



# Compartment Review Presentation

Gwinn Forest Management Unit

Compartment 32235

Entry Year 2025

Acreage: 1,063

County Marquette

Management Area: Suomi Till and Outwash Plain

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**Stand Examiner:** Jason Caron

**Legal Description:**

T45N R29W Sections 14,15,16.

**Identified Planning Goals:**

To improve the quality and diversity of State forests and wildlife through proper habitat management, while protecting the riparian values of our wetlands and waters.

**Soil and topography:**

Terrain ranges from level swamps and wetland drainages to rolling and slightly hilly uplands.

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

Some additional state lands are located to the north, corporate lands lie to the west, a private hunt club borders to the east and small private inholdings are mixed with state land to the south.

**Unique Natural Features:**

No Unique Natural Features known.

**Archeological, Historical, and Cultural Features:**

No Archeological, Historical, or Cultural Features known.

**Special Management Designations or Considerations:**

**Watershed and Fisheries Considerations:**

Little Bear Lake, Loon Lake, Peterson Lake, Hagens Lake, and Cranberry Lake.

**Wildlife Habitat Considerations:**

This compartment is found within the Soumi Till and Outwash Management Area, on a Disintegration Moraine in Southwestern Marquette County. The dominant Natural Communities are dry mesic northern forests, poor conifer swamps, and mesic northern forests. This management area offers opportunities to increase diversity and perhaps long-term oak sustainability through under planting white and red pine. Another priority is to maintain or increase wildlife corridors especially along riparian corridors. Wildlife management issues in the management area are mast (hard and soft); habitat fragmentation; mature forest conditions; mesic conifer; coarse woody debris; and retention or development of large living and dead standing trees (for cavities). This management area represents approximately ¼ of the oak resource on WUP state forest.

The following have been identified as featured species for the Soumi Till and Outwash Management Area: Blackburnian Warbler, Golden-winged Warbler, Kirtland's Warbler, Red Crossbill, Black-backed Woodpecker, Ruffed Grouse, American Marten, White-tailed Deer, Black Bear.

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

Sections 11 & 14-16, T45N-R29W, Marquette County

No known potential exists for commercial oil & gas production in this part of the state. The nearest active sand/gravel pit is less than four miles southwest. Some potential for sand & gravel exists 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, logging companies, or DNR for road maintenance. The compartment is relatively far from historic mining districts and any past metallic mineral mining activity. Iron formation was documented in historic test drilling less than two miles southwest of the compartment, but no known evidence exists for iron ore within/beneath the compartment, and no known potential exists for other metallic or critical minerals. There is no current mineral leasing activity in or around the compartment, and potential for discoveries of significant mineral deposits within the compartment is considered low at this time.

**Vehicle Access:**

Access is good from Co. Road FNN (Casey Lake Road) which runs north and south, cutting the compartment almost exactly in half. Additional 2-tracks off of this main road provide access to various parts of the compartment.

**Survey Needs:**

None needed at this time.

**Recreational Facilities and Opportunities:**

Access is good from Co. Road FNN (Casey Lake Road) which runs north and south, cutting the compartment almost exactly in half. Additional 2-tracks off of this main road provide access to various parts of the compartment.

**Fire Protection:**

This compartment lies within the 581 Zone Dispatch area.

**Additional Compartment Information:**

The following reports from the Inventory are attached:

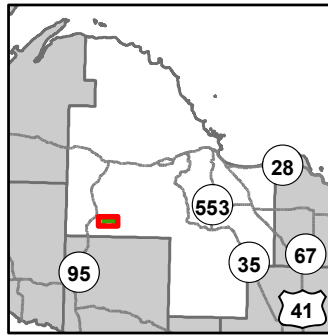
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

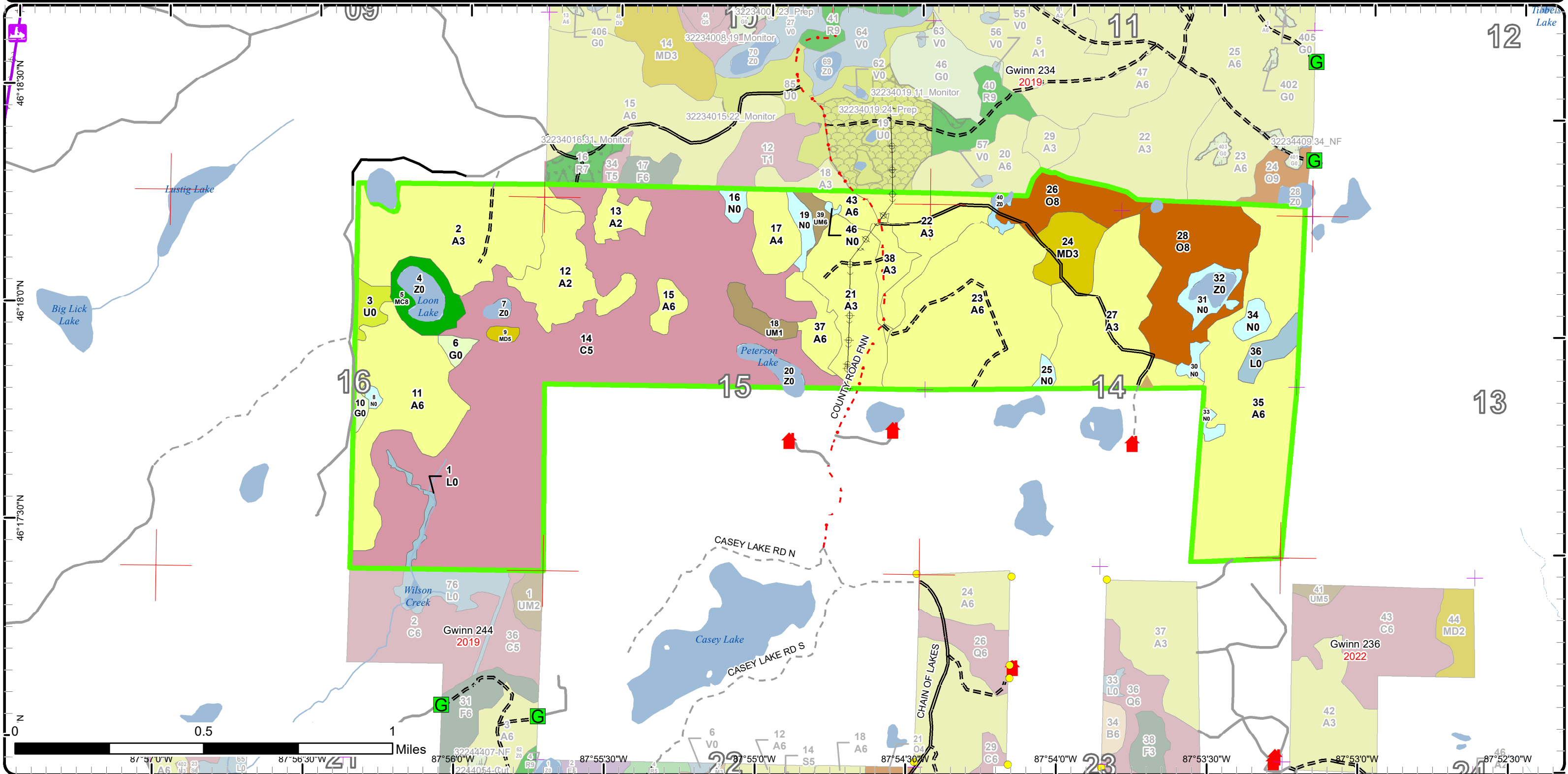
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

# Cover Type & Treatments Map

Compartment: 235  
 T45N, R29W, Sec: 9-11, 14, 16  
 County: Marquette  
 Unit: Gwinn  
 Mgmt Area: Suomi Till and  
 Outwash Plain  
 YOE: 2025  
 Acres: 1062.6 GIS Calculated  
 Examiner: Jason Caron  
 Map Revised: 8/16/2023  
 Map Phase: Review

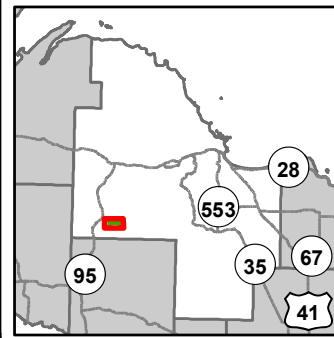


- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- Private - Paved Road
- Private - Dirt / Gravel Road
- Snowmobile Trails
- Designated Snowmobile Trails
- ▲ Cabin
- ▲ Berms
- Gate
- Intermittent Stream
- Island in Lake or River
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Powerline
- Compartment Boundary
- 412 - Oak Types
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 422 - Natural Pines
- 430 - Upland Mixed Forest
- 612 - Lowland Coniferous Forest
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland

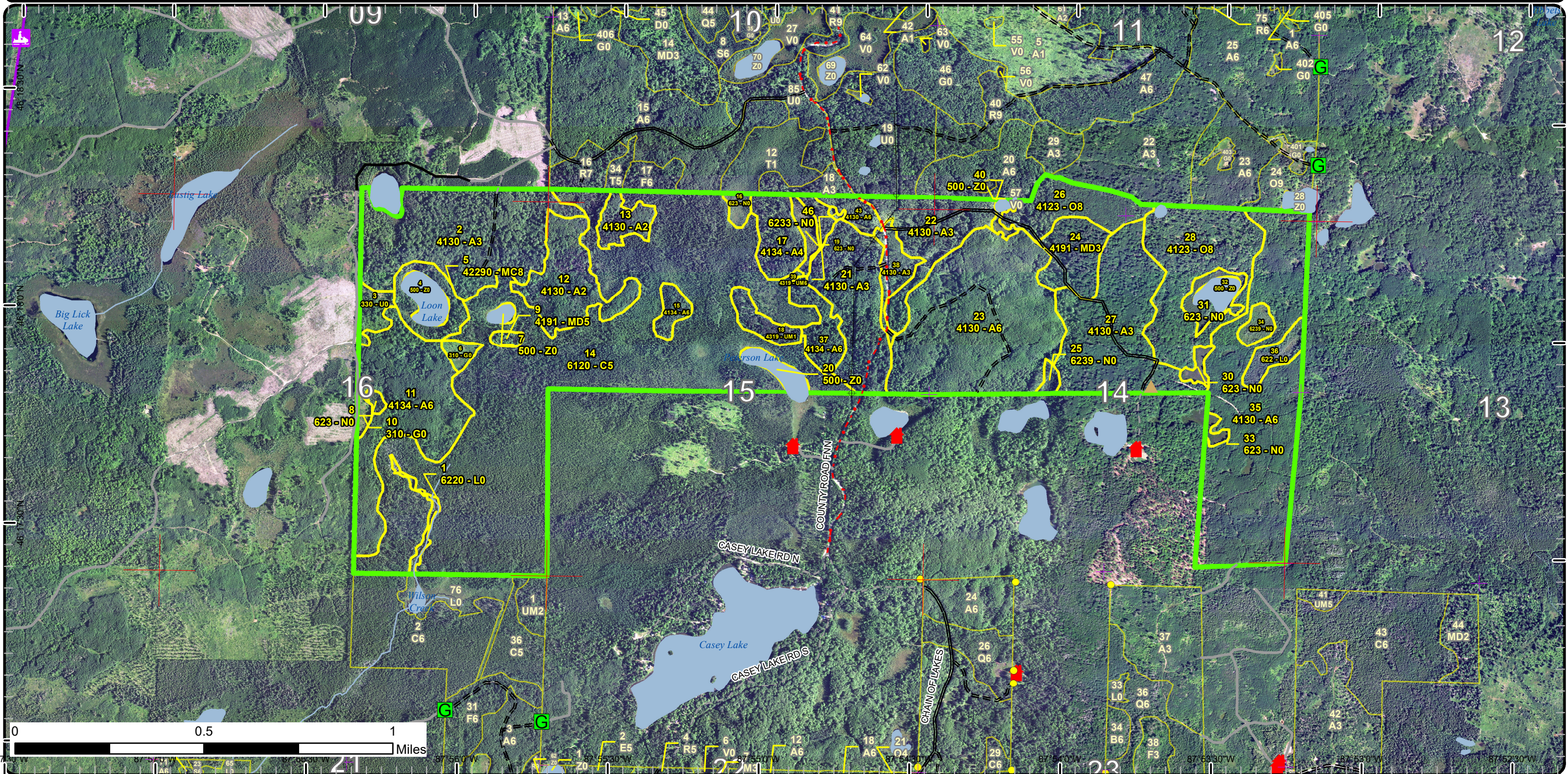


# Stand Boundary Map

Compartment: 235  
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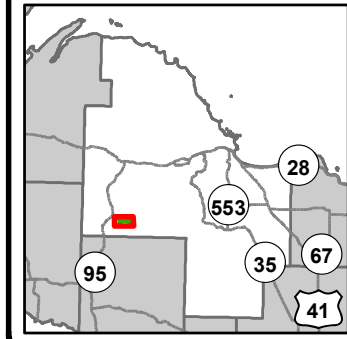


