



# Compartment Review Presentation

Sault Ste. Marie Forest Management Unit

Compartment 45158

Entry Year 2024

Acreage: 2,146

County Mackinac

Management Area: St. Ignace Lake Plain

**Stand Examiner:** Amy Livermore

## Legal Description:

Hudson Township T44N-R8W, Sections 33 – 35; T43N-R8W, Section 2

## Identified Planning Goals:

The compartment is located in Garnet. Many of red pine, aspen and hardwood stands were treated within the last decade. The red pine stands which were not treated last decade will have final harvests this entry to allow facilitation of new plantations. The hardwood stands not treated in the last twenty years will be harvested by a thinning and selection harvests.

## Soil and topography:

The terrain is level to rolling with a few short ridges and rock at the surface or near the surface. The soils in the upland area is primarily Springlake loam course sand, Batty Doe fine sandy loam, Longrie-Batty Doe, stony complex, GuardLake fine sandy loam, Greylock fine sandy loam, Wallace sand, Alcona fine sandy loam, Heinz sandy loam, Wallace-Alcona complex, Ingalls fine sand, Batty Doe, stony-Wallace complex, Solona loam. The transition zone and in the lowland, the soils are primarily Paquin- Finch complex, Spot-Finch complex, Markey and Carbondale muck, Dawson and Loxley peats, Spot mucks, Beavertail muck and Histosols and Aquests, ponded.

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

The village of Garnet is within and surrounds the compartment. Within Section 33 is 46 acres of private lands with small tracts. Section 35 has 240 acres of private lands and Section 2 has 120 acres of private land. North of the compartment, the adjoining land is in state ownership. One private 40 adjoins the east side of the compartment in Section 35. Section 2 has state ownership surrounding the 3 sides outside of the compartment. South of Section 34 is all state ownership except for the Hudson Township parcel. The Hudson Township parcel is the Hudson Township Volunteer Fire Hall and recreation site. Section 33 has private ownership along the south line and on west line one private 40 adjoins to the south west with the rest in state ownership.

## Unique Natural Features:

There is a potential for Red Shouldered Hawks and Goshawks in the hardwood, red pine and aspen stands in the compartment. There is a potential for many plants and animal species to be present in the mesic and wetland types and in the ecotone between the hardwood and cedar types. Walking fern has been found in the area. Archeological, Historical, and Cultural Features: None known at this time.

## Archeological, Historical, and Cultural Features:

The old Rexton Airport is located in Section 2 with the wind sock circle still on the ground. The airstrip is unusable because of the Jack Pine and other trees which have grown in to area. The area has been prescribed to do opening maintenance to eliminate the jack pine regeneration on the old airstrip. Old logging camps are found within the compartment. The Canadian National tracks run east and west through the lower quarter of Sections 33, 34 and 35. Stand 67 is a Daughters of the American Revolution plantation planted in 1930. A stone with a plaque and DNR sign can be viewed along the H-40 Hiawatha Trail. The stand was thinned last decade and more trees removed along the road to allow for the sun to melt off the road in the winter.

## Special Management Designations or Considerations:

Boulders within the stands to be treated will be checked for walking fern and appropriate measures will be taken to protect it. Thornapple, apple, juneberry, and cherry trees will be retained in all the red pine stands to be thinned. The stands treated with the ORV trail running through them will have cutting specifications to maintain the trail brush free, not to remove the trail marker trees and place signs to warn ORV riders of harvesting operations. Trees cut along the Dollar Lake Road snowmobile trail will have the stumps cut to ground level or removed within 10 feet of the trail to eliminate the hazard.

## Watershed and Fisheries Considerations:

This compartment contains a series of unnamed waterbodies including Crawfin Lake. 100' plus 5' per 1% increase in slope; buffers are recommended for these unnamed waterbodies and Crawfin Lake to protect shoreline areas in accordance with Best Management Practices.

## **Wildlife Habitat Considerations:**

Compartment 158 is part of the Mackinac Mix Management Area where featured wildlife species include black bear, pileated woodpecker, ruffed grouse, snowshoe hare, and white-tailed deer. It contains a mix of northern hardwoods, aspen, and lowlands. Most of the northern hardwoods are part of the Dollar Lake Dedicated Habitat Area (DHA), which is to be managed as upland deciduous forest interior core habitat for red-shouldered hawk, walking fern, and black throated blue warblers. Any red-shouldered hawk nesting areas and areas where walking fern is identified will be protected, and the DHA will be managed for the intended purpose. The state-threatened walking fern (*Asplenium rhizophyllum*) has been found within this compartment. Any occurrence of this species will be buffered appropriately, and nearby management practices adjusted accordingly. Boulders that may not have T&E species identified on them currently, should still be protected/buffered to promote environments that encourage and promote growth of rare species on those large boulders.

Other common stand types in the compartment include Red Pine, aspen, lowlands (including a small patch of cedar), and mixed stands. Aspen stands vary in age, providing habitat for a variety of species ranging from ruffed grouse to pileated woodpeckers and other birds. Hard and soft mast sources as well as various stand types across the compartment provide habitat for black bear. Cherry and other mast producers, like healthy beech trees, will be encouraged during treatments to benefit wildlife as food sources, future cavity trees and coarse woody debris. Snags and coarse woody debris should be left during harvest in hardwood stands. In pine stands, a representation of mature trees should remain after final harvested stands, and hardwoods and other nontarget species should be left where possible to maintain diversity and encourage wildlife use. Wetlands will be buffered to maintain wetland integrity. Use by wildlife species including white-tailed deer, black bear, pileated woodpecker, hawks, ruffed grouse, American marten, and numerous neotropical migratory birds (such as warblers) will be encouraged from these activities.

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

Surface sediments consist of lacustrine (lake) sand and gravel and coarse-textured glacial till. The glacial drift thickness varies between 10 and 50 feet. The Silurian Engadine and Manistique Groups subcrop below the glacial drift. The Engadine is quarried for stone/limestone elsewhere in the UP. The Dollar Lake pit is located one mile to the north and there appears to be good gravel potential. There is no economic oil and gas production in the UP.

## **Vehicle Access:**

The vehicular access into the compartment is very good. Borgstrom Road runs along the west side which is a paved county maintained road. H-40 Hiawatha Trail is a paved county maintained road providing access into all sections within the compartment. Little Dollar Lake Road is a good gravel county maintained road and the Airport Road is a good dirt county maintained road. Dollar Lake Road and Crawfin Lake Road are poor dirt state maintained roads. The other roads are poor dirt roads with little maintenance except for when harvesting occurs. All new harvest roads will be blocked off after the completion of hauling from the timber sale.

## **Survey Needs:**

Potential need around private in T44N R8W, Sections 33 & 34.

## **Recreational Facilities and Opportunities:**

The snowmobile trail runs down the Dollar Lake Road from the Borgstrom Road east across the Streeter Road to the Hurd Road. The ORV trail runs from the Streeter Road all over in Section 35 to north out of the compartment in the northeast corner of Section 34. The other activities in the area are hunting, trapping, mushroom, leek, and berry picking, bird watching, firewood collection, and sightseeing.

## **Fire Protection:**

The fire potential is moderate to high with amount of wildland and urban interface in this compartment. The hardwood stands do have a lower potential for higher intensity fire. The red pine plantations do have a potential for a more intense fire. The amount of activity within the compartment should allow for the quick discovery of a start. The Hudson Township Volunteer Fire Department Hall is across the road from the center of the compartment. The proximity of the fire hall should provide a quick response time to a fire.

## **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**

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          | 29         | 0        | 38         | 118        | 0         | 0         | 0        | 0         | 0          | 0         | 0         | 0        | 0        | 0        | 0         | 0        | 0           | 185         |
| Bog                    | 2          | 0          | 0        | 0          | 0          | 0         | 0         | 0        | 0         | 0          | 0         | 0         | 0        | 0        | 0        | 0         | 0        | 0           | 2           |
| Cedar                  | 0          | 0          | 0        | 0          | 0          | 0         | 0         | 0        | 0         | 0          | 0         | 0         | 0        | 4        | 50       | 0         | 0        | 0           | 54          |
| Herbaceous Openland    | 139        | 0          | 0        | 0          | 0          | 0         | 0         | 0        | 0         | 0          | 0         | 0         | 0        | 0        | 0        | 0         | 0        | 0           | 138         |
| Jack Pine              | 0          | 0          | 0        | 0          | 0          | 2         | 0         | 0        | 0         | 0          | 0         | 0         | 0        | 0        | 0        | 0         | 0        | 0           | 2           |
| Low-Density Trees      | 79         | 0          | 0        | 0          | 0          | 0         | 0         | 0        | 0         | 0          | 0         | 0         | 0        | 0        | 0        | 0         | 0        | 0           | 79          |
| Lowland Shrub          | 16         | 0          | 0        | 0          | 0          | 0         | 0         | 0        | 0         | 0          | 0         | 0         | 0        | 0        | 0        | 0         | 0        | 0           | 16          |
| Marsh                  | 10         | 0          | 0        | 0          | 0          | 0         | 0         | 0        | 0         | 0          | 0         | 0         | 0        | 0        | 0        | 0         | 0        | 0           | 10          |
| Mixed Upland Deciduous | 0          | 0          | 0        | 0          | 35         | 71        | 31        | 0        | 0         | 0          | 0         | 0         | 0        | 0        | 0        | 0         | 0        | 0           | 137         |
| Natural Mixed Pines    | 0          | 0          | 0        | 0          | 2          | 0         | 0         | 0        | 0         | 0          | 0         | 0         | 0        | 0        | 0        | 0         | 0        | 0           | 2           |
| Northern Hardwood      | 0          | 0          | 0        | 15         | 21         | 0         | 0         | 2        | 0         | 27         | 31        | 33        | 0        | 0        | 0        | 0         | 0        | 771         | 900         |
| Red Pine               | 0          | 103        | 0        | 151        | 0          | 0         | 0         | 0        | 35        | 151        | 19        | 0         | 0        | 0        | 0        | 0         | 0        | 0           | 459         |
| Upland Mixed Forest    | 0          | 0          | 0        | 51         | 29         | 0         | 0         | 0        | 0         | 0          | 0         | 0         | 0        | 0        | 0        | 0         | 0        | 0           | 80          |
| Upland Shrub           | 46         | 0          | 0        | 0          | 0          | 0         | 0         | 0        | 0         | 0          | 0         | 0         | 0        | 0        | 0        | 0         | 0        | 0           | 46          |
| Urban                  | 19         | 0          | 0        | 0          | 0          | 0         | 0         | 0        | 0         | 0          | 0         | 0         | 0        | 0        | 0        | 0         | 0        | 0           | 18          |
| Water                  | 20         | 0          | 0        | 0          | 0          | 0         | 0         | 0        | 0         | 0          | 0         | 0         | 0        | 0        | 0        | 0         | 0        | 0           | 20          |
| <b>Total</b>           | <b>331</b> | <b>132</b> | <b>0</b> | <b>255</b> | <b>205</b> | <b>73</b> | <b>31</b> | <b>2</b> | <b>35</b> | <b>178</b> | <b>50</b> | <b>33</b> | <b>0</b> | <b>0</b> | <b>4</b> | <b>50</b> | <b>0</b> | <b>771</b>  | <b>2148</b> |



## Report 2 – Treatment Summary

Sault Ste. Marie Mgt. Unit  
Year of Entry: 2024

Acres of Harvest

Compartment 158  
Total Compartment Acres: 2,146

Commercial Harvest - 548  
Harvests with Site Condition - 0  
Next Step Harvest - 0  
Habitat Cut - 0

### Cover Type by Harvest Method

|                        | Clearcut   | Selection  | Patch Clearcut | Seed Tree | Shelterwood | Thinning | Overstory Removal | Salvage  | Other    | Total Acres |
|------------------------|------------|------------|----------------|-----------|-------------|----------|-------------------|----------|----------|-------------|
| Mixed Upland Deciduous | 0          | 0          | 0              | 0         | 31          | 0        | 0                 | 0        | 0        | 31          |
| Northern Hardwood      | 0          | 363        | 0              | 0         | 0           | 0        | 0                 | 0        | 0        | 363         |
| Red Pine               | 147        | 0          | 0              | 0         | 0           | 0        | 8                 | 0        | 0        | 155         |
| <b>Total</b>           | <b>147</b> | <b>363</b> | <b>0</b>       | <b>0</b>  | <b>31</b>   | <b>0</b> | <b>8</b>          | <b>0</b> | <b>0</b> | <b>548</b>  |

### Proposed and Next Step Treatments by Method

|              | Harvest    | Site Prep  | Planting   | Seeding  | Burning    | Pesticide  | Monitoring | Other      | Non-Forest Mgt. | Total Acres |
|--------------|------------|------------|------------|----------|------------|------------|------------|------------|-----------------|-------------|
| Current      | 548        | 0          | 0          | 0        | 0          | 106        | 68         | 77         | 31              | 830         |
| Next Step    | 0          | 273        | 193        | 0        | 137        | 637        | 931        | 75         | 0               | 2246        |
| <b>Total</b> | <b>548</b> | <b>273</b> | <b>193</b> | <b>0</b> | <b>137</b> | <b>743</b> | <b>999</b> | <b>152</b> | <b>31</b>       | <b>3076</b> |



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

**Proposed Treatments:**

|   |                |      |                          |                |    |          |         |          |                         |           |    |
|---|----------------|------|--------------------------|----------------|----|----------|---------|----------|-------------------------|-----------|----|
| 26  | 45148026-Cut   | 39.4 | 42110 - Planted Red Pine | Sawtimber Well | 86 | 111-140  | Harvest | Clearcut | 4211 - Planted Red Pine | Even-Aged | No |
| <p><u>Prescription</u> Harvest all trees down to 1" DBH. Due to safety and logistical concerns during aerial herbicide applications, this treatment should have no retention.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Burn, Slash; SitePrep, Roller Chopping; SitePrep, Trenching; Pesticide, Skidder - Site Prep; Pesticide, Aerial - Site Prep; Pesticide, Treatments: Skidder - Release; Pesticide, Aerial - Release; Monitoring, Artificial Regen(1yr); Monitoring, Artificia</p> <p><u>Acceptable</u> Red pine</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</p> |                |      |                          |                |    |          |         |          |                         |           |    |
| 71  | 45158071-Other | 50.6 | 42110 - Planted Red Pine | Sapling Well   | 8  | Immature | Other   | Other    | 4211 - Planted Red Pine | Even-Aged | No |
| <p><u>Prescription</u> Use PCT release contract to release RP to meet the FTG metric.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Other - Specify</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u></p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2022</p>  |                |      |                          |                |    |          |         |          |                         |           |    |

**Approved Treatments:**

|  |                |      |                          |              |   |          |       |       |                         |           |    |
|--|----------------|------|--------------------------|--------------|---|----------|-------|-------|-------------------------|-----------|----|
| 3  | 45158003-Other | 25.9 | 42110 - Planted Red Pine | Sapling Well | 6 | Immature | Other | Other | 4211 - Planted Red Pine | Even-Aged | No |
| <p><u>Prescription</u> PCT contract work for RP release.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Other - Specify</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Red Pine</p> <p><u>Regen:</u></p> <p><u>Other</u> Percent to Treat = 100%</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2022</p> |                |      |                          |              |   |          |       |       |                         |           |    |



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

|          |                     |      |                                     |                 |    |        |         |                            |                            |          |    |
|----------|---------------------|------|-------------------------------------|-----------------|----|--------|---------|----------------------------|----------------------------|----------|----|
| <b>5</b> | <b>45158005-Cut</b> | 30.6 | 4199 - Other Mixed Upland Deciduous | Poletimber Well | 59 | 81-110 | Harvest | Shelterwood with Retention | 4319 - Mixed Upland Forest | Two-Aged | No |
|----------|---------------------|------|-------------------------------------|-----------------|----|--------|---------|----------------------------|----------------------------|----------|----|

Prescription Due to variability, stand should be harvested via shelterwood. Harvest all deciduous trees over 2" DBH and all conifers over 4" DBH leaving an average residual BA of 30-50. Focus should be on leaving healthy hard maple, yellow birch, and white spruce. Large diameter, healthy white pine should be left where available. All residual trees left post harvest will serve as long term retention until regeneration becomes commercial and the top can be taken off. Designate all merchantable aspen to be cut to promote aspen regeneration. Leave all hemlock if present. Treatment size may vary.

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

Acceptable Northern hardwoods, aspen, upland conifer.  
Regen:

Other  
Comment:

Site Condition

Proposed Start Date: 10/1 /2023

|          |                     |      |                          |                |    |      |         |                         |  |           |    |
|----------|---------------------|------|--------------------------|----------------|----|------|---------|-------------------------|--|-----------|----|
| <b>7</b> | <b>45158007-Cut</b> | 10.4 | 42110 - Planted Red Pine | Sawtimber Poor | 83 | 1-50 | Harvest | Clearcut with Retention | 4191 - Mixed Upland Deciduous with Conifer | Even-Aged | No |
|----------|---------------------|------|--------------------------|----------------|----|------|---------|-------------------------|--|-----------|----|

Prescription Harvest all deciduous and conifers over 4" DBH to transition stand into mixed deciduous with a conifer component. Leave one mature, healthy red pine per acre for retention. Leave all trees 26" DBH or greater for legacy trees.

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

Acceptable Maple, cherry, birch, aspen, fir, spruce, all pines.  
Regen:

Other  
Comment:

Site Condition

Proposed Start Date: 10/1 /2023

|           |                     |      |                          |                |    |         |         |          |                         |           |    |
|-----------|---------------------|------|--------------------------|----------------|----|---------|---------|----------|-------------------------|-----------|----|
| <b>10</b> | <b>45158010-Cut</b> | 26.2 | 42110 - Planted Red Pine | Sawtimber Well | 83 | 111-140 | Harvest | Clearcut | 4211 - Planted Red Pine | Even-Aged | No |
|-----------|---------------------|------|--------------------------|----------------|----|---------|---------|----------|-------------------------|-----------|----|

Prescription Final harvest red plantation. Harvest all species over 2" DBH. No retention due to potential aerial spraying operations.  
Specs:

Next Step Burn, Slash; SitePrep, Roller Chopping; Other, Pre-Commercial Thinning - Hand; Pesticide, Skidder - Site Prep; Pesticide, Aerial - Site  
Treatments: Prep; SitePrep, Trenching; Pesticide, Skidder - Release; Pesticide, Aerial - Release; Monitoring, Artif

Acceptable Red pine  
Regen:

Other A very large boulder found within treatment area. No presence of T & E species found. A tree length buffer must be applied around this  
Comment: boulder. The boulder is on the western stand line between stands 10 and 11.

Site Condition

Proposed Start Date: 10/1 /2023



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

|           |                     |      |                             |                   |    |             |         |          |                            |           |    |
|-----------|---------------------|------|-----------------------------|-------------------|----|-------------|---------|----------|----------------------------|-----------|----|
| <b>17</b> | <b>45158017-Cut</b> | 49.0 | 42110 - Planted<br>Red Pine | Sawtimber<br>Well | 83 | 111-<br>140 | Harvest | Clearcut | 4211 - Planted<br>Red Pine | Even-Aged | No |
|-----------|---------------------|------|-----------------------------|-------------------|----|-------------|---------|----------|----------------------------|-----------|----|

Prescription Final harvest red plantation. Harvest all species over 2" DBH. No retention due to potential aerial spraying operations.

Specs:

Next Step Burn, Slash; SitePrep, Roller Chopping; SitePrep, Trenching; Pesticide, Skidder - Site Prep; Other, Pre-Commercial Thinning - Hand;

Treatments: Pesticide, Aerial - Site Prep; Planting, Initial Plant; Pesticide, Skidder - Release; Pesticide, Aerial - R

Acceptable Red pine

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2023

|           |                       |      |                              |            |   |                 |           |       |                            |           |    |
|-----------|-----------------------|------|------------------------------|------------|---|-----------------|-----------|-------|----------------------------|-----------|----|
| <b>18</b> | <b>45158018-Spray</b> | 56.2 | 310 - Herbaceous<br>Openland | Nonstocked | 0 | Unspec<br>ified | Pesticide | ERROR | 4211 - Planted<br>Red Pine | Even-Aged | No |
|-----------|-----------------------|------|------------------------------|------------|---|-----------------|-----------|-------|----------------------------|-----------|----|

Prescription

Specs:

Next Step Pesticide, Skidder - Site Prep; Planting, Replant; Monitoring, Artificial Regen(3yr)

Treatments:

Acceptable red pine

Regen:

Other

Percent to Treat = 100%

Comment:

Site Condition

Proposed Start Date: 10/1 /2023

|           |                         |      |                                   |                   |     |             |            |                                 |                            |                 |    |
|-----------|-------------------------|------|-----------------------------------|-------------------|-----|-------------|------------|---------------------------------|----------------------------|-----------------|----|
| <b>34</b> | <b>45158034-Monitor</b> | 33.0 | 4110 - Sugar Maple<br>Association | Sawtimber<br>Well | 103 | 111-<br>140 | Monitoring | Natural Regen<br>(Intermediate) | 411 - Northern<br>Hardwood | Uneven-<br>Aged | No |
|-----------|-------------------------|------|-----------------------------------|-------------------|-----|-------------|------------|---------------------------------|----------------------------|-----------------|----|

Prescription Performed under the MSU research guidance.

Specs:

Next Step

Treatments:

Acceptable northern hardwood

Regen:

Other

Percent to Treat = 100%

Comment:

Site Condition

Proposed Start Date: 12/10/2018

|           |                     |     |                             |                     |    |      |         |                      |                               |          |    |
|-----------|---------------------|-----|-----------------------------|---------------------|----|------|---------|----------------------|-------------------------------|----------|----|
| <b>35</b> | <b>45158035-Cut</b> | 7.8 | 42110 - Planted<br>Red Pine | Sawtimber<br>Medium | 93 | 1-50 | Harvest | Overstory<br>Removal | 4319 - Mixed<br>Upland Forest | Two-Aged | No |
|-----------|---------------------|-----|-----------------------------|---------------------|----|------|---------|----------------------|-------------------------------|----------|----|

Prescription Harvest all overstory red pine. Retain all young pine planted in rows. Retain any overstory trees that are surrounded by young planted pine to minimize damage.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Red pine, white pine, aspen, maple, spruce.

