |    |          |    |    |            |    |      |    |    |  |  |                    |         |             |      |              |     |             |         |          |        |             |         |              |        |             |
| Bigtooth Aspen  | 20                        | Sapling           | 3       |            |             |                         |  |                |    |         |    |  |              |    |          |   |    |               |    |          |    |    |                |    |          |    |    |            |    |      |    |    |  |  |                    |         |             |      |              |     |             |         |          |        |             |         |              |        |             |
| <b>88</b>   | 42110 - Planted Red Pine  | Sawtimber Well    | 87.2    | 83         | 111-140     | N/A                     | Stand was thinned in 2016.   |                |    |         |    |  |              |    |          |   |    |               |    |          |    |    |                |    |          |    |    |            |    |      |    |    |  |  |                    |         |             |      |              |     |             |         |          |        |             |         |              |        |             |
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| Canopy Species  | % Cover                   | Size Class        | DBH     | Age        |             |                         |  |                |    |         |    |  |              |    |          |   |    |               |    |          |    |    |                |    |          |    |    |            |    |      |    |    |  |  |                    |         |             |      |              |     |             |         |          |        |             |         |              |        |             |
| Bigtooth Aspen  | 2                         | Log               | 11      |            |             |                         |  |                |    |         |    |  |              |    |          |   |    |               |    |          |    |    |                |    |          |    |    |            |    |      |    |    |  |  |                    |         |             |      |              |     |             |         |          |        |             |         |              |        |             |
| Jack Pine   | 2                         | Pole/Log          | 8       |            |             |                         |  |                |    |         |    |  |              |    |          |   |    |               |    |          |    |    |                |    |          |    |    |            |    |      |    |    |  |  |                    |         |             |      |              |     |             |         |          |        |             |         |              |        |             |
| Red Maple   | 2                         | Pole/Log          | 10      |            |             |                         |  |                |    |         |    |  |              |    |          |   |    |               |    |          |    |    |                |    |          |    |    |            |    |      |    |    |  |  |                    |         |             |      |              |     |             |         |          |        |             |         |              |        |             |
| Red Pine  | 92                        | Log               | 13      | 83         |             |                         |  |                |    |         |    |  |              |    |          |   |    |               |    |          |    |    |                |    |          |    |    |            |    |      |    |    |  |  |                    |         |             |      |              |     |             |         |          |        |             |         |              |        |             |
| White Pine  | 2                         | Log               | 12      |            |             |                         |  |                |    |         |    |  |              |    |          |   |    |               |    |          |    |    |                |    |          |    |    |            |    |      |    |    |  |  |                    |         |             |      |              |     |             |         |          |        |             |         |              |        |             |
| Sub-Canopy Species  | Density                   | Avg. Height       | Size    |            |             |                         |  |                |    |         |    |  |              |    |          |   |    |               |    |          |    |    |                |    |          |    |    |            |    |      |    |    |  |  |                    |         |             |      |              |     |             |         |          |        |             |         |              |        |             |
| Black Cherry  | Low                       | 5 - 10 feet       | Sapling |            |             |                         |  |                |    |         |    |  |              |    |          |   |    |               |    |          |    |    |                |    |          |    |    |            |    |      |    |    |  |  |                    |         |             |      |              |     |             |         |          |        |             |         |              |        |             |
| Conifers  | Medium                    | 5 - 10 feet       | Sapling |            |             |                         |  |                |    |         |    |  |              |    |          |   |    |               |    |          |    |    |                |    |          |    |    |            |    |      |    |    |  |  |                    |         |             |      |              |     |             |         |          |        |             |         |              |        |             |
| Maple (spp.)  | Medium                    | 5 - 10 feet       | Sapling |            |             |                         |  |                |    |         |    |  |              |    |          |   |    |               |    |          |    |    |                |    |          |    |    |            |    |      |    |    |  |  |                    |         |             |      |              |     |             |         |          |        |             |         |              |        |             |
| <b>89</b>   | 330 - Low-Density Trees   | Nonstocked        | 42.4    | 0          | Unspecified | 4211 - Planted Red Pine | Stand was cut 8/16. Trenched 2017. Planted 5/10/2018. Failed regeneration check after first growing season. Estimated about 75-80% mortality. Prescribe a site prep spray with skidder, trench and initial plant. Follow up with release as needed.<br>2018- Failed 1st year regen survey. 75% mortality. Scheduled for initial plant.<br>Stand sprayed on 9/13/21.<br>Stand planted to RP in 2022. 05/03/2022.<br>Checked for spray effectiveness in 07/22. Acceptable but larger diameter maple stems not controlled.<br>1 year regen survey completed on 09/17/2022. 739 TPA, 3% mortality, 98% FTG. Very little competition found.<br>2023- Seedlings look good, not too much competition yet. |                |    |         |    |  |              |    |          |   |    |               |    |          |    |    |                |    |          |    |    |            |    |      |    |    |  |  |                    |         |             |      |              |     |             |         |          |        |             |         |              |        |             |



| Stand | Level 4 Cover Type | Size Density   | Acres | Stand Age | BA Range | Managed Site | General Comments   |
|-------|--------------------|----------------|-------|-----------|----------|--------------|--|
| 96    | 6121 - Tamarack    | Sawtimber Well | 2.6   | 85        | 141-170  | N/A          | Tamarack stand surrounding small pond. Left as a buffer. |

| Canopy Species | % Cover | Size Class | DBH | Age | Sub-Canopy Species | Density | Avg. Height | Size    |
|----------------|---------|------------|-----|-----|--------------------|---------|-------------|---------|
| White Pine     | 2       | Pole       | 8   |     | Conifers           | Low     | < 5 feet    | Sapling |
| Black Spruce   | 38      | Pole       | 8   |     |                    |         |             |         |
| Jack Pine      | 10      | Log/Pole   | 10  |     |                    |         |             |         |
| Tamarack       | 50      | Log/Pole   | 10  | 85  |                    |         |             |         |