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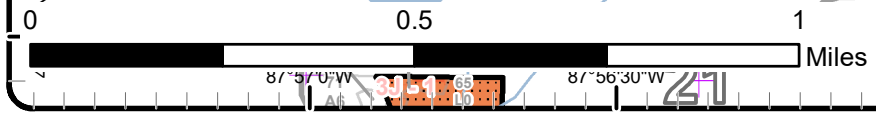
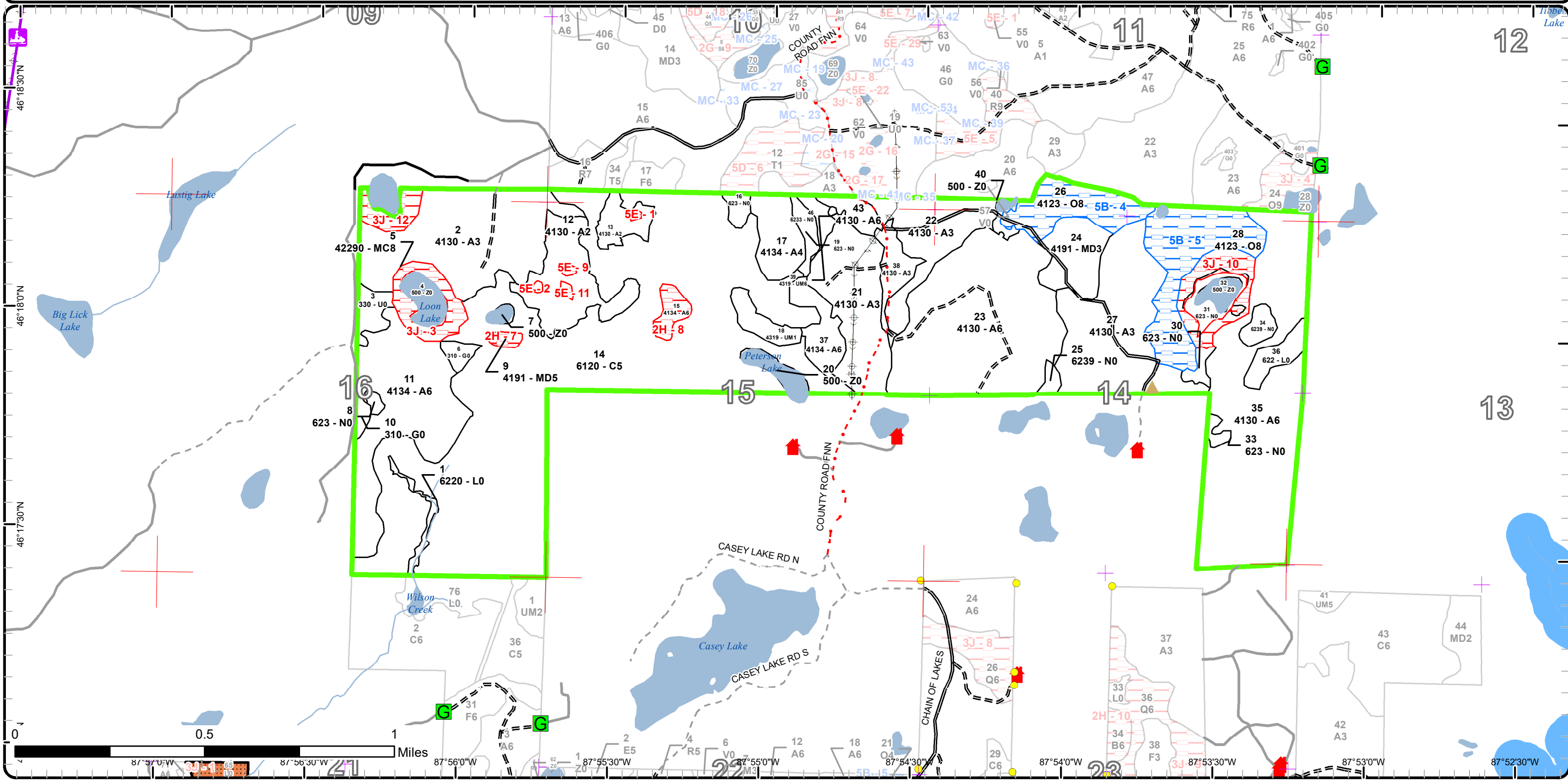


# Special Conservation Areas

Compartment: 235  
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- Intermittent Stream
- Island in Lake or River
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Powerline
- Compartment Boundary
- Available w/ Constraints
- 5B: Maintain for regeneration purposes
- Unavailable
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- 3J: Water quality / BMPs (stream, river, or lake)
- 5E: Long-Term Retention
- Stand Boundaries
- SCA
- Cold Water Streams
- Cold Water Lakes
- High Priority Trout Stream Buffer
- Other Habitat Area



Report 1 – Total Acres by Cover Type and Age Class



Age Class

|                        | Non-Forest | 0-9        | 10-19     | 20-29      | 30-39      | 40-49     | 50-59    | 60-69    | 70-79    | 80-89     | 90-99    | 100-109   | 110-119    | 120-129  | 130-139  | 140-149  | 150+     | Uneven-Aged | Total       |
|------------------------|------------|------------|-----------|------------|------------|-----------|----------|----------|----------|-----------|----------|-----------|------------|----------|----------|----------|----------|-------------|-------------|
| Aspen                  | 0          | 110        | 9         | 137        | 301        | 11        | 0        | 0        | 0        | 0         | 0        | 0         | 0          | 0        | 0        | 0        | 0        | 0           | 568         |
| Cedar                  | 0          | 0          | 0         | 0          | 0          | 0         | 0        | 0        | 0        | 0         | 0        | 0         | 306        | 0        | 0        | 0        | 0        | 0           | 306         |
| Herbaceous Openland    | 5          | 0          | 0         | 0          | 0          | 0         | 0        | 0        | 0        | 0         | 0        | 0         | 0          | 0        | 0        | 0        | 0        | 0           | 5           |
| Low-Density Trees      | 6          | 0          | 0         | 0          | 0          | 0         | 0        | 0        | 0        | 0         | 0        | 0         | 0          | 0        | 0        | 0        | 0        | 0           | 6           |
| Lowland Shrub          | 11         | 0          | 0         | 0          | 0          | 0         | 0        | 0        | 0        | 0         | 0        | 0         | 0          | 0        | 0        | 0        | 0        | 0           | 11          |
| Marsh                  | 28         | 0          | 0         | 0          | 0          | 0         | 0        | 0        | 0        | 0         | 0        | 0         | 0          | 0        | 0        | 0        | 0        | 0           | 28          |
| Mixed Upland Deciduous | 0          | 0          | 18        | 0          | 0          | 0         | 0        | 0        | 0        | 0         | 0        | 2         | 0          | 0        | 0        | 0        | 0        | 0           | 20          |
| Natural Mixed Pines    | 0          | 0          | 0         | 0          | 0          | 0         | 0        | 0        | 0        | 0         | 0        | 12        | 0          | 0        | 0        | 0        | 0        | 0           | 12          |
| Oak                    | 0          | 0          | 0         | 0          | 0          | 0         | 0        | 0        | 0        | 75        | 0        | 0         | 0          | 0        | 0        | 0        | 0        | 0           | 75          |
| Upland Mixed Forest    | 0          | 8          | 0         | 0          | 4          | 0         | 0        | 0        | 0        | 0         | 0        | 0         | 0          | 0        | 0        | 0        | 0        | 0           | 12          |
| Water                  | 20         | 0          | 0         | 0          | 0          | 0         | 0        | 0        | 0        | 0         | 0        | 0         | 0          | 0        | 0        | 0        | 0        | 0           | 20          |
| <b>Total</b>           | <b>70</b>  | <b>118</b> | <b>27</b> | <b>137</b> | <b>305</b> | <b>11</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>75</b> | <b>0</b> | <b>14</b> | <b>306</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b>    | <b>1063</b> |



## Report 2 – Treatment Summary

**Gwinn Mgt. Unit**

**Year of Entry: 2025**

**Acres of Harvest**

**Compartment 235**  
**Total Compartment Acres: 1,063**

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

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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: 0



## Report 4 – Site Conditions

Gwinn Mgt. Unit  
Jason Caron : Examiner

Compartment: 235  
Year of Entry: 2025

### Availability for Management

| Total Acres | Acres Available | Acres Avail<br>With Condition | Acres<br>Not Available |                        | Dominant Site Conditions |    |    |    |
|-------------|-----------------|-------------------------------|------------------------|------------------------|--------------------------|----|----|----|
|             |                 |                               |                        |                        | 5B                       | 2H | 3J | 5E |
| 568         | 553             | 0                             | 14                     | Aspen                  |                          | 5  | 7  | 2  |
| 306         | 306             | 0                             | 0                      | Cedar                  |                          |    |    |    |
| 5           | 5               | 0                             | 0                      | Herbaceous Openland    |                          |    |    |    |
| 6           | 6               | 0                             | 0                      | Low-Density Trees      |                          |    |    |    |
| 11          | 11              | 0                             | 0                      | Lowland Shrub          |                          |    |    |    |
| 28          | 27              | 0                             | 1                      | Marsh                  |                          |    | 1  |    |
| 20          | 18              | 0                             | 2                      | Mixed Upland Deciduous |                          | 2  |    |    |
| 12          | 0               | 0                             | 12                     | Natural Mixed Pines    |                          |    | 12 |    |
| 75          | 0               | 61                            | 13                     | Oak                    | 61                       |    | 13 |    |
| 11          | 11              | 0                             | 0                      | Upland Mixed Forest    |                          |    |    |    |
| 20          | 20              | 0                             | 0                      | Water                  |                          |    |    |    |
| 1,063       | 959             | 61                            | 43                     | Total Forested Acres   | 61                       | 7  | 34 | 2  |
|             | 90%             | 6%                            | 4%                     | Relative Percent       |                          |    |    |    |