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2023





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| Stand  | Treatment Name   | Acres | Stand CoverType                  | Size Density | Stand Age | BA Range    | Treatment Type | Treatment Method      | Cover Type Objective           | Age Structure | Habitat Cut |
|--|------------------|-------|----------------------------------|--------------|-----------|-------------|----------------|-----------------------|--------------------------------|---------------|-------------|
| 51   | 45158051-Spray   | 5.2   | 310 - Herbaceous Openland        | Nonstocked   | 0         | Immature    | Pesticide      | ERROR                 | 4211 - Planted Red Pine        | Even-Aged     | No          |
| <p><u>Prescription</u> Release needed per data from 2021 regen survey. release in conjunction with stand 61 in 2023.<br/> <u>Specs:</u><br/> <u>Next Step</u> Monitoring, Herbicide Use<br/> <u>Treatments:</u><br/> <u>Acceptable</u> RP<br/> <u>Regen:</u><br/> <u>Other</u> Percent to Treat = 100%<br/> <u>Comment:</u><br/> <u>Site Condition</u><br/> <u>Proposed Start Date:</u> 10/1 /2022</p>                             |                  |       |                                  |              |           |             |                |                       |                                |               |             |
| 53   | 45158053-NF      | 31.4  | 3302 - Low Density Conifer Trees | Nonstocked   |           |             | NonForestMgt   | Brush Cutting         | 3105 - Mixed Upland Herbaceous |               | No          |
| <p><u>Prescription</u> Chip jack pine that is encroaching on the weather station. No retention of trees or woody biomass in this stand.<br/> <u>Specs:</u><br/> <u>Next Step</u><br/> <u>Treatments:</u><br/> <u>Acceptable</u><br/> <u>Regen:</u><br/> <u>Other</u> Package treatment with stand 80 harvest.<br/> <u>Comment:</u><br/> <u>Site Condition</u><br/> <u>Proposed Start Date:</u> 10/1 /2023</p>                      |                  |       |                                  |              |           |             |                |                       |                                |               |             |
| 61   | 45158061-Spray   | 29.2  | 310 - Herbaceous Openland        | Nonstocked   | 0         | Unspecified | Pesticide      | ERROR                 | 4211 - Planted Red Pine        | Even-Aged     | No          |
| <p><u>Prescription</u> Release needed per data from 2021 regen survey. Replanting in 2022. Release in 2023.<br/> <u>Specs:</u><br/> <u>Next Step</u> Monitoring, Herbicide Use; ; Monitoring, Artificial Regen(3yr)<br/> <u>Treatments:</u><br/> <u>Acceptable</u> RP<br/> <u>Regen:</u><br/> <u>Other</u> Percent to Treat = 100%<br/> <u>Comment:</u><br/> <u>Site Condition</u><br/> <u>Proposed Start Date:</u> 10/1 /2022</p> |                  |       |                                  |              |           |             |                |                       |                                |               |             |
| 63   | 45158063-Monitor | 21.2  | 320 - Upland Shrub               | Nonstocked   | 0         | Unspecified | Monitoring     | Artificial Regen(3yr) | 4211 - Planted Red Pine        | Even-Aged     | No          |
| <p><u>Prescription</u><br/> <u>Specs:</u><br/> <u>Next Step</u> Monitoring, Herbicide Use; Pesticide, Skidder - Release<br/> <u>Treatments:</u><br/> <u>Acceptable</u> RP<br/> <u>Regen:</u><br/> <u>Other</u> Percent to Treat = 100%<br/> <u>Comment:</u><br/> <u>Site Condition</u><br/> <u>Proposed Start Date:</u> 10/1 /2023</p>   |                  |       |                                  |              |           |             |                |                       |                                |               |             |



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

|           |                         |      |                           |            |   |  |            |               |                          |           |    |
|-----------|-------------------------|------|---------------------------|------------|---|--|------------|---------------|--------------------------|-----------|----|
| <b>66</b> | <b>45158066-Monitor</b> | 13.8 | 310 - Herbaceous Openland | Nonstocked | 0 |  | Monitoring | Herbicide Use | 42110 - Planted Red Pine | Even-Aged | No |
|-----------|-------------------------|------|---------------------------|------------|---|--|------------|---------------|--------------------------|-----------|----|

Prescription Monitor for release/pest spraying.  
Specs:  
Next Step Pesticide, Aerial - Release; Monitoring, Herbicide Use  
Treatments:  
Acceptable Red Pine  
Regen:  
Other Percent to Treat = 100%  
Comment:  
Site Condition  
Proposed Start Date: 10/1 /2022

|           |                     |      |                          |                |    |      |         |          |                         |           |    |
|-----------|---------------------|------|--------------------------|----------------|----|------|---------|----------|-------------------------|-----------|----|
| <b>67</b> | <b>45158067-Cut</b> | 11.1 | 42110 - Planted Red Pine | Sawtimber Poor | 92 | 1-50 | Harvest | Clearcut | 4211 - Planted Red Pine | Even-Aged | No |
|-----------|---------------------|------|--------------------------|----------------|----|------|---------|----------|-------------------------|-----------|----|

Prescription Harvest all trees down to 1" DBH. Leave 1-2 healthy red pine near DAR monument. Protect DAR monument from damage during harvesting operations.  
Specs:  
Next Step Burn, Slash; SitePrep, Roller Chopping; SitePrep, Trenching; Pesticide, Skidder - Site Prep; Pesticide, Aerial - Site Prep; Planting,  
Treatments: Initial Plant; Monitoring, Artificial Regen(1yr); Pesticide, Skidder - Release; Pesticide, Aerial - Relea  
Acceptable Red Pine  
Regen:  
Other  
Comment:  
Site Condition  
Proposed Start Date: 10/1 /2023

|           |                       |      |                           |            |   |             |           |       |                         |           |    |
|-----------|-----------------------|------|---------------------------|------------|---|-------------|-----------|-------|-------------------------|-----------|----|
| <b>69</b> | <b>45158069-Spray</b> | 15.4 | 310 - Herbaceous Openland | Nonstocked | 0 | Unspecified | Pesticide | ERROR | 4211 - Planted Red Pine | Even-Aged | No |
|-----------|-----------------------|------|---------------------------|------------|---|-------------|-----------|-------|-------------------------|-----------|----|

Prescription Release to control deciduous competition if needed  
Specs:  
Next Step ; Monitoring, Artificial Regen(3yr)  
Treatments:  
Acceptable Planted red pine  
Regen:  
Other Percent to Treat = 100%  
Comment:  
Site Condition  
Proposed Start Date: 10/1 /2022

|           |                     |      |                         |                |    |         |         |          |                         |           |    |
|-----------|---------------------|------|-------------------------|----------------|----|---------|---------|----------|-------------------------|-----------|----|
| <b>80</b> | <b>45158080-Cut</b> | 50.2 | 4211 - Planted Red Pine | Sawtimber Well | 80 | 141-170 | Harvest | Clearcut | 4211 - Planted Red Pine | Even-Aged | No |
|-----------|---------------------|------|-------------------------|----------------|----|---------|---------|----------|-------------------------|-----------|----|

Prescription Clearcut without retention to facilitate planting operations.  
Specs:  
Next Step SitePrep, Trenching; Planting, Initial Plant; Burn, Slash; SitePrep, Roller Chopping; Pesticide, Skidder - Site Prep; Pesticide, Aerial -  
Treatments: Site Prep; Pesticide, Skidder - Release; Pesticide, Aerial - Release; Monitoring, Artificial Regen(1y  
Acceptable red pine  
Regen:  
Other  
Comment:  
Site Condition  
Proposed Start Date: 10/1 /2023



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

|                         |       |                                |                |     |        |         |                       |                         |             |    |
|-------------------------|-------|--------------------------------|----------------|-----|--------|---------|-----------------------|-------------------------|-------------|----|
| <b>234 45158234-Cut</b> | 362.9 | 4110 - Sugar Maple Association | Sawtimber Well | 103 | 81-110 | Harvest | Single Tree Selection | 411 - Northern Hardwood | Uneven-Aged | No |
|-------------------------|-------|--------------------------------|----------------|-----|--------|---------|-----------------------|-------------------------|-------------|----|

Prescription Select thin to 80 basal area and cut all aspen which are 2" and up. Promote underrepresented species and expand gaps where good regeneration already exists. Promote high quality pole sized hardwood over mature log sized trees where they exist. Leave any trees over 26" DBH for legacy trees. Leave all healthy Beech. Any large boulders need to be buffered following guidelines for potential presence of walking fern.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Regen: Sugar maple, red maple, basswood, birch, and cherry.

Other Comment: Final acreage may vary from original prescription due to variability in volume. Operating specs should be no cutting from May 16 to August 16 for warbler. Monitor for garlic mustard along roads.

Normal bark slippage operating restrictions apply unless, upon survey, presence of black throated blue warbler is found. Then, operating restrictions are in effect from May 16- August 16.

Site Condition

Proposed Start Date: 10/1 /2023

**Total Treatment Acreage Proposed: 869.5**

## Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit  
Amy Livermore : Examiner

Compartment: 158  
Year of Entry: 2024

### Availability for Management

| Total<br>Acres | Acres<br>Available | Acres Avail    |               | Dominant Site Conditions | Dominant Site Conditions |    |    |    |
|----------------|--------------------|----------------|---------------|--------------------------|--------------------------|----|----|----|
|                |                    | With Condition | Not Available |                          | 5B                       | 2G | 3L | 5E |
| 184            | 179                | 0              | 5             | Aspen                    |                          | 5  |    |    |
| 2              | 2                  | 0              | 0             | Bog                      |                          |    |    |    |
| 54             | 4                  | 0              | 50            | Cedar                    |                          |    | 50 |    |
| 139            | 139                | 0              | 0             | Herbaceous Openland      |                          |    |    |    |
| 2              | 2                  | 0              | 0             | Jack Pine                |                          |    |    |    |
| 79             | 79                 | 0              | 0             | Low-Density Trees        |                          |    |    |    |
| 16             | 16                 | 0              | 0             | Lowland Shrub            |                          |    |    |    |
| 10             | 10                 | 0              | 0             | Marsh                    |                          |    |    |    |
| 137            | 136                | 0              | 1             | Mixed Upland Deciduous   |                          | 1  |    |    |
| 2              | 2                  | 0              | 0             | Natural Mixed Pines      |                          |    |    |    |
| 900            | 873                | 0              | 27            | Northern Hardwood        |                          |    |    | 27 |
| 458            | 434                | 24             | 0             | Red Pine                 | 24                       |    |    |    |
| 80             | 80                 | 0              | 0             | Upland Mixed Forest      |                          |    |    |    |
| 46             | 46                 | 0              | 0             | Upland Shrub             |                          |    |    |    |
| 18             | 18                 | 0              | 0             | Urban                    |                          |    |    |    |
| 20             | 20                 | 0              | 0             | Water                    |                          |    |    |    |
| 2,146          | 2,039              | 24             | 83            | Total Forested Acres     | 24                       | 6  | 50 | 27 |
|                | 95%                | 1%             | 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                     | 3L: Other wildlife concerns                                   | 50    | Unspecified          | Unspecified          | Unspecified          | Unspecified          |
| <b>Comments:</b><br>Deer |                                 |   |       |                      |                      |                      |                      |
| 2                        | Unavailable                     | 2G: Too wet (sensitive soils, does not include access issues) | 5     | Unspecified          | Unspecified          | Unspecified          | Unspecified          |
| <b>Comments:</b>         |                                 |   |       |                      |                      |                      |                      |

## Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Compartment: 158

Amy Livermore : Examiner

Year of Entry: 2024

|  |                    |   |    |   |             |             |             |
|--|--------------------|---|----|---|-------------|-------------|-------------|
| 3  | <b>Unavailable</b> | 2G: Too wet (sensitive soils, does not include access issues) | 1  | Unspecified   | Unspecified | Unspecified | Unspecified |
| <b>Comments:</b>   |                    |   |    |   |             |             |             |
| 4  | <b>Available</b>   | 5B: Maintain for regeneration purposes                        | 9  | Unspecified   | Unspecified | Unspecified | Unspecified |
| <b>Comments:</b><br>Seed tree cut in 2015. Wait for adequate regeneration before taking the top off. |                    |   |    |   |             |             |             |
| 5  | <b>Available</b>   | 5B: Maintain for regeneration purposes                        | 15 | Unspecified   | Unspecified | Unspecified | Unspecified |
| <b>Comments:</b>   |                    |   |    |   |             |             |             |
| 6  | <b>Unavailable</b> | 5E: Long-Term Retention                                       | 27 | 3B: Threatened, endangered, and special concern species | Unspecified | Unspecified | Unspecified |
| <b>Comments:</b>   |                    |   |    |   |             |             |             |

Mgt. Unit

Compartment: #Type!

Year of Entry:



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

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

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

|          |
|----------|
| Comments |
|----------|



**Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS**

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

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

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



| Stand   | Level 4 Cover Type                  | Size Density    | Acres   | Stand Age  | BA Range | Managed Site | General Comments   |     |         |    |    |               |    |              |   |  |   |    |                    |         |             |              |              |         |             |         |              |        |              |         |          |               |              |          |              |        |               |         |         |   |  |  |  |                    |         |             |      |               |     |          |         |              |        |              |         |          |        |          |         |       |     |          |         |  |  |  |  |
|---|-------------------------------------|-----------------|---------|------------|----------|--------------|--|-----|---------|----|----|---------------|----|--------------|---|--|---|----|--------------------|---------|-------------|--------------|--------------|---------|-------------|---------|--------------|--------|--------------|---------|----------|---------------|--------------|----------|--------------|--------|---------------|---------|---------|---|--|--|--|--------------------|---------|-------------|------|---------------|-----|----------|---------|--------------|--------|--------------|---------|----------|--------|----------|---------|-------|-----|----------|---------|--|--|--|--|
| 1   | 42110 - Planted Red Pine            | Sawtimber Well  | 9.9     | 74         | 111-140  | N/A          | Stand thinned in 2015.   |     |         |    |    |               |    |              |   |  |   |    |                    |         |             |              |              |         |             |         |              |        |              |         |          |               |              |          |              |        |               |         |         |   |  |  |  |                    |         |             |      |               |     |          |         |              |        |              |         |          |        |          |         |       |     |          |         |  |  |  |  |
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| Canopy Species  | % Cover                             | Size Class      | DBH     | Age        |          |              |  |     |         |    |    |               |    |              |   |  |   |    |                    |         |             |              |              |         |             |         |              |        |              |         |          |               |              |          |              |        |               |         |         |   |  |  |  |                    |         |             |      |               |     |          |         |              |        |              |         |          |        |          |         |       |     |          |         |  |  |  |  |
| Red Pine  | 98                                  | Log             | 13      | 74         |          |              |  |     |         |    |    |               |    |              |   |  |   |    |                    |         |             |              |              |         |             |         |              |        |              |         |          |               |              |          |              |        |               |         |         |   |  |  |  |                    |         |             |      |               |     |          |         |              |        |              |         |          |        |          |         |       |     |          |         |  |  |  |  |
| Quaking Aspen   | 2                                   | Pole            | 6       |            |          |              |  |     |         |    |    |               |    |              |   |  |   |    |                    |         |             |              |              |         |             |         |              |        |              |         |          |               |              |          |              |        |               |         |         |   |  |  |  |                    |         |             |      |               |     |          |         |              |        |              |         |          |        |          |         |       |     |          |         |  |  |  |  |
| Sub-Canopy Species  | Density                             | Avg. Height     | Size    |            |          |              |  |     |         |    |    |               |    |              |   |  |   |    |                    |         |             |              |              |         |             |         |              |        |              |         |          |               |              |          |              |        |               |         |         |   |  |  |  |                    |         |             |      |               |     |          |         |              |        |              |         |          |        |          |         |       |     |          |         |  |  |  |  |
| Black Cherry  | Low                                 | 5 - 10 feet     | Sapling |            |          |              |  |     |         |    |    |               |    |              |   |  |   |    |                    |         |             |              |              |         |             |         |              |        |              |         |          |               |              |          |              |        |               |         |         |   |  |  |  |                    |         |             |      |               |     |          |         |              |        |              |         |          |        |          |         |       |     |          |         |  |  |  |  |
| Beech   | Medium                              | 10 - 20 feet    | Sapling |            |          |              |  |     |         |    |    |               |    |              |   |  |   |    |                    |         |             |              |              |         |             |         |              |        |              |         |          |               |              |          |              |        |               |         |         |   |  |  |  |                    |         |             |      |               |     |          |         |              |        |              |         |          |        |          |         |       |     |          |         |  |  |  |  |
| Conifers  | Low                                 | 10 - 20 feet    | Sapling |            |          |              |  |     |         |    |    |               |    |              |   |  |   |    |                    |         |             |              |              |         |             |         |              |        |              |         |          |               |              |          |              |        |               |         |         |   |  |  |  |                    |         |             |      |               |     |          |         |              |        |              |         |          |        |          |         |       |     |          |         |  |  |  |  |
| Maple (spp.)  | Medium                              | 5 - 10 feet     | Sapling |            |          |              |  |     |         |    |    |               |    |              |   |  |   |    |                    |         |             |              |              |         |             |         |              |        |              |         |          |               |              |          |              |        |               |         |         |   |  |  |  |                    |         |             |      |               |     |          |         |              |        |              |         |          |        |          |         |       |     |          |         |  |  |  |  |
| 2   | 4134 - Aspen, Spruce/Fir            | Sapling Well    | 25.1    | 28         | Immature | N/A          | A young aspen stand with a mix of spruce, fir and paper birch. Stand has scattered red pine and jack pine.   |     |         |    |    |               |    |              |   |  |   |    |                    |         |             |              |              |         |             |         |              |        |              |         |          |               |              |          |              |        |               |         |         |   |  |  |  |                    |         |             |      |               |     |          |         |              |        |              |         |          |        |          |         |       |     |          |         |  |  |  |  |
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| Canopy Species  | % Cover                             | Size Class      | DBH     | Age        |          |              |  |     |         |    |    |               |    |              |   |  |   |    |                    |         |             |              |              |         |             |         |              |        |              |         |          |               |              |          |              |        |               |         |         |   |  |  |  |                    |         |             |      |               |     |          |         |              |        |              |         |          |        |          |         |       |     |          |         |  |  |  |  |
| Red Maple   | 3                                   | Sapling         | 2       |            |          |              |  |     |         |    |    |               |    |              |   |  |   |    |                    |         |             |              |              |         |             |         |              |        |              |         |          |               |              |          |              |        |               |         |         |   |  |  |  |                    |         |             |      |               |     |          |         |              |        |              |         |          |        |          |         |       |     |          |         |  |  |  |  |
| Paper Birch   | 20                                  | Sapling/Pole    | 4       |            |          |              |  |     |         |    |    |               |    |              |   |  |   |    |                    |         |             |              |              |         |             |         |              |        |              |         |          |               |              |          |              |        |               |         |         |   |  |  |  |                    |         |             |      |               |     |          |         |              |        |              |         |          |        |          |         |       |     |          |         |  |  |  |  |
| Quaking Aspen   | 50                                  | Sapling         | 3       | 28         |          |              |  |     |         |    |    |               |    |              |   |  |   |    |                    |         |             |              |              |         |             |         |              |        |              |         |          |               |              |          |              |        |               |         |         |   |  |  |  |                    |         |             |      |               |     |          |         |              |        |              |         |          |        |          |         |       |     |          |         |  |  |  |  |
| Balsam Fir  | 10                                  | Sapling         | 3       |            |          |              |  |     |         |    |    |               |    |              |   |  |   |    |                    |         |             |              |              |         |             |         |              |        |              |         |          |               |              |          |              |        |               |         |         |   |  |  |  |                    |         |             |      |               |     |          |         |              |        |              |         |          |        |          |         |       |     |          |         |  |  |  |  |
| White Spruce  | 10                                  | Sapling         | 3       |            |          |              |  |     |         |    |    |               |    |              |   |  |   |    |                    |         |             |              |              |         |             |         |              |        |              |         |          |               |              |          |              |        |               |         |         |   |  |  |  |                    |         |             |      |               |     |          |         |              |        |              |         |          |        |          |         |       |     |          |         |  |  |  |  |
| Jack Pine   | 2                                   | Pole            | 5       |            |          |              |  |     |         |    |    |               |    |              |   |  |   |    |                    |         |             |              |              |         |             |         |              |        |              |         |          |               |              |          |              |        |               |         |         |   |  |  |  |                    |         |             |      |               |     |          |         |              |        |              |         |          |        |          |         |       |     |          |         |  |  |  |  |
| Black Cherry  | 5                                   | Sapling         | 2       |            |          |              |  |     |         |    |    |               |    |              |   |  |   |    |                    |         |             |              |              |         |             |         |              |        |              |         |          |               |              |          |              |        |               |         |         |   |  |  |  |                    |         |             |      |               |     |          |         |              |        |              |         |          |        |          |         |       |     |          |         |  |  |  |  |
| 3   | 42110 - Planted Red Pine            | Sapling Well    | 26.7    | 6          | Immature | N/A          | Stand was cut in 2015. Site Prep sprayed 8/2016. Planted in 2017. FTP# C44-606. 1st year regen. check passed 2018 729 trees/acre. Release sprayed on 9/15/21. 07/2022: After follow up check post spray, maple wasn't as controlled as cherry and aspen. Monitor for potential follow up PCT work. 01/11/22 - evaluation of site shows need for PCT treatment in '23 |     |         |    |    |               |    |              |   |  |   |    |                    |         |             |              |              |         |             |         |              |        |              |         |          |               |              |          |              |        |               |         |         |   |  |  |  |                    |         |             |      |               |     |          |         |              |        |              |         |          |        |          |         |       |     |          |         |  |  |  |  |
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| Canopy Species  | % Cover                             | Size Class      | DBH     | Age        |          |              |  |     |         |    |    |               |    |              |   |  |   |    |                    |         |             |              |              |         |             |         |              |        |              |         |          |               |              |          |              |        |               |         |         |   |  |  |  |                    |         |             |      |               |     |          |         |              |        |              |         |          |        |          |         |       |     |          |         |  |  |  |  |
| Red Pine  | 100                                 | Sapling         | 1       | 6          |          |              |  |     |         |    |    |               |    |              |   |  |   |    |                    |         |             |              |              |         |             |         |              |        |              |         |          |               |              |          |              |        |               |         |         |   |  |  |  |                    |         |             |      |               |     |          |         |              |        |              |         |          |        |          |         |       |     |          |         |  |  |  |  |
| 4   | 4130 - Aspen                        | Sapling Medium  | 15.5    | 7          | Immature | N/A          | Stand was clear cut in 2016. Brush was put in small piles for rabbit habitat. Stand has regenerated very well throughout most of it. Mix of aspen, birch and cherry. Dense ferns.  |     |         |    |    |               |    |              |   |  |   |    |                    |         |             |              |              |         |             |         |              |        |              |         |          |               |              |          |              |        |               |         |         |   |  |  |  |                    |         |             |      |               |     |          |         |              |        |              |         |          |        |          |         |       |     |          |         |  |  |  |  |
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| Canopy Species  | % Cover                             | Size Class      | DBH     | Age        |          |              |  |     |         |    |    |               |    |              |   |  |   |    |                    |         |             |              |              |         |             |         |              |        |              |         |          |               |              |          |              |        |               |         |         |   |  |  |  |                    |         |             |      |               |     |          |         |              |        |              |         |          |        |          |         |       |     |          |         |  |  |  |  |
| Black Cherry  | 25                                  | Sapling         | 2       |            |          |              |  |     |         |    |    |               |    |              |   |  |   |    |                    |         |             |              |              |         |             |         |              |        |              |         |          |               |              |          |              |        |               |         |         |   |  |  |  |                    |         |             |      |               |     |          |         |              |        |              |         |          |        |          |         |       |     |          |         |  |  |  |  |
| Paper Birch   | 5                                   | Sapling         | 2       |            |          |              |  |     |         |    |    |               |    |              |   |  |   |    |                    |         |             |              |              |         |             |         |              |        |              |         |          |               |              |          |              |        |               |         |         |   |  |  |  |                    |         |             |      |               |     |          |         |              |        |              |         |          |        |          |         |       |     |          |         |  |  |  |  |
| Balsam Fir  | 5                                   | Sapling         | 2       |            |          |              |  |     |         |    |    |               |    |              |   |  |   |    |                    |         |             |              |              |         |             |         |              |        |              |         |          |               |              |          |              |        |               |         |         |   |  |  |  |                    |         |             |      |               |     |          |         |              |        |              |         |          |        |          |         |       |     |          |         |  |  |  |  |
| White Pine  | 3                                   | Sapling         | 3       |            |          |              |  |     |         |    |    |               |    |              |   |  |   |    |                    |         |             |              |              |         |             |         |              |        |              |         |          |               |              |          |              |        |               |         |         |   |  |  |  |                    |         |             |      |               |     |          |         |              |        |              |         |          |        |          |         |       |     |          |         |  |  |  |  |
| White Spruce  | 2                                   | Sapling         | 2       |            |          |              |  |     |         |    |    |               |    |              |   |  |   |    |                    |         |             |              |              |         |             |         |              |        |              |         |          |               |              |          |              |        |               |         |         |   |  |  |  |                    |         |             |      |               |     |          |         |              |        |              |         |          |        |          |         |       |     |          |         |  |  |  |  |
| Quaking Aspen   | 60                                  | Sapling         | 2       | 7          |          |              |  |     |         |    |    |               |    |              |   |  |   |    |                    |         |             |              |              |         |             |         |              |        |              |         |          |               |              |          |              |        |               |         |         |   |  |  |  |                    |         |             |      |               |     |          |         |              |        |              |         |          |        |          |         |       |     |          |         |  |  |  |  |
| 5   | 4199 - Other Mixed Upland Deciduous | Poletimber Well | 30.6    | 59         | 81-110   | N/A          | Variable stand with a mix of cover types. Very poor quality sugar maple stand with pockets of aspen and a mix of other species. Conifer pockets present. Seems to be growing better aspen than hardwoods.  |     |         |    |    |               |    |              |   |  |   |    |                    |         |             |              |              |         |             |         |              |        |              |         |          |               |              |          |              |        |               |         |         |   |  |  |  |                    |         |             |      |               |     |          |         |              |        |              |         |          |        |          |         |       |     |          |         |  |  |  |  |
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| Canopy Species  | % Cover                             | Size Class      | DBH     | Age        |          |              |  |     |         |    |    |               |    |              |   |  |   |    |                    |         |             |              |              |         |             |         |              |        |              |         |          |               |              |          |              |        |               |         |         |   |  |  |  |                    |         |             |      |               |     |          |         |              |        |              |         |          |        |          |         |       |     |          |         |  |  |  |  |
| Balsam Fir  | 5                                   | Pole            | 7       |            |          |              |  |     |         |    |    |               |    |              |   |  |   |    |                    |         |             |              |              |         |             |         |              |        |              |         |          |               |              |          |              |        |               |         |         |   |  |  |  |                    |         |             |      |               |     |          |         |              |        |              |         |          |        |          |         |       |     |          |         |  |  |  |  |
| White Spruce  | 4                                   | Pole/Log        | 9       |            |          |              |  |     |         |    |    |               |    |              |   |  |   |    |                    |         |             |              |              |         |             |         |              |        |              |         |          |               |              |          |              |        |               |         |         |   |  |  |  |                    |         |             |      |               |     |          |         |              |        |              |         |          |        |          |         |       |     |          |         |  |  |  |  |
| Red Pine  | 2                                   | Pole            | 8       |            |          |              |  |     |         |    |    |               |    |              |   |  |   |    |                    |         |             |              |              |         |             |         |              |        |              |         |          |               |              |          |              |        |               |         |         |   |  |  |  |                    |         |             |      |               |     |          |         |              |        |              |         |          |        |          |         |       |     |          |         |  |  |  |  |
| Black Cherry  | 4                                   | Pole            | 8       |            |          |              |  |     |         |    |    |               |    |              |   |  |   |    |                    |         |             |              |              |         |             |         |              |        |              |         |          |               |              |          |              |        |               |         |         |   |  |  |  |                    |         |             |      |               |     |          |         |              |        |              |         |          |        |          |         |       |     |          |         |  |  |  |  |
| Sugar Maple   | 45                                  | Pole/Log        | 9       | 59         |          |              |  |     |         |    |    |               |    |              |   |  |   |    |                    |         |             |              |              |         |             |         |              |        |              |         |          |               |              |          |              |        |               |         |         |   |  |  |  |                    |         |             |      |               |     |          |         |              |        |              |         |          |        |          |         |       |     |          |         |  |  |  |  |
| Red Maple   | 10                                  | Pole/Log        | 9       |            |          |              |  |     |         |    |    |               |    |              |   |  |   |    |                    |         |             |              |              |         |             |         |              |        |              |         |          |               |              |          |              |        |               |         |         |   |  |  |  |                    |         |             |      |               |     |          |         |              |        |              |         |          |        |          |         |       |     |          |         |  |  |  |  |
| Quaking Aspen   | 30                                  | Pole            | 9       |            |          |              |  |     |         |    |    |               |    |              |   |  |   |    |                    |         |             |              |              |         |             |         |              |        |              |         |          |               |              |          |              |        |               |         |         |   |  |  |  |                    |         |             |      |               |     |          |         |              |        |              |         |          |        |          |         |       |     |          |         |  |  |  |  |
| Sub-Canopy Species  | Density                             | Avg. Height     | Size    |            |          |              |  |     |         |    |    |               |    |              |   |  |   |    |                    |         |             |              |              |         |             |         |              |        |              |         |          |               |              |          |              |        |               |         |         |   |  |  |  |                    |         |             |      |               |     |          |         |              |        |              |         |          |        |          |         |       |     |          |         |  |  |  |  |
| Quaking Aspen   | Low                                 | Variable        | Sapling |            |          |              |  |     |         |    |    |               |    |              |   |  |   |    |                    |         |             |              |              |         |             |         |              |        |              |         |          |               |              |          |              |        |               |         |         |   |  |  |  |                    |         |             |      |               |     |          |         |              |        |              |         |          |        |          |         |       |     |          |         |  |  |  |  |
| Maple (spp.)  | Medium                              | 10 - 20 feet    | Sapling |            |          |              |  |     |         |    |    |               |    |              |   |  |   |    |                    |         |             |              |              |         |             |         |              |        |              |         |          |               |              |          |              |        |               |         |         |   |  |  |  |                    |         |             |      |               |     |          |         |              |        |              |         |          |        |          |         |       |     |          |         |  |  |  |  |
| Conifers  | Medium                              | Variable        | Sapling |            |          |              |  |     |         |    |    |               |    |              |   |  |   |    |                    |         |             |              |              |         |             |         |              |        |              |         |          |               |              |          |              |        |               |         |         |   |  |  |  |                    |         |             |      |               |     |          |         |              |        |              |         |          |        |          |         |       |     |          |         |  |  |  |  |
| Beech   | Low                                 | Variable        | Sapling |            |          |              |  |     |         |    |    |               |    |              |   |  |   |    |                    |         |             |              |              |         |             |         |              |        |              |         |          |               |              |          |              |        |               |         |         |   |  |  |  |                    |         |             |      |               |     |          |         |              |        |              |         |          |        |          |         |       |     |          |         |  |  |  |  |





