



# Compartment Review Presentation

Crystal Falls Forest Management Unit

Compartment 12022

Entry Year 2021

Acreage: 2,618

County Dickinson

Management Area: Chain Lakes Moraine

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**Revision Date:** 2019-08-04

**Stand Examiner:** Andrew Church

**Legal Description:**

T44N, R27W, Sections 1-4, 10-14

**Identified Planning Goals:**

Optimize sustainable timber production, enhance wildlife habitat and protect riparian areas.

**Soil and topography:**

The majority of the upland is dominated by Karlin loamy fine sand, Zimmerman fine sand & Wainola fine sand. These soils are excessively drained. Terrain is nearly level to gently rolling. Lowland types are primarily Cathro mucks, with some Deford fine sand.

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

State-owned land with private parcels through the center. Land is used by hunters, fishermen, campers, and trappers. State land surrounds much of the compartment boundary.

**Unique Natural Features:**

Kate's Lake and Little Kate's Lake, Bryan Creek, Poplar Creek, Big Brook Creek.

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

None known.

**Special Management Designations or Considerations:**

Snowmobile trail will need to be considered.

**Watershed and Fisheries Considerations:**

The western and southern regions of this compartment border Big Brook which serves as a tributary to Bryan Creek. Big Brook is designated a Type 1 trout stream less than 50' width. A 300' buffer is recommended for Big Brook in riparian areas susceptible to Aspen regeneration. For areas not susceptible to Aspen regeneration, 100' plus 5' per 1% increase in slope; buffers are recommended to protect these areas in accordance with Best Management Practices.

The southeastern region of this compartment contains Bryan Creek which serves as a tributary to the West Branch of the Escanaba River. Bryan Creek is designated a Type 1 trout stream less than 50' width. A 300' buffer is recommended for Bryan Creek in riparian areas susceptible to Aspen regeneration. For areas not susceptible to Aspen regeneration, 100' plus 5' per 1% increase in slope; buffers are recommended to protect these areas in accordance with Best Management Practices.

The northern region of this compartment contains Little Kates Lake and borders the western shoreline of Kates Lake. 100' plus 5' per 1% increase in slope; buffers are recommended for Little Kates Lake and Kates Lake to protect shoreline areas in accordance with Best Management Practices.

**Wildlife Habitat Considerations:**

This compartment falls within the Chain Lakes MA with black bear, red crossbill, gray jay, pileated woodpecker, northern goshawk, woodcock and grouse as featured species. This compartment has considerable State Game Fund Purchased land. Bear habitat is ideal in this compartment. Moose and deer both use the extensive lowlands and riparian habitat. Eagles, osprey and loons use the lakes, ponds and wetlands found in the compartment.

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

The state-owned Kate's Grade sand/gravel pit is located less than one mile to the east, but sand & gravel potential may be limited within the compartment. There has been no history of metallic mineral mining in this area. Mineral rights in and around the compartment were previously leased for metallic mineral exploration and development more than 30 years ago, but no known exploration occurred. Potential for metallic minerals at depth beneath the compartment is unknown. There is no known potential for economic hydrocarbon production in the UP. The state does not own all mineral rights within the compartment. Because the mineral estate is the dominant estate, reasonable access to the surface must be

provided to private owners if they choose to explore or develop their mineral rights.

**Vehicle Access:**

Kate's Grade and Little Brook Road serves as primary access routes through the compartment. The compartment is also accessed by a network of poor dirt roads.

**Survey Needs:**

Corners may be needed.

**Recreational Facilities and Opportunities:**

Hunting, camping, fishing, trapping, hiking, canoeing.

**Fire Protection:**

Felch protection area. Access to most upland stands is fair. Access to some swamp types would be difficult.

**Additional Compartment Information:**

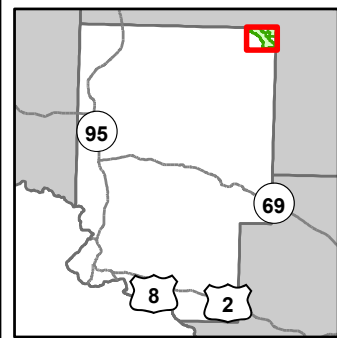
**The following reports from the Inventory are attached:**

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

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

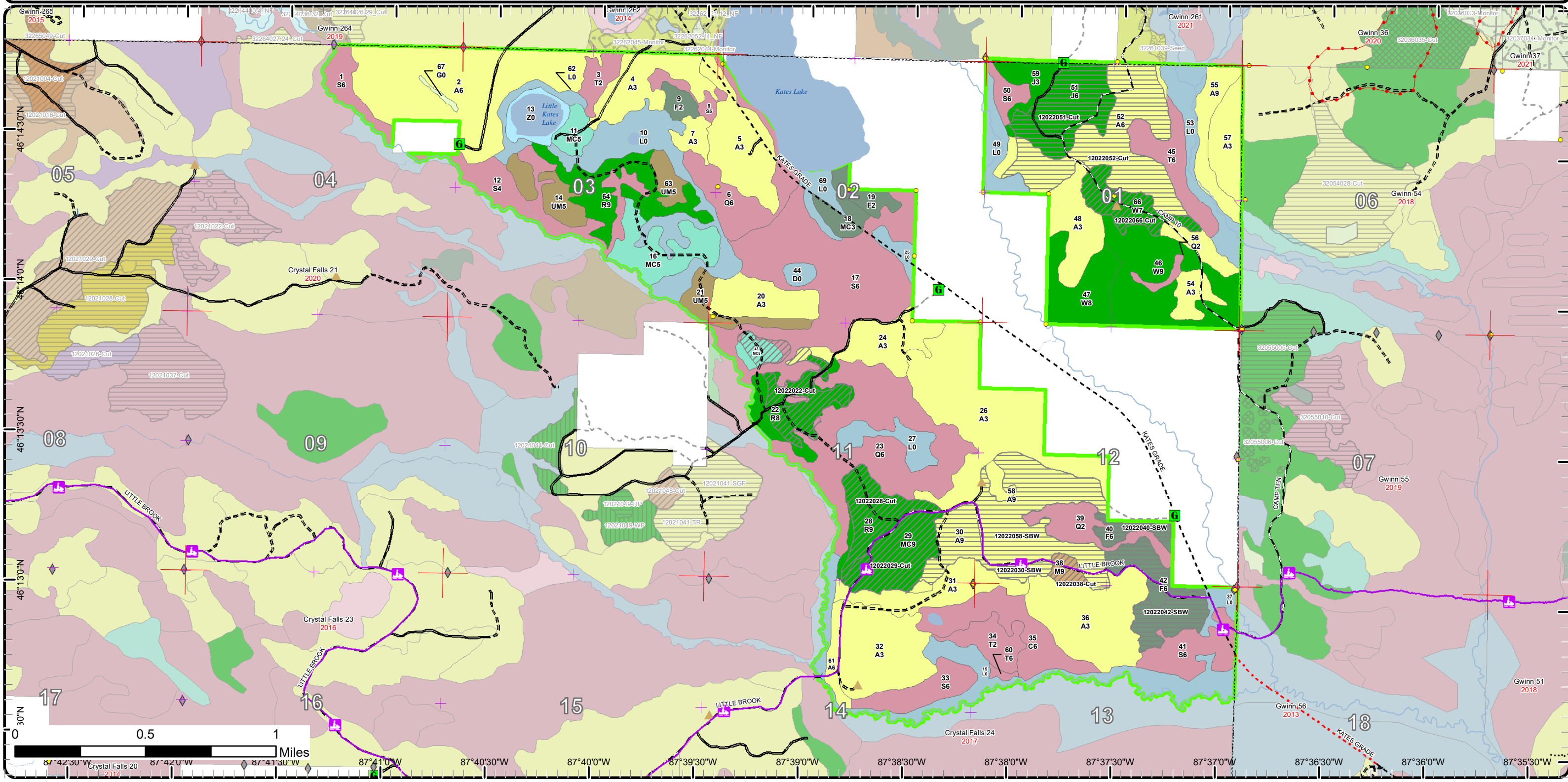
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

# Cover Type & Treatments Map



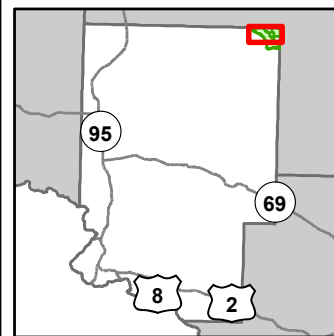
Compartment: 22  
 T44N, R27W, Sec. 1-4, 11-14  
 County: Dickinson  
 Unit: Crystal Falls  
 Mgmt Area: Chain Lakes Moraine  
 YOE: 2021  
 Acres: 2,618 GIS Calculated  
 Examiner: Andrew Church  
 Map Revised: 1/27/2020  
 Map Phase: Post-Review

- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- ◆ Field Grade Corners
- Counties
- == DNR - Primary Forest Road
- == DNR - Secondary Forest Road
- == DNR - Forest Access Route
- - - Federal / State - Dirt / Gravel Road
- . - . County - Gravel Road
- - - County - Dirt Road (Seasonal)
- - - Private - Dirt / Gravel Road
- 🚙 Snowmobile Trails
- 🚙 Designated Snowmobile Trails
- ▲ Berms
- G Gate
- ✈ Bridges
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- 🟩 Compartment Boundary
- Clearcut (w/Reserves)
- Thinning (Crown, Low, Systematic)
- 411 - Northern Hardwood
- 413 - Aspen
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 612 - Lowland Coniferous Forest
- 310 - Herbaceous Openland
- 500 - Water
- 622 - Lowland Shrub

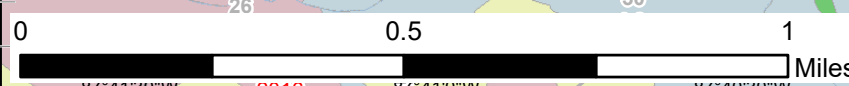
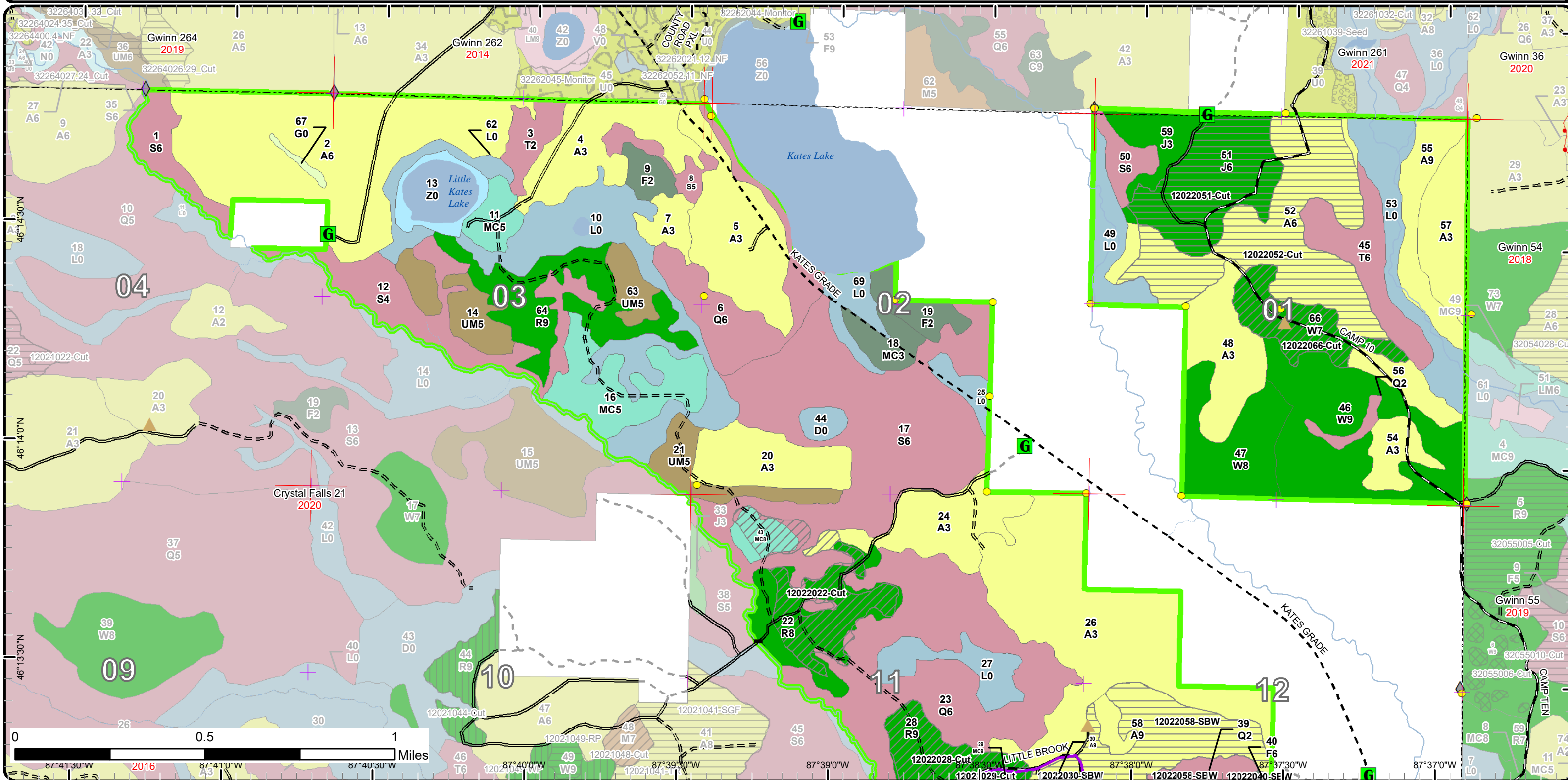


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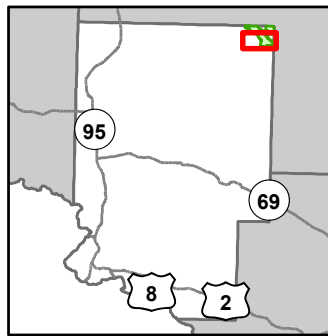
- |  |                                     |                                 |                           |
|--|-------------------------------------|---------------------------------|---------------------------|
| — Miris Corners                        | ⊠ Bridges                           | <b>G</b> Gate                   | 310 - Herbaceous Openland |
| ⊕ Remonumented Section Corners         | — Intermittent Stream               | — Lake/Pond                     | 500 - Water               |
| ● Survey Grade Corners                 | — Perennial River                   | — Lakes and Rivers              | 622 - Lowland Shrub       |
| ◆ Field Grade Corners                  | — Compartment Boundary              | — Clearcut (w/Reserves)         |                           |
| — Counties                             | — Thinning (Crown, Low, Systematic) | 413 - Aspen                     |                           |
| — DNR - Primary Forest Road            | 422 - Natural Pines                 | 423 - Other Upland Conifers     |                           |
| — DNR - Secondary Forest Road          | 429 - Mixed Upland Conifers         | 430 - Upland Mixed Forest       |                           |
| — DNR - Forest Access Route            | 422 - Natural Pines                 | 612 - Lowland Coniferous Forest |                           |
| — Federal / State - Dirt / Gravel Road | — ORV License & Trail Permit        |                                 |                           |
| — County - Dirt Road (Seasonal)        | — Designated Snowmobile Trails      |                                 |                           |
| — Private - Dirt / Gravel Road         | ▲ Berms                             |                                 |                           |



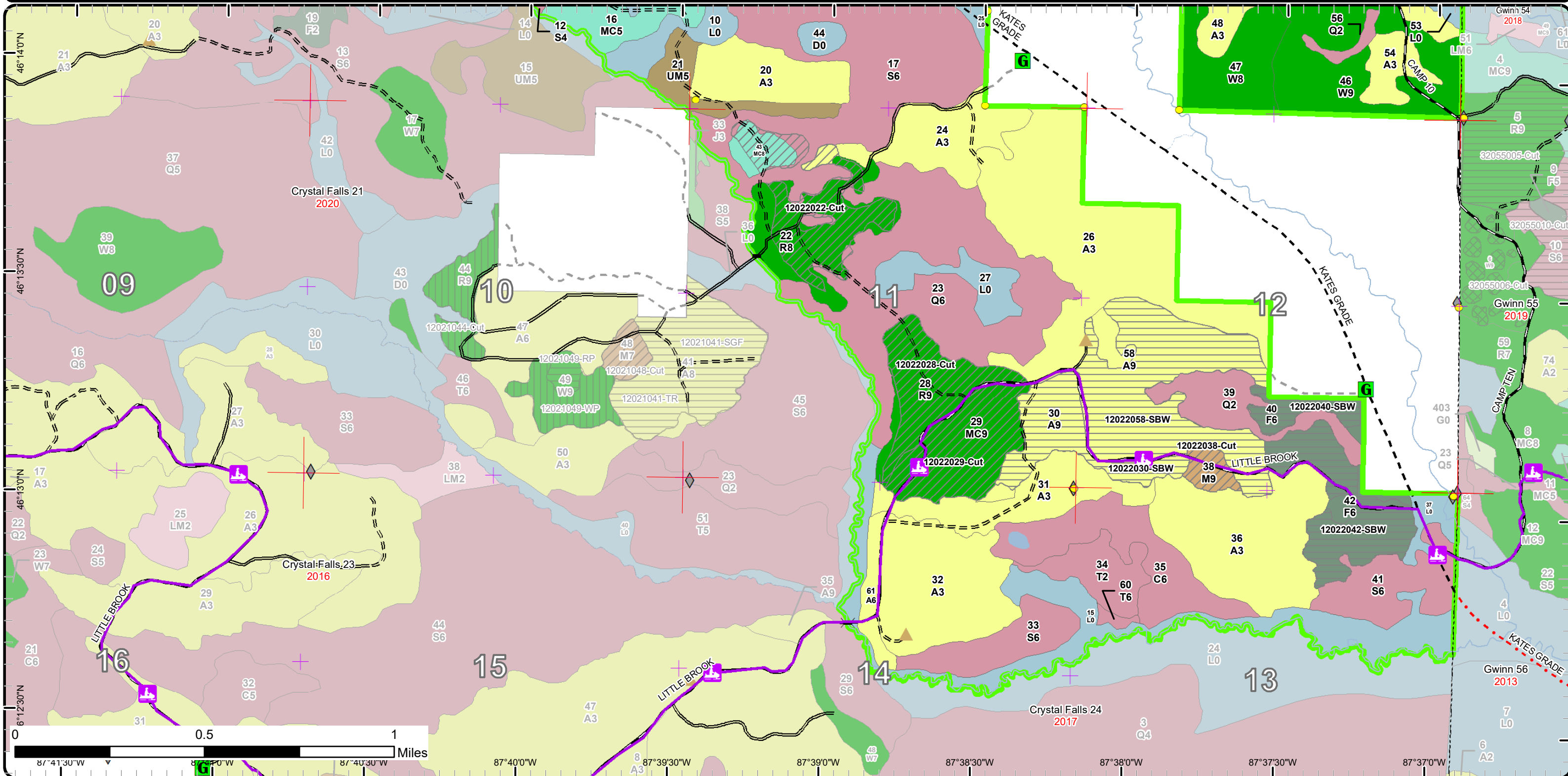
87°41'30"W 2016 87°41'0"W 87°39'30"W 87°39'0"W 87°38'0"W 87°37'30"W 87°37'0"W

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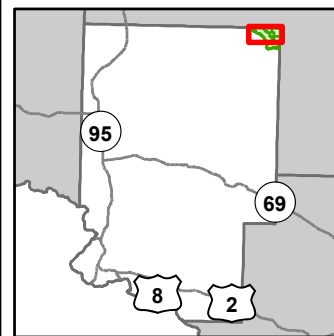