*\*Due to limitations in the current Site Conditions Analysis tool, all nonforested acres are considered available. Future development will enable analysis of nonforested types.*

| Site No.         | Dominant Site Cond Availability | Dominant Site Condition                           | Acres | Other Site Condition | Other Site Condition | Other Site Condition | Other Site Condition |
|------------------|---------------------------------|---|-------|----------------------|----------------------|----------------------|----------------------|
| 1                | Unavailable                     | 5E: Long-Term Retention                           | 0     | Unspecified          | Unspecified          | Unspecified          | Unspecified          |
| <b>Comments:</b> |                                 |   |       |                      |                      |                      |                      |
| 2                | Unavailable                     | 5E: Long-Term Retention                           | 0     | Unspecified          | Unspecified          | Unspecified          | Unspecified          |
| <b>Comments:</b> |                                 |   |       |                      |                      |                      |                      |
| 3                | Unavailable                     | 3J: Water quality / BMPs (stream, river, or lake) | 12    | Unspecified          | Unspecified          | Unspecified          | Unspecified          |
| <b>Comments:</b> |                                 |   |       |                      |                      |                      |                      |

## Report 4 – Site Conditions

Gwinn Mgt. Unit  
Jason Caron : Examiner

Compartment: 235  
Year of Entry: 2025

|   |                    |   |    |             |             |             |             |
|---|--------------------|---|----|-------------|-------------|-------------|-------------|
| 4   | <b>Available</b>   | <b>5B: Maintain for regeneration purposes</b>                                 | 23 | Unspecified | Unspecified | Unspecified | Unspecified |
| <b>Comments:</b><br>Red pine is regenerating within the understory. Allow red pine to continue to regenerate. |                    |   |    |             |             |             |             |
| 5   | <b>Available</b>   | <b>5B: Maintain for regeneration purposes</b>                                 | 39 | Unspecified | Unspecified | Unspecified | Unspecified |
| <b>Comments:</b><br>Understory is regenerating.   |                    |   |    |             |             |             |             |
| 7   | <b>Unavailable</b> | <b>2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)</b> | 2  | Unspecified | Unspecified | Unspecified | Unspecified |
| <b>Comments:</b>  |                    |   |    |             |             |             |             |
| 8   | <b>Unavailable</b> | <b>2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)</b> | 5  | Unspecified | Unspecified | Unspecified | Unspecified |
| <b>Comments:</b>  |                    |   |    |             |             |             |             |
| 9   | <b>Unavailable</b> | <b>5E: Long-Term Retention</b>  | 1  | Unspecified | Unspecified | Unspecified | Unspecified |
| <b>Comments:</b>  |                    |   |    |             |             |             |             |
| 10  | <b>Unavailable</b> | <b>3J: Water quality / BMPs (stream, river, or lake)</b>                      | 14 | Unspecified | Unspecified | Unspecified | Unspecified |
| <b>Comments:</b>  |                    |   |    |             |             |             |             |

# Report 4 – Site Conditions

Gwinn Mgt. Unit  
Jason Caron : Examiner

Compartment: 235  
Year of Entry: 2025

|           |             |  |   |             |             |             |             |
|-----------|-------------|--|---|-------------|-------------|-------------|-------------|
| 11        | Unavailable | 5E: Long-Term Retention                              | 1 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: |             |  |   |             |             |             |             |
| 12        | Unavailable | 3J: Water quality / BMPs<br>(stream, river, or lake) | 7 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: |             |  |   |             |             |             |             |

Mgt. Unit

Compartment: #Type!

Year of Entry:



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

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

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

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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 Lake   | A coldwater lake has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species to persist from year to year. Suitable conditions for coldwater fishes may occur in Michigan lakes if they are relatively deep, have substantial groundwater inflows, or are located in colder (northern) areas of the state. Such lakes are established by Director's action and designated as trout resources by Fisheries Order 200. |
| SCA               | Cold Water Stream | A coldwater stream has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species (e.g., slimy sculpin) to persist from year to year. Coldwater streams in Michigan typically provide these conditions due to substantial contributions of groundwater to their stream flows. Such streams are established by Director's action and designated as trout resources by Fisheries Order 210.                               |