| Stand                    | Level 4 Cover Type                         | Size Density  | Acres          | Stand Age | BA Range    | Managed Site            | General Comments   |              |    |          |    |    |             |    |              |    |    |   |                    |              |             |      |  |                    |             |             |          |              |             |          |              |       |             |          |              |              |              |            |         |      |   |    |              |    |      |   |  |                |   |      |   |  |               |   |      |   |  |           |    |      |   |  |              |   |      |   |  |  |                    |         |             |      |       |     |             |         |              |     |             |         |          |        |              |         |              |        |             |         |  |  |  |
|--------------------------|--|---|----------------|-----------|-------------|-------------------------|--|--------------|----|----------|----|----|-------------|----|--------------|----|----|---|--------------------|--------------|-------------|------|--|--------------------|-------------|-------------|----------|--------------|-------------|----------|--------------|-------|-------------|----------|--------------|--------------|--------------|------------|---------|------|---|----|--------------|----|------|---|--|----------------|---|------|---|--|---------------|---|------|---|--|-----------|----|------|---|--|--------------|---|------|---|--|--|--------------------|---------|-------------|------|-------|-----|-------------|---------|--------------|-----|-------------|---------|----------|--------|--------------|---------|--------------|--------|-------------|---------|--|--|--|
| 6                        | 4191 - Mixed Upland Deciduous with Conifer | Poletimber Well   | 57.1           | 41        | 81-110      | N/A                     | Highly variable stand with some areas heavy to white pine other aspen or maple. Scattered areas of grassy opening in the stand. Serviceberry and thornapple present in stand.  |              |    |          |    |    |             |    |              |    |    |   |                    |              |             |      |  |                    |             |             |          |              |             |          |              |       |             |          |              |              |              |            |         |      |   |    |              |    |      |   |  |                |   |      |   |  |               |   |      |   |  |           |    |      |   |  |              |   |      |   |  |  |                    |         |             |      |       |     |             |         |              |     |             |         |          |        |              |         |              |        |             |         |  |  |  |
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| Canopy Species           | % Cover                                    | Size Class  | DBH            | Age       |             |                         |  |              |    |          |    |    |             |    |              |    |    |   |                    |              |             |      |  |                    |             |             |          |              |             |          |              |       |             |          |              |              |              |            |         |      |   |    |              |    |      |   |  |                |   |      |   |  |               |   |      |   |  |           |    |      |   |  |              |   |      |   |  |  |                    |         |             |      |       |     |             |         |              |     |             |         |          |        |              |         |              |        |             |         |  |  |  |
| Paper Birch              | 5  | Pole  | 8              |           |             |                         |  |              |    |          |    |    |             |    |              |    |    |   |                    |              |             |      |  |                    |             |             |          |              |             |          |              |       |             |          |              |              |              |            |         |      |   |    |              |    |      |   |  |                |   |      |   |  |               |   |      |   |  |           |    |      |   |  |              |   |      |   |  |  |                    |         |             |      |       |     |             |         |              |     |             |         |          |        |              |         |              |        |             |         |  |  |  |
| Ironwood                 | 2  | Pole  | 7              |           |             |                         |  |              |    |          |    |    |             |    |              |    |    |   |                    |              |             |      |  |                    |             |             |          |              |             |          |              |       |             |          |              |              |              |            |         |      |   |    |              |    |      |   |  |                |   |      |   |  |               |   |      |   |  |           |    |      |   |  |              |   |      |   |  |  |                    |         |             |      |       |     |             |         |              |     |             |         |          |        |              |         |              |        |             |         |  |  |  |
| Quaking Aspen            | 15   | Pole  | 6              |           |             |                         |  |              |    |          |    |    |             |    |              |    |    |   |                    |              |             |      |  |                    |             |             |          |              |             |          |              |       |             |          |              |              |              |            |         |      |   |    |              |    |      |   |  |                |   |      |   |  |               |   |      |   |  |           |    |      |   |  |              |   |      |   |  |  |                    |         |             |      |       |     |             |         |              |     |             |         |          |        |              |         |              |        |             |         |  |  |  |
| Serviceberry (Juneberry) | 2  | Sapling   | 3              |           |             |                         |  |              |    |          |    |    |             |    |              |    |    |   |                    |              |             |      |  |                    |             |             |          |              |             |          |              |       |             |          |              |              |              |            |         |      |   |    |              |    |      |   |  |                |   |      |   |  |               |   |      |   |  |           |    |      |   |  |              |   |      |   |  |  |                    |         |             |      |       |     |             |         |              |     |             |         |          |        |              |         |              |        |             |         |  |  |  |
| Balsam Fir               | 10   | Pole  | 6              |           |             |                         |  |              |    |          |    |    |             |    |              |    |    |   |                    |              |             |      |  |                    |             |             |          |              |             |          |              |       |             |          |              |              |              |            |         |      |   |    |              |    |      |   |  |                |   |      |   |  |               |   |      |   |  |           |    |      |   |  |              |   |      |   |  |  |                    |         |             |      |       |     |             |         |              |     |             |         |          |        |              |         |              |        |             |         |  |  |  |
| Sugar Maple              | 15   | Pole  | 9              |           |             |                         |  |              |    |          |    |    |             |    |              |    |    |   |                    |              |             |      |  |                    |             |             |          |              |             |          |              |       |             |          |              |              |              |            |         |      |   |    |              |    |      |   |  |                |   |      |   |  |               |   |      |   |  |           |    |      |   |  |              |   |      |   |  |  |                    |         |             |      |       |     |             |         |              |     |             |         |          |        |              |         |              |        |             |         |  |  |  |
| White Pine               | 15   | Pole  | 9              | 41        |             |                         |  |              |    |          |    |    |             |    |              |    |    |   |                    |              |             |      |  |                    |             |             |          |              |             |          |              |       |             |          |              |              |              |            |         |      |   |    |              |    |      |   |  |                |   |      |   |  |               |   |      |   |  |           |    |      |   |  |              |   |      |   |  |  |                    |         |             |      |       |     |             |         |              |     |             |         |          |        |              |         |              |        |             |         |  |  |  |
| White Spruce             | 10   | Pole  | 8              |           |             |                         |  |              |    |          |    |    |             |    |              |    |    |   |                    |              |             |      |  |                    |             |             |          |              |             |          |              |       |             |          |              |              |              |            |         |      |   |    |              |    |      |   |  |                |   |      |   |  |               |   |      |   |  |           |    |      |   |  |              |   |      |   |  |  |                    |         |             |      |       |     |             |         |              |     |             |         |          |        |              |         |              |        |             |         |  |  |  |
| Bigtooth Aspen           | 5  | Pole  | 7              |           |             |                         |  |              |    |          |    |    |             |    |              |    |    |   |                    |              |             |      |  |                    |             |             |          |              |             |          |              |       |             |          |              |              |              |            |         |      |   |    |              |    |      |   |  |                |   |      |   |  |               |   |      |   |  |           |    |      |   |  |              |   |      |   |  |  |                    |         |             |      |       |     |             |         |              |     |             |         |          |        |              |         |              |        |             |         |  |  |  |
| Balsam Poplar            | 5  | Pole  | 5              |           |             |                         |  |              |    |          |    |    |             |    |              |    |    |   |                    |              |             |      |  |                    |             |             |          |              |             |          |              |       |             |          |              |              |              |            |         |      |   |    |              |    |      |   |  |                |   |      |   |  |               |   |      |   |  |           |    |      |   |  |              |   |      |   |  |  |                    |         |             |      |       |     |             |         |              |     |             |         |          |        |              |         |              |        |             |         |  |  |  |
| Red Maple                | 10   | Pole  | 8              |           |             |                         |  |              |    |          |    |    |             |    |              |    |    |   |                    |              |             |      |  |                    |             |             |          |              |             |          |              |       |             |          |              |              |              |            |         |      |   |    |              |    |      |   |  |                |   |      |   |  |               |   |      |   |  |           |    |      |   |  |              |   |      |   |  |  |                    |         |             |      |       |     |             |         |              |     |             |         |          |        |              |         |              |        |             |         |  |  |  |
| Black Cherry             | 6  | Pole  | 7              |           |             |                         |  |              |    |          |    |    |             |    |              |    |    |   |                    |              |             |      |  |                    |             |             |          |              |             |          |              |       |             |          |              |              |              |            |         |      |   |    |              |    |      |   |  |                |   |      |   |  |               |   |      |   |  |           |    |      |   |  |              |   |      |   |  |  |                    |         |             |      |       |     |             |         |              |     |             |         |          |        |              |         |              |        |             |         |  |  |  |
| Sub-Canopy Species       | Density                                    | Avg. Height   | Size           |           |             |                         |  |              |    |          |    |    |             |    |              |    |    |   |                    |              |             |      |  |                    |             |             |          |              |             |          |              |       |             |          |              |              |              |            |         |      |   |    |              |    |      |   |  |                |   |      |   |  |               |   |      |   |  |           |    |      |   |  |              |   |      |   |  |  |                    |         |             |      |       |     |             |         |              |     |             |         |          |        |              |         |              |        |             |         |  |  |  |
| Beech                    | Low  | 5 - 10 feet   | Sapling        |           |             |                         |  |              |    |          |    |    |             |    |              |    |    |   |                    |              |             |      |  |                    |             |             |          |              |             |          |              |       |             |          |              |              |              |            |         |      |   |    |              |    |      |   |  |                |   |      |   |  |               |   |      |   |  |           |    |      |   |  |              |   |      |   |  |  |                    |         |             |      |       |     |             |         |              |     |             |         |          |        |              |         |              |        |             |         |  |  |  |
| Black Cherry             | Low  | 5 - 10 feet   | Sapling        |           |             |                         |  |              |    |          |    |    |             |    |              |    |    |   |                    |              |             |      |  |                    |             |             |          |              |             |          |              |       |             |          |              |              |              |            |         |      |   |    |              |    |      |   |  |                |   |      |   |  |               |   |      |   |  |           |    |      |   |  |              |   |      |   |  |  |                    |         |             |      |       |     |             |         |              |     |             |         |          |        |              |         |              |        |             |         |  |  |  |
| Conifers                 | Medium                                     | 10 - 20 feet  | Sapling        |           |             |                         |  |              |    |          |    |    |             |    |              |    |    |   |                    |              |             |      |  |                    |             |             |          |              |             |          |              |       |             |          |              |              |              |            |         |      |   |    |              |    |      |   |  |                |   |      |   |  |               |   |      |   |  |           |    |      |   |  |              |   |      |   |  |  |                    |         |             |      |       |     |             |         |              |     |             |         |          |        |              |         |              |        |             |         |  |  |  |
| Maple (spp.)             | Medium                                     | 5 - 10 feet   | Sapling        |           |             |                         |  |              |    |          |    |    |             |    |              |    |    |   |                    |              |             |      |  |                    |             |             |          |              |             |          |              |       |             |          |              |              |              |            |         |      |   |    |              |    |      |   |  |                |   |      |   |  |               |   |      |   |  |           |    |      |   |  |              |   |      |   |  |  |                    |         |             |      |       |     |             |         |              |     |             |         |          |        |              |         |              |        |             |         |  |  |  |
| 7                        | 42110 - Planted Red Pine                   | Sawtimber Poor  | 10.4           | 83        | 1-50        | N/A                     | Harvested in 2015 as part of the Garnet Big Pine timber sale. Only jack pine and deciduous species were harvested. Mature, poorly stocked red pine over mixed deciduous remains. Very close to becoming a two age stand. |              |    |          |    |    |             |    |              |    |    |   |                    |              |             |      |  |                    |             |             |          |              |             |          |              |       |             |          |              |              |              |            |         |      |   |    |              |    |      |   |  |                |   |      |   |  |               |   |      |   |  |           |    |      |   |  |              |   |      |   |  |  |                    |         |             |      |       |     |             |         |              |     |             |         |          |        |              |         |              |        |             |         |  |  |  |
|                          |  | <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr><td>Red Pine</td><td>85</td><td>Log/XLog</td><td>15</td><td>83</td></tr> <tr><td>Sugar Maple</td><td>10</td><td>Sapling/Pole</td><td>4</td><td></td></tr> <tr><td>Paper Birch</td><td>5</td><td>Sapling/Pole</td><td>4</td><td></td></tr> </tbody> </table>   | Canopy Species | % Cover   | Size Class  | DBH                     | Age  | Red Pine     | 85 | Log/XLog | 15 | 83 | Sugar Maple | 10 | Sapling/Pole | 4  |    | Paper Birch   | 5                  | Sapling/Pole | 4           |      | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr><td>Black Cherry</td><td>High</td><td>Variable</td><td>Sapling</td></tr> <tr><td>Beech</td><td>High</td><td>Variable</td><td>Sapling</td></tr> <tr><td>Maple (spp.)</td><td>High</td><td>Variable</td><td>Sapling</td></tr> </tbody> </table> | Sub-Canopy Species | Density     | Avg. Height | Size     | Black Cherry | High        | Variable | Sapling      | Beech | High        | Variable | Sapling      | Maple (spp.) | High         | Variable   | Sapling |      |   |    |              |    |      |   |  |                |   |      |   |  |               |   |      |   |  |           |    |      |   |  |              |   |      |   |  |  |                    |         |             |      |       |     |             |         |              |     |             |         |          |        |              |         |              |        |             |         |  |  |  |
| Canopy Species           | % Cover                                    | Size Class  | DBH            | Age       |             |                         |  |              |    |          |    |    |             |    |              |    |    |   |                    |              |             |      |  |                    |             |             |          |              |             |          |              |       |             |          |              |              |              |            |         |      |   |    |              |    |      |   |  |                |   |      |   |  |               |   |      |   |  |           |    |      |   |  |              |   |      |   |  |  |                    |         |             |      |       |     |             |         |              |     |             |         |          |        |              |         |              |        |             |         |  |  |  |
| Red Pine                 | 85   | Log/XLog  | 15             | 83        |             |                         |  |              |    |          |    |    |             |    |              |    |    |   |                    |              |             |      |  |                    |             |             |          |              |             |          |              |       |             |          |              |              |              |            |         |      |   |    |              |    |      |   |  |                |   |      |   |  |               |   |      |   |  |           |    |      |   |  |              |   |      |   |  |  |                    |         |             |      |       |     |             |         |              |     |             |         |          |        |              |         |              |        |             |         |  |  |  |
| Sugar Maple              | 10   | Sapling/Pole  | 4              |           |             |                         |  |              |    |          |    |    |             |    |              |    |    |   |                    |              |             |      |  |                    |             |             |          |              |             |          |              |       |             |          |              |              |              |            |         |      |   |    |              |    |      |   |  |                |   |      |   |  |               |   |      |   |  |           |    |      |   |  |              |   |      |   |  |  |                    |         |             |      |       |     |             |         |              |     |             |         |          |        |              |         |              |        |             |         |  |  |  |
| Paper Birch              | 5  | Sapling/Pole  | 4              |           |             |                         |  |              |    |          |    |    |             |    |              |    |    |   |                    |              |             |      |  |                    |             |             |          |              |             |          |              |       |             |          |              |              |              |            |         |      |   |    |              |    |      |   |  |                |   |      |   |  |               |   |      |   |  |           |    |      |   |  |              |   |      |   |  |  |                    |         |             |      |       |     |             |         |              |     |             |         |          |        |              |         |              |        |             |         |  |  |  |
| Sub-Canopy Species       | Density                                    | Avg. Height   | Size           |           |             |                         |  |              |    |          |    |    |             |    |              |    |    |   |                    |              |             |      |  |                    |             |             |          |              |             |          |              |       |             |          |              |              |              |            |         |      |   |    |              |    |      |   |  |                |   |      |   |  |               |   |      |   |  |           |    |      |   |  |              |   |      |   |  |  |                    |         |             |      |       |     |             |         |              |     |             |         |          |        |              |         |              |        |             |         |  |  |  |
| Black Cherry             | High                                       | Variable  | Sapling        |           |             |                         |  |              |    |          |    |    |             |    |              |    |    |   |                    |              |             |      |  |                    |             |             |          |              |             |          |              |       |             |          |              |              |              |            |         |      |   |    |              |    |      |   |  |                |   |      |   |  |               |   |      |   |  |           |    |      |   |  |              |   |      |   |  |  |                    |         |             |      |       |     |             |         |              |     |             |         |          |        |              |         |              |        |             |         |  |  |  |
| Beech                    | High                                       | Variable  | Sapling        |           |             |                         |  |              |    |          |    |    |             |    |              |    |    |   |                    |              |             |      |  |                    |             |             |          |              |             |          |              |       |             |          |              |              |              |            |         |      |   |    |              |    |      |   |  |                |   |      |   |  |               |   |      |   |  |           |    |      |   |  |              |   |      |   |  |  |                    |         |             |      |       |     |             |         |              |     |             |         |          |        |              |         |              |        |             |         |  |  |  |
| Maple (spp.)             | High                                       | Variable  | Sapling        |           |             |                         |  |              |    |          |    |    |             |    |              |    |    |   |                    |              |             |      |  |                    |             |             |          |              |             |          |              |       |             |          |              |              |              |            |         |      |   |    |              |    |      |   |  |                |   |      |   |  |               |   |      |   |  |           |    |      |   |  |              |   |      |   |  |  |                    |         |             |      |       |     |             |         |              |     |             |         |          |        |              |         |              |        |             |         |  |  |  |
| 8                        | 42110 - Planted Red Pine                   | Sapling Well  | 19.5           | 23        | Immature    | N/A                     | Young red pine plantation with lots of regeneration that looks healthy. Hardwood whips scattered throughout stand and jack pine saplings along the edges.  |              |    |          |    |    |             |    |              |    |    |   |                    |              |             |      |  |                    |             |             |          |              |             |          |              |       |             |          |              |              |              |            |         |      |   |    |              |    |      |   |  |                |   |      |   |  |               |   |      |   |  |           |    |      |   |  |              |   |      |   |  |  |                    |         |             |      |       |     |             |         |              |     |             |         |          |        |              |         |              |        |             |         |  |  |  |
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| Canopy Species           | % Cover                                    | Size Class  | DBH            | Age       |             |                         |  |              |    |          |    |    |             |    |              |    |    |   |                    |              |             |      |  |                    |             |             |          |              |             |          |              |       |             |          |              |              |              |            |         |      |   |    |              |    |      |   |  |                |   |      |   |  |               |   |      |   |  |           |    |      |   |  |              |   |      |   |  |  |                    |         |             |      |       |     |             |         |              |     |             |         |          |        |              |         |              |        |             |         |  |  |  |
| Black Cherry             | 2  | Sapling   | 2              |           |             |                         |  |              |    |          |    |    |             |    |              |    |    |   |                    |              |             |      |  |                    |             |             |          |              |             |          |              |       |             |          |              |              |              |            |         |      |   |    |              |    |      |   |  |                |   |      |   |  |               |   |      |   |  |           |    |      |   |  |              |   |      |   |  |  |                    |         |             |      |       |     |             |         |              |     |             |         |          |        |              |         |              |        |             |         |  |  |  |
| Sugar Maple              | 2  | Sapling   | 3              |           |             |                         |  |              |    |          |    |    |             |    |              |    |    |   |                    |              |             |      |  |                    |             |             |          |              |             |          |              |       |             |          |              |              |              |            |         |      |   |    |              |    |      |   |  |                |   |      |   |  |               |   |      |   |  |           |    |      |   |  |              |   |      |   |  |  |                    |         |             |      |       |     |             |         |              |     |             |         |          |        |              |         |              |        |             |         |  |  |  |
| Red Pine                 | 94   | Sapling   | 3              | 23        |             |                         |  |              |    |          |    |    |             |    |              |    |    |   |                    |              |             |      |  |                    |             |             |          |              |             |          |              |       |             |          |              |              |              |            |         |      |   |    |              |    |      |   |  |                |   |      |   |  |               |   |      |   |  |           |    |      |   |  |              |   |      |   |  |  |                    |         |             |      |       |     |             |         |              |     |             |         |          |        |              |         |              |        |             |         |  |  |  |
| Jack Pine                | 2  | Sapling   | 3              |           |             |                         |  |              |    |          |    |    |             |    |              |    |    |   |                    |              |             |      |  |                    |             |             |          |              |             |          |              |       |             |          |              |              |              |            |         |      |   |    |              |    |      |   |  |                |   |      |   |  |               |   |      |   |  |           |    |      |   |  |              |   |      |   |  |  |                    |         |             |      |       |     |             |         |              |     |             |         |          |        |              |         |              |        |             |         |  |  |  |
| 9                        | 6225 - Bog                                 | Nonstocked  | 1.9            |           |             | No                      |  |              |    |          |    |    |             |    |              |    |    |   |                    |              |             |      |  |                    |             |             |          |              |             |          |              |       |             |          |              |              |              |            |         |      |   |    |              |    |      |   |  |                |   |      |   |  |               |   |      |   |  |           |    |      |   |  |              |   |      |   |  |  |                    |         |             |      |       |     |             |         |              |     |             |         |          |        |              |         |              |        |             |         |  |  |  |
| 10                       | 42110 - Planted Red Pine                   | Sawtimber Well  | 23.6           | 83        | 111-140     | N/A                     | Nice red pine stand with trees that have clean boles and large diameters. Scattered black cherry and low-med. density whips.   |              |    |          |    |    |             |    |              |    |    |   |                    |              |             |      |  |                    |             |             |          |              |             |          |              |       |             |          |              |              |              |            |         |      |   |    |              |    |      |   |  |                |   |      |   |  |               |   |      |   |  |           |    |      |   |  |              |   |      |   |  |  |                    |         |             |      |       |     |             |         |              |     |             |         |          |        |              |         |              |        |             |         |  |  |  |
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| Canopy Species           | % Cover                                    | Size Class  | DBH            | Age       |             |                         |  |              |    |          |    |    |             |    |              |    |    |   |                    |              |             |      |  |                    |             |             |          |              |             |          |              |       |             |          |              |              |              |            |         |      |   |    |              |    |      |   |  |                |   |      |   |  |               |   |      |   |  |           |    |      |   |  |              |   |      |   |  |  |                    |         |             |      |       |     |             |         |              |     |             |         |          |        |              |         |              |        |             |         |  |  |  |
| Black Cherry             | 2  | Pole  | 9              |           |             |                         |  |              |    |          |    |    |             |    |              |    |    |   |                    |              |             |      |  |                    |             |             |          |              |             |          |              |       |             |          |              |              |              |            |         |      |   |    |              |    |      |   |  |                |   |      |   |  |               |   |      |   |  |           |    |      |   |  |              |   |      |   |  |  |                    |         |             |      |       |     |             |         |              |     |             |         |          |        |              |         |              |        |             |         |  |  |  |
| Red Pine                 | 98   | Log/XLog  | 14             | 83        |             |                         |  |              |    |          |    |    |             |    |              |    |    |   |                    |              |             |      |  |                    |             |             |          |              |             |          |              |       |             |          |              |              |              |            |         |      |   |    |              |    |      |   |  |                |   |      |   |  |               |   |      |   |  |           |    |      |   |  |              |   |      |   |  |  |                    |         |             |      |       |     |             |         |              |     |             |         |          |        |              |         |              |        |             |         |  |  |  |
| Sub-Canopy Species       | Density                                    | Avg. Height   | Size           |           |             |                         |  |              |    |          |    |    |             |    |              |    |    |   |                    |              |             |      |  |                    |             |             |          |              |             |          |              |       |             |          |              |              |              |            |         |      |   |    |              |    |      |   |  |                |   |      |   |  |               |   |      |   |  |           |    |      |   |  |              |   |      |   |  |  |                    |         |             |      |       |     |             |         |              |     |             |         |          |        |              |         |              |        |             |         |  |  |  |
| Beech                    | Low  | 5 - 10 feet   | Sapling        |           |             |                         |  |              |    |          |    |    |             |    |              |    |    |   |                    |              |             |      |  |                    |             |             |          |              |             |          |              |       |             |          |              |              |              |            |         |      |   |    |              |    |      |   |  |                |   |      |   |  |               |   |      |   |  |           |    |      |   |  |              |   |      |   |  |  |                    |         |             |      |       |     |             |         |              |     |             |         |          |        |              |         |              |        |             |         |  |  |  |
| Conifers                 | Low  | 5 - 10 feet   | Sapling        |           |             |                         |  |              |    |          |    |    |             |    |              |    |    |   |                    |              |             |      |  |                    |             |             |          |              |             |          |              |       |             |          |              |              |              |            |         |      |   |    |              |    |      |   |  |                |   |      |   |  |               |   |      |   |  |           |    |      |   |  |              |   |      |   |  |  |                    |         |             |      |       |     |             |         |              |     |             |         |          |        |              |         |              |        |             |         |  |  |  |
| Black Cherry             | Low  | 5 - 10 feet   | Sapling        |           |             |                         |  |              |    |          |    |    |             |    |              |    |    |   |                    |              |             |      |  |                    |             |             |          |              |             |          |              |       |             |          |              |              |              |            |         |      |   |    |              |    |      |   |  |                |   |      |   |  |               |   |      |   |  |           |    |      |   |  |              |   |      |   |  |  |                    |         |             |      |       |     |             |         |              |     |             |         |          |        |              |         |              |        |             |         |  |  |  |
| Maple (spp.)             | Medium                                     | 10 - 20 feet  | Sapling        |           |             |                         |  |              |    |          |    |    |             |    |              |    |    |   |                    |              |             |      |  |                    |             |             |          |              |             |          |              |       |             |          |              |              |              |            |         |      |   |    |              |    |      |   |  |                |   |      |   |  |               |   |      |   |  |           |    |      |   |  |              |   |      |   |  |  |                    |         |             |      |       |     |             |         |              |     |             |         |          |        |              |         |              |        |             |         |  |  |  |
| 11                       | 330 - Low-Density Trees                    | Nonstocked  | 2.7            |           | Unspecified | 4211 - Planted Red Pine | Stand is going to be clearcut and combined with adjacent stands.   |              |    |          |    |    |             |    |              |    |    |   |                    |              |             |      |  |                    |             |             |          |              |             |          |              |       |             |          |              |              |              |            |         |      |   |    |              |    |      |   |  |                |   |      |   |  |               |   |      |   |  |           |    |      |   |  |              |   |      |   |  |  |                    |         |             |      |       |     |             |         |              |     |             |         |          |        |              |         |              |        |             |         |  |  |  |