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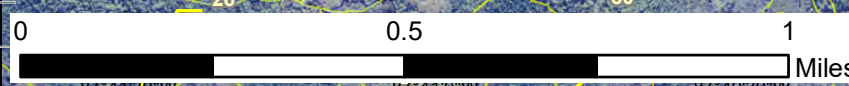
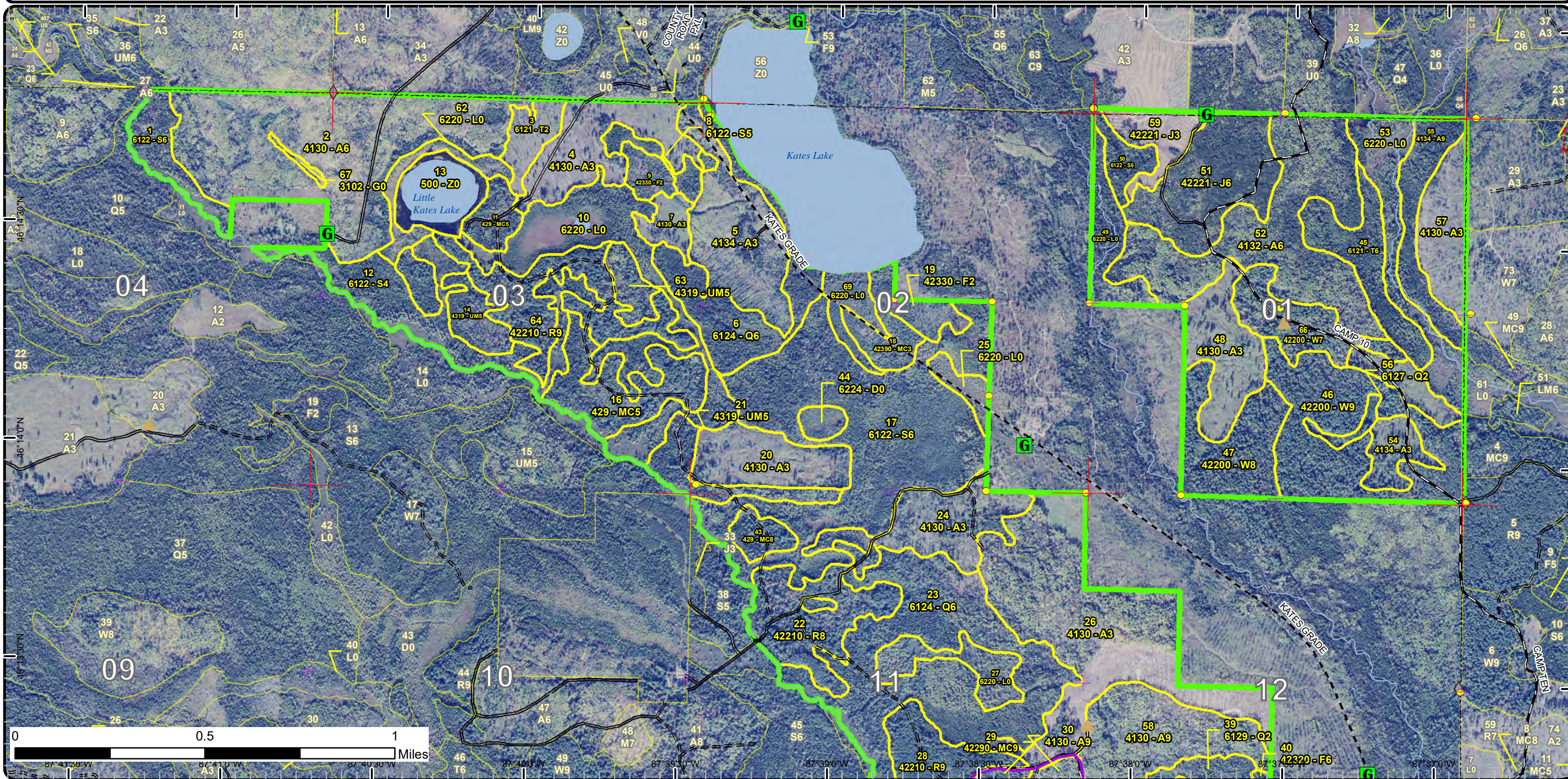


# Stand Boundary Map

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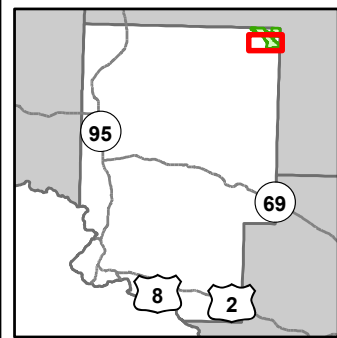
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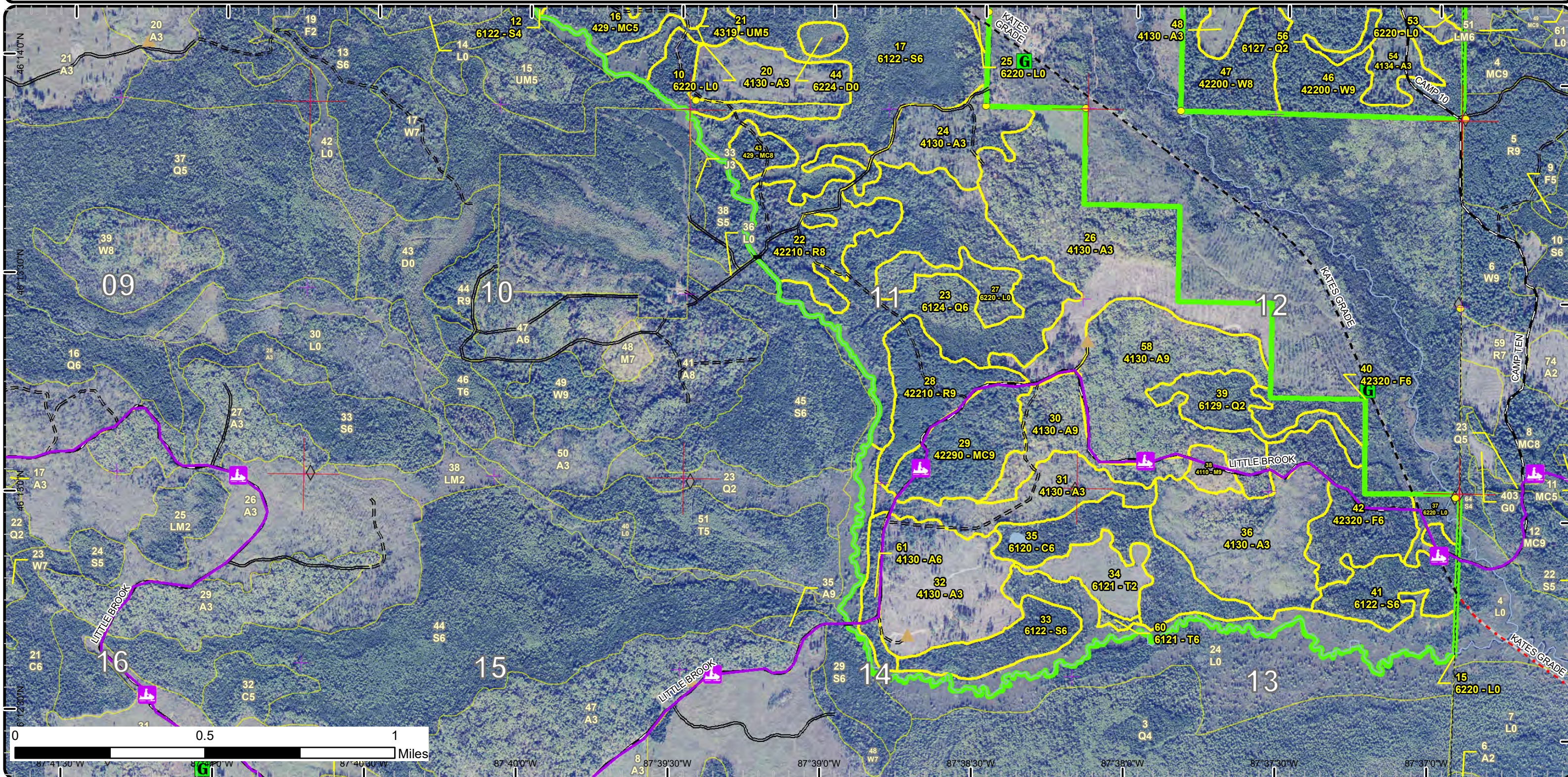
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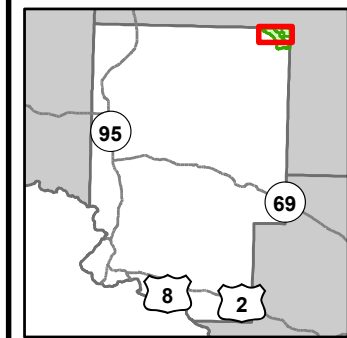
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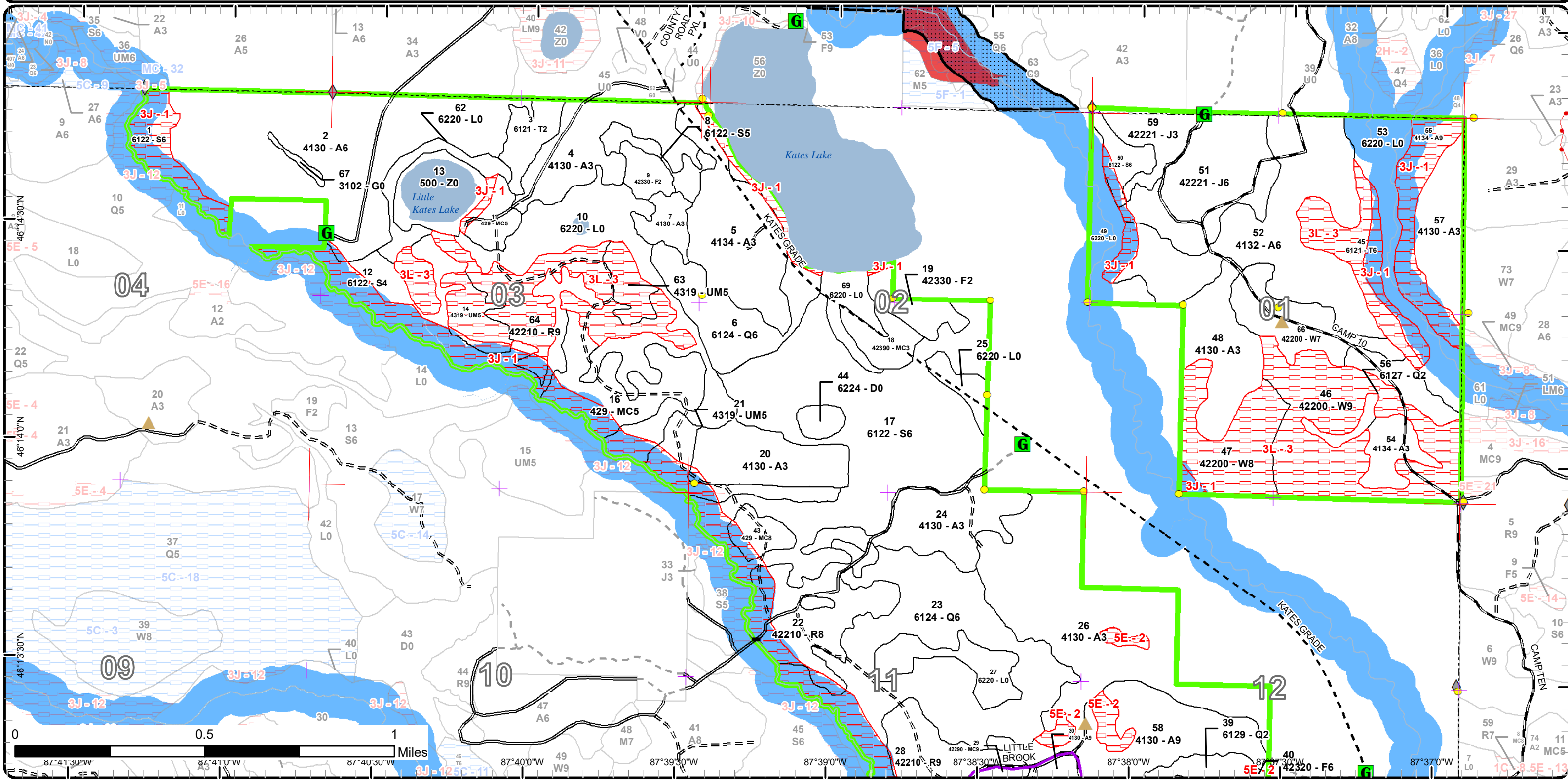


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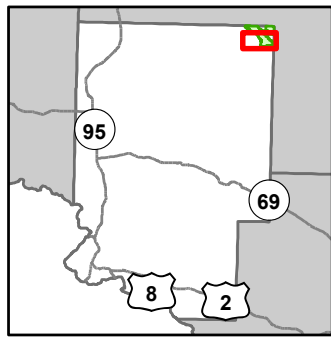
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- Unavailable
- 3J: Water quality / BMPs (stream, river, or lake)
- 3L: Other wildlife concerns
- 5E: Long-Term Retention
- Stand Boundaries
- SCA
- Ecological Reference Areas
- Cold Water Streams
- High Priority Trout Stream Buffer
- Other SCA (No Category Assigned)



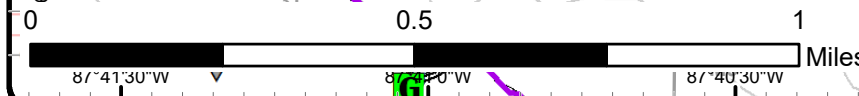
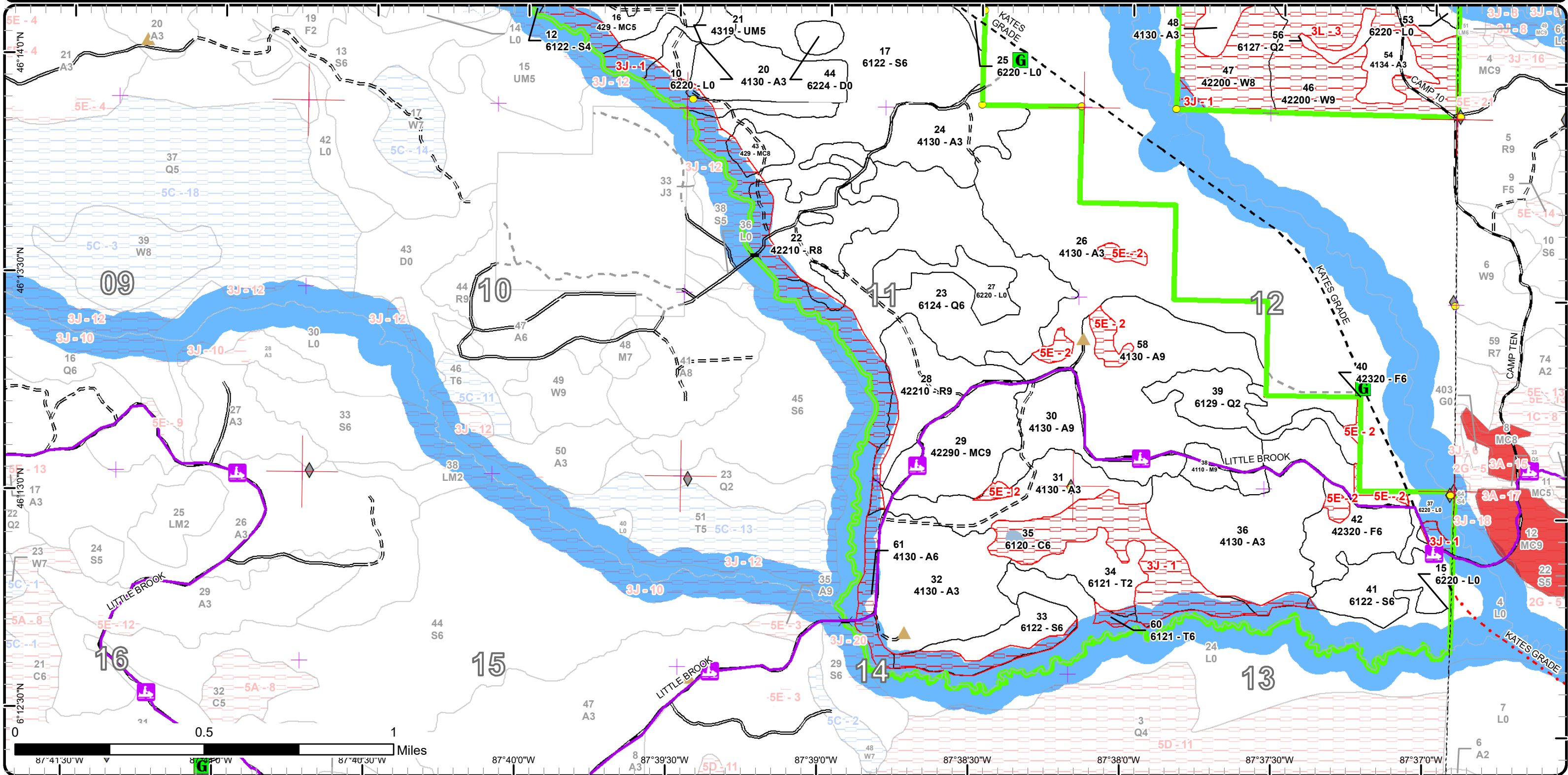


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Report 1 – Total Acres by Cover Type and Age Class



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          | 283        | 184        | 134        | 145        | 0         | 0         | 272        | 0          | 0        | 0         | 0         | 0          | 0         | 0        | 0        | 0        | 0           | 1018        |
| Cedar               | 0          | 0          | 0          | 0          | 0          | 0         | 0         | 0          | 0          | 0        | 0         | 0         | 51         | 0         | 0        | 0        | 0        | 0           | 51          |
| Herbaceous Openland | 2          | 0          | 0          | 0          | 0          | 0         | 0         | 0          | 0          | 0        | 0         | 0         | 0          | 0         | 0        | 0        | 0        | 0           | 2           |
| Jack Pine           | 0          | 18         | 0          | 0          | 0          | 0         | 0         | 57         | 0          | 0        | 0         | 0         | 0          | 0         | 0        | 0        | 0        | 0           | 75          |
| Lowland Conifers    | 0          | 0          | 0          | 0          | 0          | 0         | 0         | 209        | 0          | 0        | 0         | 0         | 0          | 0         | 0        | 0        | 0        | 0           | 209         |
| Lowland Shrub       | 274        | 0          | 0          | 0          | 0          | 0         | 0         | 0          | 0          | 0        | 0         | 0         | 0          | 0         | 0        | 0        | 0        | 0           | 274         |
| Lowland Spruce/Fir  | 0          | 0          | 0          | 0          | 0          | 0         | 0         | 0          | 305        | 0        | 0         | 0         | 20         | 0         | 0        | 0        | 0        | 0           | 325         |
| Natural Mixed Pines | 0          | 0          | 0          | 0          | 0          | 0         | 0         | 0          | 0          | 0        | 0         | 0         | 0          | 46        | 0        | 0        | 0        | 0           | 46          |
| Northern Hardwood   | 0          | 0          | 0          | 0          | 0          | 0         | 0         | 0          | 0          | 8        | 0         | 0         | 0          | 0         | 0        | 0        | 0        | 0           | 8           |
| Red Pine            | 0          | 0          | 0          | 0          | 0          | 0         | 0         | 0          | 0          | 49       | 0         | 51        | 39         | 0         | 0        | 0        | 0        | 0           | 139         |
| Tamarack            | 0          | 37         | 0          | 0          | 0          | 0         | 0         | 0          | 32         | 0        | 0         | 2         | 0          | 0         | 0        | 0        | 0        | 0           | 71          |
| Treed Bog           | 6          | 0          | 0          | 0          | 0          | 0         | 0         | 0          | 0          | 0        | 0         | 0         | 0          | 0         | 0        | 0        | 0        | 0           | 6           |
| Upland Conifers     | 0          | 0          | 0          | 13         | 0          | 53        | 0         | 0          | 0          | 0        | 0         | 10        | 0          | 0         | 0        | 0        | 0        | 0           | 76          |
| Upland Mixed Forest | 0          | 0          | 0          | 0          | 0          | 21        | 34        | 0          | 0          | 0        | 0         | 0         | 0          | 0         | 0        | 0        | 0        | 0           | 55          |
| Upland Spruce/Fir   | 0          | 0          | 14         | 9          | 0          | 0         | 0         | 63         | 0          | 0        | 0         | 0         | 0          | 0         | 0        | 0        | 0        | 0           | 86          |
| Water               | 26         | 0          | 0          | 0          | 0          | 0         | 0         | 0          | 0          | 0        | 0         | 0         | 0          | 0         | 0        | 0        | 0        | 0           | 26          |
| White Pine          | 0          | 0          | 0          | 0          | 0          | 0         | 0         | 0          | 0          | 0        | 0         | 0         | 152        | 0         | 0        | 0        | 0        | 0           | 152         |
| <b>Total</b>        | <b>308</b> | <b>338</b> | <b>198</b> | <b>156</b> | <b>145</b> | <b>74</b> | <b>34</b> | <b>601</b> | <b>337</b> | <b>0</b> | <b>57</b> | <b>12</b> | <b>274</b> | <b>85</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b>    | <b>2619</b> |