| Stand  | Level 4 Cover Type                         | Size Density      | Acres      | Stand Age  | BA Range    | Managed Site | General Comments  |               |    |              |    |    |                |    |          |    |     |            |    |              |    |     |            |    |          |    |  |  |    |                    |         |             |            |            |          |          |         |   |  |                    |         |             |      |          |     |             |         |            |      |             |         |            |     |              |         |           |      |             |         |                   |      |          |            |
|--|--|-------------------|------------|------------|-------------|--------------|---|---------------|----|--------------|----|----|----------------|----|----------|----|-----|------------|----|--------------|----|-----|------------|----|----------|----|--|--|----|--------------------|---------|-------------|------------|------------|----------|----------|---------|---|--|--------------------|---------|-------------|------|----------|-----|-------------|---------|------------|------|-------------|---------|------------|-----|--------------|---------|-----------|------|-------------|---------|-------------------|------|----------|------------|
| 1  | 6220 - Alder/willow                        | Nonstocked        | 3.2        | 0          | Unspecified | No           | Wilson Creek and the riparian area surrounding it.  |               |    |              |    |    |                |    |          |    |     |            |    |              |    |     |            |    |          |    |  |  |    |                    |         |             |            |            |          |          |         |   |  |                    |         |             |      |          |     |             |         |            |      |             |         |            |     |              |         |           |      |             |         |                   |      |          |            |
| 2  | 4130 - Aspen                               | Sapling Well      | 75.1       | 26         | 1-50        | N/A          | Commercially cut summer of 1996, permit # 10-95, "Little Bear Lake Block", cut by Jim Carey. All oak, red and white pine was left. Stand consists of a dense patch of mature oak within the NE corner but then becomes mostly a young aspen stand with scattered mature oak throughout. Manage as an aspen stand. |               |    |              |    |    |                |    |          |    |     |            |    |              |    |     |            |    |          |    |  |  |    |                    |         |             |            |            |          |          |         |   |  |                    |         |             |      |          |     |             |         |            |      |             |         |            |     |              |         |           |      |             |         |                   |      |          |            |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>50</td> <td>Sapling</td> <td>4</td> <td>26</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>20</td> <td>Sapling</td> <td>4</td> <td>26</td> </tr> <tr> <td>Red Pine</td> <td>3</td> <td>XLog/Log</td> <td>16</td> <td></td> </tr> <tr> <td>White Pine</td> <td>2</td> <td>XLog/Log</td> <td>16</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>20</td> <td>Sapling</td> <td>4</td> <td></td> </tr> <tr> <td>Red Oak</td> <td>5</td> <td>Log</td> <td>12</td> <td></td> </tr> </tbody> </table> |  | Canopy Species    | % Cover    | Size Class | DBH         | Age          |   | Quaking Aspen | 50 | Sapling      | 4  | 26 | Bigtooth Aspen | 20 | Sapling  | 4  | 26  | Red Pine   | 3  | XLog/Log     | 16 |     | White Pine | 2  | XLog/Log | 16 |  | Red Maple  | 20 | Sapling            | 4       |             | Red Oak    | 5          | Log      | 12       |         | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Oak</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>High</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Hazelnut (Beaked)</td> <td>High</td> <td>&lt; 5 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table> |  | Sub-Canopy Species | Density | Avg. Height | Size | Red Oak  | Low | 5 - 10 feet | Sapling | White Pine | Low  | 5 - 10 feet | Sapling | Balsam Fir | Low | 10 - 20 feet | Sapling | Red Maple | High | 5 - 10 feet | Sapling | Hazelnut (Beaked) | High | < 5 feet | Tall Shrub |
| Canopy Species   | % Cover                                    | Size Class        | DBH        | Age        |             |              |   |               |    |              |    |    |                |    |          |    |     |            |    |              |    |     |            |    |          |    |  |  |    |                    |         |             |            |            |          |          |         |   |  |                    |         |             |      |          |     |             |         |            |      |             |         |            |     |              |         |           |      |             |         |                   |      |          |            |
| Quaking Aspen  | 50   | Sapling           | 4          | 26         |             |              |   |               |    |              |    |    |                |    |          |    |     |            |    |              |    |     |            |    |          |    |  |  |    |                    |         |             |            |            |          |          |         |   |  |                    |         |             |      |          |     |             |         |            |      |             |         |            |     |              |         |           |      |             |         |                   |      |          |            |
| Bigtooth Aspen   | 20   | Sapling           | 4          | 26         |             |              |   |               |    |              |    |    |                |    |          |    |     |            |    |              |    |     |            |    |          |    |  |  |    |                    |         |             |            |            |          |          |         |   |  |                    |         |             |      |          |     |             |         |            |      |             |         |            |     |              |         |           |      |             |         |                   |      |          |            |
| Red Pine   | 3  | XLog/Log          | 16         |            |             |              |   |               |    |              |    |    |                |    |          |    |     |            |    |              |    |     |            |    |          |    |  |  |    |                    |         |             |            |            |          |          |         |   |  |                    |         |             |      |          |     |             |         |            |      |             |         |            |     |              |         |           |      |             |         |                   |      |          |            |
| White Pine   | 2  | XLog/Log          | 16         |            |             |              |   |               |    |              |    |    |                |    |          |    |     |            |    |              |    |     |            |    |          |    |  |  |    |                    |         |             |            |            |          |          |         |   |  |                    |         |             |      |          |     |             |         |            |      |             |         |            |     |              |         |           |      |             |         |                   |      |          |            |
| Red Maple  | 20   | Sapling           | 4          |            |             |              |   |               |    |              |    |    |                |    |          |    |     |            |    |              |    |     |            |    |          |    |  |  |    |                    |         |             |            |            |          |          |         |   |  |                    |         |             |      |          |     |             |         |            |      |             |         |            |     |              |         |           |      |             |         |                   |      |          |            |
| Red Oak  | 5  | Log               | 12         |            |             |              |   |               |    |              |    |    |                |    |          |    |     |            |    |              |    |     |            |    |          |    |  |  |    |                    |         |             |            |            |          |          |         |   |  |                    |         |             |      |          |     |             |         |            |      |             |         |            |     |              |         |           |      |             |         |                   |      |          |            |
| Sub-Canopy Species   | Density                                    | Avg. Height       | Size       |            |             |              |   |               |    |              |    |    |                |    |          |    |     |            |    |              |    |     |            |    |          |    |  |  |    |                    |         |             |            |            |          |          |         |   |  |                    |         |             |      |          |     |             |         |            |      |             |         |            |     |              |         |           |      |             |         |                   |      |          |            |
| Red Oak  | Low  | 5 - 10 feet       | Sapling    |            |             |              |   |               |    |              |    |    |                |    |          |    |     |            |    |              |    |     |            |    |          |    |  |  |    |                    |         |             |            |            |          |          |         |   |  |                    |         |             |      |          |     |             |         |            |      |             |         |            |     |              |         |           |      |             |         |                   |      |          |            |
| White Pine   | Low  | 5 - 10 feet       | Sapling    |            |             |              |   |               |    |              |    |    |                |    |          |    |     |            |    |              |    |     |            |    |          |    |  |  |    |                    |         |             |            |            |          |          |         |   |  |                    |         |             |      |          |     |             |         |            |      |             |         |            |     |              |         |           |      |             |         |                   |      |          |            |
| Balsam Fir   | Low  | 10 - 20 feet      | Sapling    |            |             |              |   |               |    |              |    |    |                |    |          |    |     |            |    |              |    |     |            |    |          |    |  |  |    |                    |         |             |            |            |          |          |         |   |  |                    |         |             |      |          |     |             |         |            |      |             |         |            |     |              |         |           |      |             |         |                   |      |          |            |
| Red Maple  | High                                       | 5 - 10 feet       | Sapling    |            |             |              |   |               |    |              |    |    |                |    |          |    |     |            |    |              |    |     |            |    |          |    |  |  |    |                    |         |             |            |            |          |          |         |   |  |                    |         |             |      |          |     |             |         |            |      |             |         |            |     |              |         |           |      |             |         |                   |      |          |            |
| Hazelnut (Beaked)  | High                                       | < 5 feet          | Tall Shrub |            |             |              |   |               |    |              |    |    |                |    |          |    |     |            |    |              |    |     |            |    |          |    |  |  |    |                    |         |             |            |            |          |          |         |   |  |                    |         |             |      |          |     |             |         |            |      |             |         |            |     |              |         |           |      |             |         |                   |      |          |            |
| 3  | 330 - Low-Density Trees                    | Nonstocked        | 6.3        |            | Unspecified | No           | Opening that is filling in with trees.  |               |    |              |    |    |                |    |          |    |     |            |    |              |    |     |            |    |          |    |  |  |    |                    |         |             |            |            |          |          |         |   |  |                    |         |             |      |          |     |             |         |            |      |             |         |            |     |              |         |           |      |             |         |                   |      |          |            |
| 4  | 500 - Water                                | Nonstocked        | 7.0        |            | Unspecified | No           |   |               |    |              |    |    |                |    |          |    |     |            |    |              |    |     |            |    |          |    |  |  |    |                    |         |             |            |            |          |          |         |   |  |                    |         |             |      |          |     |             |         |            |      |             |         |            |     |              |         |           |      |             |         |                   |      |          |            |
| 5  | 42290 - Natural Mixed Pine                 | Sawtimber Medium  | 11.9       | 103        | 111-140     | N/A          | Maintain this stand as a riparian buffere. Stand consists of a high ridge of red pine around Mud Lake. Unique stand with a mix of conifer and deciduous.  |               |    |              |    |    |                |    |          |    |     |            |    |              |    |     |            |    |          |    |  |  |    |                    |         |             |            |            |          |          |         |   |  |                    |         |             |      |          |     |             |         |            |      |             |         |            |     |              |         |           |      |             |         |                   |      |          |            |
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| Canopy Species   | % Cover                                    | Size Class        | DBH        | Age        |             |              |   |               |    |              |    |    |                |    |          |    |     |            |    |              |    |     |            |    |          |    |  |  |    |                    |         |             |            |            |          |          |         |   |  |                    |         |             |      |          |     |             |         |            |      |             |         |            |     |              |         |           |      |             |         |                   |      |          |            |
| Paper Birch  | 7  | Log               | 10         |            |             |              |   |               |    |              |    |    |                |    |          |    |     |            |    |              |    |     |            |    |          |    |  |  |    |                    |         |             |            |            |          |          |         |   |  |                    |         |             |      |          |     |             |         |            |      |             |         |            |     |              |         |           |      |             |         |                   |      |          |            |
| White Pine   | 15   | XLog/Log          | 16         |            |             |              |   |               |    |              |    |    |                |    |          |    |     |            |    |              |    |     |            |    |          |    |  |  |    |                    |         |             |            |            |          |          |         |   |  |                    |         |             |      |          |     |             |         |            |      |             |         |            |     |              |         |           |      |             |         |                   |      |          |            |
| Red Pine   | 40   | XLog/Log          | 17         | 103        |             |              |   |               |    |              |    |    |                |    |          |    |     |            |    |              |    |     |            |    |          |    |  |  |    |                    |         |             |            |            |          |          |         |   |  |                    |         |             |      |          |     |             |         |            |      |             |         |            |     |              |         |           |      |             |         |                   |      |          |            |
| Jack Pine  | 8  | Log               | 16         |            |             |              |   |               |    |              |    |    |                |    |          |    |     |            |    |              |    |     |            |    |          |    |  |  |    |                    |         |             |            |            |          |          |         |   |  |                    |         |             |      |          |     |             |         |            |      |             |         |            |     |              |         |           |      |             |         |                   |      |          |            |
| Red Maple  | 15   | Log/Pole          | 9          |            |             |              |   |               |    |              |    |    |                |    |          |    |     |            |    |              |    |     |            |    |          |    |  |  |    |                    |         |             |            |            |          |          |         |   |  |                    |         |             |      |          |     |             |         |            |      |             |         |            |     |              |         |           |      |             |         |                   |      |          |            |
| Balsam Fir   | 15   | Pole/Log          | 9          |            |             |              |   |               |    |              |    |    |                |    |          |    |     |            |    |              |    |     |            |    |          |    |  |  |    |                    |         |             |            |            |          |          |         |   |  |                    |         |             |      |          |     |             |         |            |      |             |         |            |     |              |         |           |      |             |         |                   |      |          |            |
| Sub-Canopy Species   | Density                                    | Avg. Height       | Size       |            |             |              |   |               |    |              |    |    |                |    |          |    |     |            |    |              |    |     |            |    |          |    |  |  |    |                    |         |             |            |            |          |          |         |   |  |                    |         |             |      |          |     |             |         |            |      |             |         |            |     |              |         |           |      |             |         |                   |      |          |            |
| Red Pine   | Low  | Variable          | Sapling    |            |             |              |   |               |    |              |    |    |                |    |          |    |     |            |    |              |    |     |            |    |          |    |  |  |    |                    |         |             |            |            |          |          |         |   |  |                    |         |             |      |          |     |             |         |            |      |             |         |            |     |              |         |           |      |             |         |                   |      |          |            |
| Balsam Fir   | High                                       | Variable          | Sapling    |            |             |              |   |               |    |              |    |    |                |    |          |    |     |            |    |              |    |     |            |    |          |    |  |  |    |                    |         |             |            |            |          |          |         |   |  |                    |         |             |      |          |     |             |         |            |      |             |         |            |     |              |         |           |      |             |         |                   |      |          |            |
| White Pine   | Low  | Variable          | Sapling    |            |             |              |   |               |    |              |    |    |                |    |          |    |     |            |    |              |    |     |            |    |          |    |  |  |    |                    |         |             |            |            |          |          |         |   |  |                    |         |             |      |          |     |             |         |            |      |             |         |            |     |              |         |           |      |             |         |                   |      |          |            |
| 6  | 310 - Herbaceous Openland                  | Nonstocked        | 3.2        |            | Unspecified | No           |   |               |    |              |    |    |                |    |          |    |     |            |    |              |    |     |            |    |          |    |  |  |    |                    |         |             |            |            |          |          |         |   |  |                    |         |             |      |          |     |             |         |            |      |             |         |            |     |              |         |           |      |             |         |                   |      |          |            |
| 7  | 500 - Water                                | Nonstocked        | 1.7        |            | Unspecified | No           |   |               |    |              |    |    |                |    |          |    |     |            |    |              |    |     |            |    |          |    |  |  |    |                    |         |             |            |            |          |          |         |   |  |                    |         |             |      |          |     |             |         |            |      |             |         |            |     |              |         |           |      |             |         |                   |      |          |            |
| 8  | 623 - Emergent Wetland                     | Nonstocked        | 1.4        |            | Unspecified | No           |   |               |    |              |    |    |                |    |          |    |     |            |    |              |    |     |            |    |          |    |  |  |    |                    |         |             |            |            |          |          |         |   |  |                    |         |             |      |          |     |             |         |            |      |             |         |            |     |              |         |           |      |             |         |                   |      |          |            |
| 9  | 4191 - Mixed Upland Deciduous with Conifer | Poletimber Medium | 1.9        | 102        | 51-80       | N/A          | Small steep knob that contains higher ground than the adjacent cedar swamp.   |               |    |              |    |    |                |    |          |    |     |            |    |              |    |     |            |    |          |    |  |  |    |                    |         |             |            |            |          |          |         |   |  |                    |         |             |      |          |     |             |         |            |      |             |         |            |     |              |         |           |      |             |         |                   |      |          |            |
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| Canopy Species   | % Cover                                    | Size Class        | DBH        | Age        |             |              |   |               |    |              |    |    |                |    |          |    |     |            |    |              |    |     |            |    |          |    |  |  |    |                    |         |             |            |            |          |          |         |   |  |                    |         |             |      |          |     |             |         |            |      |             |         |            |     |              |         |           |      |             |         |                   |      |          |            |
| Red Maple  | 17   | Pole/Sapling      | 9          |            |             |              |   |               |    |              |    |    |                |    |          |    |     |            |    |              |    |     |            |    |          |    |  |  |    |                    |         |             |            |            |          |          |         |   |  |                    |         |             |      |          |     |             |         |            |      |             |         |            |     |              |         |           |      |             |         |                   |      |          |            |
| Paper Birch  | 50   | Pole              | 9          | 102        |             |              |   |               |    |              |    |    |                |    |          |    |     |            |    |              |    |     |            |    |          |    |  |  |    |                    |         |             |            |            |          |          |         |   |  |                    |         |             |      |          |     |             |         |            |      |             |         |            |     |              |         |           |      |             |         |                   |      |          |            |
| Balsam Fir   | 17   | Pole/Sapling      | 9          |            |             |              |   |               |    |              |    |    |                |    |          |    |     |            |    |              |    |     |            |    |          |    |  |  |    |                    |         |             |            |            |          |          |         |   |  |                    |         |             |      |          |     |             |         |            |      |             |         |            |     |              |         |           |      |             |         |                   |      |          |            |
| White Pine   | 16   | Log               | 14         |            |             |              |   |               |    |              |    |    |                |    |          |    |     |            |    |              |    |     |            |    |          |    |  |  |    |                    |         |             |            |            |          |          |         |   |  |                    |         |             |      |          |     |             |         |            |      |             |         |            |     |              |         |           |      |             |         |                   |      |          |            |
| Sub-Canopy Species   | Density                                    | Avg. Height       | Size       |            |             |              |   |               |    |              |    |    |                |    |          |    |     |            |    |              |    |     |            |    |          |    |  |  |    |                    |         |             |            |            |          |          |         |   |  |                    |         |             |      |          |     |             |         |            |      |             |         |            |     |              |         |           |      |             |         |                   |      |          |            |
| Balsam Fir   | Medium                                     | Variable          | Sapling    |            |             |              |   |               |    |              |    |    |                |    |          |    |     |            |    |              |    |     |            |    |          |    |  |  |    |                    |         |             |            |            |          |          |         |   |  |                    |         |             |      |          |     |             |         |            |      |             |         |            |     |              |         |           |      |             |         |                   |      |          |            |