| Stand              | Level 4 Cover Type                      | Size Density  | Acres   | Stand Age      | BA Range    | Managed Site | General Comments  |     |              |    |          |   |  |             |    |         |   |    |             |    |          |    |    |   |    |                    |         |             |             |          |     |             |         |  |        |                    |         |             |        |              |         |             |         |          |        |              |         |       |     |             |         |  |  |
|--------------------|---|---|---------|----------------|-------------|--------------|---|-----|--------------|----|----------|---|--|-------------|----|---------|---|----|-------------|----|----------|----|----|---|----|--------------------|---------|-------------|-------------|----------|-----|-------------|---------|--|--------|--------------------|---------|-------------|--------|--------------|---------|-------------|---------|----------|--------|--------------|---------|-------|-----|-------------|---------|--|--|
| 12                 | 4110 - Sugar Maple Association          | Sawtimber Well  | 31.1    | 90             | 81-110      | N/A          | Hardwood stand that was thinned in 2006. Stand has a nice component of paper birch. Not the greatest quality maple in this stand. There are a few scattered white pine. Lots of regeneration. |     |              |    |          |   |  |             |    |         |   |    |             |    |          |    |    |   |    |                    |         |             |             |          |     |             |         |  |        |                    |         |             |        |              |         |             |         |          |        |              |         |       |     |             |         |  |  |
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| Canopy Species     | % Cover                                 | Size Class  | DBH     | Age            |             |              |   |     |              |    |          |   |  |             |    |         |   |    |             |    |          |    |    |   |    |                    |         |             |             |          |     |             |         |  |        |                    |         |             |        |              |         |             |         |          |        |              |         |       |     |             |         |  |  |
| Black Cherry       | 10                                      | Pole/Log  | 9       |                |             |              |   |     |              |    |          |   |  |             |    |         |   |    |             |    |          |    |    |   |    |                    |         |             |             |          |     |             |         |  |        |                    |         |             |        |              |         |             |         |          |        |              |         |       |     |             |         |  |  |
| Ironwood           | 3                                       | Pole  | 6       |                |             |              |   |     |              |    |          |   |  |             |    |         |   |    |             |    |          |    |    |   |    |                    |         |             |             |          |     |             |         |  |        |                    |         |             |        |              |         |             |         |          |        |              |         |       |     |             |         |  |  |
| Sugar Maple        | 70                                      | Log   | 11      | 90             |             |              |   |     |              |    |          |   |  |             |    |         |   |    |             |    |          |    |    |   |    |                    |         |             |             |          |     |             |         |  |        |                    |         |             |        |              |         |             |         |          |        |              |         |       |     |             |         |  |  |
| White Pine         | 2                                       | Log   | 14      |                |             |              |   |     |              |    |          |   |  |             |    |         |   |    |             |    |          |    |    |   |    |                    |         |             |             |          |     |             |         |  |        |                    |         |             |        |              |         |             |         |          |        |              |         |       |     |             |         |  |  |
| Paper Birch        | 15                                      | Log   | 13      |                |             |              |   |     |              |    |          |   |  |             |    |         |   |    |             |    |          |    |    |   |    |                    |         |             |             |          |     |             |         |  |        |                    |         |             |        |              |         |             |         |          |        |              |         |       |     |             |         |  |  |
| Sub-Canopy Species | Density                                 | Avg. Height   | Size    |                |             |              |   |     |              |    |          |   |  |             |    |         |   |    |             |    |          |    |    |   |    |                    |         |             |             |          |     |             |         |  |        |                    |         |             |        |              |         |             |         |          |        |              |         |       |     |             |         |  |  |
| Maple (spp.)       | Medium                                  | 5 - 10 feet   | Sapling |                |             |              |   |     |              |    |          |   |  |             |    |         |   |    |             |    |          |    |    |   |    |                    |         |             |             |          |     |             |         |  |        |                    |         |             |        |              |         |             |         |          |        |              |         |       |     |             |         |  |  |
| Conifers           | Medium                                  | 10 - 20 feet  | Sapling |                |             |              |   |     |              |    |          |   |  |             |    |         |   |    |             |    |          |    |    |   |    |                    |         |             |             |          |     |             |         |  |        |                    |         |             |        |              |         |             |         |          |        |              |         |       |     |             |         |  |  |
| Beech              | Low                                     | 5 - 10 feet   | Sapling |                |             |              |   |     |              |    |          |   |  |             |    |         |   |    |             |    |          |    |    |   |    |                    |         |             |             |          |     |             |         |  |        |                    |         |             |        |              |         |             |         |          |        |              |         |       |     |             |         |  |  |
| 13                 | 122 - Road/Parking Lot                  | Nonstocked  | 2.5     | 0              | Unspecified | No           | Railroad  |     |              |    |          |   |  |             |    |         |   |    |             |    |          |    |    |   |    |                    |         |             |             |          |     |             |         |  |        |                    |         |             |        |              |         |             |         |          |        |              |         |       |     |             |         |  |  |
| 14                 | 4112 - Maple, Beech, Cherry Association | Sapling Well  | 1.9     | 24             | Immature    | N/A          | A sapling sized mixed deciduous stand. A pocket of good hardwood regen in the middle of red pine plantations.   |     |              |    |          |   |  |             |    |         |   |    |             |    |          |    |    |   |    |                    |         |             |             |          |     |             |         |  |        |                    |         |             |        |              |         |             |         |          |        |              |         |       |     |             |         |  |  |
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| Canopy Species     | % Cover                                 | Size Class  | DBH     | Age            |             |              |   |     |              |    |          |   |  |             |    |         |   |    |             |    |          |    |    |   |    |                    |         |             |             |          |     |             |         |  |        |                    |         |             |        |              |         |             |         |          |        |              |         |       |     |             |         |  |  |
| Black Cherry       | 29                                      | Sapling   | 2       |                |             |              |   |     |              |    |          |   |  |             |    |         |   |    |             |    |          |    |    |   |    |                    |         |             |             |          |     |             |         |  |        |                    |         |             |        |              |         |             |         |          |        |              |         |       |     |             |         |  |  |
| Sugar Maple        | 40                                      | Sapling   | 2       | 24             |             |              |   |     |              |    |          |   |  |             |    |         |   |    |             |    |          |    |    |   |    |                    |         |             |             |          |     |             |         |  |        |                    |         |             |        |              |         |             |         |          |        |              |         |       |     |             |         |  |  |
| Balsam Fir         | 2                                       | Sapling   | 3       |                |             |              |   |     |              |    |          |   |  |             |    |         |   |    |             |    |          |    |    |   |    |                    |         |             |             |          |     |             |         |  |        |                    |         |             |        |              |         |             |         |          |        |              |         |       |     |             |         |  |  |
| Beech              | 29                                      | Sapling   | 2       |                |             |              |   |     |              |    |          |   |  |             |    |         |   |    |             |    |          |    |    |   |    |                    |         |             |             |          |     |             |         |  |        |                    |         |             |        |              |         |             |         |          |        |              |         |       |     |             |         |  |  |
| 16                 | 42110 - Planted Red Pine                | Sapling Well  | 25.1    | 24             | Immature    | N/A          | Young red pine plantation with excellent regeneration. Stand has some scattered jack pine. Grasses growing under the red pine.  |     |              |    |          |   |  |             |    |         |   |    |             |    |          |    |    |   |    |                    |         |             |             |          |     |             |         |  |        |                    |         |             |        |              |         |             |         |          |        |              |         |       |     |             |         |  |  |
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| Canopy Species     | % Cover                                 | Size Class  | DBH     | Age            |             |              |   |     |              |    |          |   |  |             |    |         |   |    |             |    |          |    |    |   |    |                    |         |             |             |          |     |             |         |  |        |                    |         |             |        |              |         |             |         |          |        |              |         |       |     |             |         |  |  |
| Black Cherry       | 2                                       | Sapling   | 3       |                |             |              |   |     |              |    |          |   |  |             |    |         |   |    |             |    |          |    |    |   |    |                    |         |             |             |          |     |             |         |  |        |                    |         |             |        |              |         |             |         |          |        |              |         |       |     |             |         |  |  |
| Jack Pine          | 2                                       | Sapling   | 2       |                |             |              |   |     |              |    |          |   |  |             |    |         |   |    |             |    |          |    |    |   |    |                    |         |             |             |          |     |             |         |  |        |                    |         |             |        |              |         |             |         |          |        |              |         |       |     |             |         |  |  |
| Red Pine           | 96                                      | Sapling   | 3       | 24             |             |              |   |     |              |    |          |   |  |             |    |         |   |    |             |    |          |    |    |   |    |                    |         |             |             |          |     |             |         |  |        |                    |         |             |        |              |         |             |         |          |        |              |         |       |     |             |         |  |  |
| 17                 | 42110 - Planted Red Pine                | Sawtimber Well  | 49.0    | 83             | 111-140     | N/A          | Jack pine, aspen and birch taken out in April 2016.   |     |              |    |          |   |  |             |    |         |   |    |             |    |          |    |    |   |    |                    |         |             |             |          |     |             |         |  |        |                    |         |             |        |              |         |             |         |          |        |              |         |       |     |             |         |  |  |
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| Canopy Species     | % Cover                                 | Size Class  | DBH     | Age            |             |              |   |     |              |    |          |   |  |             |    |         |   |    |             |    |          |    |    |   |    |                    |         |             |             |          |     |             |         |  |        |                    |         |             |        |              |         |             |         |          |        |              |         |       |     |             |         |  |  |
| Black Cherry       | 2                                       | Pole  | 7       |                |             |              |   |     |              |    |          |   |  |             |    |         |   |    |             |    |          |    |    |   |    |                    |         |             |             |          |     |             |         |  |        |                    |         |             |        |              |         |             |         |          |        |              |         |       |     |             |         |  |  |
| White Pine         | 2                                       | Pole  | 8       |                |             |              |   |     |              |    |          |   |  |             |    |         |   |    |             |    |          |    |    |   |    |                    |         |             |             |          |     |             |         |  |        |                    |         |             |        |              |         |             |         |          |        |              |         |       |     |             |         |  |  |
| Red Pine           | 96                                      | Log/XLog  | 15      | 83             |             |              |   |     |              |    |          |   |  |             |    |         |   |    |             |    |          |    |    |   |    |                    |         |             |             |          |     |             |         |  |        |                    |         |             |        |              |         |             |         |          |        |              |         |       |     |             |         |  |  |
| Sub-Canopy Species | Density                                 | Avg. Height   | Size    |                |             |              |   |     |              |    |          |   |  |             |    |         |   |    |             |    |          |    |    |   |    |                    |         |             |             |          |     |             |         |  |        |                    |         |             |        |              |         |             |         |          |        |              |         |       |     |             |         |  |  |
| Conifers           | Low                                     | 5 - 10 feet   | Sapling |                |             |              |   |     |              |    |          |   |  |             |    |         |   |    |             |    |          |    |    |   |    |                    |         |             |             |          |     |             |         |  |        |                    |         |             |        |              |         |             |         |          |        |              |         |       |     |             |         |  |  |
| Maple (spp.)       | Medium                                  | 5 - 10 feet   | Sapling |                |             |              |   |     |              |    |          |   |  |             |    |         |   |    |             |    |          |    |    |   |    |                    |         |             |             |          |     |             |         |  |        |                    |         |             |        |              |         |             |         |          |        |              |         |       |     |             |         |  |  |
| Beech              | Medium                                  | 5 - 10 feet   | Sapling |                |             |              |   |     |              |    |          |   |  |             |    |         |   |    |             |    |          |    |    |   |    |                    |         |             |             |          |     |             |         |  |        |                    |         |             |        |              |         |             |         |          |        |              |         |       |     |             |         |  |  |



| Stand | Level 4 Cover Type        | Size Density | Acres | Stand Age | BA Range    | Managed Site            | General Comments   |
|-------|---------------------------|--------------|-------|-----------|-------------|-------------------------|--|
| 18    | 310 - Herbaceous Openland | Nonstocked   | 56.2  | 0         | Unspecified | 4211 - Planted Red Pine | Stand was cut in the winter of 2018.<br><br>12/08/2020 - Trenching treatment terminated due to large amount of rock at or near surface. site will be site prep sprayed and then flat planted to RP<br><br>Stand sprayed 9/15/21.<br><br>Planted 5/5/2022. Flat planted at 843 TPA, 47400 total trees planted.<br><br>07/2022- Spray was effective with good coverage. Acceptable results.<br><br>First year regen survey completed 09/18/2022. 532 TPA red pine, 1618 TPA non-target spp. Heavy pockets of competition. Will need another release treatment.<br><br>02/03/2023 - Stand will be listed as a surplus planting site in 2023, if seedlings are available. If not, site will be replanted in 2024 and release sprayed the following year. |

|    |                          |              |      |    |          |     |  |
|----|--------------------------|--------------|------|----|----------|-----|--|
| 19 | 42110 - Planted Red Pine | Sapling Well | 13.0 | 23 | Immature | N/A | Young red pine stand with some scattered jack pine. Very thick regeneration. |
|----|--------------------------|--------------|------|----|----------|-----|--|

| Canopy Species | % Cover | Size Class | DBH | Age |
|----------------|---------|------------|-----|-----|
| Red Pine       | 93      | Sapling    | 3   | 23  |
| Black Cherry   | 2       | Sapling    | 3   |     |
| Jack Pine      | 5       | Sapling    | 3   |     |

|    |                          |                |      |    |      |     |  |
|----|--------------------------|----------------|------|----|------|-----|--|
| 20 | 42210 - Natural Red Pine | Sawtimber Poor | 15.0 | 83 | 1-50 | N/A | Harvested in 2015 as part of the Garnet Big Pine timber sale. Only jack pine and deciduous species were harvested. Small saw sized red pine and white spruce remain over a dense understory of mixed deciduous and jack pine saplings. Mature pine and spruce is patchy in clumps. |
|----|--------------------------|----------------|------|----|------|-----|--|

| Canopy Species | % Cover | Size Class | DBH | Age |
|----------------|---------|------------|-----|-----|
| Red Pine       | 80      | Log/Pole   | 10  | 83  |
| White Spruce   | 20      | Pole/Log   | 9   |     |

| Sub-Canopy Species | Density | Avg. Height | Size    |
|--------------------|---------|-------------|---------|
| Aspen (spp.)       | Low     | 5 - 10 feet | Sapling |
| Black Cherry       | High    | Variable    | Sapling |
| Balsam Fir         | Low     | 5 - 10 feet | Sapling |
| White Spruce       | Low     | 5 - 10 feet | Sapling |
| Jack Pine          | Medium  | 5 - 10 feet | Sapling |
| Maple (spp.)       | Low     | 5 - 10 feet | Sapling |

|    |                          |                 |     |    |  |     |   |
|----|--------------------------|-----------------|-----|----|--|-----|---|
| 21 | 4134 - Aspen, Spruce/Fir | Poletimber Well | 8.2 | 39 |  | N/A | Mixed aspen stand that has a lot of conifer scattered throughout the stand. The stand also has a few scattered yellow birch and super canopy white pine.. |
|----|--------------------------|-----------------|-----|----|--|-----|---|

| Canopy Species | % Cover | Size Class | DBH | Age |
|----------------|---------|------------|-----|-----|
| Quaking Aspen  | 30      | Pole       | 5   | 39  |
| Balsam Fir     | 20      | Pole       | 5   |     |
| Black Cherry   | 3       | Pole       | 6   |     |
| White Spruce   | 6       | Pole       | 4   |     |
| Red Maple      | 5       | Pole       | 6   |     |
| Ironwood       | 2       | Pole       | 5   |     |
| Paper Birch    | 12      | Pole       | 5   |     |
| Yellow Birch   | 2       | Pole       | 4   |     |
| Bigtooth Aspen | 20      | Pole       | 4   |     |

| Sub-Canopy Species | Density | Avg. Height  | Size    |
|--------------------|---------|--------------|---------|
| Yellow Birch       | Low     | 10 - 20 feet | Sapling |
| Conifers           | Medium  | 5 - 10 feet  | Sapling |
| Maple (spp.)       | Low     | 10 - 20 feet | Sapling |
| Black Cherry       | Low     | 5 - 10 feet  | Sapling |



| Stand                     | Level 4 Cover Type       | Size Density    | Acres              | Stand Age   | BA Range   | Managed Site | General Comments   |  |
|---------------------------|--------------------------|-----------------|--------------------|-------------|------------|--------------|--|--|
| <b>22</b>                 | 4311 - Pine, Aspen Mix   | Sapling Medium  | 51.0               | 23          | Immature   | N/A          | This is a failed red pine plantation that was planted in 2000. The stand was not trenched because it is too rocky. It was planted twice and failed. We are removing this stand from plantation status and letting it revert back to a more natural state. Portions of the stand may come back to red pine where the pine is thicker. |  |
| <b>Canopy Species</b>     |                          | <b>% Cover</b>  | <b>Size Class</b>  | <b>DBH</b>  | <b>Age</b> |              |  |  |
| Red Maple                 |                          | 5               | Sapling            | 2           |            |              |  |  |
| Quaking Aspen             |                          | 30              | Sapling            | 2           |            |              |  |  |
| Balsam Poplar             |                          | 10              | Sapling            | 3           |            |              |  |  |
| Black Cherry              |                          | 10              | Sapling            | 2           |            |              |  |  |
| Red Pine                  |                          | 40              | Sapling            | 2           | 23         |              |  |  |
| Balsam Fir                |                          | 5               | Sapling            | 4           |            |              |  |  |
| <b>23</b>                 | 42110 - Planted Red Pine | Sapling Well    | 24.0               | 4           | Immature   | N/A          | Trenched in 2016. Site prep sprayed in 2016. Planted in 2017. FTP C44-611/613 Regen survey spring of 2018 - 556 tr/ac. Replant in 2019 planted 550 Tr/ac.  |  |
| <b>Canopy Species</b>     |                          | <b>% Cover</b>  | <b>Size Class</b>  | <b>DBH</b>  | <b>Age</b> |              |  |  |
| Red Pine                  |                          | 100             | Sapling            | 2           | 4          |              |  |  |
| <b>24</b>                 | 4132 - Aspen, Jack Pine  | Poletimber Well | 8.5                | 33          |            | N/A          | This is an aspen stand that has scattered jack pine. There are illegal 4-wheeler trail and brush piles in the stand.   |  |
| <b>Canopy Species</b>     |                          | <b>% Cover</b>  | <b>Size Class</b>  | <b>DBH</b>  | <b>Age</b> |              |  |  |
| Balsam Poplar             |                          | 5               | Pole               | 4           |            |              |  |  |
| White Spruce              |                          | 5               | Pole               | 8           |            |              |  |  |
| Jack Pine                 |                          | 25              | Pole               | 9           |            |              |  |  |
| Black Cherry              |                          | 10              | Pole               | 9           |            |              |  |  |
| Paper Birch               |                          | 5               | Pole               | 8           |            |              |  |  |
| Quaking Aspen             |                          | 28              | Pole               | 6           | 33         |              |  |  |
| Balsam Fir                |                          | 5               | Pole               | 6           |            |              |  |  |
| Bigtooth Aspen            |                          | 17              | Pole               | 6           |            |              |  |  |
| <b>Sub-Canopy Species</b> |                          | <b>Density</b>  | <b>Avg. Height</b> | <b>Size</b> |            |              |  |  |
| Black Cherry              |                          | Medium          | 5 - 10 feet        | Sapling     |            |              |  |  |
| Conifers                  |                          | Low             | 5 - 10 feet        | Sapling     |            |              |  |  |
| Beech                     |                          | Low             | 5 - 10 feet        | Sapling     |            |              |  |  |
| Maple (spp.)              |                          | Low             | 10 - 20 feet       | Sapling     |            |              |  |  |
| <b>25</b>                 | 42210 - Natural Red Pine | Sawtimber Poor  | 9.1                | 81          | 1-50       | N/A          | Cut in 2015. Mostly sparse saw size red pine in clumps throughout stand with cherry mixed in. Aspen, jack pine, cherry, and some hardwoods in understory from harvest. Poor, rocky site.   |  |
| <b>Canopy Species</b>     |                          | <b>% Cover</b>  | <b>Size Class</b>  | <b>DBH</b>  | <b>Age</b> |              |  |  |
| Balsam Fir                |                          | 2               | Pole               | 7           |            |              |  |  |
| Red Pine                  |                          | 95              | Log/XLog           | 16          | 81         |              |  |  |
| Black Cherry              |                          | 3               | Pole               | 8           |            |              |  |  |
| <b>Sub-Canopy Species</b> |                          | <b>Density</b>  | <b>Avg. Height</b> | <b>Size</b> |            |              |  |  |
| Maple (spp.)              |                          | Low             | Variable           | Sapling     |            |              |  |  |
| Bigtooth Aspen            |                          | Medium          | 10 - 20 feet       | Sapling     |            |              |  |  |
| Paper Birch               |                          | Low             | Variable           | Sapling     |            |              |  |  |
| Jack Pine                 |                          | Low             | Variable           | Sapling     |            |              |  |  |
| Black Cherry              |                          | Medium          | Variable           | Sapling     |            |              |  |  |
| Beech                     |                          | Low             | Variable           | Sapling     |            |              |  |  |
| <b>26</b>                 | 330 - Low-Density Trees  | Nonstocked      | 3.5                |             |            | No           |  |  |