## Report 2 – Treatment Summary

Crystal Falls Mgt. Unit  
Year of Entry: 2021

Acres of Harvest

Compartment 22  
Total Compartment Acres: 2,618

Commercial Harvest - 497  
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 |
|---------------------|------------|-----------|----------------|-----------|-------------|------------|-------------------|----------|----------|-------------|
| Aspen               | 219        | 0         | 0              | 0         | 0           | 0          | 0                 | 0        | 0        | 219         |
| Jack Pine           | 56         | 0         | 0              | 0         | 0           | 0          | 0                 | 0        | 0        | 56          |
| Natural Mixed Pines | 0          | 0         | 0              | 0         | 0           | 46         | 0                 | 0        | 0        | 46          |
| Northern Hardwood   | 0          | 0         | 0              | 0         | 0           | 8          | 0                 | 0        | 0        | 8           |
| Red Pine            | 0          | 0         | 0              | 0         | 0           | 71         | 0                 | 0        | 0        | 71          |
| Upland Conifers     | 0          | 0         | 0              | 0         | 0           | 11         | 0                 | 0        | 0        | 11          |
| Upland Spruce/Fir   | 56         | 0         | 0              | 0         | 0           | 0          | 0                 | 0        | 0        | 56          |
| White Pine          | 0          | 0         | 0              | 0         | 0           | 30         | 0                 | 0        | 0        | 30          |
| <b>Total</b>        | <b>331</b> | <b>0</b>  | <b>0</b>       | <b>0</b>  | <b>0</b>    | <b>166</b> | <b>0</b>          | <b>0</b> | <b>0</b> | <b>497</b>  |

### Proposed and Next Step Treatments by Method

|              | Harvest    | Site Prep | Planting | Seeding  | Burning  | Pesticide | Monitoring | Other    | Non-Forest Mgt. | Total Acres |
|--------------|------------|-----------|----------|----------|----------|-----------|------------|----------|-----------------|-------------|
| Current      | 497        | 0         | 0        | 0        | 0        | 0         | 0          | 0        | 0               | 497         |
| Next Step    | 0          | 56        | 0        | 0        | 0        | 0         | 331        | 0        | 0               | 387         |
| <b>Total</b> | <b>497</b> | <b>56</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b>  | <b>331</b> | <b>0</b> | <b>0</b>        | <b>884</b>  |



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

**Proposed Treatments:**

|           |                     |      |                          |                  |    |         |         |              |                                       |          |    |
|-----------|---------------------|------|--------------------------|------------------|----|---------|---------|--------------|---------------------------------------|----------|----|
| <b>22</b> | <b>12022022-Cut</b> | 35.5 | 42210 - Natural Red Pine | Sawtimber Medium | 93 | 111-140 | Harvest | Low Thinning | 42260 - Natural Pine, Mixed Deciduous | Two-Aged | No |
|-----------|---------------------|------|--------------------------|------------------|----|---------|---------|--------------|---------------------------------------|----------|----|

Prescription Thin Pine targeting 70 residual BA. Leave Pine greater than 24 inches DBH. Cut all other species measuring more than 6 inches at the stump.  
Specs:

Next Step  
Treatments:

Acceptable  
Regen:

Other  
Comment:

Site Condition

Proposed Start Date: 10/1 /2020

|           |                     |      |                          |                |     |         |         |                |                          |           |    |
|-----------|---------------------|------|--------------------------|----------------|-----|---------|---------|----------------|--------------------------|-----------|----|
| <b>28</b> | <b>12022028-Cut</b> | 35.8 | 42210 - Natural Red Pine | Sawtimber Well | 129 | 111-140 | Harvest | Crown Thinning | 42210 - Natural Red Pine | Even-Aged | No |
|-----------|---------------------|------|--------------------------|----------------|-----|---------|---------|----------------|--------------------------|-----------|----|

Prescription Thin Pine targeting 110 residual BA. Leave White Pine unless absolutely necessary. Leave Pine greater than 24 inches DBH.  
Specs:

Next Step  
Treatments:

Acceptable  
Regen:

Other  
Comment:

Site Condition

Proposed Start Date: 10/1 /2020

|           |                     |      |                            |                |     |        |         |                |                                       |          |    |
|-----------|---------------------|------|----------------------------|----------------|-----|--------|---------|----------------|---------------------------------------|----------|----|
| <b>29</b> | <b>12022029-Cut</b> | 45.6 | 42290 - Natural Mixed Pine | Sawtimber Well | 129 | 81-110 | Harvest | Crown Thinning | 42260 - Natural Pine, Mixed Deciduous | Two-Aged | No |
|-----------|---------------------|------|----------------------------|----------------|-----|--------|---------|----------------|---------------------------------------|----------|----|

Prescription Thin Pine targeting 110 residual BA. Leave White Pine unless absolutely necessary. Leave Pine greater than 24 inches DBH.  
Specs:

Next Step  
Treatments:

Acceptable  
Regen:

Other  
Comment:

Site Condition

Proposed Start Date: 10/1 /2020



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

|    |              |     |                                |                |    |         |         |                |                         |           |    |
|----|--------------|-----|--------------------------------|----------------|----|---------|---------|----------------|-------------------------|-----------|----|
| 38 | 12022038-Cut | 8.1 | 4110 - Sugar Maple Association | Sawtimber Well | 97 | 111-140 | Harvest | Crown Thinning | 411 - Northern Hardwood | Even-Aged | No |
|----|--------------|-----|--------------------------------|----------------|----|---------|---------|----------------|-------------------------|-----------|----|

Prescription Thin targeting a residual BA of 80. Leave Pine, Cedar, and Hemlock if found. Cut Spruce and Fir measuring more than 6 inches at the stump.  
Specs:

Next Step  
Treatments:

Acceptable  
Regen:

Other  
Comment:

Site Condition

Proposed Start Date: 10/1 /2020

|    |              |      |                             |                  |     |       |         |                |                                       |          |    |
|----|--------------|------|-----------------------------|------------------|-----|-------|---------|----------------|---------------------------------------|----------|----|
| 43 | 12022043-Cut | 10.5 | 429 - Mixed Upland Conifers | Sawtimber Medium | 109 | 51-80 | Harvest | Crown Thinning | 42260 - Natural Pine, Mixed Deciduous | Two-Aged | No |
|----|--------------|------|-----------------------------|------------------|-----|-------|---------|----------------|---------------------------------------|----------|----|

Prescription Remove 1/3rd Red Pine volume. Leave White Pine unless absolutely necessary. Leave Pine greater than 24 inches DBH. Cut all other species measuring more than 6 inches at the stump.  
Specs:

Next Step  
Treatments:

Acceptable  
Regen:

Other  
Comment:

Site Condition

Proposed Start Date: 10/1 /2020

|    |              |      |  |                 |    |             |         |                         |                          |           |    |
|----|--------------|------|--|-----------------|----|-------------|---------|-------------------------|--------------------------|-----------|----|
| 51 | 12022051-Cut | 56.1 | 42221 - Natural Jack Pine, Mixed Deciduous | Poletimber Well | 68 | Unspecified | Harvest | Clearcut with Retention | 4222 - Natural Jack Pine | Even-Aged | No |
|----|--------------|------|--|-----------------|----|-------------|---------|-------------------------|--------------------------|-----------|----|

Prescription Final harvest using 2" DBH spec. Leave Cedar, Hemlock, Oak if found. Also leave Pine greater than 24 inches at DBH. Buffer Bryan Creek 300 feet.  
Specs:

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

Acceptable Pine, Aspen, Mixed Deciduous, Mixed Conifers  
Regen:

Other  
Comment:

Site Condition

Proposed Start Date: 10/1 /2020

|    |              |      |                         |                 |    |             |         |                         |             |           |    |
|----|--------------|------|-------------------------|-----------------|----|-------------|---------|-------------------------|-------------|-----------|----|
| 52 | 12022052-Cut | 96.9 | 4132 - Aspen, Jack Pine | Poletimber Well | 68 | Unspecified | Harvest | Clearcut with Retention | 413 - Aspen | Even-Aged | No |
|----|--------------|------|-------------------------|-----------------|----|-------------|---------|-------------------------|-------------|-----------|----|

Prescription Final harvest using 2" DBH spec. Leave Cedar, Hemlock, Oak, Red Pine, White Pine if found. Buffer Bryan Creek 300 feet.  
Specs:

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

Acceptable Aspen, Pine, Mixed Deciduous, Mixed Conifers  
Regen:

Other Corridor installed in NE corner of stand.  
Comment:

Site Condition

Proposed Start Date: 10/1 /2020



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| Treatment Name  | Acres | Stand CoverType            | Size Density   | Stand Age | BA Range | Treatment Type | Treatment Method | Cover Type Objective                  | Age Structure | Habitat Cut |
|---|-------|----------------------------|----------------|-----------|----------|----------------|------------------|---------------------------------------|---------------|-------------|
| 66 12022066-Cut   | 30.1  | 42200 - Natural White Pine | Sawtimber Poor | 116       | 1-50     | Harvest        | Low Thinning     | 42260 - Natural Pine, Mixed Deciduous | Two-Aged      | No          |
| <p><u>Prescription</u> Harvest trees greater than 2" DBH. Leave Cedar, Hemlock, Oak, Red Pine, White Pine if found. Leave Pine greater than 24" DBH. Harvest</p> <p><u>Specs:</u> conifers measuring more than 6 inches at the stump.</p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u></p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2020</p> |       |                            |                |           |          |                |                  |                                       |               |             |

**Approved Treatments:**

|  |      |                       |                 |    |             |         |                         |                             |           |    |
|--|------|-----------------------|-----------------|----|-------------|---------|-------------------------|-----------------------------|-----------|----|
| 30 12022030-SBW  | 32.8 | 4130 - Aspen          | Sawtimber Well  | 69 | Unspecified | Harvest | Clearcut with Retention | 413 - Aspen                 | Even-Aged | No |
| <p><u>Prescription</u> Final harvest using 2" spec. Leave cedar, White Pine and Red Pine. Leave spruce and balsam that are 1 stick or less.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Aspen, Spruce, Fir, Mixed Hardwoods, Mixed Conifers</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> 3 /24/2017</p>  |      |                       |                 |    |             |         |                         |                             |           |    |
| 40 12022040-SBW  | 11.0 | 42320 - Upland Spruce | Poletimber Well | 66 | 111-140     | Harvest | Clearcut with Retention | 429 - Mixed Upland Conifers | Even-Aged | No |
| <p><u>Prescription</u> Final harvest using 2" spec. Leave cedar, hemlock, White Pine and Red Pine. Leave spruce and fir that are 1 stick and less. Buffer stand 41</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Aspen, Spruce, Fir, Pine, Mixed Hardwoods, Mixed Conifers</p> <p><u>Regen:</u></p> <p><u>Other</u> If more conifers desired, recommend scarification</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 3 /24/2017</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>42 12022042-SBW</b>   | 44.6  | 42320 - Upland Spruce | Poletimber Well | 66        | Unspecified | Harvest        | Clearcut with Retention | 429 - Mixed Upland Conifers | Even-Aged     | No          |
| <p><u>Prescription Specs:</u> Final harvest using 2" spec. Leave cedar, hemlock, White Pine and Red Pine. Leave spruce and balsam that are 1 stick and less. Buffer stand 41.</p> <p><u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Acceptable Regen:</u> Aspen, Spruce, Fir, Pine, Mixed Hardwoods, Mixed Conifers</p> <p><u>Other Comment:</u> If more conifers desired, recommend scarification</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 3 /24/2017</p> |       |                       |                 |           |             |                |                         |                             |               |             |
| <b>58 12022058-SBW</b>   | 89.6  | 4130 - Aspen          | Sawtimber Well  | 62        | Unspecified | Harvest        | Clearcut with Retention | 413 - Aspen                 | Even-Aged     | No          |
| <p><u>Prescription Specs:</u> Final harvest using 2" spec. Leave cedar, White Pine and Red Pine. Leave spruce and fir that are 1 stick and less.</p> <p><u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Acceptable Regen:</u> Aspen, Spruce, Fir, Pine, Mixed Hardwood, Mixed Conifers</p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 3 /24/2017</p>   |       |                       |                 |           |             |                |                         |                             |               |             |

**Total Treatment Acreage Proposed: 496.6**

## Report 4 – Site Conditions

Crystal Falls Mgt. Unit  
Andrew Church : Examiner

Compartment: 22  
Year of Entry: 2021



### Availability for Management

| Total Acres | Acres Available | Acres Avail    |               | Dominant Site Conditions | Dominant Site Conditions |     |    |
|-------------|-----------------|----------------|---------------|--------------------------|--------------------------|-----|----|
|             |                 | With Condition | Not Available |                          | 3J                       | 3L  | 5E |
| 1019        | 955             | 0              | 64            | Aspen                    | 50                       |     | 14 |
| 51          | 0               | 0              | 51            | Cedar                    | 51                       |     |    |
| 2           | 2               | 0              | 0             | Herbaceous Openland      |                          |     |    |
| 75          | 74              | 0              | 1             | Jack Pine                | 1                        |     |    |
| 209         | 182             | 0              | 27            | Lowland Conifers         | 27                       |     |    |
| 274         | 269             | 0              | 6             | Lowland Shrub            | 6                        |     | 0  |
| 324         | 252             | 0              | 72            | Lowland Spruce/Fir       | 72                       |     |    |
| 46          | 46              | 0              | 0             | Natural Mixed Pines      |                          |     | 0  |
| 8           | 8               | 0              | 0             | Northern Hardwood        |                          |     |    |
| 139         | 73              | 0              | 66            | Red Pine                 | 17                       | 49  |    |
| 72          | 36              | 0              | 35            | Tamarack                 | 13                       | 23  |    |
| 6           | 6               | 0              | 0             | Treed Bog                |                          |     |    |
| 77          | 64              | 0              | 12            | Upland Conifers          | 12                       |     |    |
| 55          | 14              | 0              | 41            | Upland Mixed Forest      | 10                       | 31  |    |
| 85          | 78              | 0              | 8             | Upland Spruce/Fir        | 1                        |     | 7  |
| 26          | 26              | 0              | 0             | Water                    |                          |     |    |
| 152         | 30              | 0              | 122           | White Pine               | 2                        | 120 |    |
| 2,619       | 2,114           |                | 504           | Total Forested Acres     | 261                      | 222 | 21 |
|             | 81%             |                | 19%           | Relative Percent         |                          |     |    |

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

| Site No.         | Dominant Site Cond Availability | Dominant Site Condition                           | Acres | Other Site Condition    | Other Site Condition | Other Site Condition | Other Site Condition |
|------------------|---------------------------------|---|-------|-------------------------|----------------------|----------------------|----------------------|
| 1                | Unavailable                     | 3J: Water quality / BMPs (stream, river, or lake) | 261   | 5E: Long-Term Retention | Unspecified          | Unspecified          | Unspecified          |
| <b>Comments:</b> |                                 |   |       |                         |                      |                      |                      |
| 2                | Unavailable                     | 5E: Long-Term Retention                           | 21    | Unspecified             | Unspecified          | Unspecified          | Unspecified          |
| <b>Comments:</b> |                                 |   |       |                         |                      |                      |                      |



# Report 4 – Site Conditions

Crystal Falls Mgt. Unit  
Andrew Church : Examiner

Compartment: 22  
Year of Entry: 2021



|           |             |                             |     |             |             |             |             |
|-----------|-------------|-----------------------------|-----|-------------|-------------|-------------|-------------|
| 3         | Unavailable | 3L: Other wildlife concerns | 222 | Unspecified | Unspecified | Unspecified | Unspecified |
| Comments: |             |                             |     |             |             |             |             |

Mgt. Unit

Compartment: #Type!