| Stand  | Level 4 Cover Type         | Size Density      | Acres      | Stand Age  | BA Range    | Managed Site | General Comments  |     |         |   |    |                |    |         |   |    |                      |    |              |   |     |   |    |                    |         |             |   |                   |                    |          |             |            |            |          |          |         |              |        |          |         |           |        |          |            |
|--|----------------------------|-------------------|------------|------------|-------------|--------------|---|-----|---------|---|----|----------------|----|---------|---|----|----------------------|----|--------------|---|-----|---|----|--------------------|---------|-------------|---|-------------------|--------------------|----------|-------------|------------|------------|----------|----------|---------|--------------|--------|----------|---------|-----------|--------|----------|------------|
| 10   | 310 - Herbaceous Openland  | Nonstocked        | 2.1        |            | Unspecified | No           |   |     |         |   |    |                |    |         |   |    |                      |    |              |   |     |   |    |                    |         |             |   |                   |                    |          |             |            |            |          |          |         |              |        |          |         |           |        |          |            |
| 11   | 4134 - Aspen, Spruce/Fir   | Poletimber Well   | 59.5       | 36         | Unspecified | N/A          | 30-40' 4-5 inch aspen saps starting to transition into the pole timber class. Much of the stand is comprised of healthy, big tooth aspen. Moose droppings along the swamp edge.   |     |         |   |    |                |    |         |   |    |                      |    |              |   |     |   |    |                    |         |             |   |                   |                    |          |             |            |            |          |          |         |              |        |          |         |           |        |          |            |
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| Canopy Species   | % Cover                    | Size Class        | DBH        | Age        |             |              |   |     |         |   |    |                |    |         |   |    |                      |    |              |   |     |   |    |                    |         |             |   |                   |                    |          |             |            |            |          |          |         |              |        |          |         |           |        |          |            |
| Balsam Fir   | 20                         | Pole              | 6          |            |             |              |   |     |         |   |    |                |    |         |   |    |                      |    |              |   |     |   |    |                    |         |             |   |                   |                    |          |             |            |            |          |          |         |              |        |          |         |           |        |          |            |
| Bigtooth Aspen   | 30                         | Pole              | 7          |            |             |              |   |     |         |   |    |                |    |         |   |    |                      |    |              |   |     |   |    |                    |         |             |   |                   |                    |          |             |            |            |          |          |         |              |        |          |         |           |        |          |            |
| Quaking Aspen  | 50                         | Pole              | 7          | 36         |             |              |   |     |         |   |    |                |    |         |   |    |                      |    |              |   |     |   |    |                    |         |             |   |                   |                    |          |             |            |            |          |          |         |              |        |          |         |           |        |          |            |
| Sub-Canopy Species   | Density                    | Avg. Height       | Size       |            |             |              |   |     |         |   |    |                |    |         |   |    |                      |    |              |   |     |   |    |                    |         |             |   |                   |                    |          |             |            |            |          |          |         |              |        |          |         |           |        |          |            |
| Hazelnut (Beaked)  | Medium                     | < 5 feet          | Tall Shrub |            |             |              |   |     |         |   |    |                |    |         |   |    |                      |    |              |   |     |   |    |                    |         |             |   |                   |                    |          |             |            |            |          |          |         |              |        |          |         |           |        |          |            |
| Balsam Fir   | High                       | Variable          | Sapling    |            |             |              |   |     |         |   |    |                |    |         |   |    |                      |    |              |   |     |   |    |                    |         |             |   |                   |                    |          |             |            |            |          |          |         |              |        |          |         |           |        |          |            |
| 12   | 4130 - Aspen               | Sapling Medium    | 30.4       | 4          | Immature    | N/A          | Stand was cut in the fall of 2017. Peterson Lake Mix: 107-15. Stand is regenerating back to aspen.  |     |         |   |    |                |    |         |   |    |                      |    |              |   |     |   |    |                    |         |             |   |                   |                    |          |             |            |            |          |          |         |              |        |          |         |           |        |          |            |
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| Canopy Species   | % Cover                    | Size Class        | DBH        | Age        |             |              |   |     |         |   |    |                |    |         |   |    |                      |    |              |   |     |   |    |                    |         |             |   |                   |                    |          |             |            |            |          |          |         |              |        |          |         |           |        |          |            |
| Quaking Aspen  | 100                        | Sapling           | 1          | 4          |             |              |   |     |         |   |    |                |    |         |   |    |                      |    |              |   |     |   |    |                    |         |             |   |                   |                    |          |             |            |            |          |          |         |              |        |          |         |           |        |          |            |
| 13   | 4130 - Aspen               | Sapling Medium    | 9.1        | 4          | Immature    | N/A          | Stand was cut in the fall of 2017. Peterson Lake Mix: 107-15. Stand is regenerating back to aspen.  |     |         |   |    |                |    |         |   |    |                      |    |              |   |     |   |    |                    |         |             |   |                   |                    |          |             |            |            |          |          |         |              |        |          |         |           |        |          |            |
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| Canopy Species   | % Cover                    | Size Class        | DBH        | Age        |             |              |   |     |         |   |    |                |    |         |   |    |                      |    |              |   |     |   |    |                    |         |             |   |                   |                    |          |             |            |            |          |          |         |              |        |          |         |           |        |          |            |
| Quaking Aspen  | 100                        | Sapling           | 1          | 4          |             |              |   |     |         |   |    |                |    |         |   |    |                      |    |              |   |     |   |    |                    |         |             |   |                   |                    |          |             |            |            |          |          |         |              |        |          |         |           |        |          |            |
| 14   | 6120 - Lowland Cedar       | Poletimber Medium | 306.2      | 113        | 51-80       | N/A          | Short, stunted cedar with black spruce, tamarack, balsam fir.   |     |         |   |    |                |    |         |   |    |                      |    |              |   |     |   |    |                    |         |             |   |                   |                    |          |             |            |            |          |          |         |              |        |          |         |           |        |          |            |
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| Canopy Species   | % Cover                    | Size Class        | DBH        | Age        |             |              |   |     |         |   |    |                |    |         |   |    |                      |    |              |   |     |   |    |                    |         |             |   |                   |                    |          |             |            |            |          |          |         |              |        |          |         |           |        |          |            |
| Tamarack   | 12                         | Pole              | 8          |            |             |              |   |     |         |   |    |                |    |         |   |    |                      |    |              |   |     |   |    |                    |         |             |   |                   |                    |          |             |            |            |          |          |         |              |        |          |         |           |        |          |            |
| Black Spruce   | 14                         | Pole              | 7          |            |             |              |   |     |         |   |    |                |    |         |   |    |                      |    |              |   |     |   |    |                    |         |             |   |                   |                    |          |             |            |            |          |          |         |              |        |          |         |           |        |          |            |
| Northern White Cedar   | 62                         | Pole              | 8          | 113        |             |              |   |     |         |   |    |                |    |         |   |    |                      |    |              |   |     |   |    |                    |         |             |   |                   |                    |          |             |            |            |          |          |         |              |        |          |         |           |        |          |            |
| Balsam Fir   | 12                         | Pole              | 7          |            |             |              |   |     |         |   |    |                |    |         |   |    |                      |    |              |   |     |   |    |                    |         |             |   |                   |                    |          |             |            |            |          |          |         |              |        |          |         |           |        |          |            |
| Sub-Canopy Species   | Density                    | Avg. Height       | Size       |            |             |              |   |     |         |   |    |                |    |         |   |    |                      |    |              |   |     |   |    |                    |         |             |   |                   |                    |          |             |            |            |          |          |         |              |        |          |         |           |        |          |            |
| Balsam Fir   | Medium                     | Variable          | Sapling    |            |             |              |   |     |         |   |    |                |    |         |   |    |                      |    |              |   |     |   |    |                    |         |             |   |                   |                    |          |             |            |            |          |          |         |              |        |          |         |           |        |          |            |
| Black Spruce   | Medium                     | Variable          | Sapling    |            |             |              |   |     |         |   |    |                |    |         |   |    |                      |    |              |   |     |   |    |                    |         |             |   |                   |                    |          |             |            |            |          |          |         |              |        |          |         |           |        |          |            |
| Tag Alder  | Medium                     | < 5 feet          | Tall Shrub |            |             |              |   |     |         |   |    |                |    |         |   |    |                      |    |              |   |     |   |    |                    |         |             |   |                   |                    |          |             |            |            |          |          |         |              |        |          |         |           |        |          |            |
| 15   | 4134 - Aspen, Spruce/Fir   | Poletimber Well   | 5.4        | 48         | Unspecified | N/A          | Was commercially cut in 1973-74 by Robert "Topsy" Junak, permit #20/70A. Small island of aspen and fir.   |     |         |   |    |                |    |         |   |    |                      |    |              |   |     |   |    |                    |         |             |   |                   |                    |          |             |            |            |          |          |         |              |        |          |         |           |        |          |            |
| 16   | 623 - Emergent Wetland     | Nonstocked        | 3.2        |            | Unspecified | No           |   |     |         |   |    |                |    |         |   |    |                      |    |              |   |     |   |    |                    |         |             |   |                   |                    |          |             |            |            |          |          |         |              |        |          |         |           |        |          |            |
| 17   | 4134 - Aspen, Spruce/Fir   | Poletimber Poor   | 15.6       | 35         | Unspecified | N/A          | Was commercially cut in 1986-88 under permit #8-85, "Peterson Lake Block", by Milo Palm of Negaunee. Most of the red and white pine were left. Also, care was required to save a significant portion of the advance spruce/fir reproduction.<br>2023 - Stand is now a pole sized aspen stand. |     |         |   |    |                |    |         |   |    |                      |    |              |   |     |   |    |                    |         |             |   |                   |                    |          |             |            |            |          |          |         |              |        |          |         |           |        |          |            |
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| Canopy Species   | % Cover                    | Size Class        | DBH        | Age        |             |              |   |     |         |   |    |                |    |         |   |    |                      |    |              |   |     |   |    |                    |         |             |   |                   |                    |          |             |            |            |          |          |         |              |        |          |         |           |        |          |            |
| Quaking Aspen  | 70                         | Pole              | 7          | 35         |             |              |   |     |         |   |    |                |    |         |   |    |                      |    |              |   |     |   |    |                    |         |             |   |                   |                    |          |             |            |            |          |          |         |              |        |          |         |           |        |          |            |
| Black Spruce   | 10                         | Pole              | 6          | 35         |             |              |   |     |         |   |    |                |    |         |   |    |                      |    |              |   |     |   |    |                    |         |             |   |                   |                    |          |             |            |            |          |          |         |              |        |          |         |           |        |          |            |
| Balsam Fir   | 20                         | Pole/Sapling      | 7          | 35         |             |              |   |     |         |   |    |                |    |         |   |    |                      |    |              |   |     |   |    |                    |         |             |   |                   |                    |          |             |            |            |          |          |         |              |        |          |         |           |        |          |            |
| Sub-Canopy Species   | Density                    | Avg. Height       | Size       |            |             |              |   |     |         |   |    |                |    |         |   |    |                      |    |              |   |     |   |    |                    |         |             |   |                   |                    |          |             |            |            |          |          |         |              |        |          |         |           |        |          |            |
| Quaking Aspen  | Low                        | Variable          | Sapling    |            |             |              |   |     |         |   |    |                |    |         |   |    |                      |    |              |   |     |   |    |                    |         |             |   |                   |                    |          |             |            |            |          |          |         |              |        |          |         |           |        |          |            |
| Balsam Fir   | Medium                     | Variable          | Sapling    |            |             |              |   |     |         |   |    |                |    |         |   |    |                      |    |              |   |     |   |    |                    |         |             |   |                   |                    |          |             |            |            |          |          |         |              |        |          |         |           |        |          |            |
| 18   | 4319 - Mixed Upland Forest | Sapling Poor      | 7.5        | 4          | Immature    | N/A          | Stand was cut in the fall of 2017. Peterson Lake Mix: 107-15. Stand was formerly a fir stand and is slow to regenerate. Some fir and cherry is starting to fill in. Stand will slowly fill in and be fully stocked.   |     |         |   |    |                |    |         |   |    |                      |    |              |   |     |   |    |                    |         |             |   |                   |                    |          |             |            |            |          |          |         |              |        |          |         |           |        |          |            |
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| Canopy Species   | % Cover                    | Size Class        | DBH        | Age        |             |              |   |     |         |   |    |                |    |         |   |    |                      |    |              |   |     |   |    |                    |         |             |   |                   |                    |          |             |            |            |          |          |         |              |        |          |         |           |        |          |            |
| Balsam Fir   | 50                         | Sapling           | 1          | 4          |             |              |   |     |         |   |    |                |    |         |   |    |                      |    |              |   |     |   |    |                    |         |             |   |                   |                    |          |             |            |            |          |          |         |              |        |          |         |           |        |          |            |
| Black Cherry   | 50                         | Sapling           | 1          |            |             |              |   |     |         |   |    |                |    |         |   |    |                      |    |              |   |     |   |    |                    |         |             |   |                   |                    |          |             |            |            |          |          |         |              |        |          |         |           |        |          |            |