| Stand  | Level 4 Cover Type             | Size Density | Acres | Stand Age | BA Range | Managed Site | General Comments   |                |         |            |     |     |              |   |              |   |  |              |    |         |   |  |                          |    |         |   |  |             |    |              |   |    |               |    |              |   |    |                |    |         |   |    |                |    |         |   |  |               |   |         |   |  |            |   |      |   |  |
|--|--------------------------------|--------------|-------|-----------|----------|--------------|--|----------------|---------|------------|-----|-----|--------------|---|--------------|---|--|--------------|----|---------|---|--|--------------------------|----|---------|---|--|-------------|----|--------------|---|----|---------------|----|--------------|---|----|----------------|----|---------|---|----|----------------|----|---------|---|--|---------------|---|---------|---|--|------------|---|------|---|--|
| <b>27</b>  | 4139 - Aspen, Mixed Deciduous  | Sapling Well | 19.5  | 33        |          | N/A          | Sapling aspen stand with scattered white pine and black cherry. Good regeneration after harvest. |                |         |            |     |     |              |   |              |   |  |              |    |         |   |  |                          |    |         |   |  |             |    |              |   |    |               |    |              |   |    |                |    |         |   |    |                |    |         |   |  |               |   |         |   |  |            |   |      |   |  |
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| Canopy Species   | % Cover                        | Size Class   | DBH   | Age       |          |              |  |                |         |            |     |     |              |   |              |   |  |              |    |         |   |  |                          |    |         |   |  |             |    |              |   |    |               |    |              |   |    |                |    |         |   |    |                |    |         |   |  |               |   |         |   |  |            |   |      |   |  |
| White Spruce   | 5                              | Pole         | 5     |           |          |              |  |                |         |            |     |     |              |   |              |   |  |              |    |         |   |  |                          |    |         |   |  |             |    |              |   |    |               |    |              |   |    |                |    |         |   |    |                |    |         |   |  |               |   |         |   |  |            |   |      |   |  |
| Balsam Fir   | 10                             | Pole         | 5     |           |          |              |  |                |         |            |     |     |              |   |              |   |  |              |    |         |   |  |                          |    |         |   |  |             |    |              |   |    |               |    |              |   |    |                |    |         |   |    |                |    |         |   |  |               |   |         |   |  |            |   |      |   |  |
| Black Cherry   | 10                             | Sapling      | 3     |           |          |              |  |                |         |            |     |     |              |   |              |   |  |              |    |         |   |  |                          |    |         |   |  |             |    |              |   |    |               |    |              |   |    |                |    |         |   |    |                |    |         |   |  |               |   |         |   |  |            |   |      |   |  |
| Paper Birch  | 10                             | Pole         | 5     |           |          |              |  |                |         |            |     |     |              |   |              |   |  |              |    |         |   |  |                          |    |         |   |  |             |    |              |   |    |               |    |              |   |    |                |    |         |   |    |                |    |         |   |  |               |   |         |   |  |            |   |      |   |  |
| Ironwood   | 2                              | Pole         | 4     |           |          |              |  |                |         |            |     |     |              |   |              |   |  |              |    |         |   |  |                          |    |         |   |  |             |    |              |   |    |               |    |              |   |    |                |    |         |   |    |                |    |         |   |  |               |   |         |   |  |            |   |      |   |  |
| Quaking Aspen  | 40                             | Sapling      | 3     | 33        |          |              |  |                |         |            |     |     |              |   |              |   |  |              |    |         |   |  |                          |    |         |   |  |             |    |              |   |    |               |    |              |   |    |                |    |         |   |    |                |    |         |   |  |               |   |         |   |  |            |   |      |   |  |
| Bigtooth Aspen   | 17                             | Sapling      | 3     |           |          |              |  |                |         |            |     |     |              |   |              |   |  |              |    |         |   |  |                          |    |         |   |  |             |    |              |   |    |               |    |              |   |    |                |    |         |   |    |                |    |         |   |  |               |   |         |   |  |            |   |      |   |  |
| Balsam Poplar  | 4                              | Sapling      | 2     |           |          |              |  |                |         |            |     |     |              |   |              |   |  |              |    |         |   |  |                          |    |         |   |  |             |    |              |   |    |               |    |              |   |    |                |    |         |   |    |                |    |         |   |  |               |   |         |   |  |            |   |      |   |  |
| White Pine   | 2                              | Pole         | 9     |           |          |              |  |                |         |            |     |     |              |   |              |   |  |              |    |         |   |  |                          |    |         |   |  |             |    |              |   |    |               |    |              |   |    |                |    |         |   |    |                |    |         |   |  |               |   |         |   |  |            |   |      |   |  |
| <b>28</b>  | 310 - Herbaceous Openland      | Nonstocked   | 1.3   |           |          | No           |  |                |         |            |     |     |              |   |              |   |  |              |    |         |   |  |                          |    |         |   |  |             |    |              |   |    |               |    |              |   |    |                |    |         |   |    |                |    |         |   |  |               |   |         |   |  |            |   |      |   |  |
| <b>29</b>  | 4130 - Aspen                   | Sapling Well | 14.8  | 38        |          | N/A          | Sapling sized aspen stand around the edge of an opening. Good regeneration. Scattered conifers.  |                |         |            |     |     |              |   |              |   |  |              |    |         |   |  |                          |    |         |   |  |             |    |              |   |    |               |    |              |   |    |                |    |         |   |    |                |    |         |   |  |               |   |         |   |  |            |   |      |   |  |
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| Canopy Species   | % Cover                        | Size Class   | DBH   | Age       |          |              |  |                |         |            |     |     |              |   |              |   |  |              |    |         |   |  |                          |    |         |   |  |             |    |              |   |    |               |    |              |   |    |                |    |         |   |    |                |    |         |   |  |               |   |         |   |  |            |   |      |   |  |
| Balsam Fir   | 5                              | Pole/Sapling | 6     |           |          |              |  |                |         |            |     |     |              |   |              |   |  |              |    |         |   |  |                          |    |         |   |  |             |    |              |   |    |               |    |              |   |    |                |    |         |   |    |                |    |         |   |  |               |   |         |   |  |            |   |      |   |  |
| Black Cherry   | 10                             | Sapling      | 4     |           |          |              |  |                |         |            |     |     |              |   |              |   |  |              |    |         |   |  |                          |    |         |   |  |             |    |              |   |    |               |    |              |   |    |                |    |         |   |    |                |    |         |   |  |               |   |         |   |  |            |   |      |   |  |
| Sugar Maple  | 5                              | Sapling      | 4     |           |          |              |  |                |         |            |     |     |              |   |              |   |  |              |    |         |   |  |                          |    |         |   |  |             |    |              |   |    |               |    |              |   |    |                |    |         |   |    |                |    |         |   |  |               |   |         |   |  |            |   |      |   |  |
| Paper Birch  | 5                              | Pole/Sapling | 5     |           |          |              |  |                |         |            |     |     |              |   |              |   |  |              |    |         |   |  |                          |    |         |   |  |             |    |              |   |    |               |    |              |   |    |                |    |         |   |    |                |    |         |   |  |               |   |         |   |  |            |   |      |   |  |
| Quaking Aspen  | 50                             | Sapling      | 4     | 38        |          |              |  |                |         |            |     |     |              |   |              |   |  |              |    |         |   |  |                          |    |         |   |  |             |    |              |   |    |               |    |              |   |    |                |    |         |   |    |                |    |         |   |  |               |   |         |   |  |            |   |      |   |  |
| Bigtooth Aspen   | 25                             | Sapling      | 4     |           |          |              |  |                |         |            |     |     |              |   |              |   |  |              |    |         |   |  |                          |    |         |   |  |             |    |              |   |    |               |    |              |   |    |                |    |         |   |    |                |    |         |   |  |               |   |         |   |  |            |   |      |   |  |
| <b>30</b>  | 310 - Herbaceous Openland      | Nonstocked   | 1.6   |           |          | No           |  |                |         |            |     |     |              |   |              |   |  |              |    |         |   |  |                          |    |         |   |  |             |    |              |   |    |               |    |              |   |    |                |    |         |   |    |                |    |         |   |  |               |   |         |   |  |            |   |      |   |  |
| <b>31</b>  | 330 - Low-Density Trees        | Nonstocked   | 9.7   |           |          | No           |  |                |         |            |     |     |              |   |              |   |  |              |    |         |   |  |                          |    |         |   |  |             |    |              |   |    |               |    |              |   |    |                |    |         |   |    |                |    |         |   |  |               |   |         |   |  |            |   |      |   |  |
| <b>32</b>  | 4110 - Sugar Maple Association | Sapling Well | 20.6  | 37        | 1-50     | N/A          | Young maple stand with lots of black cherry regeneration and scattered conifers.                 |                |         |            |     |     |              |   |              |   |  |              |    |         |   |  |                          |    |         |   |  |             |    |              |   |    |               |    |              |   |    |                |    |         |   |    |                |    |         |   |  |               |   |         |   |  |            |   |      |   |  |
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| Canopy Species   | % Cover                        | Size Class   | DBH   | Age       |          |              |  |                |         |            |     |     |              |   |              |   |  |              |    |         |   |  |                          |    |         |   |  |             |    |              |   |    |               |    |              |   |    |                |    |         |   |    |                |    |         |   |  |               |   |         |   |  |            |   |      |   |  |
| Paper Birch  | 2                              | Pole/Sapling | 5     |           |          |              |  |                |         |            |     |     |              |   |              |   |  |              |    |         |   |  |                          |    |         |   |  |             |    |              |   |    |               |    |              |   |    |                |    |         |   |    |                |    |         |   |  |               |   |         |   |  |            |   |      |   |  |
| Black Cherry   | 26                             | Pole         | 5     |           |          |              |  |                |         |            |     |     |              |   |              |   |  |              |    |         |   |  |                          |    |         |   |  |             |    |              |   |    |               |    |              |   |    |                |    |         |   |    |                |    |         |   |  |               |   |         |   |  |            |   |      |   |  |
| Serviceberry (Juneberry)   | 2                              | Sapling      | 3     |           |          |              |  |                |         |            |     |     |              |   |              |   |  |              |    |         |   |  |                          |    |         |   |  |             |    |              |   |    |               |    |              |   |    |                |    |         |   |    |                |    |         |   |  |               |   |         |   |  |            |   |      |   |  |
| Sugar Maple  | 60                             | Sapling      | 4     | 37        |          |              |  |                |         |            |     |     |              |   |              |   |  |              |    |         |   |  |                          |    |         |   |  |             |    |              |   |    |               |    |              |   |    |                |    |         |   |    |                |    |         |   |  |               |   |         |   |  |            |   |      |   |  |
| Balsam Fir   | 10                             | Pole/Sapling | 5     |           |          |              |  |                |         |            |     |     |              |   |              |   |  |              |    |         |   |  |                          |    |         |   |  |             |    |              |   |    |               |    |              |   |    |                |    |         |   |    |                |    |         |   |  |               |   |         |   |  |            |   |      |   |  |



| Stand   | Level 4 Cover Type                         | Size Density      | Acres      | Stand Age  | BA Range | Managed Site | General Comments   |    |          |    |    |              |    |          |    |     |   |    |                    |         |             |           |          |          |             |         |  |     |                    |         |              |             |             |         |             |         |  |         |                    |            |             |        |              |         |             |         |          |         |             |         |              |     |             |         |              |     |              |         |  |  |  |  |
|---|--|-------------------|------------|------------|----------|--------------|--|----|----------|----|----|--------------|----|----------|----|-----|---|----|--------------------|---------|-------------|-----------|----------|----------|-------------|---------|--|-----|--------------------|---------|--------------|-------------|-------------|---------|-------------|---------|--|---------|--------------------|------------|-------------|--------|--------------|---------|-------------|---------|----------|---------|-------------|---------|--------------|-----|-------------|---------|--------------|-----|--------------|---------|--|--|--|--|
| <b>33</b>   | 42110 - Planted Red Pine                   | Sapling Well      | 11.3       | 24         | Immature | N/A          | Nice sapling red pine stand with scattered jack pine and black cherry. Raspberry and grasses growing under the pine.   |    |          |    |    |              |    |          |    |     |   |    |                    |         |             |           |          |          |             |         |  |     |                    |         |              |             |             |         |             |         |  |         |                    |            |             |        |              |         |             |         |          |         |             |         |              |     |             |         |              |     |              |         |  |  |  |  |
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| Canopy Species  | % Cover                                    | Size Class        | DBH        | Age        |          |              |  |    |          |    |    |              |    |          |    |     |   |    |                    |         |             |           |          |          |             |         |  |     |                    |         |              |             |             |         |             |         |  |         |                    |            |             |        |              |         |             |         |          |         |             |         |              |     |             |         |              |     |              |         |  |  |  |  |
| Black Cherry  | 2  | Sapling           | 2          |            |          |              |  |    |          |    |    |              |    |          |    |     |   |    |                    |         |             |           |          |          |             |         |  |     |                    |         |              |             |             |         |             |         |  |         |                    |            |             |        |              |         |             |         |          |         |             |         |              |     |             |         |              |     |              |         |  |  |  |  |
| Jack Pine   | 2  | Sapling           | 2          |            |          |              |  |    |          |    |    |              |    |          |    |     |   |    |                    |         |             |           |          |          |             |         |  |     |                    |         |              |             |             |         |             |         |  |         |                    |            |             |        |              |         |             |         |          |         |             |         |              |     |             |         |              |     |              |         |  |  |  |  |
| Red Pine  | 96   | Sapling           | 2          | 24         |          |              |  |    |          |    |    |              |    |          |    |     |   |    |                    |         |             |           |          |          |             |         |  |     |                    |         |              |             |             |         |             |         |  |         |                    |            |             |        |              |         |             |         |          |         |             |         |              |     |             |         |              |     |              |         |  |  |  |  |
| <b>34</b>   | 4110 - Sugar Maple Association             | Sawtimber Well    | 33.4       | 103        | 111-140  | N/A          | Good quality hardwood stand.   |    |          |    |    |              |    |          |    |     |   |    |                    |         |             |           |          |          |             |         |  |     |                    |         |              |             |             |         |             |         |  |         |                    |            |             |        |              |         |             |         |          |         |             |         |              |     |             |         |              |     |              |         |  |  |  |  |
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| Canopy Species  | % Cover                                    | Size Class        | DBH        | Age        |          |              |  |    |          |    |    |              |    |          |    |     |   |    |                    |         |             |           |          |          |             |         |  |     |                    |         |              |             |             |         |             |         |  |         |                    |            |             |        |              |         |             |         |          |         |             |         |              |     |             |         |              |     |              |         |  |  |  |  |
| Red Maple   | 2  | Log/Pole          | 13         |            |          |              |  |    |          |    |    |              |    |          |    |     |   |    |                    |         |             |           |          |          |             |         |  |     |                    |         |              |             |             |         |             |         |  |         |                    |            |             |        |              |         |             |         |          |         |             |         |              |     |             |         |              |     |              |         |  |  |  |  |
| Sugar Maple   | 95   | Log/Pole          | 13         | 103        |          |              |  |    |          |    |    |              |    |          |    |     |   |    |                    |         |             |           |          |          |             |         |  |     |                    |         |              |             |             |         |             |         |  |         |                    |            |             |        |              |         |             |         |          |         |             |         |              |     |             |         |              |     |              |         |  |  |  |  |
| Black Cherry  | 2  | Pole/Log          | 9          |            |          |              |  |    |          |    |    |              |    |          |    |     |   |    |                    |         |             |           |          |          |             |         |  |     |                    |         |              |             |             |         |             |         |  |         |                    |            |             |        |              |         |             |         |          |         |             |         |              |     |             |         |              |     |              |         |  |  |  |  |
| Beech   | 1  | Log/XLog          | 14         |            |          |              |  |    |          |    |    |              |    |          |    |     |   |    |                    |         |             |           |          |          |             |         |  |     |                    |         |              |             |             |         |             |         |  |         |                    |            |             |        |              |         |             |         |          |         |             |         |              |     |             |         |              |     |              |         |  |  |  |  |
| Sub-Canopy Species  | Density                                    | Avg. Height       | Size       |            |          |              |  |    |          |    |    |              |    |          |    |     |   |    |                    |         |             |           |          |          |             |         |  |     |                    |         |              |             |             |         |             |         |  |         |                    |            |             |        |              |         |             |         |          |         |             |         |              |     |             |         |              |     |              |         |  |  |  |  |
| Beech   | Low  | 5 - 10 feet       | Sapling    |            |          |              |  |    |          |    |    |              |    |          |    |     |   |    |                    |         |             |           |          |          |             |         |  |     |                    |         |              |             |             |         |             |         |  |         |                    |            |             |        |              |         |             |         |          |         |             |         |              |     |             |         |              |     |              |         |  |  |  |  |
| Blackberry/Raspberry  | High                                       | 5 - 10 feet       | Tall Shrub |            |          |              |  |    |          |    |    |              |    |          |    |     |   |    |                    |         |             |           |          |          |             |         |  |     |                    |         |              |             |             |         |             |         |  |         |                    |            |             |        |              |         |             |         |          |         |             |         |              |     |             |         |              |     |              |         |  |  |  |  |
| Sugar Maple   | Medium                                     | Variable          | Sapling    |            |          |              |  |    |          |    |    |              |    |          |    |     |   |    |                    |         |             |           |          |          |             |         |  |     |                    |         |              |             |             |         |             |         |  |         |                    |            |             |        |              |         |             |         |          |         |             |         |              |     |             |         |              |     |              |         |  |  |  |  |
| Red Maple   | Low  | Variable          | Sapling    |            |          |              |  |    |          |    |    |              |    |          |    |     |   |    |                    |         |             |           |          |          |             |         |  |     |                    |         |              |             |             |         |             |         |  |         |                    |            |             |        |              |         |             |         |          |         |             |         |              |     |             |         |              |     |              |         |  |  |  |  |
| <b>35</b>   | 42110 - Planted Red Pine                   | Sawtimber Medium  | 7.8        | 93         | 1-50     | N/A          | This stand has 40-50 BA of log sized red pine in the canopy and was under planted with red pine in 2000. The red pine in the sub canopy looks healthy with good stocking levels. Continue to monitor the health of the young red pine. |    |          |    |    |              |    |          |    |     |   |    |                    |         |             |           |          |          |             |         |  |     |                    |         |              |             |             |         |             |         |  |         |                    |            |             |        |              |         |             |         |          |         |             |         |              |     |             |         |              |     |              |         |  |  |  |  |
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| Canopy Species  | % Cover                                    | Size Class        | DBH        | Age        |          |              |  |    |          |    |    |              |    |          |    |     |   |    |                    |         |             |           |          |          |             |         |  |     |                    |         |              |             |             |         |             |         |  |         |                    |            |             |        |              |         |             |         |          |         |             |         |              |     |             |         |              |     |              |         |  |  |  |  |
| Red Maple   | 4  | Pole              | 7          |            |          |              |  |    |          |    |    |              |    |          |    |     |   |    |                    |         |             |           |          |          |             |         |  |     |                    |         |              |             |             |         |             |         |  |         |                    |            |             |        |              |         |             |         |          |         |             |         |              |     |             |         |              |     |              |         |  |  |  |  |
| Red Pine  | 96   | Log               | 15         | 93         |          |              |  |    |          |    |    |              |    |          |    |     |   |    |                    |         |             |           |          |          |             |         |  |     |                    |         |              |             |             |         |             |         |  |         |                    |            |             |        |              |         |             |         |          |         |             |         |              |     |             |         |              |     |              |         |  |  |  |  |
| Sub-Canopy Species  | Density                                    | Avg. Height       | Size       |            |          |              |  |    |          |    |    |              |    |          |    |     |   |    |                    |         |             |           |          |          |             |         |  |     |                    |         |              |             |             |         |             |         |  |         |                    |            |             |        |              |         |             |         |          |         |             |         |              |     |             |         |              |     |              |         |  |  |  |  |
| Red Pine  | High                                       | 5 - 10 feet       | Sapling    |            |          |              |  |    |          |    |    |              |    |          |    |     |   |    |                    |         |             |           |          |          |             |         |  |     |                    |         |              |             |             |         |             |         |  |         |                    |            |             |        |              |         |             |         |          |         |             |         |              |     |             |         |              |     |              |         |  |  |  |  |
| Black Cherry  | Low  | 5 - 10 feet       | Sapling    |            |          |              |  |    |          |    |    |              |    |          |    |     |   |    |                    |         |             |           |          |          |             |         |  |     |                    |         |              |             |             |         |             |         |  |         |                    |            |             |        |              |         |             |         |          |         |             |         |              |     |             |         |              |     |              |         |  |  |  |  |
| White Spruce  | Low  | 5 - 10 feet       | Sapling    |            |          |              |  |    |          |    |    |              |    |          |    |     |   |    |                    |         |             |           |          |          |             |         |  |     |                    |         |              |             |             |         |             |         |  |         |                    |            |             |        |              |         |             |         |          |         |             |         |              |     |             |         |              |     |              |         |  |  |  |  |
| Paper Birch   | Low  | 10 - 20 feet      | Sapling    |            |          |              |  |    |          |    |    |              |    |          |    |     |   |    |                    |         |             |           |          |          |             |         |  |     |                    |         |              |             |             |         |             |         |  |         |                    |            |             |        |              |         |             |         |          |         |             |         |              |     |             |         |              |     |              |         |  |  |  |  |
| <b>36</b>   | 123 - Other High Intensity Urban           | Nonstocked        | 7.8        |            |          | No           |  |    |          |    |    |              |    |          |    |     |   |    |                    |         |             |           |          |          |             |         |  |     |                    |         |              |             |             |         |             |         |  |         |                    |            |             |        |              |         |             |         |          |         |             |         |              |     |             |         |              |     |              |         |  |  |  |  |
| <b>37</b>   | 320 - Upland Shrub                         | Nonstocked        | 24.8       |            |          | No           |  |    |          |    |    |              |    |          |    |     |   |    |                    |         |             |           |          |          |             |         |  |     |                    |         |              |             |             |         |             |         |  |         |                    |            |             |        |              |         |             |         |          |         |             |         |              |     |             |         |              |     |              |         |  |  |  |  |
| <b>38</b>   | 122 - Road/Parking Lot                     | Nonstocked        | 8.0        |            |          | No           | H-40   |    |          |    |    |              |    |          |    |     |   |    |                    |         |             |           |          |          |             |         |  |     |                    |         |              |             |             |         |             |         |  |         |                    |            |             |        |              |         |             |         |          |         |             |         |              |     |             |         |              |     |              |         |  |  |  |  |
| <b>39</b>   | 4191 - Mixed Upland Deciduous with Conifer | Poletimber Medium | 2.0        | 36         | 1-50     | N/A          | A matrix of maple and white pine with grassy openings. Some conifers along the road are yellowing.   |    |          |    |    |              |    |          |    |     |   |    |                    |         |             |           |          |          |             |         |  |     |                    |         |              |             |             |         |             |         |  |         |                    |            |             |        |              |         |             |         |          |         |             |         |              |     |             |         |              |     |              |         |  |  |  |  |
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| Canopy Species  | % Cover                                    | Size Class        | DBH        | Age        |          |              |  |    |          |    |    |              |    |          |    |     |   |    |                    |         |             |           |          |          |             |         |  |     |                    |         |              |             |             |         |             |         |  |         |                    |            |             |        |              |         |             |         |          |         |             |         |              |     |             |         |              |     |              |         |  |  |  |  |
| White Pine  | 35   | Pole/Log          | 9          | 36         |          |              |  |    |          |    |    |              |    |          |    |     |   |    |                    |         |             |           |          |          |             |         |  |     |                    |         |              |             |             |         |             |         |  |         |                    |            |             |        |              |         |             |         |          |         |             |         |              |     |             |         |              |     |              |         |  |  |  |  |
| Black Cherry  | 10   | Pole              | 7          |            |          |              |  |    |          |    |    |              |    |          |    |     |   |    |                    |         |             |           |          |          |             |         |  |     |                    |         |              |             |             |         |             |         |  |         |                    |            |             |        |              |         |             |         |          |         |             |         |              |     |             |         |              |     |              |         |  |  |  |  |
| Quaking Aspen   | 10   | Pole              | 9          |            |          |              |  |    |          |    |    |              |    |          |    |     |   |    |                    |         |             |           |          |          |             |         |  |     |                    |         |              |             |             |         |             |         |  |         |                    |            |             |        |              |         |             |         |          |         |             |         |              |     |             |         |              |     |              |         |  |  |  |  |
| Red Maple   | 5  | Pole              | 9          |            |          |              |  |    |          |    |    |              |    |          |    |     |   |    |                    |         |             |           |          |          |             |         |  |     |                    |         |              |             |             |         |             |         |  |         |                    |            |             |        |              |         |             |         |          |         |             |         |              |     |             |         |              |     |              |         |  |  |  |  |
| Beech   | 5  | Log               | 13         |            |          |              |  |    |          |    |    |              |    |          |    |     |   |    |                    |         |             |           |          |          |             |         |  |     |                    |         |              |             |             |         |             |         |  |         |                    |            |             |        |              |         |             |         |          |         |             |         |              |     |             |         |              |     |              |         |  |  |  |  |
| Sugar Maple   | 35   | Log               | 12         |            |          |              |  |    |          |    |    |              |    |          |    |     |   |    |                    |         |             |           |          |          |             |         |  |     |                    |         |              |             |             |         |             |         |  |         |                    |            |             |        |              |         |             |         |          |         |             |         |              |     |             |         |              |     |              |         |  |  |  |  |
| Sub-Canopy Species  | Density                                    | Avg. Height       | Size       |            |          |              |  |    |          |    |    |              |    |          |    |     |   |    |                    |         |             |           |          |          |             |         |  |     |                    |         |              |             |             |         |             |         |  |         |                    |            |             |        |              |         |             |         |          |         |             |         |              |     |             |         |              |     |              |         |  |  |  |  |
| Maple (spp.)  | Low  | 5 - 10 feet       | Sapling    |            |          |              |  |    |          |    |    |              |    |          |    |     |   |    |                    |         |             |           |          |          |             |         |  |     |                    |         |              |             |             |         |             |         |  |         |                    |            |             |        |              |         |             |         |          |         |             |         |              |     |             |         |              |     |              |         |  |  |  |  |
| Conifers  | Medium                                     | 5 - 10 feet       | Sapling    |            |          |              |  |    |          |    |    |              |    |          |    |     |   |    |                    |         |             |           |          |          |             |         |  |     |                    |         |              |             |             |         |             |         |  |         |                    |            |             |        |              |         |             |         |          |         |             |         |              |     |             |         |              |     |              |         |  |  |  |  |
| Aspen (spp.)  | Low  | 5 - 10 feet       | Sapling    |            |          |              |  |    |          |    |    |              |    |          |    |     |   |    |                    |         |             |           |          |          |             |         |  |     |                    |         |              |             |             |         |             |         |  |         |                    |            |             |        |              |         |             |         |          |         |             |         |              |     |             |         |              |     |              |         |  |  |  |  |
| Black Cherry  | Low  | 10 - 20 feet      | Sapling    |            |          |              |  |    |          |    |    |              |    |          |    |     |   |    |                    |         |             |           |          |          |             |         |  |     |                    |         |              |             |             |         |             |         |  |         |                    |            |             |        |              |         |             |         |          |         |             |         |              |     |             |         |              |     |              |         |  |  |  |  |