Year of Entry:



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

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

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

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**Comments**

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

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

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

| <b>Conservation Area</b> | <b>Type</b>                | <b>Description</b>   |
|--------------------------|----------------------------|--|
| SCA                      | Cold Water Stream          | A coldwater stream has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species (e.g., slimy sculpin) to persist from year to year. Coldwater streams in Michigan typically provide these conditions due to substantial contributions of groundwater to their stream flows. Such streams are established by Director's action and designated as trout resources by Fisheries Order 210.  |
| SCA                      | Riparian Area              | A transitional area between aquatic and terrestrial ecosystems in which the terrestrial ecosystem influences the aquatic ecosystem and vice-versa. Because of the unique conditions adjacent to lakes, streams and open water wetlands, riparian areas harbor a high diversity of plants and wildlife. Riparian communities are ecologically and socially significant in their effects on water quality and quantity, as well as aesthetics, habitat, bank stability, timber production, and their contribution to overall biodiversity.   |
| ERA                      | Ecological Reference Areas | Ecological Reference Areas (ERAs) are high quality examples of natural communities that have been identified as Element Occurrences (EOs) by the Michigan Natural Features Inventory (MNFI) within the context of their natural community classification system. Element Occurrences with viability ranks of A (Excellent) or B (Good) and a Global (G) or State (S) element (rarity) ranking of endangered (1), threatened (2), or rare (3) serve as an initial base of ERAs. They may be located upon any ownership in the State. The system is comprised of individual or associations of natural community types that are managed for restoration and maintenance of natural ecological processes and values. The public may submit recommendations for lands as ERAs using the DNR Conservation Area Recommendation Form. |



| Stand   | Level 4 Cover Type        | Size Density    | Acres      | Stand Age  | BA Range    | Managed Site | General Comments  |     |              |    |    |   |    |                    |         |             |              |              |              |             |          |  |     |                    |         |             |   |              |                    |             |             |            |           |          |             |            |              |      |          |         |           |        |          |         |  |  |  |
|---|---------------------------|-----------------|------------|------------|-------------|--------------|---|-----|--------------|----|----|---|----|--------------------|---------|-------------|--------------|--------------|--------------|-------------|----------|--|-----|--------------------|---------|-------------|---|--------------|--------------------|-------------|-------------|------------|-----------|----------|-------------|------------|--------------|------|----------|---------|-----------|--------|----------|---------|--|--|--|
| 1   | 6122 - Black Spruce       | Poletimber Well | 20.1       | 110        | Unspecified | N/A          |   |     |              |    |    |   |    |                    |         |             |              |              |              |             |          |  |     |                    |         |             |   |              |                    |             |             |            |           |          |             |            |              |      |          |         |           |        |          |         |  |  |  |
| <table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>15</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>15</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Black Spruce</td> <td>50</td> <td>Pole</td> <td>8</td> <td>110</td> </tr> <tr> <td>Balsam Fir</td> <td>15</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> </tbody> </table> |                           | Canopy Species  | % Cover    | Size Class | DBH         | Age          | Quaking Aspen   | 15  | Log          | 14 |    | Red Maple   | 15 | Log/Pole           | 12      |             | Black Spruce | 50           | Pole         | 8           | 110      | Balsam Fir   | 15  | Pole/Sapling       | 6       |             | <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>  |              | Sub-Canopy Species | Density     | Avg. Height | Size       | Tag Alder | Low      | 5 - 10 feet | Tall Shrub |              |      |          |         |           |        |          |         |  |  |  |
| Canopy Species  | % Cover                   | Size Class      | DBH        | Age        |             |              |   |     |              |    |    |   |    |                    |         |             |              |              |              |             |          |  |     |                    |         |             |   |              |                    |             |             |            |           |          |             |            |              |      |          |         |           |        |          |         |  |  |  |
| Quaking Aspen   | 15                        | Log             | 14         |            |             |              |   |     |              |    |    |   |    |                    |         |             |              |              |              |             |          |  |     |                    |         |             |   |              |                    |             |             |            |           |          |             |            |              |      |          |         |           |        |          |         |  |  |  |
| Red Maple   | 15                        | Log/Pole        | 12         |            |             |              |   |     |              |    |    |   |    |                    |         |             |              |              |              |             |          |  |     |                    |         |             |   |              |                    |             |             |            |           |          |             |            |              |      |          |         |           |        |          |         |  |  |  |
| Black Spruce  | 50                        | Pole            | 8          | 110        |             |              |   |     |              |    |    |   |    |                    |         |             |              |              |              |             |          |  |     |                    |         |             |   |              |                    |             |             |            |           |          |             |            |              |      |          |         |           |        |          |         |  |  |  |
| Balsam Fir  | 15                        | Pole/Sapling    | 6          |            |             |              |   |     |              |    |    |   |    |                    |         |             |              |              |              |             |          |  |     |                    |         |             |   |              |                    |             |             |            |           |          |             |            |              |      |          |         |           |        |          |         |  |  |  |
| Sub-Canopy Species  | Density                   | Avg. Height     | Size       |            |             |              |   |     |              |    |    |   |    |                    |         |             |              |              |              |             |          |  |     |                    |         |             |   |              |                    |             |             |            |           |          |             |            |              |      |          |         |           |        |          |         |  |  |  |
| Tag Alder   | Low                       | 5 - 10 feet     | Tall Shrub |            |             |              |   |     |              |    |    |   |    |                    |         |             |              |              |              |             |          |  |     |                    |         |             |   |              |                    |             |             |            |           |          |             |            |              |      |          |         |           |        |          |         |  |  |  |
| 2   | 4130 - Aspen              | Poletimber Well | 144.9      | 39         | Unspecified | N/A          | Harvested 1981. Many low lying areas mixed throughout.  |     |              |    |    |   |    |                    |         |             |              |              |              |             |          |  |     |                    |         |             |   |              |                    |             |             |            |           |          |             |            |              |      |          |         |           |        |          |         |  |  |  |
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| Canopy Species  | % Cover                   | Size Class      | DBH        | Age        |             |              |   |     |              |    |    |   |    |                    |         |             |              |              |              |             |          |  |     |                    |         |             |   |              |                    |             |             |            |           |          |             |            |              |      |          |         |           |        |          |         |  |  |  |
| Quaking Aspen   | 100                       | Pole/Sapling    | 6          | 39         |             |              |   |     |              |    |    |   |    |                    |         |             |              |              |              |             |          |  |     |                    |         |             |   |              |                    |             |             |            |           |          |             |            |              |      |          |         |           |        |          |         |  |  |  |
| Sub-Canopy Species  | Density                   | Avg. Height     | Size       |            |             |              |   |     |              |    |    |   |    |                    |         |             |              |              |              |             |          |  |     |                    |         |             |   |              |                    |             |             |            |           |          |             |            |              |      |          |         |           |        |          |         |  |  |  |
| Balsam Fir  | Medium                    | Variable        | Sapling    |            |             |              |   |     |              |    |    |   |    |                    |         |             |              |              |              |             |          |  |     |                    |         |             |   |              |                    |             |             |            |           |          |             |            |              |      |          |         |           |        |          |         |  |  |  |
| 3   | 6121 - Tamarack           | Sapling Medium  | 14.2       | 8          | Unspecified | N/A          | Harvested 2012. Pine and Cedar retained.  |     |              |    |    |   |    |                    |         |             |              |              |              |             |          |  |     |                    |         |             |   |              |                    |             |             |            |           |          |             |            |              |      |          |         |           |        |          |         |  |  |  |
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| Canopy Species  | % Cover                   | Size Class      | DBH        | Age        |             |              |   |     |              |    |    |   |    |                    |         |             |              |              |              |             |          |  |     |                    |         |             |   |              |                    |             |             |            |           |          |             |            |              |      |          |         |           |        |          |         |  |  |  |
| Tamarack  | 100                       | Sapling         | 1          | 8          |             |              |   |     |              |    |    |   |    |                    |         |             |              |              |              |             |          |  |     |                    |         |             |   |              |                    |             |             |            |           |          |             |            |              |      |          |         |           |        |          |         |  |  |  |
| Sub-Canopy Species  | Density                   | Avg. Height     | Size       |            |             |              |   |     |              |    |    |   |    |                    |         |             |              |              |              |             |          |  |     |                    |         |             |   |              |                    |             |             |            |           |          |             |            |              |      |          |         |           |        |          |         |  |  |  |
| Cattail spp.  | Medium                    | Unspecified     | Non-Wood   |            |             |              |   |     |              |    |    |   |    |                    |         |             |              |              |              |             |          |  |     |                    |         |             |   |              |                    |             |             |            |           |          |             |            |              |      |          |         |           |        |          |         |  |  |  |
| 4   | 4130 - Aspen              | Sapling Well    | 44.1       | 8          | Immature    | N/A          | Harvested 2012. Pine residuals  |     |              |    |    |   |    |                    |         |             |              |              |              |             |          |  |     |                    |         |             |   |              |                    |             |             |            |           |          |             |            |              |      |          |         |           |        |          |         |  |  |  |
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| Canopy Species  | % Cover                   | Size Class      | DBH        | Age        |             |              |   |     |              |    |    |   |    |                    |         |             |              |              |              |             |          |  |     |                    |         |             |   |              |                    |             |             |            |           |          |             |            |              |      |          |         |           |        |          |         |  |  |  |
| Bigtooth Aspen  | 100                       | Sapling         | 1          | 8          |             |              |   |     |              |    |    |   |    |                    |         |             |              |              |              |             |          |  |     |                    |         |             |   |              |                    |             |             |            |           |          |             |            |              |      |          |         |           |        |          |         |  |  |  |
| Sub-Canopy Species  | Density                   | Avg. Height     | Size       |            |             |              |   |     |              |    |    |   |    |                    |         |             |              |              |              |             |          |  |     |                    |         |             |   |              |                    |             |             |            |           |          |             |            |              |      |          |         |           |        |          |         |  |  |  |
| Jack Pine   | Low                       | Variable        | Sapling    |            |             |              |   |     |              |    |    |   |    |                    |         |             |              |              |              |             |          |  |     |                    |         |             |   |              |                    |             |             |            |           |          |             |            |              |      |          |         |           |        |          |         |  |  |  |
| White Pine  | Low                       | Variable        | Sapling    |            |             |              |   |     |              |    |    |   |    |                    |         |             |              |              |              |             |          |  |     |                    |         |             |   |              |                    |             |             |            |           |          |             |            |              |      |          |         |           |        |          |         |  |  |  |
| 5   | 4134 - Aspen, Spruce/Fir  | Sapling Well    | 55.7       | 27         | Unspecified | N/A          | Harvested 1993.   |     |              |    |    |   |    |                    |         |             |              |              |              |             |          |  |     |                    |         |             |   |              |                    |             |             |            |           |          |             |            |              |      |          |         |           |        |          |         |  |  |  |
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| Canopy Species  | % Cover                   | Size Class      | DBH        | Age        |             |              |   |     |              |    |    |   |    |                    |         |             |              |              |              |             |          |  |     |                    |         |             |   |              |                    |             |             |            |           |          |             |            |              |      |          |         |           |        |          |         |  |  |  |
| Quaking Aspen   | 60                        | Sapling         | 3          | 27         |             |              |   |     |              |    |    |   |    |                    |         |             |              |              |              |             |          |  |     |                    |         |             |   |              |                    |             |             |            |           |          |             |            |              |      |          |         |           |        |          |         |  |  |  |
| Balsam Fir  | 30                        | Sapling         | 3          |            |             |              |   |     |              |    |    |   |    |                    |         |             |              |              |              |             |          |  |     |                    |         |             |   |              |                    |             |             |            |           |          |             |            |              |      |          |         |           |        |          |         |  |  |  |
| Tamarack  | 10                        | Sapling         | 3          |            |             |              |   |     |              |    |    |   |    |                    |         |             |              |              |              |             |          |  |     |                    |         |             |   |              |                    |             |             |            |           |          |             |            |              |      |          |         |           |        |          |         |  |  |  |
| Sub-Canopy Species  | Density                   | Avg. Height     | Size       |            |             |              |   |     |              |    |    |   |    |                    |         |             |              |              |              |             |          |  |     |                    |         |             |   |              |                    |             |             |            |           |          |             |            |              |      |          |         |           |        |          |         |  |  |  |
| Bracken Fern  | Medium                    | Unspecified     | Non-Wood   |            |             |              |   |     |              |    |    |   |    |                    |         |             |              |              |              |             |          |  |     |                    |         |             |   |              |                    |             |             |            |           |          |             |            |              |      |          |         |           |        |          |         |  |  |  |
| Balsam Fir  | Medium                    | Variable        | Sapling    |            |             |              |   |     |              |    |    |   |    |                    |         |             |              |              |              |             |          |  |     |                    |         |             |   |              |                    |             |             |            |           |          |             |            |              |      |          |         |           |        |          |         |  |  |  |
| 6   | 6124 - Lowland Spruce-Fir | Poletimber Well | 46.5       | 69         | Unspecified | N/A          | Several small upland inclusions holding Pine/Spruce/Maple. SW side of stand is mostly upland. |     |              |    |    |   |    |                    |         |             |              |              |              |             |          |  |     |                    |         |             |   |              |                    |             |             |            |           |          |             |            |              |      |          |         |           |        |          |         |  |  |  |
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| Canopy Species  | % Cover                   | Size Class      | DBH        | Age        |             |              |   |     |              |    |    |   |    |                    |         |             |              |              |              |             |          |  |     |                    |         |             |   |              |                    |             |             |            |           |          |             |            |              |      |          |         |           |        |          |         |  |  |  |
| Black Spruce  | 30                        | Pole/Sapling    | 6          | 69         |             |              |   |     |              |    |    |   |    |                    |         |             |              |              |              |             |          |  |     |                    |         |             |   |              |                    |             |             |            |           |          |             |            |              |      |          |         |           |        |          |         |  |  |  |
| Tamarack  | 10                        | Pole            | 8          |            |             |              |   |     |              |    |    |   |    |                    |         |             |              |              |              |             |          |  |     |                    |         |             |   |              |                    |             |             |            |           |          |             |            |              |      |          |         |           |        |          |         |  |  |  |
| White Spruce  | 20                        | Pole/Sapling    | 7          |            |             |              |   |     |              |    |    |   |    |                    |         |             |              |              |              |             |          |  |     |                    |         |             |   |              |                    |             |             |            |           |          |             |            |              |      |          |         |           |        |          |         |  |  |  |
| Jack Pine   | 20                        | Log             | 14         |            |             |              |   |     |              |    |    |   |    |                    |         |             |              |              |              |             |          |  |     |                    |         |             |   |              |                    |             |             |            |           |          |             |            |              |      |          |         |           |        |          |         |  |  |  |
| Sub-Canopy Species  | Density                   | Avg. Height     | Size       |            |             |              |   |     |              |    |    |   |    |                    |         |             |              |              |              |             |          |  |     |                    |         |             |   |              |                    |             |             |            |           |          |             |            |              |      |          |         |           |        |          |         |  |  |  |
| Tag Alder   | Low                       | 5 - 10 feet     | Tall Shrub |            |             |              |   |     |              |    |    |   |    |                    |         |             |              |              |              |             |          |  |     |                    |         |             |   |              |                    |             |             |            |           |          |             |            |              |      |          |         |           |        |          |         |  |  |  |
| Black Spruce  | High                      | Variable        | Sapling    |            |             |              |   |     |              |    |    |   |    |                    |         |             |              |              |              |             |          |  |     |                    |         |             |   |              |                    |             |             |            |           |          |             |            |              |      |          |         |           |        |          |         |  |  |  |
| Red Maple   | Medium                    | Variable        | Sapling    |            |             |              |   |     |              |    |    |   |    |                    |         |             |              |              |              |             |          |  |     |                    |         |             |   |              |                    |             |             |            |           |          |             |            |              |      |          |         |           |        |          |         |  |  |  |
| 7   | 4130 - Aspen              | Sapling Well    | 10.5       | 8          | Immature    | N/A          | Harvested 2012. Pine residuals  |     |              |    |    |   |    |                    |         |             |              |              |              |             |          |  |     |                    |         |             |   |              |                    |             |             |            |           |          |             |            |              |      |          |         |           |        |          |         |  |  |  |
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| Canopy Species  | % Cover                   | Size Class      | DBH        | Age        |             |              |   |     |              |    |    |   |    |                    |         |             |              |              |              |             |          |  |     |                    |         |             |   |              |                    |             |             |            |           |          |             |            |              |      |          |         |           |        |          |         |  |  |  |
| Bigtooth Aspen  | 100                       | Sapling         | 1          | 8          |             |              |   |     |              |    |    |   |    |                    |         |             |              |              |              |             |          |  |     |                    |         |             |   |              |                    |             |             |            |           |          |             |            |              |      |          |         |           |        |          |         |  |  |  |
| Sub-Canopy Species  | Density                   | Avg. Height     | Size       |            |             |              |   |     |              |    |    |   |    |                    |         |             |              |              |              |             |          |  |     |                    |         |             |   |              |                    |             |             |            |           |          |             |            |              |      |          |         |           |        |          |         |  |  |  |
| Jack Pine   | Low                       | Variable        | Sapling    |            |             |              |   |     |              |    |    |   |    |                    |         |             |              |              |              |             |          |  |     |                    |         |             |   |              |                    |             |             |            |           |          |             |            |              |      |          |         |           |        |          |         |  |  |  |
| White Pine  | Low                       | Variable        | Sapling    |            |             |              |   |     |              |    |    |   |    |                    |         |             |              |              |              |             |          |  |     |                    |         |             |   |              |                    |             |             |            |           |          |             |            |              |      |          |         |           |        |          |         |  |  |  |