| Stand              | Level 4 Cover Type                         | Size Density   | Acres          | Stand Age | BA Range    | Managed Site | General Comments  |               |    |          |    |   |           |    |         |    |    |               |    |         |    |    |  |    |                    |         |             |  |            |                    |          |             |          |               |          |              |         |                   |      |             |            |            |     |              |         |  |  |  |
|--------------------|--|--|----------------|-----------|-------------|--------------|---|---------------|----|----------|----|---|-----------|----|---------|----|----|---------------|----|---------|----|----|--|----|--------------------|---------|-------------|--|------------|--------------------|----------|-------------|----------|---------------|----------|--------------|---------|-------------------|------|-------------|------------|------------|-----|--------------|---------|--|--|--|
| 19                 | 623 - Emergent Wetland                     | Nonstocked   | 4.8            |           | Unspecified | No           |   |               |    |          |    |   |           |    |         |    |    |               |    |         |    |    |  |    |                    |         |             |  |            |                    |          |             |          |               |          |              |         |                   |      |             |            |            |     |              |         |  |  |  |
| 20                 | 500 - Water                                | Nonstocked   | 5.4            |           | Unspecified | No           |   |               |    |          |    |   |           |    |         |    |    |               |    |         |    |    |  |    |                    |         |             |  |            |                    |          |             |          |               |          |              |         |                   |      |             |            |            |     |              |         |  |  |  |
| 21                 | 4130 - Aspen                               | Sapling Well   | 40.0           | 6         | Immature    | N/A          | Stand was cut in the fall of 2017. Peterson Lake Mix: 107-15. Stand has regenerated back to a fully stocked stand of aspen, red maple, and cherry. Scattered mature white pine and red pine exist throughout the stand.   |               |    |          |    |   |           |    |         |    |    |               |    |         |    |    |  |    |                    |         |             |  |            |                    |          |             |          |               |          |              |         |                   |      |             |            |            |     |              |         |  |  |  |
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| Canopy Species     | % Cover                                    | Size Class   | DBH            | Age       |             |              |   |               |    |          |    |   |           |    |         |    |    |               |    |         |    |    |  |    |                    |         |             |  |            |                    |          |             |          |               |          |              |         |                   |      |             |            |            |     |              |         |  |  |  |
| White Pine         | 2  | XLog/Log   | 18             |           |             |              |   |               |    |          |    |   |           |    |         |    |    |               |    |         |    |    |  |    |                    |         |             |  |            |                    |          |             |          |               |          |              |         |                   |      |             |            |            |     |              |         |  |  |  |
| Red Pine           | 2  | Log  | 17             |           |             |              |   |               |    |          |    |   |           |    |         |    |    |               |    |         |    |    |  |    |                    |         |             |  |            |                    |          |             |          |               |          |              |         |                   |      |             |            |            |     |              |         |  |  |  |
| Red Maple          | 5  | Sapling  | 1              |           |             |              |   |               |    |          |    |   |           |    |         |    |    |               |    |         |    |    |  |    |                    |         |             |  |            |                    |          |             |          |               |          |              |         |                   |      |             |            |            |     |              |         |  |  |  |
| Quaking Aspen      | 86   | Sapling  | 1              | 6         |             |              |   |               |    |          |    |   |           |    |         |    |    |               |    |         |    |    |  |    |                    |         |             |  |            |                    |          |             |          |               |          |              |         |                   |      |             |            |            |     |              |         |  |  |  |
| Black Cherry       | 5  | Sapling  | 1              |           |             |              |   |               |    |          |    |   |           |    |         |    |    |               |    |         |    |    |  |    |                    |         |             |  |            |                    |          |             |          |               |          |              |         |                   |      |             |            |            |     |              |         |  |  |  |
| 22                 | 4130 - Aspen                               | Sapling Well   | 30.0           | 6         | Immature    | N/A          | Stand was cut in the fall of 2017. Peterson Lake Mix: 107-15. Stand is now a fully stocked aspen stand with areas of red maple stump sprouts. A few balsam and red pine exist within the understory.  |               |    |          |    |   |           |    |         |    |    |               |    |         |    |    |  |    |                    |         |             |  |            |                    |          |             |          |               |          |              |         |                   |      |             |            |            |     |              |         |  |  |  |
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| Canopy Species     | % Cover                                    | Size Class   | DBH            | Age       |             |              |   |               |    |          |    |   |           |    |         |    |    |               |    |         |    |    |  |    |                    |         |             |  |            |                    |          |             |          |               |          |              |         |                   |      |             |            |            |     |              |         |  |  |  |
| Quaking Aspen      | 85   | Sapling  | 1              | 6         |             |              |   |               |    |          |    |   |           |    |         |    |    |               |    |         |    |    |  |    |                    |         |             |  |            |                    |          |             |          |               |          |              |         |                   |      |             |            |            |     |              |         |  |  |  |
| Red Maple          | 10   | Sapling  | 1              |           |             |              |   |               |    |          |    |   |           |    |         |    |    |               |    |         |    |    |  |    |                    |         |             |  |            |                    |          |             |          |               |          |              |         |                   |      |             |            |            |     |              |         |  |  |  |
| Black Cherry       | 5  | Sapling  | 1              |           |             |              |   |               |    |          |    |   |           |    |         |    |    |               |    |         |    |    |  |    |                    |         |             |  |            |                    |          |             |          |               |          |              |         |                   |      |             |            |            |     |              |         |  |  |  |
| Sub-Canopy Species | Density                                    | Avg. Height  | Size           |           |             |              |   |               |    |          |    |   |           |    |         |    |    |               |    |         |    |    |  |    |                    |         |             |  |            |                    |          |             |          |               |          |              |         |                   |      |             |            |            |     |              |         |  |  |  |
| Balsam Fir         | Low  | < 5 feet   | Sapling        |           |             |              |   |               |    |          |    |   |           |    |         |    |    |               |    |         |    |    |  |    |                    |         |             |  |            |                    |          |             |          |               |          |              |         |                   |      |             |            |            |     |              |         |  |  |  |
| Red Pine           | Low  | < 5 feet   | Sapling        |           |             |              |   |               |    |          |    |   |           |    |         |    |    |               |    |         |    |    |  |    |                    |         |             |  |            |                    |          |             |          |               |          |              |         |                   |      |             |            |            |     |              |         |  |  |  |
| 23                 | 4130 - Aspen                               | Poletimber Well  | 99.5           | 37        | Unspecified | N/A          | Nice young pole stand contains a small island of JP saplings.   |               |    |          |    |   |           |    |         |    |    |               |    |         |    |    |  |    |                    |         |             |  |            |                    |          |             |          |               |          |              |         |                   |      |             |            |            |     |              |         |  |  |  |
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| Canopy Species     | % Cover                                    | Size Class   | DBH            | Age       |             |              |   |               |    |          |    |   |           |    |         |    |    |               |    |         |    |    |  |    |                    |         |             |  |            |                    |          |             |          |               |          |              |         |                   |      |             |            |            |     |              |         |  |  |  |
| Red Pine           | 2  | Log  | 12             |           |             |              |   |               |    |          |    |   |           |    |         |    |    |               |    |         |    |    |  |    |                    |         |             |  |            |                    |          |             |          |               |          |              |         |                   |      |             |            |            |     |              |         |  |  |  |
| Jack Pine          | 2  | Pole   | 7              |           |             |              |   |               |    |          |    |   |           |    |         |    |    |               |    |         |    |    |  |    |                    |         |             |  |            |                    |          |             |          |               |          |              |         |                   |      |             |            |            |     |              |         |  |  |  |
| Quaking Aspen      | 94   | Pole   | 7              | 37        |             |              |   |               |    |          |    |   |           |    |         |    |    |               |    |         |    |    |  |    |                    |         |             |  |            |                    |          |             |          |               |          |              |         |                   |      |             |            |            |     |              |         |  |  |  |
| Red Oak            | 2  | Log  | 13             |           |             |              |   |               |    |          |    |   |           |    |         |    |    |               |    |         |    |    |  |    |                    |         |             |  |            |                    |          |             |          |               |          |              |         |                   |      |             |            |            |     |              |         |  |  |  |
| Sub-Canopy Species | Density                                    | Avg. Height  | Size           |           |             |              |   |               |    |          |    |   |           |    |         |    |    |               |    |         |    |    |  |    |                    |         |             |  |            |                    |          |             |          |               |          |              |         |                   |      |             |            |            |     |              |         |  |  |  |
| Quaking Aspen      | Low  | 10 - 20 feet   | Sapling        |           |             |              |   |               |    |          |    |   |           |    |         |    |    |               |    |         |    |    |  |    |                    |         |             |  |            |                    |          |             |          |               |          |              |         |                   |      |             |            |            |     |              |         |  |  |  |
| Hazelnut (Beaked)  | Low  | < 5 feet   | Tall Shrub     |           |             |              |   |               |    |          |    |   |           |    |         |    |    |               |    |         |    |    |  |    |                    |         |             |  |            |                    |          |             |          |               |          |              |         |                   |      |             |            |            |     |              |         |  |  |  |
| Red Maple          | Low  | 10 - 20 feet   | Sapling        |           |             |              |   |               |    |          |    |   |           |    |         |    |    |               |    |         |    |    |  |    |                    |         |             |  |            |                    |          |             |          |               |          |              |         |                   |      |             |            |            |     |              |         |  |  |  |
| 24                 | 4191 - Mixed Upland Deciduous with Conifer | Sapling Well   | 18.4           | 17        | Immature    | N/A          | Was commercially cut in Fall of 2006 by St. John Forest Products, Inc., under permit # 111-05-01. Some areas contain a higher residual of mature oak, red pine, and white pine while other areas contain only aspen and red maple regeneration. The stand does not contain enough mature trees to have it type out as a mature stand. Manage for aspen and red maple with a higher density of mature trees throughout the stand |               |    |          |    |   |           |    |         |    |    |               |    |         |    |    |  |    |                    |         |             |  |            |                    |          |             |          |               |          |              |         |                   |      |             |            |            |     |              |         |  |  |  |
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| Canopy Species     | % Cover                                    | Size Class   | DBH            | Age       |             |              |   |               |    |          |    |   |           |    |         |    |    |               |    |         |    |    |  |    |                    |         |             |  |            |                    |          |             |          |               |          |              |         |                   |      |             |            |            |     |              |         |  |  |  |
| White Pine         | 15   | Log  | 15             |           |             |              |   |               |    |          |    |   |           |    |         |    |    |               |    |         |    |    |  |    |                    |         |             |  |            |                    |          |             |          |               |          |              |         |                   |      |             |            |            |     |              |         |  |  |  |
| Red Maple          | 46   | Sapling  | 4              | 17        |             |              |   |               |    |          |    |   |           |    |         |    |    |               |    |         |    |    |  |    |                    |         |             |  |            |                    |          |             |          |               |          |              |         |                   |      |             |            |            |     |              |         |  |  |  |
| Red Pine           | 10   | Log  | 16             |           |             |              |   |               |    |          |    |   |           |    |         |    |    |               |    |         |    |    |  |    |                    |         |             |  |            |                    |          |             |          |               |          |              |         |                   |      |             |            |            |     |              |         |  |  |  |
| Red Oak            | 10   | Log  | 15             |           |             |              |   |               |    |          |    |   |           |    |         |    |    |               |    |         |    |    |  |    |                    |         |             |  |            |                    |          |             |          |               |          |              |         |                   |      |             |            |            |     |              |         |  |  |  |
| Sub-Canopy Species | Density                                    | Avg. Height  | Size           |           |             |              |   |               |    |          |    |   |           |    |         |    |    |               |    |         |    |    |  |    |                    |         |             |  |            |                    |          |             |          |               |          |              |         |                   |      |             |            |            |     |              |         |  |  |  |
| Quaking Aspen      | Medium                                     | 5 - 10 feet  | Sapling        |           |             |              |   |               |    |          |    |   |           |    |         |    |    |               |    |         |    |    |  |    |                    |         |             |  |            |                    |          |             |          |               |          |              |         |                   |      |             |            |            |     |              |         |  |  |  |
| Red Maple          | High                                       | 5 - 10 feet  | Sapling        |           |             |              |   |               |    |          |    |   |           |    |         |    |    |               |    |         |    |    |  |    |                    |         |             |  |            |                    |          |             |          |               |          |              |         |                   |      |             |            |            |     |              |         |  |  |  |
| White Pine         | Low  | 5 - 10 feet  | Sapling        |           |             |              |   |               |    |          |    |   |           |    |         |    |    |               |    |         |    |    |  |    |                    |         |             |  |            |                    |          |             |          |               |          |              |         |                   |      |             |            |            |     |              |         |  |  |  |
| 25                 | 6239 - Mixed Emergent Wetland              | Nonstocked   | 2.2            |           | Unspecified | No           |   |               |    |          |    |   |           |    |         |    |    |               |    |         |    |    |  |    |                    |         |             |  |            |                    |          |             |          |               |          |              |         |                   |      |             |            |            |     |              |         |  |  |  |