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

**40** 4130 - Aspen Sapling Well 12.8 26 N/A

This stand is a combination of two aspen clear cuts that are less than ten years apart. Both portions of the stand have excellent regeneration and are doing well. Scattered conifers present in stand.

| Canopy Species | % Cover | Size Class | DBH | Age |
|----------------|---------|------------|-----|-----|
| Red Maple      | 2       | Sapling    | 3   |     |
| Balsam Fir     | 10      | Sapling    | 4   |     |
| Quaking Aspen  | 55      | Sapling    | 4   | 26  |
| Black Cherry   | 15      | Sapling    | 3   |     |
| White Spruce   | 2       | Sapling    | 3   |     |
| White Pine     | 2       | Pole       | 8   |     |
| Sugar Maple    | 2       | Sapling    | 3   |     |
| Bigtooth Aspen | 12      | Sapling    | 4   |     |

**41** 310 - Herbaceous Openland Nonstocked 2.6 No

**42** 4110 - Sugar Maple Association Sapling Well 13.2 29 Immature N/A

Young hardwoods stand that is mix of sugar maple and black cherry.

| Canopy Species | % Cover | Size Class | DBH | Age |
|----------------|---------|------------|-----|-----|
| Sugar Maple    | 50      | Sapling    | 4   | 29  |
| Red Maple      | 8       | Sapling    | 4   |     |
| Black Cherry   | 40      | Sapling    | 4   |     |
| Beech          | 2       | Sapling    | 3   |     |

**43** 4110 - Sugar Maple Association Poletimber Medium 3.0 84 51-80 N/A

Stand was thinned in 2016. Mostly hard maple pole timber mixed with some sawtimber. Some large pine and yellow birch mixed in throughout stand. Stand has mostly beech and ironwood advanced regen. Residual trees in southern finger of stand are in poor condition. Low BA in that part.

| Canopy Species | % Cover | Size Class   | DBH | Age | Sub-Canopy Species | Density | Avg. Height  | Size    |
|----------------|---------|--------------|-----|-----|--------------------|---------|--------------|---------|
| Beech          | 5       | Pole         | 8   |     | Beech              | Medium  | 10 - 20 feet | Sapling |
| Yellow Birch   | 5       | Pole/Log     | 9   |     | Black Cherry       | Low     | 10 - 20 feet | Sapling |
| Sugar Maple    | 80      | Pole/Log     | 9   | 84  | Conifers           | Low     | 10 - 20 feet | Sapling |
| Ironwood       | 2       | Pole         | 6   |     | Maple (spp.)       | Low     | 10 - 20 feet | Sapling |
| White Pine     | 6       | Log          | 14  |     | Yellow Birch       | Low     | < 5 feet     | Sapling |
| Bigtooth Aspen | 2       | Sapling/Pole | 4   |     | Ironwood           | Medium  | 10 - 20 feet | Sapling |

**44** 310 - Herbaceous Openland Nonstocked 7.8 No

**45** 4130 - Aspen Poletimber Medium 4.9 39 N/A

This is a pole size stand that is mostly aspen. The west end of the stand is dominated by white pine and black cherry. There is a wetland that runs into the stand on the east end. Aspen is growing all along the edges of the wetland.

| Canopy Species | % Cover | Size Class | DBH | Age |
|----------------|---------|------------|-----|-----|
| Bigtooth Aspen | 60      | Pole       | 6   | 39  |
| White Pine     | 17      | Pole       | 9   |     |
| Black Cherry   | 17      | Pole       | 7   |     |
| Sugar Maple    | 6       | Pole       | 8   |     |



| Stand  | Level 4 Cover Type            | Size Density      | Acres | Stand Age | BA Range           | Managed Site | General Comments  |                |         |            |     |     |                    |         |             |      |             |              |          |         |   |              |              |             |         |             |    |              |    |         |              |        |              |         |              |    |      |   |    |              |        |             |         |              |   |      |   |  |              |     |              |         |             |    |      |   |  |  |  |  |  |                |    |              |    |  |  |  |  |  |              |   |      |   |  |  |  |  |  |            |   |      |   |  |  |  |  |  |               |    |              |   |    |  |  |  |  |
|--|-------------------------------|-------------------|-------|-----------|--------------------|--------------|---|----------------|---------|------------|-----|-----|--------------------|---------|-------------|------|-------------|--------------|----------|---------|---|--------------|--------------|-------------|---------|-------------|----|--------------|----|---------|--------------|--------|--------------|---------|--------------|----|------|---|----|--------------|--------|-------------|---------|--------------|---|------|---|--|--------------|-----|--------------|---------|-------------|----|------|---|--|--|--|--|--|----------------|----|--------------|----|--|--|--|--|--|--------------|---|------|---|--|--|--|--|--|------------|---|------|---|--|--|--|--|--|---------------|----|--------------|---|----|--|--|--|--|
| <b>46</b>  | 42110 - Planted Red Pine      | Sapling Medium    | 32.6  | 25        | Immature           | N/A          | Young red pine plantation. In the middle of the stand the plantation has failed and aspen, black cherry and jack pine are growing in along with scattered red pine that survived. |                |         |            |     |     |                    |         |             |      |             |              |          |         |   |              |              |             |         |             |    |              |    |         |              |        |              |         |              |    |      |   |    |              |        |             |         |              |   |      |   |  |              |     |              |         |             |    |      |   |  |  |  |  |  |                |    |              |    |  |  |  |  |  |              |   |      |   |  |  |  |  |  |            |   |      |   |  |  |  |  |  |               |    |              |   |    |  |  |  |  |
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| Canopy Species   | % Cover                       | Size Class        | DBH   | Age       |                    |              |   |                |         |            |     |     |                    |         |             |      |             |              |          |         |   |              |              |             |         |             |    |              |    |         |              |        |              |         |              |    |      |   |    |              |        |             |         |              |   |      |   |  |              |     |              |         |             |    |      |   |  |  |  |  |  |                |    |              |    |  |  |  |  |  |              |   |      |   |  |  |  |  |  |            |   |      |   |  |  |  |  |  |               |    |              |   |    |  |  |  |  |
| Quaking Aspen  | 5                             | Sapling           | 3     |           |                    |              |   |                |         |            |     |     |                    |         |             |      |             |              |          |         |   |              |              |             |         |             |    |              |    |         |              |        |              |         |              |    |      |   |    |              |        |             |         |              |   |      |   |  |              |     |              |         |             |    |      |   |  |  |  |  |  |                |    |              |    |  |  |  |  |  |              |   |      |   |  |  |  |  |  |            |   |      |   |  |  |  |  |  |               |    |              |   |    |  |  |  |  |
| White Spruce   | 2                             | Sapling           | 4     |           |                    |              |   |                |         |            |     |     |                    |         |             |      |             |              |          |         |   |              |              |             |         |             |    |              |    |         |              |        |              |         |              |    |      |   |    |              |        |             |         |              |   |      |   |  |              |     |              |         |             |    |      |   |  |  |  |  |  |                |    |              |    |  |  |  |  |  |              |   |      |   |  |  |  |  |  |            |   |      |   |  |  |  |  |  |               |    |              |   |    |  |  |  |  |
| Black Cherry   | 2                             | Sapling           | 2     |           |                    |              |   |                |         |            |     |     |                    |         |             |      |             |              |          |         |   |              |              |             |         |             |    |              |    |         |              |        |              |         |              |    |      |   |    |              |        |             |         |              |   |      |   |  |              |     |              |         |             |    |      |   |  |  |  |  |  |                |    |              |    |  |  |  |  |  |              |   |      |   |  |  |  |  |  |            |   |      |   |  |  |  |  |  |               |    |              |   |    |  |  |  |  |
| Red Pine   | 83                            | Sapling           | 2     | 25        |                    |              |   |                |         |            |     |     |                    |         |             |      |             |              |          |         |   |              |              |             |         |             |    |              |    |         |              |        |              |         |              |    |      |   |    |              |        |             |         |              |   |      |   |  |              |     |              |         |             |    |      |   |  |  |  |  |  |                |    |              |    |  |  |  |  |  |              |   |      |   |  |  |  |  |  |            |   |      |   |  |  |  |  |  |               |    |              |   |    |  |  |  |  |
| Jack Pine  | 8                             | Sapling           | 4     |           |                    |              |   |                |         |            |     |     |                    |         |             |      |             |              |          |         |   |              |              |             |         |             |    |              |    |         |              |        |              |         |              |    |      |   |    |              |        |             |         |              |   |      |   |  |              |     |              |         |             |    |      |   |  |  |  |  |  |                |    |              |    |  |  |  |  |  |              |   |      |   |  |  |  |  |  |            |   |      |   |  |  |  |  |  |               |    |              |   |    |  |  |  |  |
| <b>47</b>  | 623 - Emergent Wetland        | Nonstocked        | 4.4   |           |                    | No           |   |                |         |            |     |     |                    |         |             |      |             |              |          |         |   |              |              |             |         |             |    |              |    |         |              |        |              |         |              |    |      |   |    |              |        |             |         |              |   |      |   |  |              |     |              |         |             |    |      |   |  |  |  |  |  |                |    |              |    |  |  |  |  |  |              |   |      |   |  |  |  |  |  |            |   |      |   |  |  |  |  |  |               |    |              |   |    |  |  |  |  |
| <b>48</b>  | 42220 - Natural Jack Pine     | Poletimber Medium | 2.2   | 42        |                    | N/A          | Mixed pine stand that is mostly jack pine with red pine mixed in. Stand contains patches of young aspen. Stand continues onto private to the North.                               |                |         |            |     |     |                    |         |             |      |             |              |          |         |   |              |              |             |         |             |    |              |    |         |              |        |              |         |              |    |      |   |    |              |        |             |         |              |   |      |   |  |              |     |              |         |             |    |      |   |  |  |  |  |  |                |    |              |    |  |  |  |  |  |              |   |      |   |  |  |  |  |  |            |   |      |   |  |  |  |  |  |               |    |              |   |    |  |  |  |  |
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| Canopy Species   | % Cover                       | Size Class        | DBH   | Age       | Sub-Canopy Species | Density      | Avg. Height   | Size           |         |            |     |     |                    |         |             |      |             |              |          |         |   |              |              |             |         |             |    |              |    |         |              |        |              |         |              |    |      |   |    |              |        |             |         |              |   |      |   |  |              |     |              |         |             |    |      |   |  |  |  |  |  |                |    |              |    |  |  |  |  |  |              |   |      |   |  |  |  |  |  |            |   |      |   |  |  |  |  |  |               |    |              |   |    |  |  |  |  |
| Sugar Maple  | 13                            | Pole              | 8     |           | Beech              | Low          | 5 - 10 feet   | Sapling        |         |            |     |     |                    |         |             |      |             |              |          |         |   |              |              |             |         |             |    |              |    |         |              |        |              |         |              |    |      |   |    |              |        |             |         |              |   |      |   |  |              |     |              |         |             |    |      |   |  |  |  |  |  |                |    |              |    |  |  |  |  |  |              |   |      |   |  |  |  |  |  |            |   |      |   |  |  |  |  |  |               |    |              |   |    |  |  |  |  |
| Paper Birch  | 5                             | Pole              | 9     |           | Maple (spp.)       | Medium       | 10 - 20 feet  | Sapling        |         |            |     |     |                    |         |             |      |             |              |          |         |   |              |              |             |         |             |    |              |    |         |              |        |              |         |              |    |      |   |    |              |        |             |         |              |   |      |   |  |              |     |              |         |             |    |      |   |  |  |  |  |  |                |    |              |    |  |  |  |  |  |              |   |      |   |  |  |  |  |  |            |   |      |   |  |  |  |  |  |               |    |              |   |    |  |  |  |  |
| Jack Pine  | 60                            | Pole              | 8     | 42        | Conifers           | Low          | 5 - 10 feet   | Sapling        |         |            |     |     |                    |         |             |      |             |              |          |         |   |              |              |             |         |             |    |              |    |         |              |        |              |         |              |    |      |   |    |              |        |             |         |              |   |      |   |  |              |     |              |         |             |    |      |   |  |  |  |  |  |                |    |              |    |  |  |  |  |  |              |   |      |   |  |  |  |  |  |            |   |      |   |  |  |  |  |  |               |    |              |   |    |  |  |  |  |
| White Spruce   | 5                             | Pole              | 9     |           | Aspen (spp.)       | Low          | 10 - 20 feet  | Sapling        |         |            |     |     |                    |         |             |      |             |              |          |         |   |              |              |             |         |             |    |              |    |         |              |        |              |         |              |    |      |   |    |              |        |             |         |              |   |      |   |  |              |     |              |         |             |    |      |   |  |  |  |  |  |                |    |              |    |  |  |  |  |  |              |   |      |   |  |  |  |  |  |            |   |      |   |  |  |  |  |  |               |    |              |   |    |  |  |  |  |
| Balsam Fir   | 2                             | Pole              | 7     |           |                    |              |   |                |         |            |     |     |                    |         |             |      |             |              |          |         |   |              |              |             |         |             |    |              |    |         |              |        |              |         |              |    |      |   |    |              |        |             |         |              |   |      |   |  |              |     |              |         |             |    |      |   |  |  |  |  |  |                |    |              |    |  |  |  |  |  |              |   |      |   |  |  |  |  |  |            |   |      |   |  |  |  |  |  |               |    |              |   |    |  |  |  |  |
| Red Pine   | 15                            | Log/Pole          | 10    |           |                    |              |   |                |         |            |     |     |                    |         |             |      |             |              |          |         |   |              |              |             |         |             |    |              |    |         |              |        |              |         |              |    |      |   |    |              |        |             |         |              |   |      |   |  |              |     |              |         |             |    |      |   |  |  |  |  |  |                |    |              |    |  |  |  |  |  |              |   |      |   |  |  |  |  |  |            |   |      |   |  |  |  |  |  |               |    |              |   |    |  |  |  |  |
| <b>49</b>  | 330 - Low-Density Trees       | Nonstocked        | 2.7   |           |                    | No           |   |                |         |            |     |     |                    |         |             |      |             |              |          |         |   |              |              |             |         |             |    |              |    |         |              |        |              |         |              |    |      |   |    |              |        |             |         |              |   |      |   |  |              |     |              |         |             |    |      |   |  |  |  |  |  |                |    |              |    |  |  |  |  |  |              |   |      |   |  |  |  |  |  |            |   |      |   |  |  |  |  |  |               |    |              |   |    |  |  |  |  |
| <b>50</b>  | 4139 - Aspen, Mixed Deciduous | Poletimber Well   | 26.9  | 36        |                    | N/A          | Aspen stand with scattered conifers. Some scattered red and white pine in the stand. As you go further north in the stand conifers make up a larger component.                    |                |         |            |     |     |                    |         |             |      |             |              |          |         |   |              |              |             |         |             |    |              |    |         |              |        |              |         |              |    |      |   |    |              |        |             |         |              |   |      |   |  |              |     |              |         |             |    |      |   |  |  |  |  |  |                |    |              |    |  |  |  |  |  |              |   |      |   |  |  |  |  |  |            |   |      |   |  |  |  |  |  |               |    |              |   |    |  |  |  |  |
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| Canopy Species   | % Cover                       | Size Class        | DBH   | Age       | Sub-Canopy Species | Density      | Avg. Height   | Size           |         |            |     |     |                    |         |             |      |             |              |          |         |   |              |              |             |         |             |    |              |    |         |              |        |              |         |              |    |      |   |    |              |        |             |         |              |   |      |   |  |              |     |              |         |             |    |      |   |  |  |  |  |  |                |    |              |    |  |  |  |  |  |              |   |      |   |  |  |  |  |  |            |   |      |   |  |  |  |  |  |               |    |              |   |    |  |  |  |  |
| Red Pine   | 2                             | Log/Pole          | 10    |           | Black Cherry       | Low          | 5 - 10 feet   | Sapling        |         |            |     |     |                    |         |             |      |             |              |          |         |   |              |              |             |         |             |    |              |    |         |              |        |              |         |              |    |      |   |    |              |        |             |         |              |   |      |   |  |              |     |              |         |             |    |      |   |  |  |  |  |  |                |    |              |    |  |  |  |  |  |              |   |      |   |  |  |  |  |  |            |   |      |   |  |  |  |  |  |               |    |              |   |    |  |  |  |  |
| Red Maple  | 10                            | Pole/Sapling      | 6     |           | Conifers           | Low          | 5 - 10 feet   | Sapling        |         |            |     |     |                    |         |             |      |             |              |          |         |   |              |              |             |         |             |    |              |    |         |              |        |              |         |              |    |      |   |    |              |        |             |         |              |   |      |   |  |              |     |              |         |             |    |      |   |  |  |  |  |  |                |    |              |    |  |  |  |  |  |              |   |      |   |  |  |  |  |  |            |   |      |   |  |  |  |  |  |               |    |              |   |    |  |  |  |  |
| Black Cherry   | 20                            | Pole              | 6     |           | Maple (spp.)       | Medium       | 5 - 10 feet   | Sapling        |         |            |     |     |                    |         |             |      |             |              |          |         |   |              |              |             |         |             |    |              |    |         |              |        |              |         |              |    |      |   |    |              |        |             |         |              |   |      |   |  |              |     |              |         |             |    |      |   |  |  |  |  |  |                |    |              |    |  |  |  |  |  |              |   |      |   |  |  |  |  |  |            |   |      |   |  |  |  |  |  |               |    |              |   |    |  |  |  |  |
| Beech  | 5                             | Pole              | 8     |           |                    |              |   |                |         |            |     |     |                    |         |             |      |             |              |          |         |   |              |              |             |         |             |    |              |    |         |              |        |              |         |              |    |      |   |    |              |        |             |         |              |   |      |   |  |              |     |              |         |             |    |      |   |  |  |  |  |  |                |    |              |    |  |  |  |  |  |              |   |      |   |  |  |  |  |  |            |   |      |   |  |  |  |  |  |               |    |              |   |    |  |  |  |  |
| Paper Birch  | 10                            | Pole              | 7     |           |                    |              |   |                |         |            |     |     |                    |         |             |      |             |              |          |         |   |              |              |             |         |             |    |              |    |         |              |        |              |         |              |    |      |   |    |              |        |             |         |              |   |      |   |  |              |     |              |         |             |    |      |   |  |  |  |  |  |                |    |              |    |  |  |  |  |  |              |   |      |   |  |  |  |  |  |            |   |      |   |  |  |  |  |  |               |    |              |   |    |  |  |  |  |
| Bigtooth Aspen   | 19                            | Pole/Sapling      | 5     |           |                    |              |   |                |         |            |     |     |                    |         |             |      |             |              |          |         |   |              |              |             |         |             |    |              |    |         |              |        |              |         |              |    |      |   |    |              |        |             |         |              |   |      |   |  |              |     |              |         |             |    |      |   |  |  |  |  |  |                |    |              |    |  |  |  |  |  |              |   |      |   |  |  |  |  |  |            |   |      |   |  |  |  |  |  |               |    |              |   |    |  |  |  |  |
| White Spruce   | 2                             | Pole              | 9     |           |                    |              |   |                |         |            |     |     |                    |         |             |      |             |              |          |         |   |              |              |             |         |             |    |              |    |         |              |        |              |         |              |    |      |   |    |              |        |             |         |              |   |      |   |  |              |     |              |         |             |    |      |   |  |  |  |  |  |                |    |              |    |  |  |  |  |  |              |   |      |   |  |  |  |  |  |            |   |      |   |  |  |  |  |  |               |    |              |   |    |  |  |  |  |
| White Pine   | 2                             | Pole              | 9     |           |                    |              |   |                |         |            |     |     |                    |         |             |      |             |              |          |         |   |              |              |             |         |             |    |              |    |         |              |        |              |         |              |    |      |   |    |              |        |             |         |              |   |      |   |  |              |     |              |         |             |    |      |   |  |  |  |  |  |                |    |              |    |  |  |  |  |  |              |   |      |   |  |  |  |  |  |            |   |      |   |  |  |  |  |  |               |    |              |   |    |  |  |  |  |
| Quaking Aspen  | 30                            | Pole/Sapling      | 5     | 36        |                    |              |   |                |         |            |     |     |                    |         |             |      |             |              |          |         |   |              |              |             |         |             |    |              |    |         |              |        |              |         |              |    |      |   |    |              |        |             |         |              |   |      |   |  |              |     |              |         |             |    |      |   |  |  |  |  |  |                |    |              |    |  |  |  |  |  |              |   |      |   |  |  |  |  |  |            |   |      |   |  |  |  |  |  |               |    |              |   |    |  |  |  |  |