| Stand   | Level 4 Cover Type          | Size Density      | Acres      | Stand Age  | BA Range    | Managed Site | General Comments   |    |              |    |    |               |    |              |   |    |  |    |                    |         |             |   |           |                    |             |             |  |               |                    |          |              |              |              |          |             |          |
|---|-----------------------------|-------------------|------------|------------|-------------|--------------|--|----|--------------|----|----|---------------|----|--------------|---|----|--|----|--------------------|---------|-------------|---|-----------|--------------------|-------------|-------------|--|---------------|--------------------|----------|--------------|--------------|--------------|----------|-------------|----------|
| 8   | 6122 - Black Spruce         | Poletimber Medium | 9.8        | 70         | Unspecified | N/A          |  |    |              |    |    |               |    |              |   |    |  |    |                    |         |             |   |           |                    |             |             |  |               |                    |          |              |              |              |          |             |          |
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| Canopy Species  | % Cover                     | Size Class        | DBH        | Age        |             |              |  |    |              |    |    |               |    |              |   |    |  |    |                    |         |             |   |           |                    |             |             |  |               |                    |          |              |              |              |          |             |          |
| Black Spruce  | 75                          | Pole/Sapling      | 6          | 70         |             |              |  |    |              |    |    |               |    |              |   |    |  |    |                    |         |             |   |           |                    |             |             |  |               |                    |          |              |              |              |          |             |          |
| Tamarack  | 20                          | Pole/Sapling      | 6          |            |             |              |  |    |              |    |    |               |    |              |   |    |  |    |                    |         |             |   |           |                    |             |             |  |               |                    |          |              |              |              |          |             |          |
| Sub-Canopy Species  | Density                     | Avg. Height       | Size       |            |             |              |  |    |              |    |    |               |    |              |   |    |  |    |                    |         |             |   |           |                    |             |             |  |               |                    |          |              |              |              |          |             |          |
| Tag Alder   | High                        | 5 - 10 feet       | Tall Shrub |            |             |              |  |    |              |    |    |               |    |              |   |    |  |    |                    |         |             |   |           |                    |             |             |  |               |                    |          |              |              |              |          |             |          |
| Cattail spp.  | Low                         | Unspecified       | Non-Wood   |            |             |              |  |    |              |    |    |               |    |              |   |    |  |    |                    |         |             |   |           |                    |             |             |  |               |                    |          |              |              |              |          |             |          |
| Black Spruce  | High                        | Variable          | Sapling    |            |             |              |  |    |              |    |    |               |    |              |   |    |  |    |                    |         |             |   |           |                    |             |             |  |               |                    |          |              |              |              |          |             |          |
| 9   | 42330 - Upland Fir          | Sapling Medium    | 8.9        | 27         | Unspecified | N/A          | Trees starting to reach pole size. Not fully stocked stand.  |    |              |    |    |               |    |              |   |    |  |    |                    |         |             |   |           |                    |             |             |  |               |                    |          |              |              |              |          |             |          |
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| Canopy Species  | % Cover                     | Size Class        | DBH        | Age        |             |              |  |    |              |    |    |               |    |              |   |    |  |    |                    |         |             |   |           |                    |             |             |  |               |                    |          |              |              |              |          |             |          |
| Balsam Fir  | 60                          | Sapling/Pole      | 4          | 27         |             |              |  |    |              |    |    |               |    |              |   |    |  |    |                    |         |             |   |           |                    |             |             |  |               |                    |          |              |              |              |          |             |          |
| Tamarack  | 20                          | Sapling/Pole      | 4          |            |             |              |  |    |              |    |    |               |    |              |   |    |  |    |                    |         |             |   |           |                    |             |             |  |               |                    |          |              |              |              |          |             |          |
| Red Pine  | 10                          | Sapling/Pole      | 4          |            |             |              |  |    |              |    |    |               |    |              |   |    |  |    |                    |         |             |   |           |                    |             |             |  |               |                    |          |              |              |              |          |             |          |
| Black Spruce  | 10                          | Sapling/Pole      | 3          |            |             |              |  |    |              |    |    |               |    |              |   |    |  |    |                    |         |             |   |           |                    |             |             |  |               |                    |          |              |              |              |          |             |          |
| Sub-Canopy Species  | Density                     | Avg. Height       | Size       |            |             |              |  |    |              |    |    |               |    |              |   |    |  |    |                    |         |             |   |           |                    |             |             |  |               |                    |          |              |              |              |          |             |          |
| Bracken Fern  | Medium                      | Unspecified       | Non-Wood   |            |             |              |  |    |              |    |    |               |    |              |   |    |  |    |                    |         |             |   |           |                    |             |             |  |               |                    |          |              |              |              |          |             |          |
| 10  | 6220 - Alder/willow         | Nonstocked        | 75.0       | 0          | Unspecified | No           |  |    |              |    |    |               |    |              |   |    |  |    |                    |         |             |   |           |                    |             |             |  |               |                    |          |              |              |              |          |             |          |
| 11  | 429 - Mixed Upland Conifers | Poletimber Medium | 12.4       | 48         | 81-110      | N/A          |  |    |              |    |    |               |    |              |   |    |  |    |                    |         |             |   |           |                    |             |             |  |               |                    |          |              |              |              |          |             |          |
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| Canopy Species  | % Cover                     | Size Class        | DBH        | Age        |             |              |  |    |              |    |    |               |    |              |   |    |  |    |                    |         |             |   |           |                    |             |             |  |               |                    |          |              |              |              |          |             |          |
| Black Spruce  | 30                          | Pole              | 8          |            |             |              |  |    |              |    |    |               |    |              |   |    |  |    |                    |         |             |   |           |                    |             |             |  |               |                    |          |              |              |              |          |             |          |
| Balsam Fir  | 10                          | Pole/Sapling      | 8          |            |             |              |  |    |              |    |    |               |    |              |   |    |  |    |                    |         |             |   |           |                    |             |             |  |               |                    |          |              |              |              |          |             |          |
| Jack Pine   | 10                          | Pole/Sapling      | 8          |            |             |              |  |    |              |    |    |               |    |              |   |    |  |    |                    |         |             |   |           |                    |             |             |  |               |                    |          |              |              |              |          |             |          |
| Quaking Aspen   | 40                          | Pole              | 7          | 48         |             |              |  |    |              |    |    |               |    |              |   |    |  |    |                    |         |             |   |           |                    |             |             |  |               |                    |          |              |              |              |          |             |          |
| Sub-Canopy Species  | Density                     | Avg. Height       | Size       |            |             |              |  |    |              |    |    |               |    |              |   |    |  |    |                    |         |             |   |           |                    |             |             |  |               |                    |          |              |              |              |          |             |          |
| Balsam Fir  | High                        | Variable          | Sapling    |            |             |              |  |    |              |    |    |               |    |              |   |    |  |    |                    |         |             |   |           |                    |             |             |  |               |                    |          |              |              |              |          |             |          |
| 12  | 6122 - Black Spruce         | Poletimber Poor   | 52.7       | 70         | Unspecified | N/A          | Some small pockets of fully stocked Spruce. Stand is poorly stocked.   |    |              |    |    |               |    |              |   |    |  |    |                    |         |             |   |           |                    |             |             |  |               |                    |          |              |              |              |          |             |          |
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| Canopy Species  | % Cover                     | Size Class        | DBH        | Age        |             |              |  |    |              |    |    |               |    |              |   |    |  |    |                    |         |             |   |           |                    |             |             |  |               |                    |          |              |              |              |          |             |          |
| Black Spruce  | 75                          | Pole/Sapling      | 6          | 70         |             |              |  |    |              |    |    |               |    |              |   |    |  |    |                    |         |             |   |           |                    |             |             |  |               |                    |          |              |              |              |          |             |          |
| Tamarack  | 20                          | Pole/Sapling      | 6          |            |             |              |  |    |              |    |    |               |    |              |   |    |  |    |                    |         |             |   |           |                    |             |             |  |               |                    |          |              |              |              |          |             |          |
| Sub-Canopy Species  | Density                     | Avg. Height       | Size       |            |             |              |  |    |              |    |    |               |    |              |   |    |  |    |                    |         |             |   |           |                    |             |             |  |               |                    |          |              |              |              |          |             |          |
| Tag Alder   | High                        | 5 - 10 feet       | Tall Shrub |            |             |              |  |    |              |    |    |               |    |              |   |    |  |    |                    |         |             |   |           |                    |             |             |  |               |                    |          |              |              |              |          |             |          |
| Cattail spp.  | Low                         | Unspecified       | Non-Wood   |            |             |              |  |    |              |    |    |               |    |              |   |    |  |    |                    |         |             |   |           |                    |             |             |  |               |                    |          |              |              |              |          |             |          |
| Black Spruce  | High                        | Variable          | Sapling    |            |             |              |  |    |              |    |    |               |    |              |   |    |  |    |                    |         |             |   |           |                    |             |             |  |               |                    |          |              |              |              |          |             |          |
| 13  | 500 - Water                 | Nonstocked        | 25.5       |            | Unspecified | No           | Oscar Lake   |    |              |    |    |               |    |              |   |    |  |    |                    |         |             |   |           |                    |             |             |  |               |                    |          |              |              |              |          |             |          |
| 14  | 4319 - Mixed Upland Forest  | Poletimber Medium | 22.5       | 56         | 51-80       | N/A          | Low volumes of Aspen/Spruce/Fir. Many supercanopy Pines. Most of Balsam and White Spruce is dead from Spruce Budworm outbreak. Aspen saplings in understory. |    |              |    |    |               |    |              |   |    |  |    |                    |         |             |   |           |                    |             |             |  |               |                    |          |              |              |              |          |             |          |
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| Canopy Species  | % Cover                     | Size Class        | DBH        | Age        |             |              |  |    |              |    |    |               |    |              |   |    |  |    |                    |         |             |   |           |                    |             |             |  |               |                    |          |              |              |              |          |             |          |
| White Pine  | 10                          | XLog              | 18         |            |             |              |  |    |              |    |    |               |    |              |   |    |  |    |                    |         |             |   |           |                    |             |             |  |               |                    |          |              |              |              |          |             |          |
| Quaking Aspen   | 50                          | Pole              | 7          | 56         |             |              |  |    |              |    |    |               |    |              |   |    |  |    |                    |         |             |   |           |                    |             |             |  |               |                    |          |              |              |              |          |             |          |
| Black Spruce  | 30                          | Pole/Sapling      | 7          |            |             |              |  |    |              |    |    |               |    |              |   |    |  |    |                    |         |             |   |           |                    |             |             |  |               |                    |          |              |              |              |          |             |          |
| Sub-Canopy Species  | Density                     | Avg. Height       | Size       |            |             |              |  |    |              |    |    |               |    |              |   |    |  |    |                    |         |             |   |           |                    |             |             |  |               |                    |          |              |              |              |          |             |          |
| Quaking Aspen   | Medium                      | Variable          | Sapling    |            |             |              |  |    |              |    |    |               |    |              |   |    |  |    |                    |         |             |   |           |                    |             |             |  |               |                    |          |              |              |              |          |             |          |
| Black Spruce  | Medium                      | Variable          | Sapling    |            |             |              |  |    |              |    |    |               |    |              |   |    |  |    |                    |         |             |   |           |                    |             |             |  |               |                    |          |              |              |              |          |             |          |
| 15  | 6220 - Alder/willow         | Nonstocked        | 75.6       |            | Unspecified | No           |  |    |              |    |    |               |    |              |   |    |  |    |                    |         |             |   |           |                    |             |             |  |               |                    |          |              |              |              |          |             |          |



| Stand   | Level 4 Cover Type                     | Size Density      | Acres      | Stand Age  | BA Range    | Managed Site | General Comments   |     |              |   |    |  |    |                    |         |             |               |            |              |          |         |  |    |                    |         |             |  |            |                    |             |             |            |            |             |          |         |
|---|--|-------------------|------------|------------|-------------|--------------|--|-----|--------------|---|----|--|----|--------------------|---------|-------------|---------------|------------|--------------|----------|---------|--|----|--------------------|---------|-------------|--|------------|--------------------|-------------|-------------|------------|------------|-------------|----------|---------|
| 16  | 429 - Mixed Upland Conifers            | Poletimber Medium | 41.0       | 42         | 51-80       | N/A          | Spruce/Fir in understory is dead from SBW. Some small pockets of highly stocked Pine throughout. Many low lying areas within stand.                            |     |              |   |    |  |    |                    |         |             |               |            |              |          |         |  |    |                    |         |             |  |            |                    |             |             |            |            |             |          |         |
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| Canopy Species  | % Cover                                | Size Class        | DBH        | Age        |             |              |  |     |              |   |    |  |    |                    |         |             |               |            |              |          |         |  |    |                    |         |             |  |            |                    |             |             |            |            |             |          |         |
| Quaking Aspen   | 31                                     | Pole/Sapling      | 7          | 42         |             |              |  |     |              |   |    |  |    |                    |         |             |               |            |              |          |         |  |    |                    |         |             |  |            |                    |             |             |            |            |             |          |         |
| Black Spruce  | 29                                     | Pole/Sapling      | 6          |            |             |              |  |     |              |   |    |  |    |                    |         |             |               |            |              |          |         |  |    |                    |         |             |  |            |                    |             |             |            |            |             |          |         |
| Red Pine  | 15                                     | XLog/Log          | 18         |            |             |              |  |     |              |   |    |  |    |                    |         |             |               |            |              |          |         |  |    |                    |         |             |  |            |                    |             |             |            |            |             |          |         |
| White Pine  | 15                                     | XLog/Log          | 18         |            |             |              |  |     |              |   |    |  |    |                    |         |             |               |            |              |          |         |  |    |                    |         |             |  |            |                    |             |             |            |            |             |          |         |
| Sub-Canopy Species  | Density                                | Avg. Height       | Size       |            |             |              |  |     |              |   |    |  |    |                    |         |             |               |            |              |          |         |  |    |                    |         |             |  |            |                    |             |             |            |            |             |          |         |
| Balsam Fir  | High                                   | Variable          | Sapling    |            |             |              |  |     |              |   |    |  |    |                    |         |             |               |            |              |          |         |  |    |                    |         |             |  |            |                    |             |             |            |            |             |          |         |
| 17  | 6122 - Black Spruce                    | Poletimber Well   | 166.8      | 76         | Unspecified | N/A          | Many non-stocked areas within stand. Trees stunted, particularly along Eastern boundary. Low site index due to wet soils. Small upland inclusion in NE corner. |     |              |   |    |  |    |                    |         |             |               |            |              |          |         |  |    |                    |         |             |  |            |                    |             |             |            |            |             |          |         |
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| Canopy Species  | % Cover                                | Size Class        | DBH        | Age        |             |              |  |     |              |   |    |  |    |                    |         |             |               |            |              |          |         |  |    |                    |         |             |  |            |                    |             |             |            |            |             |          |         |
| Black Spruce  | 55                                     | Pole/Sapling      | 6          | 76         |             |              |  |     |              |   |    |  |    |                    |         |             |               |            |              |          |         |  |    |                    |         |             |  |            |                    |             |             |            |            |             |          |         |
| Tamarack  | 30                                     | Pole/Sapling      | 7          |            |             |              |  |     |              |   |    |  |    |                    |         |             |               |            |              |          |         |  |    |                    |         |             |  |            |                    |             |             |            |            |             |          |         |
| 18  | 42390 - Mixed Non-Pine Upland Conifers | Sapling Well      | 13.1       | 27         | Immature    | N/A          | Harvested 1993.  |     |              |   |    |  |    |                    |         |             |               |            |              |          |         |  |    |                    |         |             |  |            |                    |             |             |            |            |             |          |         |
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| Canopy Species  | % Cover                                | Size Class        | DBH        | Age        |             |              |  |     |              |   |    |  |    |                    |         |             |               |            |              |          |         |  |    |                    |         |             |  |            |                    |             |             |            |            |             |          |         |
| Tamarack  | 50                                     | Sapling           | 3          | 27         |             |              |  |     |              |   |    |  |    |                    |         |             |               |            |              |          |         |  |    |                    |         |             |  |            |                    |             |             |            |            |             |          |         |
| Balsam Fir  | 40                                     | Sapling           | 3          |            |             |              |  |     |              |   |    |  |    |                    |         |             |               |            |              |          |         |  |    |                    |         |             |  |            |                    |             |             |            |            |             |          |         |
| Quaking Aspen   | 10                                     | Sapling           | 3          |            |             |              |  |     |              |   |    |  |    |                    |         |             |               |            |              |          |         |  |    |                    |         |             |  |            |                    |             |             |            |            |             |          |         |
| Sub-Canopy Species  | Density                                | Avg. Height       | Size       |            |             |              |  |     |              |   |    |  |    |                    |         |             |               |            |              |          |         |  |    |                    |         |             |  |            |                    |             |             |            |            |             |          |         |
| Tag Alder   | Medium                                 | 5 - 10 feet       | Tall Shrub |            |             |              |  |     |              |   |    |  |    |                    |         |             |               |            |              |          |         |  |    |                    |         |             |  |            |                    |             |             |            |            |             |          |         |
| Balsam Fir  | Medium                                 | 5 - 10 feet       | Sapling    |            |             |              |  |     |              |   |    |  |    |                    |         |             |               |            |              |          |         |  |    |                    |         |             |  |            |                    |             |             |            |            |             |          |         |
| 19  | 42330 - Upland Fir                     | Sapling Medium    | 13.7       | 17         | Immature    | N/A          | Harvested 2003. Many low areas.  |     |              |   |    |  |    |                    |         |             |               |            |              |          |         |  |    |                    |         |             |  |            |                    |             |             |            |            |             |          |         |
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| Canopy Species  | % Cover                                | Size Class        | DBH        | Age        |             |              |  |     |              |   |    |  |    |                    |         |             |               |            |              |          |         |  |    |                    |         |             |  |            |                    |             |             |            |            |             |          |         |
| Balsam Fir  | 60                                     | Sapling           | 3          | 17         |             |              |  |     |              |   |    |  |    |                    |         |             |               |            |              |          |         |  |    |                    |         |             |  |            |                    |             |             |            |            |             |          |         |
| Tamarack  | 20                                     | Sapling           | 3          |            |             |              |  |     |              |   |    |  |    |                    |         |             |               |            |              |          |         |  |    |                    |         |             |  |            |                    |             |             |            |            |             |          |         |
| Quaking Aspen   | 20                                     | Sapling           | 3          |            |             |              |  |     |              |   |    |  |    |                    |         |             |               |            |              |          |         |  |    |                    |         |             |  |            |                    |             |             |            |            |             |          |         |
| Sub-Canopy Species  | Density                                | Avg. Height       | Size       |            |             |              |  |     |              |   |    |  |    |                    |         |             |               |            |              |          |         |  |    |                    |         |             |  |            |                    |             |             |            |            |             |          |         |
| Balsam Fir  | Medium                                 | 5 - 10 feet       | Sapling    |            |             |              |  |     |              |   |    |  |    |                    |         |             |               |            |              |          |         |  |    |                    |         |             |  |            |                    |             |             |            |            |             |          |         |
| 20  | 4130 - Aspen                           | Sapling Well      | 35.4       | 17         | Unspecified | N/A          | Harvested 2003. Pine residuals.  |     |              |   |    |  |    |                    |         |             |               |            |              |          |         |  |    |                    |         |             |  |            |                    |             |             |            |            |             |          |         |
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| Canopy Species  | % Cover                                | Size Class        | DBH        | Age        |             |              |  |     |              |   |    |  |    |                    |         |             |               |            |              |          |         |  |    |                    |         |             |  |            |                    |             |             |            |            |             |          |         |
| Quaking Aspen   | 100                                    | Sapling           | 3          | 17         |             |              |  |     |              |   |    |  |    |                    |         |             |               |            |              |          |         |  |    |                    |         |             |  |            |                    |             |             |            |            |             |          |         |
| Sub-Canopy Species  | Density                                | Avg. Height       | Size       |            |             |              |  |     |              |   |    |  |    |                    |         |             |               |            |              |          |         |  |    |                    |         |             |  |            |                    |             |             |            |            |             |          |         |
| Balsam Fir  | Medium                                 | Variable          | Sapling    |            |             |              |  |     |              |   |    |  |    |                    |         |             |               |            |              |          |         |  |    |                    |         |             |  |            |                    |             |             |            |            |             |          |         |
| 21  | 4319 - Mixed Upland Forest             | Poletimber Medium | 20.9       | 42         | 51-80       | N/A          | Spruce/Fir in understory is dead from SBW. Scattered supercanopy Pines. More Aspen on Eastern finger.  |     |              |   |    |  |    |                    |         |             |               |            |              |          |         |  |    |                    |         |             |  |            |                    |             |             |            |            |             |          |         |
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| Canopy Species  | % Cover                                | Size Class        | DBH        | Age        |             |              |  |     |              |   |    |  |    |                    |         |             |               |            |              |          |         |  |    |                    |         |             |  |            |                    |             |             |            |            |             |          |         |
| Quaking Aspen   | 50                                     | Pole/Sapling      | 7          | 42         |             |              |  |     |              |   |    |  |    |                    |         |             |               |            |              |          |         |  |    |                    |         |             |  |            |                    |             |             |            |            |             |          |         |
| Black Spruce  | 25                                     | Pole/Sapling      | 6          |            |             |              |  |     |              |   |    |  |    |                    |         |             |               |            |              |          |         |  |    |                    |         |             |  |            |                    |             |             |            |            |             |          |         |
| Balsam Fir  | 10                                     | Pole/Sapling      | 6          |            |             |              |  |     |              |   |    |  |    |                    |         |             |               |            |              |          |         |  |    |                    |         |             |  |            |                    |             |             |            |            |             |          |         |
| White Pine  | 10                                     | XLog/Log          | 18         |            |             |              |  |     |              |   |    |  |    |                    |         |             |               |            |              |          |         |  |    |                    |         |             |  |            |                    |             |             |            |            |             |          |         |
| Sub-Canopy Species  | Density                                | Avg. Height       | Size       |            |             |              |  |     |              |   |    |  |    |                    |         |             |               |            |              |          |         |  |    |                    |         |             |  |            |                    |             |             |            |            |             |          |         |
| Balsam Fir  | High                                   | Variable          | Sapling    |            |             |              |  |     |              |   |    |  |    |                    |         |             |               |            |              |          |         |  |    |                    |         |             |  |            |                    |             |             |            |            |             |          |         |