| Stand  | Level 4 Cover Type            | Size Density     | Acres      | Stand Age  | BA Range    | Managed Site | General Comments   |               |     |              |    |    |               |    |         |    |    |            |    |          |    |    |   |   |                    |         |             |   |            |                    |          |             |          |                   |              |          |               |            |             |          |           |               |              |             |         |          |     |          |         |  |  |
|--|-------------------------------|------------------|------------|------------|-------------|--------------|--|---------------|-----|--------------|----|----|---------------|----|---------|----|----|------------|----|----------|----|----|---|---|--------------------|---------|-------------|---|------------|--------------------|----------|-------------|----------|-------------------|--------------|----------|---------------|------------|-------------|----------|-----------|---------------|--------------|-------------|---------|----------|-----|----------|---------|--|--|
| 26   | 4123 - Red Oak                | Sawtimber Medium | 22.8       | 80         | 1-50        | N/A          | Stand was cut in the fall of 2017. Peterson Lake Mix: 107-15. Scattered red oak left throughout the stand. The understory has a fair amount of 2-3' of red pine regenerating within it, especially on the east side. With the amount of oak that was cut during the harvest I thought there would be oak stump sprouts but I do not see any. Also, during harvesting there was very good scarification. I am assuming the adjacent red pine had a good seed year which coincided with the harvesting of this stand. The end result is good red pine regeneration.  |               |     |              |    |    |               |    |         |    |    |            |    |          |    |    |   |   |                    |         |             |   |            |                    |          |             |          |                   |              |          |               |            |             |          |           |               |              |             |         |          |     |          |         |  |  |
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| Canopy Species   | % Cover                       | Size Class       | DBH        | Age        |             |              |  |               |     |              |    |    |               |    |         |    |    |            |    |          |    |    |   |   |                    |         |             |   |            |                    |          |             |          |                   |              |          |               |            |             |          |           |               |              |             |         |          |     |          |         |  |  |
| Red Oak  | 100                           | Log/Pole         | 12         | 80         |             |              |  |               |     |              |    |    |               |    |         |    |    |            |    |          |    |    |   |   |                    |         |             |   |            |                    |          |             |          |                   |              |          |               |            |             |          |           |               |              |             |         |          |     |          |         |  |  |
| 27   | 4130 - Aspen                  | Sapling Well     | 62.1       | 28         | Unspecified | N/A          | Comm. cut summer/fall of 1995, permit # 9-95, Holli Forest Products. "Cranberry Aspen Block". Aspen regeneration is doing well and fully stocked. Scattered mature red oak, red pine, and white pine exists.   |               |     |              |    |    |               |    |         |    |    |            |    |          |    |    |   |   |                    |         |             |   |            |                    |          |             |          |                   |              |          |               |            |             |          |           |               |              |             |         |          |     |          |         |  |  |
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| Canopy Species   | % Cover                       | Size Class       | DBH        | Age        |             |              |  |               |     |              |    |    |               |    |         |    |    |            |    |          |    |    |   |   |                    |         |             |   |            |                    |          |             |          |                   |              |          |               |            |             |          |           |               |              |             |         |          |     |          |         |  |  |
| Red Oak  | 10                            | Log              | 15         |            |             |              |  |               |     |              |    |    |               |    |         |    |    |            |    |          |    |    |   |   |                    |         |             |   |            |                    |          |             |          |                   |              |          |               |            |             |          |           |               |              |             |         |          |     |          |         |  |  |
| Quaking Aspen  | 80                            | Sapling          | 3          | 28         |             |              |  |               |     |              |    |    |               |    |         |    |    |            |    |          |    |    |   |   |                    |         |             |   |            |                    |          |             |          |                   |              |          |               |            |             |          |           |               |              |             |         |          |     |          |         |  |  |
| White Pine   | 5                             | Log              | 17         |            |             |              |  |               |     |              |    |    |               |    |         |    |    |            |    |          |    |    |   |   |                    |         |             |   |            |                    |          |             |          |                   |              |          |               |            |             |          |           |               |              |             |         |          |     |          |         |  |  |
| Red Pine   | 5                             | Log              | 16         |            |             |              |  |               |     |              |    |    |               |    |         |    |    |            |    |          |    |    |   |   |                    |         |             |   |            |                    |          |             |          |                   |              |          |               |            |             |          |           |               |              |             |         |          |     |          |         |  |  |
| Sub-Canopy Species   | Density                       | Avg. Height      | Size       |            |             |              |  |               |     |              |    |    |               |    |         |    |    |            |    |          |    |    |   |   |                    |         |             |   |            |                    |          |             |          |                   |              |          |               |            |             |          |           |               |              |             |         |          |     |          |         |  |  |
| Hazelnut (Beaked)  | Low                           | < 5 feet         | Tall Shrub |            |             |              |  |               |     |              |    |    |               |    |         |    |    |            |    |          |    |    |   |   |                    |         |             |   |            |                    |          |             |          |                   |              |          |               |            |             |          |           |               |              |             |         |          |     |          |         |  |  |
| 28   | 4123 - Red Oak                | Sawtimber Medium | 51.8       | 80         | 1-50        | N/A          | Was commercially cut in Nov 2006 by St.John Forest Products, Inc. (Farrell Bros. From Crystal Falls - jobber. A tree length operation), under permit # 111-05-01, "Cranberry Lake Aspen Sale". Access was from southwest using an older bermed road from a previous sale and extending it into the sale. Reserve trees were all oak, cherry, spruce, and fir, plus all unmarked red & white pine. I believe we left all of the pine in this unit. From our cruise, there was 28 sq.ft/acre of oak, 5 sq.ft/A of red pine, & 2 sq.ft/A of white pine in Feb 2005. Rolling, rocky, most regeneration is red maple and aspen. Trace of red maple and white birch. |               |     |              |    |    |               |    |         |    |    |            |    |          |    |    |   |   |                    |         |             |   |            |                    |          |             |          |                   |              |          |               |            |             |          |           |               |              |             |         |          |     |          |         |  |  |
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| Canopy Species   | % Cover                       | Size Class       | DBH        | Age        |             |              |  |               |     |              |    |    |               |    |         |    |    |            |    |          |    |    |   |   |                    |         |             |   |            |                    |          |             |          |                   |              |          |               |            |             |          |           |               |              |             |         |          |     |          |         |  |  |
| Red Pine   | 10                            | Log              | 12         |            |             |              |  |               |     |              |    |    |               |    |         |    |    |            |    |          |    |    |   |   |                    |         |             |   |            |                    |          |             |          |                   |              |          |               |            |             |          |           |               |              |             |         |          |     |          |         |  |  |
| White Pine   | 10                            | Log              | 12         |            |             |              |  |               |     |              |    |    |               |    |         |    |    |            |    |          |    |    |   |   |                    |         |             |   |            |                    |          |             |          |                   |              |          |               |            |             |          |           |               |              |             |         |          |     |          |         |  |  |
| Red Oak  | 80                            | Log              | 13         | 80         |             |              |  |               |     |              |    |    |               |    |         |    |    |            |    |          |    |    |   |   |                    |         |             |   |            |                    |          |             |          |                   |              |          |               |            |             |          |           |               |              |             |         |          |     |          |         |  |  |
| Sub-Canopy Species   | Density                       | Avg. Height      | Size       |            |             |              |  |               |     |              |    |    |               |    |         |    |    |            |    |          |    |    |   |   |                    |         |             |   |            |                    |          |             |          |                   |              |          |               |            |             |          |           |               |              |             |         |          |     |          |         |  |  |
| White Pine   | Low                           | Variable         | Sapling    |            |             |              |  |               |     |              |    |    |               |    |         |    |    |            |    |          |    |    |   |   |                    |         |             |   |            |                    |          |             |          |                   |              |          |               |            |             |          |           |               |              |             |         |          |     |          |         |  |  |
| Red Pine   | Low                           | 10 - 20 feet     | Sapling    |            |             |              |  |               |     |              |    |    |               |    |         |    |    |            |    |          |    |    |   |   |                    |         |             |   |            |                    |          |             |          |                   |              |          |               |            |             |          |           |               |              |             |         |          |     |          |         |  |  |
| Quaking Aspen  | Medium                        | 5 - 10 feet      | Sapling    |            |             |              |  |               |     |              |    |    |               |    |         |    |    |            |    |          |    |    |   |   |                    |         |             |   |            |                    |          |             |          |                   |              |          |               |            |             |          |           |               |              |             |         |          |     |          |         |  |  |
| Red Maple  | Medium                        | 10 - 20 feet     | Sapling    |            |             |              |  |               |     |              |    |    |               |    |         |    |    |            |    |          |    |    |   |   |                    |         |             |   |            |                    |          |             |          |                   |              |          |               |            |             |          |           |               |              |             |         |          |     |          |         |  |  |
| 30   | 623 - Emergent Wetland        | Nonstocked       | 2.8        |            | Unspecified | No           |  |               |     |              |    |    |               |    |         |    |    |            |    |          |    |    |   |   |                    |         |             |   |            |                    |          |             |          |                   |              |          |               |            |             |          |           |               |              |             |         |          |     |          |         |  |  |
| 31   | 623 - Emergent Wetland        | Nonstocked       | 6.9        |            | Unspecified | No           |  |               |     |              |    |    |               |    |         |    |    |            |    |          |    |    |   |   |                    |         |             |   |            |                    |          |             |          |                   |              |          |               |            |             |          |           |               |              |             |         |          |     |          |         |  |  |
| 32   | 500 - Water                   | Nonstocked       | 4.0        |            | Unspecified | No           |  |               |     |              |    |    |               |    |         |    |    |            |    |          |    |    |   |   |                    |         |             |   |            |                    |          |             |          |                   |              |          |               |            |             |          |           |               |              |             |         |          |     |          |         |  |  |
| 33   | 623 - Emergent Wetland        | Nonstocked       | 2.0        |            | Unspecified | No           |  |               |     |              |    |    |               |    |         |    |    |            |    |          |    |    |   |   |                    |         |             |   |            |                    |          |             |          |                   |              |          |               |            |             |          |           |               |              |             |         |          |     |          |         |  |  |
| 34   | 6239 - Mixed Emergent Wetland | Nonstocked       | 4.4        |            | Unspecified | No           |  |               |     |              |    |    |               |    |         |    |    |            |    |          |    |    |   |   |                    |         |             |   |            |                    |          |             |          |                   |              |          |               |            |             |          |           |               |              |             |         |          |     |          |         |  |  |
| 35   | 4130 - Aspen                  | Poletimber Well  | 113.5      | 33         | 1-50        | N/A          | Was commercially cut in 1988-89 under permit #15-85 , "Cranberry Lake Block", cut by Nickels Logging of Norway. Oak were marked with green paint to save, approx. 5 oak per acre. Stand has just started to grow into the pole size. Aspen is healthy. Scattered red pine poles within pockets.  |               |     |              |    |    |               |    |         |    |    |            |    |          |    |    |   |   |                    |         |             |   |            |                    |          |             |          |                   |              |          |               |            |             |          |           |               |              |             |         |          |     |          |         |  |  |
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| Canopy Species   | % Cover                       | Size Class       | DBH        | Age        |             |              |  |               |     |              |    |    |               |    |         |    |    |            |    |          |    |    |   |   |                    |         |             |   |            |                    |          |             |          |                   |              |          |               |            |             |          |           |               |              |             |         |          |     |          |         |  |  |
| Quaking Aspen  | 86                            | Pole/Sapling     | 6          | 33         |             |              |  |               |     |              |    |    |               |    |         |    |    |            |    |          |    |    |   |   |                    |         |             |   |            |                    |          |             |          |                   |              |          |               |            |             |          |           |               |              |             |         |          |     |          |         |  |  |
| Red Pine   | 7                             | Pole             | 8          |            |             |              |  |               |     |              |    |    |               |    |         |    |    |            |    |          |    |    |   |   |                    |         |             |   |            |                    |          |             |          |                   |              |          |               |            |             |          |           |               |              |             |         |          |     |          |         |  |  |
| Red Oak  | 2                             | Log/Pole         | 15         |            |             |              |  |               |     |              |    |    |               |    |         |    |    |            |    |          |    |    |   |   |                    |         |             |   |            |                    |          |             |          |                   |              |          |               |            |             |          |           |               |              |             |         |          |     |          |         |  |  |
| Red Maple  | 5                             | Sapling/Pole     | 3          |            |             |              |  |               |     |              |    |    |               |    |         |    |    |            |    |          |    |    |   |   |                    |         |             |   |            |                    |          |             |          |                   |              |          |               |            |             |          |           |               |              |             |         |          |     |          |         |  |  |
| Sub-Canopy Species   | Density                       | Avg. Height      | Size       |            |             |              |  |               |     |              |    |    |               |    |         |    |    |            |    |          |    |    |   |   |                    |         |             |   |            |                    |          |             |          |                   |              |          |               |            |             |          |           |               |              |             |         |          |     |          |         |  |  |
| White Spruce   | Low                           | < 5 feet         | Sapling    |            |             |              |  |               |     |              |    |    |               |    |         |    |    |            |    |          |    |    |   |   |                    |         |             |   |            |                    |          |             |          |                   |              |          |               |            |             |          |           |               |              |             |         |          |     |          |         |  |  |
| White Pine   | Low                           | Variable         | Sapling    |            |             |              |  |               |     |              |    |    |               |    |         |    |    |            |    |          |    |    |   |   |                    |         |             |   |            |                    |          |             |          |                   |              |          |               |            |             |          |           |               |              |             |         |          |     |          |         |  |  |
| Cherry (spp.)  | Low                           | 5 - 10 feet      | Sapling    |            |             |              |  |               |     |              |    |    |               |    |         |    |    |            |    |          |    |    |   |   |                    |         |             |   |            |                    |          |             |          |                   |              |          |               |            |             |          |           |               |              |             |         |          |     |          |         |  |  |
| Red Pine   | Low                           | Variable         | Sapling    |            |             |              |  |               |     |              |    |    |               |    |         |    |    |            |    |          |    |    |   |   |                    |         |             |   |            |                    |          |             |          |                   |              |          |               |            |             |          |           |               |              |             |         |          |     |          |         |  |  |