| Stand  | Level 4 Cover Type                         | Size Density    | Acres   | Stand Age | BA Range           | Managed Site            | General Comments   |                    |         |             |      |           |                    |         |             |      |            |              |      |         |   |              |           |             |         |              |    |      |   |  |              |        |             |         |               |   |      |   |  |          |        |             |         |            |   |      |   |  |  |  |  |  |              |   |      |   |  |  |  |  |  |           |    |      |   |  |  |  |  |  |               |    |      |   |    |  |  |  |  |             |   |      |   |  |  |  |  |  |
|--|--|-----------------|---------|-----------|--------------------|-------------------------|--|--------------------|---------|-------------|------|-----------|--------------------|---------|-------------|------|------------|--------------|------|---------|---|--------------|-----------|-------------|---------|--------------|----|------|---|--|--------------|--------|-------------|---------|---------------|---|------|---|--|----------|--------|-------------|---------|------------|---|------|---|--|--|--|--|--|--------------|---|------|---|--|--|--|--|--|-----------|----|------|---|--|--|--|--|--|---------------|----|------|---|----|--|--|--|--|-------------|---|------|---|--|--|--|--|--|
| 51   | 310 - Herbaceous Openland                  | Nonstocked      | 5.2     | 0         | Immature           | 4211 - Planted Red Pine | <p>Flightpath Pine. Harvested completed in 2016. Not chipped. Roller chopped in spring of 2017. trenched in Spring of 2017. Planted 5/10/2018.</p> <p>Planting failed in first growing season regen checks per protocol. Prescribe for another initial plant. Approximately 50-60% mortality of RP planted.</p> <p>Replanted 2019- Planted 577 tr/ac, 900 tr/ac plot data, 832 tr/ac linear data<br/>passed regen check on west side. It seems that the east side of road was missed.</p> <p>4/20/22- Seedlings doing well. Good survival. About 1-2 feet tall. Will need release spray soon. Hardwood competition throughout stand.</p> |                    |         |             |      |           |                    |         |             |      |            |              |      |         |   |              |           |             |         |              |    |      |   |  |              |        |             |         |               |   |      |   |  |          |        |             |         |            |   |      |   |  |  |  |  |  |              |   |      |   |  |  |  |  |  |           |    |      |   |  |  |  |  |  |               |    |      |   |    |  |  |  |  |             |   |      |   |  |  |  |  |  |
| 52   | 42110 - Planted Red Pine                   | Sapling Well    | 7.1     | 25        | Immature           | N/A                     | Young red pine plantation with good regeneration. Stand has some scattered jack pine growing.  |                    |         |             |      |           |                    |         |             |      |            |              |      |         |   |              |           |             |         |              |    |      |   |  |              |        |             |         |               |   |      |   |  |          |        |             |         |            |   |      |   |  |  |  |  |  |              |   |      |   |  |  |  |  |  |           |    |      |   |  |  |  |  |  |               |    |      |   |    |  |  |  |  |             |   |      |   |  |  |  |  |  |
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| Canopy Species   | % Cover                                    | Size Class      | DBH     | Age       |                    |                         |  |                    |         |             |      |           |                    |         |             |      |            |              |      |         |   |              |           |             |         |              |    |      |   |  |              |        |             |         |               |   |      |   |  |          |        |             |         |            |   |      |   |  |  |  |  |  |              |   |      |   |  |  |  |  |  |           |    |      |   |  |  |  |  |  |               |    |      |   |    |  |  |  |  |             |   |      |   |  |  |  |  |  |
| Red Pine   | 93   | Sapling         | 3       | 25        |                    |                         |  |                    |         |             |      |           |                    |         |             |      |            |              |      |         |   |              |           |             |         |              |    |      |   |  |              |        |             |         |               |   |      |   |  |          |        |             |         |            |   |      |   |  |  |  |  |  |              |   |      |   |  |  |  |  |  |           |    |      |   |  |  |  |  |  |               |    |      |   |    |  |  |  |  |             |   |      |   |  |  |  |  |  |
| Black Cherry   | 2  | Sapling         | 2       |           |                    |                         |  |                    |         |             |      |           |                    |         |             |      |            |              |      |         |   |              |           |             |         |              |    |      |   |  |              |        |             |         |               |   |      |   |  |          |        |             |         |            |   |      |   |  |  |  |  |  |              |   |      |   |  |  |  |  |  |           |    |      |   |  |  |  |  |  |               |    |      |   |    |  |  |  |  |             |   |      |   |  |  |  |  |  |
| Jack Pine  | 5  | Sapling         | 3       |           |                    |                         |  |                    |         |             |      |           |                    |         |             |      |            |              |      |         |   |              |           |             |         |              |    |      |   |  |              |        |             |         |               |   |      |   |  |          |        |             |         |            |   |      |   |  |  |  |  |  |              |   |      |   |  |  |  |  |  |           |    |      |   |  |  |  |  |  |               |    |      |   |    |  |  |  |  |             |   |      |   |  |  |  |  |  |
| 53   | 3302 - Low Density Conifer Trees           | Nonstocked      | 31.4    |           |                    | Managed Opening         | Weather station located in middle of the stand. Old airstrip   |                    |         |             |      |           |                    |         |             |      |            |              |      |         |   |              |           |             |         |              |    |      |   |  |              |        |             |         |               |   |      |   |  |          |        |             |         |            |   |      |   |  |  |  |  |  |              |   |      |   |  |  |  |  |  |           |    |      |   |  |  |  |  |  |               |    |      |   |    |  |  |  |  |             |   |      |   |  |  |  |  |  |
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| Sub-Canopy Species   | Density                                    | Avg. Height     | Size    |           |                    |                         |  |                    |         |             |      |           |                    |         |             |      |            |              |      |         |   |              |           |             |         |              |    |      |   |  |              |        |             |         |               |   |      |   |  |          |        |             |         |            |   |      |   |  |  |  |  |  |              |   |      |   |  |  |  |  |  |           |    |      |   |  |  |  |  |  |               |    |      |   |    |  |  |  |  |             |   |      |   |  |  |  |  |  |
| Jack Pine  | High                                       |                 | Sapling |           |                    |                         |  |                    |         |             |      |           |                    |         |             |      |            |              |      |         |   |              |           |             |         |              |    |      |   |  |              |        |             |         |               |   |      |   |  |          |        |             |         |            |   |      |   |  |  |  |  |  |              |   |      |   |  |  |  |  |  |           |    |      |   |  |  |  |  |  |               |    |      |   |    |  |  |  |  |             |   |      |   |  |  |  |  |  |
| 54   | 4191 - Mixed Upland Deciduous with Conifer | Poletimber Well | 14.0    | 40        | 81-110             | N/A                     | Young Mackinac Mix stand. Along the road it is heavy to aspen as you get further south there is a larger component of spruce and fir. Scattered black cherry.  |                    |         |             |      |           |                    |         |             |      |            |              |      |         |   |              |           |             |         |              |    |      |   |  |              |        |             |         |               |   |      |   |  |          |        |             |         |            |   |      |   |  |  |  |  |  |              |   |      |   |  |  |  |  |  |           |    |      |   |  |  |  |  |  |               |    |      |   |    |  |  |  |  |             |   |      |   |  |  |  |  |  |
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| Canopy Species   | % Cover                                    | Size Class      | DBH     | Age       | Sub-Canopy Species | Density                 | Avg. Height  | Size               |         |             |      |           |                    |         |             |      |            |              |      |         |   |              |           |             |         |              |    |      |   |  |              |        |             |         |               |   |      |   |  |          |        |             |         |            |   |      |   |  |  |  |  |  |              |   |      |   |  |  |  |  |  |           |    |      |   |  |  |  |  |  |               |    |      |   |    |  |  |  |  |             |   |      |   |  |  |  |  |  |
| Balsam Fir   | 25   | Pole            | 6       |           | Aspen (spp.)       | Low                     | 5 - 10 feet  | Sapling            |         |             |      |           |                    |         |             |      |            |              |      |         |   |              |           |             |         |              |    |      |   |  |              |        |             |         |               |   |      |   |  |          |        |             |         |            |   |      |   |  |  |  |  |  |              |   |      |   |  |  |  |  |  |           |    |      |   |  |  |  |  |  |               |    |      |   |    |  |  |  |  |             |   |      |   |  |  |  |  |  |
| White Spruce   | 10   | Pole            | 6       |           | Maple (spp.)       | Medium                  | 5 - 10 feet  | Sapling            |         |             |      |           |                    |         |             |      |            |              |      |         |   |              |           |             |         |              |    |      |   |  |              |        |             |         |               |   |      |   |  |          |        |             |         |            |   |      |   |  |  |  |  |  |              |   |      |   |  |  |  |  |  |           |    |      |   |  |  |  |  |  |               |    |      |   |    |  |  |  |  |             |   |      |   |  |  |  |  |  |
| Balsam Poplar  | 8  | Pole            | 4       |           | Conifers           | Medium                  | 5 - 10 feet  | Sapling            |         |             |      |           |                    |         |             |      |            |              |      |         |   |              |           |             |         |              |    |      |   |  |              |        |             |         |               |   |      |   |  |          |        |             |         |            |   |      |   |  |  |  |  |  |              |   |      |   |  |  |  |  |  |           |    |      |   |  |  |  |  |  |               |    |      |   |    |  |  |  |  |             |   |      |   |  |  |  |  |  |
| White Pine   | 2  | Pole            | 9       |           |                    |                         |  |                    |         |             |      |           |                    |         |             |      |            |              |      |         |   |              |           |             |         |              |    |      |   |  |              |        |             |         |               |   |      |   |  |          |        |             |         |            |   |      |   |  |  |  |  |  |              |   |      |   |  |  |  |  |  |           |    |      |   |  |  |  |  |  |               |    |      |   |    |  |  |  |  |             |   |      |   |  |  |  |  |  |
| Black Cherry   | 5  | Pole            | 6       |           |                    |                         |  |                    |         |             |      |           |                    |         |             |      |            |              |      |         |   |              |           |             |         |              |    |      |   |  |              |        |             |         |               |   |      |   |  |          |        |             |         |            |   |      |   |  |  |  |  |  |              |   |      |   |  |  |  |  |  |           |    |      |   |  |  |  |  |  |               |    |      |   |    |  |  |  |  |             |   |      |   |  |  |  |  |  |
| Red Maple  | 10   | Pole            | 5       |           |                    |                         |  |                    |         |             |      |           |                    |         |             |      |            |              |      |         |   |              |           |             |         |              |    |      |   |  |              |        |             |         |               |   |      |   |  |          |        |             |         |            |   |      |   |  |  |  |  |  |              |   |      |   |  |  |  |  |  |           |    |      |   |  |  |  |  |  |               |    |      |   |    |  |  |  |  |             |   |      |   |  |  |  |  |  |
| Quaking Aspen  | 35   | Pole            | 7       | 40        |                    |                         |  |                    |         |             |      |           |                    |         |             |      |            |              |      |         |   |              |           |             |         |              |    |      |   |  |              |        |             |         |               |   |      |   |  |          |        |             |         |            |   |      |   |  |  |  |  |  |              |   |      |   |  |  |  |  |  |           |    |      |   |  |  |  |  |  |               |    |      |   |    |  |  |  |  |             |   |      |   |  |  |  |  |  |
| Paper Birch  | 5  | Pole            | 7       |           |                    |                         |  |                    |         |             |      |           |                    |         |             |      |            |              |      |         |   |              |           |             |         |              |    |      |   |  |              |        |             |         |               |   |      |   |  |          |        |             |         |            |   |      |   |  |  |  |  |  |              |   |      |   |  |  |  |  |  |           |    |      |   |  |  |  |  |  |               |    |      |   |    |  |  |  |  |             |   |      |   |  |  |  |  |  |
| 55   | 330 - Low-Density Trees                    | Nonstocked      | 28.6    |           |                    | No                      |  |                    |         |             |      |           |                    |         |             |      |            |              |      |         |   |              |           |             |         |              |    |      |   |  |              |        |             |         |               |   |      |   |  |          |        |             |         |            |   |      |   |  |  |  |  |  |              |   |      |   |  |  |  |  |  |           |    |      |   |  |  |  |  |  |               |    |      |   |    |  |  |  |  |             |   |      |   |  |  |  |  |  |



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

|                       |                                |                 |                   |            |            |                           |  |
|-----------------------|--------------------------------|-----------------|-------------------|------------|------------|---------------------------|--|
| <b>56</b>             | 4110 - Sugar Maple Association | Poletimber Well | 1.6               | 66         | 81-110     | N/A                       | Narrow sliver of a pole sized maple stand that continues onto private to the North. Some scattered black cherry. |
| <b>Canopy Species</b> |                                | <b>% Cover</b>  | <b>Size Class</b> | <b>DBH</b> | <b>Age</b> | <b>Sub-Canopy Species</b> |  |
| Red Maple             |                                | 5               | Pole              | 8          |            | Beech                     |  |
| Red Pine              |                                | 10              | Pole              | 8          |            | Black Cherry              |  |
| Black Cherry          |                                | 5               | Pole              | 5          |            | Maple (spp.)              |  |
| Sugar Maple           |                                | 80              | Pole              | 8          | 66         | Density                   |  |
|                       |                                |                 |                   |            |            | Avg. Height               |  |
|                       |                                |                 |                   |            |            | Size                      |  |

|                       |                      |                 |                   |            |            |                           |   |
|-----------------------|----------------------|-----------------|-------------------|------------|------------|---------------------------|---|
| <b>57</b>             | 6120 - Lowland Cedar | Poletimber Well | 4.2               | 134        |            | N/A                       | Wet cedar stand that has balsam fir around on the north edge. |
| <b>Canopy Species</b> |                      | <b>% Cover</b>  | <b>Size Class</b> | <b>DBH</b> | <b>Age</b> | <b>Sub-Canopy Species</b> |   |
| Balsam Fir            |                      | 10              | Pole/Sapling      | 5          |            | Balsam Fir                |   |
| Black Spruce          |                      | 5               | Pole/Sapling      | 5          |            | Density                   |   |
| Red Maple             |                      | 5               | Pole/Log          | 7          |            | Avg. Height               |   |
| Northern White Cedar  |                      | 75              | Pole              | 6          | 134        | Size                      |   |
| Paper Birch           |                      | 5               | Pole/Sapling      | 5          |            |                           |   |

|           |                        |            |     |  |  |    |  |
|-----------|------------------------|------------|-----|--|--|----|--|
| <b>58</b> | 623 - Emergent Wetland | Nonstocked | 1.6 |  |  | No |  |
|-----------|------------------------|------------|-----|--|--|----|--|

|                       |                          |                |                   |            |            |     |   |
|-----------------------|--------------------------|----------------|-------------------|------------|------------|-----|---|
| <b>59</b>             | 42110 - Planted Red Pine | Sapling Well   | 41.6              | 24         | Immature   | N/A | Young red pine stand with scattered jack pine, maples and black cherry. |
| <b>Canopy Species</b> |                          | <b>% Cover</b> | <b>Size Class</b> | <b>DBH</b> | <b>Age</b> |     |   |
| Sugar Maple           |                          | 2              | Sapling           | 2          |            |     |   |
| Red Pine              |                          | 94             | Sapling           | 2          | 24         |     |   |
| Jack Pine             |                          | 2              | Sapling           | 2          |            |     |   |
| Black Cherry          |                          | 2              | Sapling           | 2          |            |     |   |

|                          |  |                 |                   |            |            |                           |   |
|--------------------------|--|-----------------|-------------------|------------|------------|---------------------------|---|
| <b>60</b>                | 4191 - Mixed Upland Deciduous with Conifer | Poletimber Well | 8.0               | 38         | 51-80      | N/A                       | A patch of aspen growing in a opening. Stand has a good mix of species in with the aspen including larger white pine and black cherry along with some scattered serviceberry. |
| <b>Canopy Species</b>    |  | <b>% Cover</b>  | <b>Size Class</b> | <b>DBH</b> | <b>Age</b> | <b>Sub-Canopy Species</b> |   |
| Balsam Fir               |  | 10              | Pole              | 6          |            | Beech                     |   |
| White Spruce             |  | 10              | Pole              | 7          |            | Conifers                  |   |
| Red Maple                |  | 10              | Pole              | 7          |            | Maple (spp.)              |   |
| Black Cherry             |  | 10              | Pole              | 5          |            | Aspen (spp.)              |   |
| Beech                    |  | 2               | Pole              | 5          |            | Density                   |   |
| Serviceberry (Juneberry) |  | 2               | Sapling           | 3          |            | Avg. Height               |   |
| Paper Birch              |  | 4               | Log/Pole          | 10         |            | Size                      |   |
| Bigtooth Aspen           |  | 30              | Pole/Sapling      | 6          | 38         |                           |   |
| Balsam Poplar            |  | 20              | Pole              | 7          | 38         |                           |   |
| Red Pine                 |  | 2               | Pole              | 9          |            |                           |   |



| Stand  | Level 4 Cover Type         | Size Density    | Acres | Stand Age | BA Range    | Managed Site            | General Comments  |                |         |            |     |     |          |    |      |   |    |              |    |      |   |  |           |    |      |   |  |             |   |      |   |  |
|--|----------------------------|-----------------|-------|-----------|-------------|-------------------------|---|----------------|---------|------------|-----|-----|----------|----|------|---|----|--------------|----|------|---|--|-----------|----|------|---|--|-------------|---|------|---|--|
| 61   | 310 - Herbaceous Openland  | Nonstocked      | 31.7  | 0         | Unspecified | 4211 - Planted Red Pine | <p>Flightpath Pine 45-107-14-01. harvested completed in 2016. Not Chipped. Roller chopped in spring 2017. trenched in spring 2017. Planted 5/10/2018. First growing season regen counts resulted in about 45-50% Mortality. No J root or planting issues apparent. Prescribe for a new initial plant.</p> <p>Initial Replant 2019- Planted 541 tr/ac, 920 tr/ac plot data, 826 tr/ac linear data</p> <p>4/20/22- Seedlings doing well. Some gaps present, but overall good survival. About 1 foot tall on average. Will need release spray soon. Hardwood competition throughout stand.</p> <p>Stand was replanted in May of 2022 at 345 TPA, 10,200 trees total planted.</p> <p>First year regen check completed on 09/17/2022. 722 TPA, 45% FTG, 23% mortality. Heavy woody and herbaceous competition. Release needed.</p> |                |         |            |     |     |          |    |      |   |    |              |    |      |   |  |           |    |      |   |  |             |   |      |   |  |
| 62   | 42290 - Natural Mixed Pine | Poletimber Poor | 2.1   | 35        | 1-50        | N/A                     | <p>Mixed stand of red pine and jack pine that continues onto the private to the North. Stand contains pockets of grassy opening.</p>  |                |         |            |     |     |          |    |      |   |    |              |    |      |   |  |           |    |      |   |  |             |   |      |   |  |
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| Canopy Species   | % Cover                    | Size Class      | DBH   | Age       |             |                         |   |                |         |            |     |     |          |    |      |   |    |              |    |      |   |  |           |    |      |   |  |             |   |      |   |  |
| Red Pine   | 50                         | Pole            | 8     | 35        |             |                         |   |                |         |            |     |     |          |    |      |   |    |              |    |      |   |  |           |    |      |   |  |             |   |      |   |  |
| Black Cherry   | 15                         | Pole            | 6     |           |             |                         |   |                |         |            |     |     |          |    |      |   |    |              |    |      |   |  |           |    |      |   |  |             |   |      |   |  |
| Jack Pine  | 30                         | Pole            | 7     |           |             |                         |   |                |         |            |     |     |          |    |      |   |    |              |    |      |   |  |           |    |      |   |  |             |   |      |   |  |
| Paper Birch  | 5                          | Pole            | 7     |           |             |                         |   |                |         |            |     |     |          |    |      |   |    |              |    |      |   |  |           |    |      |   |  |             |   |      |   |  |
| 63   | 320 - Upland Shrub         | Nonstocked      | 21.2  | 0         | Unspecified | 4211 - Planted Red Pine | <p>Trenched in 2016. Planted in 2014. FTP # C44-546. Failed plantation that had been re-planted and has lots of volunteer jack pine. Very low stocking of live red pine. Re-start the stand and initial re-plant of red pine.</p> <p>Site-prep skidder sprayed summer of 2019. Trenched Oct, 2019 Skidder sprayed on 08/05/2021.</p> <p>Planted on 5/4/22. Planted at 750 TPA, 15900 total trees planted.</p> <p>07/2022- Taller JP was cut out prior to most recent spraying. Raspberry and bracken killed. Overall, spray was effective with good coverage. Continue to monitor.</p> <p>First year regen survey completed on 09/17/2022. 854 TPA, 100% FTG, 1% mortality. Little competition.</p>   |                |         |            |     |     |          |    |      |   |    |              |    |      |   |  |           |    |      |   |  |             |   |      |   |  |
| 64   | 623 - Emergent Wetland     | Nonstocked      | 4.2   |           |             | No                      |   |                |         |            |     |     |          |    |      |   |    |              |    |      |   |  |           |    |      |   |  |             |   |      |   |  |