| Stand   | Level 4 Cover Type         | Size Density     | Acres      | Stand Age  | BA Range    | Managed Site | General Comments  |     |              |    |     |  |    |                    |         |             |   |            |                    |          |             |   |               |                    |             |             |               |              |          |          |              |           |          |             |              |      |          |      |             |        |          |      |           |        |          |      |
|---|----------------------------|------------------|------------|------------|-------------|--------------|---|-----|--------------|----|-----|--|----|--------------------|---------|-------------|---|------------|--------------------|----------|-------------|---|---------------|--------------------|-------------|-------------|---------------|--------------|----------|----------|--------------|-----------|----------|-------------|--------------|------|----------|------|-------------|--------|----------|------|-----------|--------|----------|------|
| 22  | 42210 - Natural Red Pine   | Sawtimber Medium | 49.2       | 93         | 111-140     | N/A          | Large diameter Pine stand with Aspen/Maple/Spruce/Fir pole sized understory. Pine stocking levels vary greatly from 30-200+.            |     |              |    |     |  |    |                    |         |             |   |            |                    |          |             |   |               |                    |             |             |               |              |          |          |              |           |          |             |              |      |          |      |             |        |          |      |           |        |          |      |
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| Canopy Species  | % Cover                    | Size Class       | DBH        | Age        |             |              |   |     |              |    |     |  |    |                    |         |             |   |            |                    |          |             |   |               |                    |             |             |               |              |          |          |              |           |          |             |              |      |          |      |             |        |          |      |           |        |          |      |
| White Pine  | 40                         | XLog/Log         | 22         |            |             |              |   |     |              |    |     |  |    |                    |         |             |   |            |                    |          |             |   |               |                    |             |             |               |              |          |          |              |           |          |             |              |      |          |      |             |        |          |      |           |        |          |      |
| Red Pine  | 60                         | XLog/Log         | 20         | 93         |             |              |   |     |              |    |     |  |    |                    |         |             |   |            |                    |          |             |   |               |                    |             |             |               |              |          |          |              |           |          |             |              |      |          |      |             |        |          |      |           |        |          |      |
| Sub-Canopy Species  | Density                    | Avg. Height      | Size       |            |             |              |   |     |              |    |     |  |    |                    |         |             |   |            |                    |          |             |   |               |                    |             |             |               |              |          |          |              |           |          |             |              |      |          |      |             |        |          |      |           |        |          |      |
| Balsam Fir  | High                       | Variable         | Pole       |            |             |              |   |     |              |    |     |  |    |                    |         |             |   |            |                    |          |             |   |               |                    |             |             |               |              |          |          |              |           |          |             |              |      |          |      |             |        |          |      |           |        |          |      |
| Quaking Aspen   | Medium                     | Variable         | Pole       |            |             |              |   |     |              |    |     |  |    |                    |         |             |   |            |                    |          |             |   |               |                    |             |             |               |              |          |          |              |           |          |             |              |      |          |      |             |        |          |      |           |        |          |      |
| Black Spruce  | High                       | Variable         | Pole       |            |             |              |   |     |              |    |     |  |    |                    |         |             |   |            |                    |          |             |   |               |                    |             |             |               |              |          |          |              |           |          |             |              |      |          |      |             |        |          |      |           |        |          |      |
| White Spruce  | High                       | Variable         | Pole       |            |             |              |   |     |              |    |     |  |    |                    |         |             |   |            |                    |          |             |   |               |                    |             |             |               |              |          |          |              |           |          |             |              |      |          |      |             |        |          |      |           |        |          |      |
| Paper Birch   | Medium                     | Variable         | Pole       |            |             |              |   |     |              |    |     |  |    |                    |         |             |   |            |                    |          |             |   |               |                    |             |             |               |              |          |          |              |           |          |             |              |      |          |      |             |        |          |      |           |        |          |      |
| Red Maple   | Medium                     | Variable         | Pole       |            |             |              |   |     |              |    |     |  |    |                    |         |             |   |            |                    |          |             |   |               |                    |             |             |               |              |          |          |              |           |          |             |              |      |          |      |             |        |          |      |           |        |          |      |
| 23  | 6124 - Lowland Spruce-Fir  | Poletimber Well  | 130.5      | 67         | Unspecified | N/A          | Small upland inclusions within stand holding Fir and White Pine. Portions of stand harvested around 1950. Stocking levels vary greatly. |     |              |    |     |  |    |                    |         |             |   |            |                    |          |             |   |               |                    |             |             |               |              |          |          |              |           |          |             |              |      |          |      |             |        |          |      |           |        |          |      |
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| Canopy Species  | % Cover                    | Size Class       | DBH        | Age        |             |              |   |     |              |    |     |  |    |                    |         |             |   |            |                    |          |             |   |               |                    |             |             |               |              |          |          |              |           |          |             |              |      |          |      |             |        |          |      |           |        |          |      |
| Black Spruce  | 45                         | Pole/Sapling     | 6          | 67         |             |              |   |     |              |    |     |  |    |                    |         |             |   |            |                    |          |             |   |               |                    |             |             |               |              |          |          |              |           |          |             |              |      |          |      |             |        |          |      |           |        |          |      |
| Balsam Fir  | 10                         | Pole/Sapling     | 6          |            |             |              |   |     |              |    |     |  |    |                    |         |             |   |            |                    |          |             |   |               |                    |             |             |               |              |          |          |              |           |          |             |              |      |          |      |             |        |          |      |           |        |          |      |
| Tamarack  | 30                         | Pole             | 8          |            |             |              |   |     |              |    |     |  |    |                    |         |             |   |            |                    |          |             |   |               |                    |             |             |               |              |          |          |              |           |          |             |              |      |          |      |             |        |          |      |           |        |          |      |
| Sub-Canopy Species  | Density                    | Avg. Height      | Size       |            |             |              |   |     |              |    |     |  |    |                    |         |             |   |            |                    |          |             |   |               |                    |             |             |               |              |          |          |              |           |          |             |              |      |          |      |             |        |          |      |           |        |          |      |
| Black Spruce  | Medium                     | Variable         | Sapling    |            |             |              |   |     |              |    |     |  |    |                    |         |             |   |            |                    |          |             |   |               |                    |             |             |               |              |          |          |              |           |          |             |              |      |          |      |             |        |          |      |           |        |          |      |
| Tag Alder   | Medium                     | 5 - 10 feet      | Tall Shrub |            |             |              |   |     |              |    |     |  |    |                    |         |             |   |            |                    |          |             |   |               |                    |             |             |               |              |          |          |              |           |          |             |              |      |          |      |             |        |          |      |           |        |          |      |
| 24  | 4130 - Aspen               | Sapling Well     | 41.0       | 17         | Immature    | N/A          | Harvested 2003. Pine and lowland inclusions.  |     |              |    |     |  |    |                    |         |             |   |            |                    |          |             |   |               |                    |             |             |               |              |          |          |              |           |          |             |              |      |          |      |             |        |          |      |           |        |          |      |
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| Canopy Species  | % Cover                    | Size Class       | DBH        | Age        |             |              |   |     |              |    |     |  |    |                    |         |             |   |            |                    |          |             |   |               |                    |             |             |               |              |          |          |              |           |          |             |              |      |          |      |             |        |          |      |           |        |          |      |
| Quaking Aspen   | 100                        | Sapling          | 3          | 17         |             |              |   |     |              |    |     |  |    |                    |         |             |   |            |                    |          |             |   |               |                    |             |             |               |              |          |          |              |           |          |             |              |      |          |      |             |        |          |      |           |        |          |      |
| Sub-Canopy Species  | Density                    | Avg. Height      | Size       |            |             |              |   |     |              |    |     |  |    |                    |         |             |   |            |                    |          |             |   |               |                    |             |             |               |              |          |          |              |           |          |             |              |      |          |      |             |        |          |      |           |        |          |      |
| Balsam Fir  | Medium                     | Variable         | Sapling    |            |             |              |   |     |              |    |     |  |    |                    |         |             |   |            |                    |          |             |   |               |                    |             |             |               |              |          |          |              |           |          |             |              |      |          |      |             |        |          |      |           |        |          |      |
| 25  | 6220 - Alder/willow        | Nonstocked       | 8.3        | 0          | Unspecified | No           |   |     |              |    |     |  |    |                    |         |             |   |            |                    |          |             |   |               |                    |             |             |               |              |          |          |              |           |          |             |              |      |          |      |             |        |          |      |           |        |          |      |
| 26  | 4130 - Aspen               | Sapling Well     | 131.9      | 5          | Immature    | N/A          | Harvested 2015.   |     |              |    |     |  |    |                    |         |             |   |            |                    |          |             |   |               |                    |             |             |               |              |          |          |              |           |          |             |              |      |          |      |             |        |          |      |           |        |          |      |
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| Canopy Species  | % Cover                    | Size Class       | DBH        | Age        |             |              |   |     |              |    |     |  |    |                    |         |             |   |            |                    |          |             |   |               |                    |             |             |               |              |          |          |              |           |          |             |              |      |          |      |             |        |          |      |           |        |          |      |
| Quaking Aspen   | 99                         | Sapling          | 1          | 5          |             |              |   |     |              |    |     |  |    |                    |         |             |   |            |                    |          |             |   |               |                    |             |             |               |              |          |          |              |           |          |             |              |      |          |      |             |        |          |      |           |        |          |      |
| Sub-Canopy Species  | Density                    | Avg. Height      | Size       |            |             |              |   |     |              |    |     |  |    |                    |         |             |   |            |                    |          |             |   |               |                    |             |             |               |              |          |          |              |           |          |             |              |      |          |      |             |        |          |      |           |        |          |      |
| Balsam Fir  | Low                        | Variable         | Sapling    |            |             |              |   |     |              |    |     |  |    |                    |         |             |   |            |                    |          |             |   |               |                    |             |             |               |              |          |          |              |           |          |             |              |      |          |      |             |        |          |      |           |        |          |      |
| 27  | 6220 - Alder/willow        | Nonstocked       | 20.4       |            | Unspecified | No           |   |     |              |    |     |  |    |                    |         |             |   |            |                    |          |             |   |               |                    |             |             |               |              |          |          |              |           |          |             |              |      |          |      |             |        |          |      |           |        |          |      |
| 28  | 42210 - Natural Red Pine   | Sawtimber Well   | 39.0       | 129        | 111-140     | N/A          | Last Hurrah TS thinned 2015.  |     |              |    |     |  |    |                    |         |             |   |            |                    |          |             |   |               |                    |             |             |               |              |          |          |              |           |          |             |              |      |          |      |             |        |          |      |           |        |          |      |
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| Canopy Species  | % Cover                    | Size Class       | DBH        | Age        |             |              |   |     |              |    |     |  |    |                    |         |             |   |            |                    |          |             |   |               |                    |             |             |               |              |          |          |              |           |          |             |              |      |          |      |             |        |          |      |           |        |          |      |
| Red Pine  | 80                         | XLog/Log         | 18         | 129        |             |              |   |     |              |    |     |  |    |                    |         |             |   |            |                    |          |             |   |               |                    |             |             |               |              |          |          |              |           |          |             |              |      |          |      |             |        |          |      |           |        |          |      |
| White Pine  | 20                         | Log              | 16         |            |             |              |   |     |              |    |     |  |    |                    |         |             |   |            |                    |          |             |   |               |                    |             |             |               |              |          |          |              |           |          |             |              |      |          |      |             |        |          |      |           |        |          |      |
| Sub-Canopy Species  | Density                    | Avg. Height      | Size       |            |             |              |   |     |              |    |     |  |    |                    |         |             |   |            |                    |          |             |   |               |                    |             |             |               |              |          |          |              |           |          |             |              |      |          |      |             |        |          |      |           |        |          |      |
| Bracken Fern  | Medium                     | Unspecified      | Non-Wood   |            |             |              |   |     |              |    |     |  |    |                    |         |             |   |            |                    |          |             |   |               |                    |             |             |               |              |          |          |              |           |          |             |              |      |          |      |             |        |          |      |           |        |          |      |
| 29  | 42290 - Natural Mixed Pine | Sawtimber Well   | 45.7       | 129        | 81-110      | N/A          | Thinned 2015. Aspen sapling understory. Stocking levels vary within stand.  |     |              |    |     |  |    |                    |         |             |   |            |                    |          |             |   |               |                    |             |             |               |              |          |          |              |           |          |             |              |      |          |      |             |        |          |      |           |        |          |      |
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| Canopy Species  | % Cover                    | Size Class       | DBH        | Age        |             |              |   |     |              |    |     |  |    |                    |         |             |   |            |                    |          |             |   |               |                    |             |             |               |              |          |          |              |           |          |             |              |      |          |      |             |        |          |      |           |        |          |      |
| White Pine  | 50                         | XLog/Log         | 18         |            |             |              |   |     |              |    |     |  |    |                    |         |             |   |            |                    |          |             |   |               |                    |             |             |               |              |          |          |              |           |          |             |              |      |          |      |             |        |          |      |           |        |          |      |
| Red Pine  | 50                         | Log              | 16         | 129        |             |              |   |     |              |    |     |  |    |                    |         |             |   |            |                    |          |             |   |               |                    |             |             |               |              |          |          |              |           |          |             |              |      |          |      |             |        |          |      |           |        |          |      |
| Sub-Canopy Species  | Density                    | Avg. Height      | Size       |            |             |              |   |     |              |    |     |  |    |                    |         |             |   |            |                    |          |             |   |               |                    |             |             |               |              |          |          |              |           |          |             |              |      |          |      |             |        |          |      |           |        |          |      |
| Quaking Aspen   | High                       | Variable         | Sapling    |            |             |              |   |     |              |    |     |  |    |                    |         |             |   |            |                    |          |             |   |               |                    |             |             |               |              |          |          |              |           |          |             |              |      |          |      |             |        |          |      |           |        |          |      |
| 30  | 4130 - Aspen               | Sawtimber Well   | 34.6       | 69         | Unspecified | N/A          |   |     |              |    |     |  |    |                    |         |             |   |            |                    |          |             |   |               |                    |             |             |               |              |          |          |              |           |          |             |              |      |          |      |             |        |          |      |           |        |          |      |
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| Canopy Species  | % Cover                    | Size Class       | DBH        | Age        |             |              |   |     |              |    |     |  |    |                    |         |             |   |            |                    |          |             |   |               |                    |             |             |               |              |          |          |              |           |          |             |              |      |          |      |             |        |          |      |           |        |          |      |
| Quaking Aspen   | 100                        | Log              | 14         | 69         |             |              |   |     |              |    |     |  |    |                    |         |             |   |            |                    |          |             |   |               |                    |             |             |               |              |          |          |              |           |          |             |              |      |          |      |             |        |          |      |           |        |          |      |
| Sub-Canopy Species  | Density                    | Avg. Height      | Size       |            |             |              |   |     |              |    |     |  |    |                    |         |             |   |            |                    |          |             |   |               |                    |             |             |               |              |          |          |              |           |          |             |              |      |          |      |             |        |          |      |           |        |          |      |
| Balsam Fir  | High                       | Variable         | Pole       |            |             |              |   |     |              |    |     |  |    |                    |         |             |   |            |                    |          |             |   |               |                    |             |             |               |              |          |          |              |           |          |             |              |      |          |      |             |        |          |      |           |        |          |      |



| Stand                 | Level 4 Cover Type             | Size Density    | Acres             | Stand Age  | BA Range    | Managed Site              | General Comments  |                    |             |
|-----------------------|--------------------------------|-----------------|-------------------|------------|-------------|---------------------------|---|--------------------|-------------|
| <b>31</b>             | 4130 - Aspen                   | Sapling Well    | 40.9              | 18         | Immature    | N/A                       | Original stand of trees blown down by tornado 2000 then salvaged in 2002.                         |                    |             |
| <b>Canopy Species</b> |                                | <b>% Cover</b>  | <b>Size Class</b> | <b>DBH</b> | <b>Age</b>  | <b>Sub-Canopy Species</b> | <b>Density</b>  | <b>Avg. Height</b> | <b>Size</b> |
| Bigtooth Aspen        |                                | 100             | Sapling           | 3          | 18          | Hazelnut (Beaked)         | High  | 5 - 10 feet        | Tall Shrub  |
| <b>32</b>             | 4130 - Aspen                   | Sapling Well    | 67.0              | 6          | Unspecified | N/A                       | Harvested 2014  |                    |             |
| <b>Canopy Species</b> |                                | <b>% Cover</b>  | <b>Size Class</b> | <b>DBH</b> | <b>Age</b>  | <b>Sub-Canopy Species</b> | <b>Density</b>  | <b>Avg. Height</b> | <b>Size</b> |
| Quaking Aspen         |                                | 85              | Sapling           | 1          | 6           | Bracken Fern              | High  | Unspecified        | Non-Wood    |
| White Pine            |                                | 10              | XLog/Log          | 18         | 106         |                           |   |                    |             |
| <b>33</b>             | 6122 - Black Spruce            | Poletimber Well | 28.2              | 75         | Unspecified | N/A                       |   |                    |             |
| <b>Canopy Species</b> |                                | <b>% Cover</b>  | <b>Size Class</b> | <b>DBH</b> | <b>Age</b>  | <b>Sub-Canopy Species</b> | <b>Density</b>  | <b>Avg. Height</b> | <b>Size</b> |
| Black Spruce          |                                | 80              | Pole/Sapling      | 6          | 75          | Black Spruce              | Medium  | Variable           | Sapling     |
| Tamarack              |                                | 10              | Pole              | 7          |             |                           |   |                    |             |
| <b>34</b>             | 6121 - Tamarack                | Sapling Medium  | 22.8              | 6          | Unspecified | N/A                       | Harvested 2014  |                    |             |
| <b>Canopy Species</b> |                                | <b>% Cover</b>  | <b>Size Class</b> | <b>DBH</b> | <b>Age</b>  | <b>Sub-Canopy Species</b> | <b>Density</b>  | <b>Avg. Height</b> | <b>Size</b> |
| Tamarack              |                                | 100             | Sapling           | 1          | 6           | Tag Alder                 | Medium  | 5 - 10 feet        | Tall Shrub  |
| <b>35</b>             | 6120 - Lowland Cedar           | Poletimber Well | 50.9              | 111        | Unspecified | N/A                       | Stand is less stocked closer to Big Brook Creek. Majority of Cedar is in Northern region.         |                    |             |
| <b>Canopy Species</b> |                                | <b>% Cover</b>  | <b>Size Class</b> | <b>DBH</b> | <b>Age</b>  | <b>Sub-Canopy Species</b> | <b>Density</b>  | <b>Avg. Height</b> | <b>Size</b> |
| Northern White Cedar  |                                | 50              | Pole/Log          | 9          | 111         | Tag Alder                 | Medium  | 5 - 10 feet        | Tall Shrub  |
| Black Spruce          |                                | 15              | Pole/Sapling      | 6          |             |                           |   |                    |             |
| Balsam Fir            |                                | 15              | Pole/Sapling      | 6          |             |                           |   |                    |             |
| Tamarack              |                                | 10              | Pole/Sapling      | 7          |             |                           |   |                    |             |
| Balsam Poplar         |                                | 10              | Pole/Log          | 9          |             |                           |   |                    |             |
| <b>36</b>             | 4130 - Aspen                   | Sapling Well    | 78.4              | 25         | Unspecified | N/A                       | Harvested 1995. Small low lying areas found within stand. Pine regen along skid trails and roads. |                    |             |
| <b>Canopy Species</b> |                                | <b>% Cover</b>  | <b>Size Class</b> | <b>DBH</b> | <b>Age</b>  | <b>Sub-Canopy Species</b> | <b>Density</b>  | <b>Avg. Height</b> | <b>Size</b> |
| Quaking Aspen         |                                | 100             | Sapling           | 3          | 25          | Balsam Fir                | Medium  | Variable           | Sapling     |
| <b>37</b>             | 6220 - Alder/willow            | Nonstocked      | 9.7               | 0          | Unspecified | No                        |   |                    |             |
| <b>38</b>             | 4110 - Sugar Maple Association | Sawtimber Well  | 8.1               | 97         | 111-140     | N/A                       |   |                    |             |
| <b>Canopy Species</b> |                                | <b>% Cover</b>  | <b>Size Class</b> | <b>DBH</b> | <b>Age</b>  | <b>Sub-Canopy Species</b> | <b>Density</b>  | <b>Avg. Height</b> | <b>Size</b> |
| Basswood              |                                | 50              | Log               | 14         | 97          | Ironwood                  | Medium  | Variable           | Sapling     |
| Sugar Maple           |                                | 45              | Log/Pole          | 14         |             |                           |   |                    |             |