| Stand  | Level 4 Cover Type         | Size Density    | Acres   | Stand Age  | BA Range    | Managed Site | General Comments   |           |              |              |    |   |            |                    |              |             |               |               |      |              |         |  |  |                    |                    |             |             |          |            |          |          |            |     |          |         |
|--|----------------------------|-----------------|---------|------------|-------------|--------------|--|-----------|--------------|--------------|----|---|------------|--------------------|--------------|-------------|---------------|---------------|------|--------------|---------|--|--|--------------------|--------------------|-------------|-------------|----------|------------|----------|----------|------------|-----|----------|---------|
| 36   | 622 - Lowland Shrub        | Nonstocked      | 7.6     | 0          | Unspecified | No           | Stand is mostly flooded out due to a high water table.   |           |              |              |    |   |            |                    |              |             |               |               |      |              |         |  |  |                    |                    |             |             |          |            |          |          |            |     |          |         |
| 37   | 4134 - Aspen, Spruce/Fir   | Poletimber Well | 12.3    | 36         | 51-80       | N/A          | Stand was cut in 1988. Inventory did not pick up this stand during the last inventory cycle. Stand was excluded from adjacent cut. Peterson Lk. Mix-107-15. Stand consists of a mix of aspen and balsam of decent quality. Hold for 10 years and manage with stand 17. |           |              |              |    |   |            |                    |              |             |               |               |      |              |         |  |  |                    |                    |             |             |          |            |          |          |            |     |          |         |
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| Canopy Species   | % Cover                    | Size Class      | DBH     | Age        |             |              |  |           |              |              |    |   |            |                    |              |             |               |               |      |              |         |  |  |                    |                    |             |             |          |            |          |          |            |     |          |         |
| Red Maple  | 5                          | Sapling/Pole    | 4       |            |             |              |  |           |              |              |    |   |            |                    |              |             |               |               |      |              |         |  |  |                    |                    |             |             |          |            |          |          |            |     |          |         |
| Balsam Fir   | 40                         | Pole/Sapling    | 5       |            |             |              |  |           |              |              |    |   |            |                    |              |             |               |               |      |              |         |  |  |                    |                    |             |             |          |            |          |          |            |     |          |         |
| Quaking Aspen  | 55                         | Pole/Sapling    | 5       | 36         |             |              |  |           |              |              |    |   |            |                    |              |             |               |               |      |              |         |  |  |                    |                    |             |             |          |            |          |          |            |     |          |         |
| Sub-Canopy Species   | Density                    | Avg. Height     | Size    |            |             |              |  |           |              |              |    |   |            |                    |              |             |               |               |      |              |         |  |  |                    |                    |             |             |          |            |          |          |            |     |          |         |
| Balsam Fir   | Medium                     | Variable        | Sapling |            |             |              |  |           |              |              |    |   |            |                    |              |             |               |               |      |              |         |  |  |                    |                    |             |             |          |            |          |          |            |     |          |         |
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| Canopy Species   | % Cover                    | Size Class      | DBH     | Age        |             |              |  |           |              |              |    |   |            |                    |              |             |               |               |      |              |         |  |  |                    |                    |             |             |          |            |          |          |            |     |          |         |
| Quaking Aspen  | 100                        | Sapling/Pole    | 4       | 18         |             |              |  |           |              |              |    |   |            |                    |              |             |               |               |      |              |         |  |  |                    |                    |             |             |          |            |          |          |            |     |          |         |
| Sub-Canopy Species   | Density                    | Avg. Height     | Size    |            |             |              |  |           |              |              |    |   |            |                    |              |             |               |               |      |              |         |  |  |                    |                    |             |             |          |            |          |          |            |     |          |         |
| Balsam Fir   | Low                        | Variable        | Sapling |            |             |              |  |           |              |              |    |   |            |                    |              |             |               |               |      |              |         |  |  |                    |                    |             |             |          |            |          |          |            |     |          |         |
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| Canopy Species   | % Cover                    | Size Class      | DBH     | Age        |             |              |  |           |              |              |    |   |            |                    |              |             |               |               |      |              |         |  |  |                    |                    |             |             |          |            |          |          |            |     |          |         |
| Black Cherry   | 5                          | Pole            | 7       |            |             |              |  |           |              |              |    |   |            |                    |              |             |               |               |      |              |         |  |  |                    |                    |             |             |          |            |          |          |            |     |          |         |
| Red Maple  | 10                         | Pole            | 7       |            |             |              |  |           |              |              |    |   |            |                    |              |             |               |               |      |              |         |  |  |                    |                    |             |             |          |            |          |          |            |     |          |         |
| Quaking Aspen  | 85                         | Pole            | 7       | 40         |             |              |  |           |              |              |    |   |            |                    |              |             |               |               |      |              |         |  |  |                    |                    |             |             |          |            |          |          |            |     |          |         |
| Sub-Canopy Species   | Density                    | Avg. Height     | Size    |            |             |              |  |           |              |              |    |   |            |                    |              |             |               |               |      |              |         |  |  |                    |                    |             |             |          |            |          |          |            |     |          |         |
| Red Pine   | Low                        | < 5 feet        | Sapling |            |             |              |  |           |              |              |    |   |            |                    |              |             |               |               |      |              |         |  |  |                    |                    |             |             |          |            |          |          |            |     |          |         |
| Balsam Fir   | Low                        | < 5 feet        | Sapling |            |             |              |  |           |              |              |    |   |            |                    |              |             |               |               |      |              |         |  |  |                    |                    |             |             |          |            |          |          |            |     |          |         |
| 38   | 4130 - Aspen               | Sapling Well    | 9.2     | 18         | Immature    | N/A          | Stand was cut in 2006. Stand consists of healthy aspen nearing the pole size class.  |           |              |              |    |   |            |                    |              |             |               |               |      |              |         |  |  |                    |                    |             |             |          |            |          |          |            |     |          |         |
| 39   | 4319 - Mixed Upland Forest | Poletimber Well | 3.7     | 35         | 51-80       | N/A          | Stand was harvested in 1989.   |           |              |              |    |   |            |                    |              |             |               |               |      |              |         |  |  |                    |                    |             |             |          |            |          |          |            |     |          |         |
| 40   | 500 - Water                | Nonstocked      | 2.3     | 0          | Unspecified | No           | Vernal pond that holds water during the spring and fall seasons.   |           |              |              |    |   |            |                    |              |             |               |               |      |              |         |  |  |                    |                    |             |             |          |            |          |          |            |     |          |         |
| 43   | 4130 - Aspen               | Poletimber Well | 6.0     | 40         | 51-80       | N/A          | Stand was cut in the fall of 2017. Peterson Lake Mix: 107-15. Stand is now a fully stocked aspen stand with areas of red maple stump sprouts. A few balsam and red pine exist within the understory.   |           |              |              |    |   |            |                    |              |             |               |               |      |              |         |  |  |                    |                    |             |             |          |            |          |          |            |     |          |         |
| 46   | 6233 - Wet Meadow          | Nonstocked      | 0.6     | 0          | Unspecified | No           | Wet depression.  |           |              |              |    |   |            |                    |              |             |               |               |      |              |         |  |  |                    |                    |             |             |          |            |          |          |            |     |          |         |