| Stand  | Level 4 Cover Type                      | Size Density    | Acres   | Stand Age  | BA Range    | Managed Site             | General Comments   |     |          |    |    |             |    |      |   |    |           |    |      |   |  |          |   |     |    |  |              |   |     |    |  |   |  |                    |         |             |      |              |        |              |         |       |     |             |         |          |     |             |         |  |  |  |
|--|---|-----------------|---------|------------|-------------|--------------------------|--|-----|----------|----|----|-------------|----|------|---|----|-----------|----|------|---|--|----------|---|-----|----|--|--------------|---|-----|----|--|---|--|--------------------|---------|-------------|------|--------------|--------|--------------|---------|-------|-----|-------------|---------|----------|-----|-------------|---------|--|--|--|
| <b>65</b>  | 4112 - Maple, Beech, Cherry Association | Poletimber Well | 23.7    | 86         | 81-110      | N/A                      | Select Cut in 2014 45-102-14-01 Revolutionary Pine.  |     |          |    |    |             |    |      |   |    |           |    |      |   |  |          |   |     |    |  |              |   |     |    |  |   |  |                    |         |             |      |              |        |              |         |       |     |             |         |          |     |             |         |  |  |  |
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| Canopy Species   | % Cover                                 | Size Class      | DBH     | Age        |             |                          |  |     |          |    |    |             |    |      |   |    |           |    |      |   |  |          |   |     |    |  |              |   |     |    |  |   |  |                    |         |             |      |              |        |              |         |       |     |             |         |          |     |             |         |  |  |  |
| White Pine   | 5                                       | Log             | 11      |            |             |                          |  |     |          |    |    |             |    |      |   |    |           |    |      |   |  |          |   |     |    |  |              |   |     |    |  |   |  |                    |         |             |      |              |        |              |         |       |     |             |         |          |     |             |         |  |  |  |
| Sugar Maple  | 60                                      | Pole            | 8       | 86         |             |                          |  |     |          |    |    |             |    |      |   |    |           |    |      |   |  |          |   |     |    |  |              |   |     |    |  |   |  |                    |         |             |      |              |        |              |         |       |     |             |         |          |     |             |         |  |  |  |
| Red Maple  | 25                                      | Pole            | 8       |            |             |                          |  |     |          |    |    |             |    |      |   |    |           |    |      |   |  |          |   |     |    |  |              |   |     |    |  |   |  |                    |         |             |      |              |        |              |         |       |     |             |         |          |     |             |         |  |  |  |
| Red Pine   | 5                                       | Log             | 16      |            |             |                          |  |     |          |    |    |             |    |      |   |    |           |    |      |   |  |          |   |     |    |  |              |   |     |    |  |   |  |                    |         |             |      |              |        |              |         |       |     |             |         |          |     |             |         |  |  |  |
| White Spruce   | 5                                       | Log             | 14      |            |             |                          |  |     |          |    |    |             |    |      |   |    |           |    |      |   |  |          |   |     |    |  |              |   |     |    |  |   |  |                    |         |             |      |              |        |              |         |       |     |             |         |          |     |             |         |  |  |  |
| Sub-Canopy Species   | Density                                 | Avg. Height     | Size    |            |             |                          |  |     |          |    |    |             |    |      |   |    |           |    |      |   |  |          |   |     |    |  |              |   |     |    |  |   |  |                    |         |             |      |              |        |              |         |       |     |             |         |          |     |             |         |  |  |  |
| Maple (spp.)   | Medium                                  | 10 - 20 feet    | Sapling |            |             |                          |  |     |          |    |    |             |    |      |   |    |           |    |      |   |  |          |   |     |    |  |              |   |     |    |  |   |  |                    |         |             |      |              |        |              |         |       |     |             |         |          |     |             |         |  |  |  |
| Beech  | Low                                     | 5 - 10 feet     | Sapling |            |             |                          |  |     |          |    |    |             |    |      |   |    |           |    |      |   |  |          |   |     |    |  |              |   |     |    |  |   |  |                    |         |             |      |              |        |              |         |       |     |             |         |          |     |             |         |  |  |  |
| Conifers   | Low                                     | 5 - 10 feet     | Sapling |            |             |                          |  |     |          |    |    |             |    |      |   |    |           |    |      |   |  |          |   |     |    |  |              |   |     |    |  |   |  |                    |         |             |      |              |        |              |         |       |     |             |         |          |     |             |         |  |  |  |
| <b>66</b>  | 310 - Herbaceous Openland               | Nonstocked      | 13.5    | 0          |             | 42110 - Planted Red Pine | Clear cut in 2015. 45-102-14-01 Revolutionary Pine. Trenched in 2016. Planted in 2017.<br>1 Yr. Regen Survey spring 2018 - 518 tr/ac. After further field review with updated regeneration survey protocol, TMS and foresters decided that the existing regeneration is very healthy and viable. There are a lot of scattered boulders and brush piles, as well as some slope considerations that made trenching inconsistent and with wide spacing in places.                           |     |          |    |    |             |    |      |   |    |           |    |      |   |  |          |   |     |    |  |              |   |     |    |  |   |  |                    |         |             |      |              |        |              |         |       |     |             |         |          |     |             |         |  |  |  |
| <b>67</b>  | 42110 - Planted Red Pine                | Sawtimber Poor  | 11.1    | 92         | 1-50        | N/A                      | Stand was shelter-wood harvested in 2015. 45-102-14-01 Revolutionary Pine. Under-planted with red pine 4/25/2017. 3 year survey in 2019.<br><br>2022-Many residual pine have died or snapped off. Heavy hardwood competition present. No underplanted pine present. Suggested to take top off and plant back to red pine.  |     |          |    |    |             |    |      |   |    |           |    |      |   |  |          |   |     |    |  |              |   |     |    |  |   |  |                    |         |             |      |              |        |              |         |       |     |             |         |          |     |             |         |  |  |  |
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| Canopy Species   | % Cover                                 | Size Class      | DBH     | Age        |             |                          |  |     |          |    |    |             |    |      |   |    |           |    |      |   |  |          |   |     |    |  |              |   |     |    |  |   |  |                    |         |             |      |              |        |              |         |       |     |             |         |          |     |             |         |  |  |  |
| Red Pine   | 100                                     | XLog/Log        | 18      | 92         |             |                          |  |     |          |    |    |             |    |      |   |    |           |    |      |   |  |          |   |     |    |  |              |   |     |    |  |   |  |                    |         |             |      |              |        |              |         |       |     |             |         |          |     |             |         |  |  |  |
| <b>68</b>  | 310 - Herbaceous Openland               | Nonstocked      | 3.3     |            |             | No                       |  |     |          |    |    |             |    |      |   |    |           |    |      |   |  |          |   |     |    |  |              |   |     |    |  |   |  |                    |         |             |      |              |        |              |         |       |     |             |         |          |     |             |         |  |  |  |
| <b>69</b>  | 310 - Herbaceous Openland               | Nonstocked      | 15.4    | 0          | Unspecified | 4211 - Planted Red Pine  | Planted 5/10/2018. Passed first growing season regen count with less than 20% mortality.<br><br>2020 - Stand failed the 3rd season regen survey. Stand is scheduled for a re-start, beginning with trenching in 2021. Stand was trenched in December of 2020.<br><br>Planted on 5/5/2022. Planted at 838 TPA, 12900 total trees planted.<br><br>First year regen survey completed on 09/17/2022. 800 TPA, 55% FTG, 7% mortality. Heavy woody and herbaceous competition. Release needed. |     |          |    |    |             |    |      |   |    |           |    |      |   |  |          |   |     |    |  |              |   |     |    |  |   |  |                    |         |             |      |              |        |              |         |       |     |             |         |          |     |             |         |  |  |  |



| Stand   | Level 4 Cover Type            | Size Density    | Acres | Stand Age | BA Range           | Managed Site | General Comments  |                |         |            |     |     |                    |         |             |      |                      |           |      |         |   |              |              |             |         |           |    |               |    |         |              |     |              |         |              |   |              |                |    |          |      |              |            |            |              |      |   |            |              |              |              |         |              |   |              |   |  |  |  |  |  |             |   |      |   |  |  |  |  |  |               |    |              |   |  |  |  |  |  |            |    |              |   |    |  |  |  |  |              |    |              |   |  |  |  |  |  |
|---|-------------------------------|-----------------|-------|-----------|--------------------|--------------|---|----------------|---------|------------|-----|-----|--------------------|---------|-------------|------|----------------------|-----------|------|---------|---|--------------|--------------|-------------|---------|-----------|----|---------------|----|---------|--------------|-----|--------------|---------|--------------|---|--------------|----------------|----|----------|------|--------------|------------|------------|--------------|------|---|------------|--------------|--------------|--------------|---------|--------------|---|--------------|---|--|--|--|--|--|-------------|---|------|---|--|--|--|--|--|---------------|----|--------------|---|--|--|--|--|--|------------|----|--------------|---|----|--|--|--|--|--------------|----|--------------|---|--|--|--|--|--|
| <b>70</b>   | 4139 - Aspen, Mixed Deciduous | Sapling Well    | 34.7  | 31        | Immature           | N/A          | Aspen stand that has regenerated nicely. Stand has scattered yellow birch, red pine and white pine. Lots of cherry regeneration mixed in.   |                |         |            |     |     |                    |         |             |      |                      |           |      |         |   |              |              |             |         |           |    |               |    |         |              |     |              |         |              |   |              |                |    |          |      |              |            |            |              |      |   |            |              |              |              |         |              |   |              |   |  |  |  |  |  |             |   |      |   |  |  |  |  |  |               |    |              |   |  |  |  |  |  |            |    |              |   |    |  |  |  |  |              |    |              |   |  |  |  |  |  |
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| Canopy Species  | % Cover                       | Size Class      | DBH   | Age       |                    |              |   |                |         |            |     |     |                    |         |             |      |                      |           |      |         |   |              |              |             |         |           |    |               |    |         |              |     |              |         |              |   |              |                |    |          |      |              |            |            |              |      |   |            |              |              |              |         |              |   |              |   |  |  |  |  |  |             |   |      |   |  |  |  |  |  |               |    |              |   |  |  |  |  |  |            |    |              |   |    |  |  |  |  |              |    |              |   |  |  |  |  |  |
| Black Cherry  | 20                            | Sapling         | 4     |           |                    |              |   |                |         |            |     |     |                    |         |             |      |                      |           |      |         |   |              |              |             |         |           |    |               |    |         |              |     |              |         |              |   |              |                |    |          |      |              |            |            |              |      |   |            |              |              |              |         |              |   |              |   |  |  |  |  |  |             |   |      |   |  |  |  |  |  |               |    |              |   |  |  |  |  |  |            |    |              |   |    |  |  |  |  |              |    |              |   |  |  |  |  |  |
| Red Maple   | 10                            | Sapling         | 3     |           |                    |              |   |                |         |            |     |     |                    |         |             |      |                      |           |      |         |   |              |              |             |         |           |    |               |    |         |              |     |              |         |              |   |              |                |    |          |      |              |            |            |              |      |   |            |              |              |              |         |              |   |              |   |  |  |  |  |  |             |   |      |   |  |  |  |  |  |               |    |              |   |  |  |  |  |  |            |    |              |   |    |  |  |  |  |              |    |              |   |  |  |  |  |  |
| Yellow Birch  | 2                             | Pole            | 7     |           |                    |              |   |                |         |            |     |     |                    |         |             |      |                      |           |      |         |   |              |              |             |         |           |    |               |    |         |              |     |              |         |              |   |              |                |    |          |      |              |            |            |              |      |   |            |              |              |              |         |              |   |              |   |  |  |  |  |  |             |   |      |   |  |  |  |  |  |               |    |              |   |  |  |  |  |  |            |    |              |   |    |  |  |  |  |              |    |              |   |  |  |  |  |  |
| Quaking Aspen   | 20                            | Sapling         | 3     | 31        |                    |              |   |                |         |            |     |     |                    |         |             |      |                      |           |      |         |   |              |              |             |         |           |    |               |    |         |              |     |              |         |              |   |              |                |    |          |      |              |            |            |              |      |   |            |              |              |              |         |              |   |              |   |  |  |  |  |  |             |   |      |   |  |  |  |  |  |               |    |              |   |  |  |  |  |  |            |    |              |   |    |  |  |  |  |              |    |              |   |  |  |  |  |  |
| White Spruce  | 3                             | Pole/Sapling    | 5     |           |                    |              |   |                |         |            |     |     |                    |         |             |      |                      |           |      |         |   |              |              |             |         |           |    |               |    |         |              |     |              |         |              |   |              |                |    |          |      |              |            |            |              |      |   |            |              |              |              |         |              |   |              |   |  |  |  |  |  |             |   |      |   |  |  |  |  |  |               |    |              |   |  |  |  |  |  |            |    |              |   |    |  |  |  |  |              |    |              |   |  |  |  |  |  |
| Bigtooth Aspen  | 30                            | Sapling         | 3     | 31        |                    |              |   |                |         |            |     |     |                    |         |             |      |                      |           |      |         |   |              |              |             |         |           |    |               |    |         |              |     |              |         |              |   |              |                |    |          |      |              |            |            |              |      |   |            |              |              |              |         |              |   |              |   |  |  |  |  |  |             |   |      |   |  |  |  |  |  |               |    |              |   |  |  |  |  |  |            |    |              |   |    |  |  |  |  |              |    |              |   |  |  |  |  |  |
| Balsam Fir  | 13                            | Pole/Sapling    | 5     |           |                    |              |   |                |         |            |     |     |                    |         |             |      |                      |           |      |         |   |              |              |             |         |           |    |               |    |         |              |     |              |         |              |   |              |                |    |          |      |              |            |            |              |      |   |            |              |              |              |         |              |   |              |   |  |  |  |  |  |             |   |      |   |  |  |  |  |  |               |    |              |   |  |  |  |  |  |            |    |              |   |    |  |  |  |  |              |    |              |   |  |  |  |  |  |
| White Pine  | 2                             | Pole/Sapling    | 6     |           |                    |              |   |                |         |            |     |     |                    |         |             |      |                      |           |      |         |   |              |              |             |         |           |    |               |    |         |              |     |              |         |              |   |              |                |    |          |      |              |            |            |              |      |   |            |              |              |              |         |              |   |              |   |  |  |  |  |  |             |   |      |   |  |  |  |  |  |               |    |              |   |  |  |  |  |  |            |    |              |   |    |  |  |  |  |              |    |              |   |  |  |  |  |  |
| <b>71</b>   | 42110 - Planted Red Pine      | Sapling Well    | 52.0  | 8         | Immature           | N/A          | Planted in 2015. Release sprayed in 2016. 1st year regen survey complete. 3rd year survey completed in 2018. 96% pass 880 trees/acre.   |                |         |            |     |     |                    |         |             |      |                      |           |      |         |   |              |              |             |         |           |    |               |    |         |              |     |              |         |              |   |              |                |    |          |      |              |            |            |              |      |   |            |              |              |              |         |              |   |              |   |  |  |  |  |  |             |   |      |   |  |  |  |  |  |               |    |              |   |  |  |  |  |  |            |    |              |   |    |  |  |  |  |              |    |              |   |  |  |  |  |  |
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| Canopy Species  | % Cover                       | Size Class      | DBH   | Age       |                    |              |   |                |         |            |     |     |                    |         |             |      |                      |           |      |         |   |              |              |             |         |           |    |               |    |         |              |     |              |         |              |   |              |                |    |          |      |              |            |            |              |      |   |            |              |              |              |         |              |   |              |   |  |  |  |  |  |             |   |      |   |  |  |  |  |  |               |    |              |   |  |  |  |  |  |            |    |              |   |    |  |  |  |  |              |    |              |   |  |  |  |  |  |
| Red Pine  | 100                           | Sapling         | 1     | 8         |                    |              |   |                |         |            |     |     |                    |         |             |      |                      |           |      |         |   |              |              |             |         |           |    |               |    |         |              |     |              |         |              |   |              |                |    |          |      |              |            |            |              |      |   |            |              |              |              |         |              |   |              |   |  |  |  |  |  |             |   |      |   |  |  |  |  |  |               |    |              |   |  |  |  |  |  |            |    |              |   |    |  |  |  |  |              |    |              |   |  |  |  |  |  |
| <b>72</b>   | 6229 - Mixed lowland shrub    | Nonstocked      | 2.3   |           |                    | No           |   |                |         |            |     |     |                    |         |             |      |                      |           |      |         |   |              |              |             |         |           |    |               |    |         |              |     |              |         |              |   |              |                |    |          |      |              |            |            |              |      |   |            |              |              |              |         |              |   |              |   |  |  |  |  |  |             |   |      |   |  |  |  |  |  |               |    |              |   |  |  |  |  |  |            |    |              |   |    |  |  |  |  |              |    |              |   |  |  |  |  |  |
| <b>73</b>   | 4319 - Mixed Upland Forest    | Poletimber Well | 28.6  | 35        | 51-80              | N/A          | Mackinac Mix stand that is mostly pole size but contains some pockets of saplings. Scattered white pine and cedar. This stand is a transitional stand from upland to lowland cedar and contains some low wet spots. |                |         |            |     |     |                    |         |             |      |                      |           |      |         |   |              |              |             |         |           |    |               |    |         |              |     |              |         |              |   |              |                |    |          |      |              |            |            |              |      |   |            |              |              |              |         |              |   |              |   |  |  |  |  |  |             |   |      |   |  |  |  |  |  |               |    |              |   |  |  |  |  |  |            |    |              |   |    |  |  |  |  |              |    |              |   |  |  |  |  |  |
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| Canopy Species  | % Cover                       | Size Class      | DBH   | Age       | Sub-Canopy Species | Density      | Avg. Height   | Size           |         |            |     |     |                    |         |             |      |                      |           |      |         |   |              |              |             |         |           |    |               |    |         |              |     |              |         |              |   |              |                |    |          |      |              |            |            |              |      |   |            |              |              |              |         |              |   |              |   |  |  |  |  |  |             |   |      |   |  |  |  |  |  |               |    |              |   |  |  |  |  |  |            |    |              |   |    |  |  |  |  |              |    |              |   |  |  |  |  |  |
| Northern White Cedar  | 2                             | Pole            | 6     |           | Black Cherry       | Low          | 5 - 10 feet   | Sapling        |         |            |     |     |                    |         |             |      |                      |           |      |         |   |              |              |             |         |           |    |               |    |         |              |     |              |         |              |   |              |                |    |          |      |              |            |            |              |      |   |            |              |              |              |         |              |   |              |   |  |  |  |  |  |             |   |      |   |  |  |  |  |  |               |    |              |   |  |  |  |  |  |            |    |              |   |    |  |  |  |  |              |    |              |   |  |  |  |  |  |
| Red Maple   | 18                            | Pole            | 5     |           | Yellow Birch       | Low          | 5 - 10 feet   | Sapling        |         |            |     |     |                    |         |             |      |                      |           |      |         |   |              |              |             |         |           |    |               |    |         |              |     |              |         |              |   |              |                |    |          |      |              |            |            |              |      |   |            |              |              |              |         |              |   |              |   |  |  |  |  |  |             |   |      |   |  |  |  |  |  |               |    |              |   |  |  |  |  |  |            |    |              |   |    |  |  |  |  |              |    |              |   |  |  |  |  |  |
| Black Cherry  | 5                             | Sapling/Pole    | 4     |           | Conifers           | High         | 10 - 20 feet  | Sapling        |         |            |     |     |                    |         |             |      |                      |           |      |         |   |              |              |             |         |           |    |               |    |         |              |     |              |         |              |   |              |                |    |          |      |              |            |            |              |      |   |            |              |              |              |         |              |   |              |   |  |  |  |  |  |             |   |      |   |  |  |  |  |  |               |    |              |   |  |  |  |  |  |            |    |              |   |    |  |  |  |  |              |    |              |   |  |  |  |  |  |
| White Pine  | 2                             | Pole            | 8     |           | Maple (spp.)       | Medium       | 10 - 20 feet  | Sapling        |         |            |     |     |                    |         |             |      |                      |           |      |         |   |              |              |             |         |           |    |               |    |         |              |     |              |         |              |   |              |                |    |          |      |              |            |            |              |      |   |            |              |              |              |         |              |   |              |   |  |  |  |  |  |             |   |      |   |  |  |  |  |  |               |    |              |   |  |  |  |  |  |            |    |              |   |    |  |  |  |  |              |    |              |   |  |  |  |  |  |
| Yellow Birch  | 5                             | Pole/Sapling    | 5     |           |                    |              |   |                |         |            |     |     |                    |         |             |      |                      |           |      |         |   |              |              |             |         |           |    |               |    |         |              |     |              |         |              |   |              |                |    |          |      |              |            |            |              |      |   |            |              |              |              |         |              |   |              |   |  |  |  |  |  |             |   |      |   |  |  |  |  |  |               |    |              |   |  |  |  |  |  |            |    |              |   |    |  |  |  |  |              |    |              |   |  |  |  |  |  |
| Paper Birch   | 3                             | Pole            | 5     |           |                    |              |   |                |         |            |     |     |                    |         |             |      |                      |           |      |         |   |              |              |             |         |           |    |               |    |         |              |     |              |         |              |   |              |                |    |          |      |              |            |            |              |      |   |            |              |              |              |         |              |   |              |   |  |  |  |  |  |             |   |      |   |  |  |  |  |  |               |    |              |   |  |  |  |  |  |            |    |              |   |    |  |  |  |  |              |    |              |   |  |  |  |  |  |
| Quaking Aspen   | 15                            | Pole/Sapling    | 4     |           |                    |              |   |                |         |            |     |     |                    |         |             |      |                      |           |      |         |   |              |              |             |         |           |    |               |    |         |              |     |              |         |              |   |              |                |    |          |      |              |            |            |              |      |   |            |              |              |              |         |              |   |              |   |  |  |  |  |  |             |   |      |   |  |  |  |  |  |               |    |              |   |  |  |  |  |  |            |    |              |   |    |  |  |  |  |              |    |              |   |  |  |  |  |  |
| Balsam Fir  | 40                            | Pole/Sapling    | 6     | 35        |                    |              |   |                |         |            |     |     |                    |         |             |      |                      |           |      |         |   |              |              |             |         |           |    |               |    |         |              |     |              |         |              |   |              |                |    |          |      |              |            |            |              |      |   |            |              |              |              |         |              |   |              |   |  |  |  |  |  |             |   |      |   |  |  |  |  |  |               |    |              |   |  |  |  |  |  |            |    |              |   |    |  |  |  |  |              |    |              |   |  |  |  |  |  |
| White Spruce  | 10                            | Pole/Sapling    | 5     |           |                    |              |   |                |         |            |     |     |                    |         |             |      |                      |           |      |         |   |              |              |             |         |           |    |               |    |         |              |     |              |         |              |   |              |                |    |          |      |              |            |            |              |      |   |            |              |              |              |         |              |   |              |   |  |  |  |  |  |             |   |      |   |  |  |  |  |  |               |    |              |   |  |  |  |  |  |            |    |              |   |    |  |  |  |  |              |    |              |   |  |  |  |  |  |
| <b>74</b>   | 500 - Water                   | Nonstocked      | 16.3  |           |                    | No           |   |                |         |            |     |     |                    |         |             |      |                      |           |      |         |   |              |              |             |         |           |    |               |    |         |              |     |              |         |              |   |              |                |    |          |      |              |            |            |              |      |   |            |              |              |              |         |              |   |              |   |  |  |  |  |  |             |   |      |   |  |  |  |  |  |               |    |              |   |  |  |  |  |  |            |    |              |   |    |  |  |  |  |              |    |              |   |  |  |  |  |  |
| <b>75</b>   | 500 - Water                   | Nonstocked      | 3.6   |           |                    | No           |   |                |         |            |     |     |                    |         |             |      |                      |           |      |         |   |              |              |             |         |           |    |               |    |         |              |     |              |         |              |   |              |                |    |          |      |              |            |            |              |      |   |            |              |              |              |         |              |   |              |   |  |  |  |  |  |             |   |      |   |  |  |  |  |  |               |    |              |   |  |  |  |  |  |            |    |              |   |    |  |  |  |  |              |    |              |   |  |  |  |  |  |



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

**76** 4191 - Mixed Upland Deciduous with Conifer Sapling Well 25.3 33 Immature N/A Young aspen stand that borders the wetland. Stand contains scattered cedar and a decent amount of conifer.

| Canopy Species       | % Cover | Size Class   | DBH | Age |
|----------------------|---------|--------------|-----|-----|
| Red Maple            | 8       | Pole/Sapling | 5   |     |
| Paper Birch          | 10      | Pole         | 5   |     |
| Northern White Cedar | 2       | Pole         | 6   |     |
| Jack Pine            | 2       | Pole         | 9   |     |
| Bigtooth Aspen       | 38      | Sapling      | 4   | 33  |
| Black Cherry         | 24      | Sapling      | 4   |     |
| Balsam Fir           | 16      | Pole/Sapling | 6   |     |

**77** 4130 - Aspen Sapling Well 12.6 3 Immature N/A 121-19 Cornucopia

| Canopy Species | % Cover | Size Class | DBH | Age |
|----------------|---------|------------|-----|-----|
| Black Cherry   | 10      | Sapling    | 1   |     |
| Quaking Aspen  | 70      | Sapling    | 1   | 3   |
| Balsam Poplar  | 20      | Sapling    | 1   |     |

**78** 6120 - Lowland Cedar Poletimber Well 50.1 145 N/A This is a pole size cedar stand that is pretty wet. Fair of amount of deer activity in this stand.

| Canopy Species       | % Cover | Size Class | DBH | Age |
|----------------------|---------|------------|-----|-----|
| Northern White Cedar | 80      | Pole       | 5   | 145 |
| Black Spruce         | 10      | Pole       | 6   |     |
| Balsam Fir           | 8       | Pole       | 5   |     |
| Paper Birch          | 2       | Pole       | 5   |     |

| Sub-Canopy Species | Density | Avg. Height  | Size    |
|--------------------|---------|--------------|---------|
| Conifers           | Medium  | 10 - 20 feet | Sapling |

**79** 622 - Lowland Shrub Nonstocked 8.6 No

**80** 4211 - Planted Red Pine Sawtimber Well 44.5 80 141-170 N/A Was previously same stand as stands harvested to south in Flightpath Pine 45-107-14-01. harvested completed in 2016. Residual Log Red Pine left for age class.

**81** 629 - Mixed non-forested wetland Nonstocked 5.3 Unspecified No

**82** 42110 - Planted Red Pine Sawtimber Well 24.7 74 111-140 N/A Stand thinned in 2015.

| Canopy Species | % Cover | Size Class | DBH | Age |
|----------------|---------|------------|-----|-----|
| Red Pine       | 100     | Log        | 15  | 74  |



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

**234** 4110 - Sugar Maple Association Sawtimber Well 770.9 103 81-110 N/A

Large hardwood stand. Some areas have a good amount of high quality pole sized hardwoods. Basal area is variable throughout. Areas that haven't not been treated in the last 10 years have a BA average around 100-110. Rolling hills and boulders throughout. DHA for red-shouldered hawk and walking fern. Thinned in 2018 45-108-18-01 C158MWR. Thinning in NE part of stand completed in 2019. Streeeter Rd Hardwoods 45-104

| Canopy Species | % Cover | Size Class | DBH | Age |
|----------------|---------|------------|-----|-----|
| White Spruce   | 2       | Pole       | 9   |     |
| Bigtooth Aspen | 2       | Log/Pole   | 10  |     |
| Paper Birch    | 3       | Log/Pole   | 10  |     |
| Red Maple      | 2       | Log/Pole   | 12  |     |
| Beech          | 2       | Log/Pole   | 12  |     |
| Sugar Maple    | 80      | Log/Pole   | 13  | 103 |
| Balsam Fir     | 2       | Pole       | 6   |     |
| Basswood       | 4       | Log        | 13  |     |
| Yellow Birch   | 1       | Pole/Log   | 9   |     |
| Black Cherry   | 2       | Log/Pole   | 10  |     |

| Sub-Canopy Species | Density | Avg. Height  | Size    |
|--------------------|---------|--------------|---------|
| Sugar Maple        | Medium  | 10 - 20 feet | Sapling |
| Black Cherry       | Low     | 5 - 10 feet  | Sapling |
| Balsam Fir         | Low     | 10 - 20 feet | Sapling |
| Beech              | Low     | 5 - 10 feet  | Sapling |
| White Spruce       | Low     | 10 - 20 feet | Sapling |