| Stand                 | Level 4 Cover Type                     | Size Density     | Acres             | Stand Age  | BA Range    | Managed Site              | General Comments   |                |                    |             |
|-----------------------|--|------------------|-------------------|------------|-------------|---------------------------|--|----------------|--------------------|-------------|
| 39                    | 6129 - Mixed Coniferous Lowland Forest | Sapling Medium   | 27.8              | 62         | Unspecified | N/A                       | Not a fully stocked stand. Many areas pure Tag Alder.                |                |                    |             |
| <b>Canopy Species</b> |  | <b>% Cover</b>   | <b>Size Class</b> | <b>DBH</b> | <b>Age</b>  | <b>Sub-Canopy Species</b> |  | <b>Density</b> | <b>Avg. Height</b> | <b>Size</b> |
| Black Spruce          |  | 49               | Sapling/Pole      | 3          | 62          | Tag Alder                 |  | High           | 5 - 10 feet        | Tall Shrub  |
| Tamarack              |  | 46               | Pole/Sapling      | 6          |             | Tamarack                  |  | High           | Variable           | Sapling     |
| 40                    | 42320 - Upland Spruce                  | Poletimber Well  | 13.4              | 66         | 111-140     | N/A                       |  |                |                    |             |
| <b>Canopy Species</b> |  | <b>% Cover</b>   | <b>Size Class</b> | <b>DBH</b> | <b>Age</b>  | <b>Sub-Canopy Species</b> |  | <b>Density</b> | <b>Avg. Height</b> | <b>Size</b> |
| White Spruce          |  | 100              | Log/Pole/Sap      | 10         | 66          | Balsam Fir                |  | High           | Variable           | Pole        |
| 41                    | 6122 - Black Spruce                    | Poletimber Well  | 35.5              | 75         | Unspecified | N/A                       |  |                |                    |             |
| <b>Canopy Species</b> |  | <b>% Cover</b>   | <b>Size Class</b> | <b>DBH</b> | <b>Age</b>  | <b>Sub-Canopy Species</b> |  | <b>Density</b> | <b>Avg. Height</b> | <b>Size</b> |
| Black Spruce          |  | 80               | Pole/Sapling      | 6          | 75          | Black Spruce              |  | Medium         | Variable           | Sapling     |
| Tamarack              |  | 10               | Pole              | 7          |             |                           |  |                |                    |             |
| 42                    | 42320 - Upland Spruce                  | Poletimber Well  | 49.5              | 66         | Unspecified | N/A                       |  |                |                    |             |
| <b>Canopy Species</b> |  | <b>% Cover</b>   | <b>Size Class</b> | <b>DBH</b> | <b>Age</b>  | <b>Sub-Canopy Species</b> |  | <b>Density</b> | <b>Avg. Height</b> | <b>Size</b> |
| White Spruce          |  | 100              | Log/Pole/Sap      | 14         | 66          | Balsam Fir                |  | High           | Variable           | Sapling     |
| 43                    | 429 - Mixed Upland Conifers            | Sawtimber Medium | 10.1              | 109        | 51-80       | N/A                       | Spruce/Fir in understory is dead from SBW. Log sized Pine overstory. |                |                    |             |
| <b>Canopy Species</b> |  | <b>% Cover</b>   | <b>Size Class</b> | <b>DBH</b> | <b>Age</b>  | <b>Sub-Canopy Species</b> |  | <b>Density</b> | <b>Avg. Height</b> | <b>Size</b> |
| Quaking Aspen         |  | 15               | Pole/Sapling      | 7          | 42          | Balsam Fir                |  | High           | Variable           | Sapling     |
| Black Spruce          |  | 20               | Pole/Sapling      | 6          |             |                           |  |                |                    |             |
| Red Pine              |  | 35               | XLog/Log          | 18         | 109         |                           |  |                |                    |             |
| White Pine            |  | 20               | XLog/Log          | 18         |             |                           |  |                |                    |             |
| 44                    | 6224 - Treed Bog                       | Nonstocked       | 5.9               | 0          | Unspecified | No                        | Pond within stand  |                |                    |             |
| 45                    | 6121 - Tamarack                        | Poletimber Well  | 32.4              | 72         | Unspecified | N/A                       |  |                |                    |             |
| <b>Canopy Species</b> |  | <b>% Cover</b>   | <b>Size Class</b> | <b>DBH</b> | <b>Age</b>  | <b>Sub-Canopy Species</b> |  | <b>Density</b> | <b>Avg. Height</b> | <b>Size</b> |
| Tamarack              |  | 50               | Pole/Log          | 9          | 72          | Balsam Fir                |  | Low            | Variable           | Sapling     |
| Black Spruce          |  | 30               | Pole/Sapling      | 7          |             | Black Spruce              |  | Low            | Variable           | Sapling     |
| Jack Pine             |  | 20               | Pole/Log          | 9          |             | Tag Alder                 |  | Low            | 5 - 10 feet        | Tall Shrub  |



| Stand   | Level 4 Cover Type                         | Size Density     | Acres      | Stand Age  | BA Range    | Managed Site | General Comments  |     |              |    |     |  |    |                    |         |             |   |              |                    |             |             |      |                   |        |             |            |               |        |          |         |              |        |          |         |             |        |          |      |           |     |          |      |              |     |          |         |
|---|--|------------------|------------|------------|-------------|--------------|---|-----|--------------|----|-----|--|----|--------------------|---------|-------------|---|--------------|--------------------|-------------|-------------|------|-------------------|--------|-------------|------------|---------------|--------|----------|---------|--------------|--------|----------|---------|-------------|--------|----------|------|-----------|-----|----------|------|--------------|-----|----------|---------|
| <b>46</b>   | 42200 - Natural White Pine                 | Sawtimber Well   | 80.0       | 116        | 141-170     | N/A          | Most of Spruce/Fir dead from budworm outbreak. Large diameter Pine stand. Black Spruce/Maple/Jack Pine pockets along Southern border.   |     |              |    |     |  |    |                    |         |             |   |              |                    |             |             |      |                   |        |             |            |               |        |          |         |              |        |          |         |             |        |          |      |           |     |          |      |              |     |          |         |
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| Canopy Species  | % Cover                                    | Size Class       | DBH        | Age        |             |              |   |     |              |    |     |  |    |                    |         |             |   |              |                    |             |             |      |                   |        |             |            |               |        |          |         |              |        |          |         |             |        |          |      |           |     |          |      |              |     |          |         |
| White Pine  | 65   | XLog             | 20         | 116        |             |              |   |     |              |    |     |  |    |                    |         |             |   |              |                    |             |             |      |                   |        |             |            |               |        |          |         |              |        |          |         |             |        |          |      |           |     |          |      |              |     |          |         |
| Red Pine  | 30   | XLog             | 18         |            |             |              |   |     |              |    |     |  |    |                    |         |             |   |              |                    |             |             |      |                   |        |             |            |               |        |          |         |              |        |          |         |             |        |          |      |           |     |          |      |              |     |          |         |
| Sub-Canopy Species  | Density                                    | Avg. Height      | Size       |            |             |              |   |     |              |    |     |  |    |                    |         |             |   |              |                    |             |             |      |                   |        |             |            |               |        |          |         |              |        |          |         |             |        |          |      |           |     |          |      |              |     |          |         |
| Hazelnut (Beaked)   | Medium                                     | 5 - 10 feet      | Tall Shrub |            |             |              |   |     |              |    |     |  |    |                    |         |             |   |              |                    |             |             |      |                   |        |             |            |               |        |          |         |              |        |          |         |             |        |          |      |           |     |          |      |              |     |          |         |
| White Spruce  | High                                       | Variable         | Sapling    |            |             |              |   |     |              |    |     |  |    |                    |         |             |   |              |                    |             |             |      |                   |        |             |            |               |        |          |         |              |        |          |         |             |        |          |      |           |     |          |      |              |     |          |         |
| Balsam Fir  | High                                       | Variable         | Sapling    |            |             |              |   |     |              |    |     |  |    |                    |         |             |   |              |                    |             |             |      |                   |        |             |            |               |        |          |         |              |        |          |         |             |        |          |      |           |     |          |      |              |     |          |         |
| Paper Birch   | Low  | Variable         | Pole       |            |             |              |   |     |              |    |     |  |    |                    |         |             |   |              |                    |             |             |      |                   |        |             |            |               |        |          |         |              |        |          |         |             |        |          |      |           |     |          |      |              |     |          |         |
| Red Maple   | Low  | Variable         | Pole       |            |             |              |   |     |              |    |     |  |    |                    |         |             |   |              |                    |             |             |      |                   |        |             |            |               |        |          |         |              |        |          |         |             |        |          |      |           |     |          |      |              |     |          |         |
| Black Spruce  | Low  | Variable         | Pole       |            |             |              |   |     |              |    |     |  |    |                    |         |             |   |              |                    |             |             |      |                   |        |             |            |               |        |          |         |              |        |          |         |             |        |          |      |           |     |          |      |              |     |          |         |
| <b>47</b>   | 42200 - Natural White Pine                 | Sawtimber Medium | 42.0       | 116        | 51-80       | N/A          | Majority of Spruce/Fir in understory is dead from budworm outbreak. Lowland in SW and SE corners of stand holding Black Spruce. Stocking levels vary from 30-200 BA. Western finger is high BA. |     |              |    |     |  |    |                    |         |             |   |              |                    |             |             |      |                   |        |             |            |               |        |          |         |              |        |          |         |             |        |          |      |           |     |          |      |              |     |          |         |
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| Canopy Species  | % Cover                                    | Size Class       | DBH        | Age        |             |              |   |     |              |    |     |  |    |                    |         |             |   |              |                    |             |             |      |                   |        |             |            |               |        |          |         |              |        |          |         |             |        |          |      |           |     |          |      |              |     |          |         |
| White Pine  | 60   | XLog             | 24         | 116        |             |              |   |     |              |    |     |  |    |                    |         |             |   |              |                    |             |             |      |                   |        |             |            |               |        |          |         |              |        |          |         |             |        |          |      |           |     |          |      |              |     |          |         |
| Red Pine  | 40   | XLog             | 20         |            |             |              |   |     |              |    |     |  |    |                    |         |             |   |              |                    |             |             |      |                   |        |             |            |               |        |          |         |              |        |          |         |             |        |          |      |           |     |          |      |              |     |          |         |
| Sub-Canopy Species  | Density                                    | Avg. Height      | Size       |            |             |              |   |     |              |    |     |  |    |                    |         |             |   |              |                    |             |             |      |                   |        |             |            |               |        |          |         |              |        |          |         |             |        |          |      |           |     |          |      |              |     |          |         |
| Balsam Fir  | High                                       | Variable         | Sapling    |            |             |              |   |     |              |    |     |  |    |                    |         |             |   |              |                    |             |             |      |                   |        |             |            |               |        |          |         |              |        |          |         |             |        |          |      |           |     |          |      |              |     |          |         |
| Quaking Aspen   | Medium                                     | Variable         | Sapling    |            |             |              |   |     |              |    |     |  |    |                    |         |             |   |              |                    |             |             |      |                   |        |             |            |               |        |          |         |              |        |          |         |             |        |          |      |           |     |          |      |              |     |          |         |
| White Spruce  | High                                       | Variable         | Sapling    |            |             |              |   |     |              |    |     |  |    |                    |         |             |   |              |                    |             |             |      |                   |        |             |            |               |        |          |         |              |        |          |         |             |        |          |      |           |     |          |      |              |     |          |         |
| Paper Birch   | Medium                                     | Variable         | Pole       |            |             |              |   |     |              |    |     |  |    |                    |         |             |   |              |                    |             |             |      |                   |        |             |            |               |        |          |         |              |        |          |         |             |        |          |      |           |     |          |      |              |     |          |         |
| Red Maple   | Low  | Variable         | Pole       |            |             |              |   |     |              |    |     |  |    |                    |         |             |   |              |                    |             |             |      |                   |        |             |            |               |        |          |         |              |        |          |         |             |        |          |      |           |     |          |      |              |     |          |         |
| White Pine  | Low  | Variable         | Sapling    |            |             |              |   |     |              |    |     |  |    |                    |         |             |   |              |                    |             |             |      |                   |        |             |            |               |        |          |         |              |        |          |         |             |        |          |      |           |     |          |      |              |     |          |         |
| <b>48</b>   | 4130 - Aspen                               | Sapling Well     | 37.6       | 15         | Unspecified | N/A          | Harvested 2005. Pine supercanopy  |     |              |    |     |  |    |                    |         |             |   |              |                    |             |             |      |                   |        |             |            |               |        |          |         |              |        |          |         |             |        |          |      |           |     |          |      |              |     |          |         |
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| Canopy Species  | % Cover                                    | Size Class       | DBH        | Age        |             |              |   |     |              |    |     |  |    |                    |         |             |   |              |                    |             |             |      |                   |        |             |            |               |        |          |         |              |        |          |         |             |        |          |      |           |     |          |      |              |     |          |         |
| Quaking Aspen   | 100  | Sapling          | 3          | 15         |             |              |   |     |              |    |     |  |    |                    |         |             |   |              |                    |             |             |      |                   |        |             |            |               |        |          |         |              |        |          |         |             |        |          |      |           |     |          |      |              |     |          |         |
| Sub-Canopy Species  | Density                                    | Avg. Height      | Size       |            |             |              |   |     |              |    |     |  |    |                    |         |             |   |              |                    |             |             |      |                   |        |             |            |               |        |          |         |              |        |          |         |             |        |          |      |           |     |          |      |              |     |          |         |
| Bracken Fern  | High                                       | Unspecified      | Non-Wood   |            |             |              |   |     |              |    |     |  |    |                    |         |             |   |              |                    |             |             |      |                   |        |             |            |               |        |          |         |              |        |          |         |             |        |          |      |           |     |          |      |              |     |          |         |
| <b>49</b>   | 6220 - Alder/willow                        | Nonstocked       | 21.3       |            | Unspecified | No           |   |     |              |    |     |  |    |                    |         |             |   |              |                    |             |             |      |                   |        |             |            |               |        |          |         |              |        |          |         |             |        |          |      |           |     |          |      |              |     |          |         |
| <b>50</b>   | 6122 - Black Spruce                        | Poletimber Well  | 11.1       | 70         | Unspecified | N/A          | Some supercanopy Pines present.   |     |              |    |     |  |    |                    |         |             |   |              |                    |             |             |      |                   |        |             |            |               |        |          |         |              |        |          |         |             |        |          |      |           |     |          |      |              |     |          |         |
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| Canopy Species  | % Cover                                    | Size Class       | DBH        | Age        |             |              |   |     |              |    |     |  |    |                    |         |             |   |              |                    |             |             |      |                   |        |             |            |               |        |          |         |              |        |          |         |             |        |          |      |           |     |          |      |              |     |          |         |
| Black Spruce  | 70   | Pole/Sapling     | 6          | 70         |             |              |   |     |              |    |     |  |    |                    |         |             |   |              |                    |             |             |      |                   |        |             |            |               |        |          |         |              |        |          |         |             |        |          |      |           |     |          |      |              |     |          |         |
| Tamarack  | 30   | Pole             | 6          |            |             |              |   |     |              |    |     |  |    |                    |         |             |   |              |                    |             |             |      |                   |        |             |            |               |        |          |         |              |        |          |         |             |        |          |      |           |     |          |      |              |     |          |         |
| Sub-Canopy Species  | Density                                    | Avg. Height      | Size       |            |             |              |   |     |              |    |     |  |    |                    |         |             |   |              |                    |             |             |      |                   |        |             |            |               |        |          |         |              |        |          |         |             |        |          |      |           |     |          |      |              |     |          |         |
| Tag Alder   | Medium                                     | 5 - 10 feet      | Tall Shrub |            |             |              |   |     |              |    |     |  |    |                    |         |             |   |              |                    |             |             |      |                   |        |             |            |               |        |          |         |              |        |          |         |             |        |          |      |           |     |          |      |              |     |          |         |
| <b>51</b>   | 42221 - Natural Jack Pine, Mixed Deciduous | Poletimber Well  | 56.8       | 68         | Unspecified | N/A          | Jack Pine mixed with Aspen. A couple low lying areas present. Much of Spruce/Fir understory dead from budworm outbreak. Aspen in decline.   |     |              |    |     |  |    |                    |         |             |   |              |                    |             |             |      |                   |        |             |            |               |        |          |         |              |        |          |         |             |        |          |      |           |     |          |      |              |     |          |         |
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| Canopy Species  | % Cover                                    | Size Class       | DBH        | Age        |             |              |   |     |              |    |     |  |    |                    |         |             |   |              |                    |             |             |      |                   |        |             |            |               |        |          |         |              |        |          |         |             |        |          |      |           |     |          |      |              |     |          |         |
| Jack Pine   | 60   | Pole/Log         | 9          | 68         |             |              |   |     |              |    |     |  |    |                    |         |             |   |              |                    |             |             |      |                   |        |             |            |               |        |          |         |              |        |          |         |             |        |          |      |           |     |          |      |              |     |          |         |
| Quaking Aspen   | 30   | Pole/Log         | 9          |            |             |              |   |     |              |    |     |  |    |                    |         |             |   |              |                    |             |             |      |                   |        |             |            |               |        |          |         |              |        |          |         |             |        |          |      |           |     |          |      |              |     |          |         |
| Sub-Canopy Species  | Density                                    | Avg. Height      | Size       |            |             |              |   |     |              |    |     |  |    |                    |         |             |   |              |                    |             |             |      |                   |        |             |            |               |        |          |         |              |        |          |         |             |        |          |      |           |     |          |      |              |     |          |         |
| Balsam Fir  | High                                       | Variable         | Sapling    |            |             |              |   |     |              |    |     |  |    |                    |         |             |   |              |                    |             |             |      |                   |        |             |            |               |        |          |         |              |        |          |         |             |        |          |      |           |     |          |      |              |     |          |         |
| White Spruce  | High                                       | Variable         | Sapling    |            |             |              |   |     |              |    |     |  |    |                    |         |             |   |              |                    |             |             |      |                   |        |             |            |               |        |          |         |              |        |          |         |             |        |          |      |           |     |          |      |              |     |          |         |
| Black Spruce  | Medium                                     | Variable         | Sapling    |            |             |              |   |     |              |    |     |  |    |                    |         |             |   |              |                    |             |             |      |                   |        |             |            |               |        |          |         |              |        |          |         |             |        |          |      |           |     |          |      |              |     |          |         |
| <b>52</b>   | 4132 - Aspen, Jack Pine                    | Poletimber Well  | 102.3      | 68         | Unspecified | N/A          | Much of Spruce/Fir understory dead from budworm outbreak. Aspen in decline.   |     |              |    |     |  |    |                    |         |             |   |              |                    |             |             |      |                   |        |             |            |               |        |          |         |              |        |          |         |             |        |          |      |           |     |          |      |              |     |          |         |
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| Canopy Species  | % Cover                                    | Size Class       | DBH        | Age        |             |              |   |     |              |    |     |  |    |                    |         |             |   |              |                    |             |             |      |                   |        |             |            |               |        |          |         |              |        |          |         |             |        |          |      |           |     |          |      |              |     |          |         |
| Quaking Aspen   | 60   | Pole/Log         | 9          | 68         |             |              |   |     |              |    |     |  |    |                    |         |             |   |              |                    |             |             |      |                   |        |             |            |               |        |          |         |              |        |          |         |             |        |          |      |           |     |          |      |              |     |          |         |
| Jack Pine   | 30   | Pole/Log         | 9          |            |             |              |   |     |              |    |     |  |    |                    |         |             |   |              |                    |             |             |      |                   |        |             |            |               |        |          |         |              |        |          |         |             |        |          |      |           |     |          |      |              |     |          |         |
| Sub-Canopy Species  | Density                                    | Avg. Height      | Size       |            |             |              |   |     |              |    |     |  |    |                    |         |             |   |              |                    |             |             |      |                   |        |             |            |               |        |          |         |              |        |          |         |             |        |          |      |           |     |          |      |              |     |          |         |
| Balsam Fir  | High                                       | Variable         | Sapling    |            |             |              |   |     |              |    |     |  |    |                    |         |             |   |              |                    |             |             |      |                   |        |             |            |               |        |          |         |              |        |          |         |             |        |          |      |           |     |          |      |              |     |          |         |
| White Spruce  | High                                       | Variable         | Sapling    |            |             |              |   |     |              |    |     |  |    |                    |         |             |   |              |                    |             |             |      |                   |        |             |            |               |        |          |         |              |        |          |         |             |        |          |      |           |     |          |      |              |     |          |         |



| Stand   | Level 4 Cover Type                         | Size Density    | Acres      | Stand Age  | BA Range    | Managed Site | General Comments  |     |              |    |     |  |    |                    |         |             |  |              |                    |             |             |              |              |         |             |          |  |  |                    |         |             |      |              |        |             |          |
|---|--|-----------------|------------|------------|-------------|--------------|---|-----|--------------|----|-----|--|----|--------------------|---------|-------------|--|--------------|--------------------|-------------|-------------|--------------|--------------|---------|-------------|----------|--|--|--------------------|---------|-------------|------|--------------|--------|-------------|----------|
| 53  | 6220 - Alder/willow                        | Nonstocked      | 37.0       | 0          | Unspecified | No           | Poplar Creek  |     |              |    |     |  |    |                    |         |             |  |              |                    |             |             |              |              |         |             |          |  |  |                    |         |             |      |              |        |             |          |
| 54  | 4134 - Aspen, Spruce/Fir                   | Sapling Well    | 28.6       | 16         | Immature    | N/A          | Many supercanopy large diameter Pines. Harvested 2014.        |     |              |    |     |  |    |                    |         |             |  |              |                    |             |             |              |              |         |             |          |  |  |                    |         |             |      |              |        |             |          |
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| Quaking Aspen   | 60   | Sapling         | 2          | 16         |             |              |   |     |              |    |     |  |    |                    |         |             |  |              |                    |             |             |              |              |         |             |          |  |  |                    |         |             |      |              |        |             |          |
| Red Maple   | 15   | Sapling         | 2          |            |             |              |   |     |              |    |     |  |    |                    |         |             |  |              |                    |             |             |              |              |         |             |          |  |  |                    |         |             |      |              |        |             |          |
| Balsam Fir  | 10   | Sapling         | 1          |            |             |              |   |     |              |    |     |  |    |                    |         |             |  |              |                    |             |             |              |              |         |             |          |  |  |                    |         |             |      |              |        |             |          |
| White Spruce  | 10   | Sapling         | 1          |            |             |              |   |     |              |    |     |  |    |                    |         |             |  |              |                    |             |             |              |              |         |             |          |  |  |                    |         |             |      |              |        |             |          |
| Sub-Canopy Species  | Density                                    | Avg. Height     | Size       |            |             |              |   |     |              |    |     |  |    |                    |         |             |  |              |                    |             |             |              |              |         |             |          |  |  |                    |         |             |      |              |        |             |          |
| Bracken Fern  | Medium                                     | Unspecified     | Non-Wood   |            |             |              |   |     |              |    |     |  |    |                    |         |             |  |              |                    |             |             |              |              |         |             |          |  |  |                    |         |             |      |              |        |             |          |
| 55  | 4134 - Aspen, Spruce/Fir                   | Sawtimber Well  | 28.2       | 67         | Unspecified | N/A          |   |     |              |    |     |  |    |                    |         |             |  |              |                    |             |             |              |              |         |             |          |  |  |                    |         |             |      |              |        |             |          |
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| Canopy Species  | % Cover                                    | Size Class      | DBH        | Age        |             |              |   |     |              |    |     |  |    |                    |         |             |  |              |                    |             |             |              |              |         |             |          |  |  |                    |         |             |      |              |        |             |          |
| Quaking Aspen   | 70   | Log/Pole        | 12         | 67         |             |              |   |     |              |    |     |  |    |                    |         |             |  |              |                    |             |             |              |              |         |             |          |  |  |                    |         |             |      |              |        |             |          |
| Black Spruce  | 30   | Pole/Log        | 9          | 112        |             |              |   |     |              |    |     |  |    |                    |         |             |  |              |                    |             |             |              |              |         |             |          |  |  |                    |         |             |      |              |        |             |          |
| Sub-Canopy Species  | Density                                    | Avg. Height     | Size       |            |             |              |   |     |              |    |     |  |    |                    |         |             |  |              |                    |             |             |              |              |         |             |          |  |  |                    |         |             |      |              |        |             |          |
| Balsam Fir  | Medium                                     | Variable        | Sapling    |            |             |              |   |     |              |    |     |  |    |                    |         |             |  |              |                    |             |             |              |              |         |             |          |  |  |                    |         |             |      |              |        |             |          |
| 56  | 6127 - Lowland Pine                        | Sapling Medium  | 4.4        | 66         | 1-50        | N/A          |   |     |              |    |     |  |    |                    |         |             |  |              |                    |             |             |              |              |         |             |          |  |  |                    |         |             |      |              |        |             |          |
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| Canopy Species  | % Cover                                    | Size Class      | DBH        | Age        |             |              |   |     |              |    |     |  |    |                    |         |             |  |              |                    |             |             |              |              |         |             |          |  |  |                    |         |             |      |              |        |             |          |
| White Pine  | 100  | Sapling/Pole    | 3          | 66         |             |              |   |     |              |    |     |  |    |                    |         |             |  |              |                    |             |             |              |              |         |             |          |  |  |                    |         |             |      |              |        |             |          |
| Sub-Canopy Species  | Density                                    | Avg. Height     | Size       |            |             |              |   |     |              |    |     |  |    |                    |         |             |  |              |                    |             |             |              |              |         |             |          |  |  |                    |         |             |      |              |        |             |          |
| Tag Alder   | Low  | 5 - 10 feet     | Tall Shrub |            |             |              |   |     |              |    |     |  |    |                    |         |             |  |              |                    |             |             |              |              |         |             |          |  |  |                    |         |             |      |              |        |             |          |
| 57  | 4130 - Aspen                               | Sapling Well    | 29.8       | 7          | Unspecified | N/A          | Harvested 2013  |     |              |    |     |  |    |                    |         |             |  |              |                    |             |             |              |              |         |             |          |  |  |                    |         |             |      |              |        |             |          |
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| Canopy Species  | % Cover                                    | Size Class      | DBH        | Age        |             |              |   |     |              |    |     |  |    |                    |         |             |  |              |                    |             |             |              |              |         |             |          |  |  |                    |         |             |      |              |        |             |          |
| Quaking Aspen   | 100  | Sapling         | 1          | 7          |             |              |   |     |              |    |     |  |    |                    |         |             |  |              |                    |             |             |              |              |         |             |          |  |  |                    |         |             |      |              |        |             |          |
| Sub-Canopy Species  | Density                                    | Avg. Height     | Size       |            |             |              |   |     |              |    |     |  |    |                    |         |             |  |              |                    |             |             |              |              |         |             |          |  |  |                    |         |             |      |              |        |             |          |
| Bracken Fern  | Medium                                     | Unspecified     | Non-Wood   |            |             |              |   |     |              |    |     |  |    |                    |         |             |  |              |                    |             |             |              |              |         |             |          |  |  |                    |         |             |      |              |        |             |          |
| 58  | 4130 - Aspen                               | Sawtimber Well  | 95.7       | 62         | Unspecified | N/A          |   |     |              |    |     |  |    |                    |         |             |  |              |                    |             |             |              |              |         |             |          |  |  |                    |         |             |      |              |        |             |          |
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| Canopy Species  | % Cover                                    | Size Class      | DBH        | Age        |             |              |   |     |              |    |     |  |    |                    |         |             |  |              |                    |             |             |              |              |         |             |          |  |  |                    |         |             |      |              |        |             |          |
| Quaking Aspen   | 100  | Log             | 14         | 62         |             |              |   |     |              |    |     |  |    |                    |         |             |  |              |                    |             |             |              |              |         |             |          |  |  |                    |         |             |      |              |        |             |          |
| Sub-Canopy Species  | Density                                    | Avg. Height     | Size       |            |             |              |   |     |              |    |     |  |    |                    |         |             |  |              |                    |             |             |              |              |         |             |          |  |  |                    |         |             |      |              |        |             |          |
| Balsam Fir  | High                                       | Variable        | Pole       |            |             |              |   |     |              |    |     |  |    |                    |         |             |  |              |                    |             |             |              |              |         |             |          |  |  |                    |         |             |      |              |        |             |          |
| 59  | 42221 - Natural Jack Pine, Mixed Deciduous | Sapling Well    | 18.2       | 6          | Immature    | N/A          | Harvested 2014 with Gwinn sale. Supercanopy Pines throughout. |     |              |    |     |  |    |                    |         |             |  |              |                    |             |             |              |              |         |             |          |  |  |                    |         |             |      |              |        |             |          |
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| Canopy Species  | % Cover                                    | Size Class      | DBH        | Age        |             |              |   |     |              |    |     |  |    |                    |         |             |  |              |                    |             |             |              |              |         |             |          |  |  |                    |         |             |      |              |        |             |          |
| Quaking Aspen   | 40   | Sapling         | 1          |            |             |              |   |     |              |    |     |  |    |                    |         |             |  |              |                    |             |             |              |              |         |             |          |  |  |                    |         |             |      |              |        |             |          |
| Jack Pine   | 60   | Sapling         | 1          | 6          |             |              |   |     |              |    |     |  |    |                    |         |             |  |              |                    |             |             |              |              |         |             |          |  |  |                    |         |             |      |              |        |             |          |
| Sub-Canopy Species  | Density                                    | Avg. Height     | Size       |            |             |              |   |     |              |    |     |  |    |                    |         |             |  |              |                    |             |             |              |              |         |             |          |  |  |                    |         |             |      |              |        |             |          |
| Bracken Fern  | High                                       | Unspecified     | Non-Wood   |            |             |              |   |     |              |    |     |  |    |                    |         |             |  |              |                    |             |             |              |              |         |             |          |  |  |                    |         |             |      |              |        |             |          |
| 60  | 6121 - Tamarack                            | Poletimber Well | 2.1        | 104        | 111-140     | N/A          |   |     |              |    |     |  |    |                    |         |             |  |              |                    |             |             |              |              |         |             |          |  |  |                    |         |             |      |              |        |             |          |
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| Canopy Species  | % Cover                                    | Size Class      | DBH        | Age        |             |              |   |     |              |    |     |  |    |                    |         |             |  |              |                    |             |             |              |              |         |             |          |  |  |                    |         |             |      |              |        |             |          |
| Tamarack  | 100  | Log/Pole        | 10         | 104        |             |              |   |     |              |    |     |  |    |                    |         |             |  |              |                    |             |             |              |              |         |             |          |  |  |                    |         |             |      |              |        |             |          |
| Sub-Canopy Species  | Density                                    | Avg. Height     | Size       |            |             |              |   |     |              |    |     |  |    |                    |         |             |  |              |                    |             |             |              |              |         |             |          |  |  |                    |         |             |      |              |        |             |          |
| Tag Alder   | Medium                                     | 5 - 10 feet     | Tall Shrub |            |             |              |   |     |              |    |     |  |    |                    |         |             |  |              |                    |             |             |              |              |         |             |          |  |  |                    |         |             |      |              |        |             |          |
| 61  | 4130 - Aspen                               | Poletimber Well | 11.2       | 69         | 111-140     | N/A          |   |     |              |    |     |  |    |                    |         |             |  |              |                    |             |             |              |              |         |             |          |  |  |                    |         |             |      |              |        |             |          |
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| Canopy Species  | % Cover                                    | Size Class      | DBH        | Age        |             |              |   |     |              |    |     |  |    |                    |         |             |  |              |                    |             |             |              |              |         |             |          |  |  |                    |         |             |      |              |        |             |          |
| Quaking Aspen   | 100  | Log             | 14         | 69         |             |              |   |     |              |    |     |  |    |                    |         |             |  |              |                    |             |             |              |              |         |             |          |  |  |                    |         |             |      |              |        |             |          |
| Sub-Canopy Species  | Density                                    | Avg. Height     | Size       |            |             |              |   |     |              |    |     |  |    |                    |         |             |  |              |                    |             |             |              |              |         |             |          |  |  |                    |         |             |      |              |        |             |          |
| Balsam Fir  | Medium                                     | Variable        | Pole       |            |             |              |   |     |              |    |     |  |    |                    |         |             |  |              |                    |             |             |              |              |         |             |          |  |  |                    |         |             |      |              |        |             |          |
| 62  | 6220 - Alder/willow                        | Nonstocked      | 13.2       |            | Unspecified | No           |   |     |              |    |     |  |    |                    |         |             |  |              |                    |             |             |              |              |         |             |          |  |  |                    |         |             |      |              |        |             |          |



| Stand   | Level 4 Cover Type         | Size Density      | Acres   | Stand Age  | BA Range    | Managed Site | General Comments   |    |          |    |     |               |    |          |    |     |  |    |                    |         |             |   |               |                    |          |             |              |               |          |          |            |              |          |          |           |     |          |      |  |  |  |  |
|---|----------------------------|-------------------|---------|------------|-------------|--------------|--|----|----------|----|-----|---------------|----|----------|----|-----|--|----|--------------------|---------|-------------|---|---------------|--------------------|----------|-------------|--------------|---------------|----------|----------|------------|--------------|----------|----------|-----------|-----|----------|------|--|--|--|--|
| <b>63</b>   | 4319 - Mixed Upland Forest | Poletimber Medium | 11.2    | 56         | 51-80       | N/A          | Low volumes of Aspen/Spruce/Fir. Many supercanopy Pines. Most of Balsam and White Spruce is dead from Spruce Budworm outbreak. Thick pocket of Pine in middle of stand.        |    |          |    |     |               |    |          |    |     |  |    |                    |         |             |   |               |                    |          |             |              |               |          |          |            |              |          |          |           |     |          |      |  |  |  |  |
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| Canopy Species  | % Cover                    | Size Class        | DBH     | Age        |             |              |  |    |          |    |     |               |    |          |    |     |  |    |                    |         |             |   |               |                    |          |             |              |               |          |          |            |              |          |          |           |     |          |      |  |  |  |  |
| White Pine  | 10                         | XLog              | 18      |            |             |              |  |    |          |    |     |               |    |          |    |     |  |    |                    |         |             |   |               |                    |          |             |              |               |          |          |            |              |          |          |           |     |          |      |  |  |  |  |
| Quaking Aspen   | 50                         | Pole              | 7       | 56         |             |              |  |    |          |    |     |               |    |          |    |     |  |    |                    |         |             |   |               |                    |          |             |              |               |          |          |            |              |          |          |           |     |          |      |  |  |  |  |
| Black Spruce  | 30                         | Pole/Sapling      | 7       |            |             |              |  |    |          |    |     |               |    |          |    |     |  |    |                    |         |             |   |               |                    |          |             |              |               |          |          |            |              |          |          |           |     |          |      |  |  |  |  |
| Sub-Canopy Species  | Density                    | Avg. Height       | Size    |            |             |              |  |    |          |    |     |               |    |          |    |     |  |    |                    |         |             |   |               |                    |          |             |              |               |          |          |            |              |          |          |           |     |          |      |  |  |  |  |
| Quaking Aspen   | Medium                     | Variable          | Sapling |            |             |              |  |    |          |    |     |               |    |          |    |     |  |    |                    |         |             |   |               |                    |          |             |              |               |          |          |            |              |          |          |           |     |          |      |  |  |  |  |
| Black Spruce  | Medium                     | Variable          | Sapling |            |             |              |  |    |          |    |     |               |    |          |    |     |  |    |                    |         |             |   |               |                    |          |             |              |               |          |          |            |              |          |          |           |     |          |      |  |  |  |  |
| <b>64</b>   | 42210 - Natural Red Pine   | Sawtimber Well    | 50.7    | 112        | 111-140     | N/A          | Stocking levels of Pine vary greatly. BA ranges from 30-200+. Spruce/Fir in understory almost completely dead from budworm outbreak. Low volumes of Aspen/Maple in understory. |    |          |    |     |               |    |          |    |     |  |    |                    |         |             |   |               |                    |          |             |              |               |          |          |            |              |          |          |           |     |          |      |  |  |  |  |
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| Canopy Species  | % Cover                    | Size Class        | DBH     | Age        |             |              |  |    |          |    |     |               |    |          |    |     |  |    |                    |         |             |   |               |                    |          |             |              |               |          |          |            |              |          |          |           |     |          |      |  |  |  |  |
| White Pine  | 25                         | XLog/Log          | 20      |            |             |              |  |    |          |    |     |               |    |          |    |     |  |    |                    |         |             |   |               |                    |          |             |              |               |          |          |            |              |          |          |           |     |          |      |  |  |  |  |
| Red Pine  | 75                         | XLog/Log          | 18      | 112        |             |              |  |    |          |    |     |               |    |          |    |     |  |    |                    |         |             |   |               |                    |          |             |              |               |          |          |            |              |          |          |           |     |          |      |  |  |  |  |
| Sub-Canopy Species  | Density                    | Avg. Height       | Size    |            |             |              |  |    |          |    |     |               |    |          |    |     |  |    |                    |         |             |   |               |                    |          |             |              |               |          |          |            |              |          |          |           |     |          |      |  |  |  |  |
| Quaking Aspen   | Low                        | Variable          | Pole    |            |             |              |  |    |          |    |     |               |    |          |    |     |  |    |                    |         |             |   |               |                    |          |             |              |               |          |          |            |              |          |          |           |     |          |      |  |  |  |  |
| Black Spruce  | Medium                     | Variable          | Pole    |            |             |              |  |    |          |    |     |               |    |          |    |     |  |    |                    |         |             |   |               |                    |          |             |              |               |          |          |            |              |          |          |           |     |          |      |  |  |  |  |
| Balsam Fir  | Low                        | Variable          | Sapling |            |             |              |  |    |          |    |     |               |    |          |    |     |  |    |                    |         |             |   |               |                    |          |             |              |               |          |          |            |              |          |          |           |     |          |      |  |  |  |  |
| Red Maple   | Low                        | Variable          | Pole    |            |             |              |  |    |          |    |     |               |    |          |    |     |  |    |                    |         |             |   |               |                    |          |             |              |               |          |          |            |              |          |          |           |     |          |      |  |  |  |  |
| <b>66</b>   | 42200 - Natural White Pine | Sawtimber Poor    | 30.1    | 116        | 1-50        | N/A          | Some areas of stand have Aspen saplings in understory. Majority of understory Aspen is pole sized.   |    |          |    |     |               |    |          |    |     |  |    |                    |         |             |   |               |                    |          |             |              |               |          |          |            |              |          |          |           |     |          |      |  |  |  |  |
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| Canopy Species  | % Cover                    | Size Class        | DBH     | Age        |             |              |  |    |          |    |     |               |    |          |    |     |  |    |                    |         |             |   |               |                    |          |             |              |               |          |          |            |              |          |          |           |     |          |      |  |  |  |  |
| White Pine  | 80                         | XLog              | 18      | 116        |             |              |  |    |          |    |     |               |    |          |    |     |  |    |                    |         |             |   |               |                    |          |             |              |               |          |          |            |              |          |          |           |     |          |      |  |  |  |  |
| Red Pine  | 20                         | XLog              | 18      |            |             |              |  |    |          |    |     |               |    |          |    |     |  |    |                    |         |             |   |               |                    |          |             |              |               |          |          |            |              |          |          |           |     |          |      |  |  |  |  |
| Sub-Canopy Species  | Density                    | Avg. Height       | Size    |            |             |              |  |    |          |    |     |               |    |          |    |     |  |    |                    |         |             |   |               |                    |          |             |              |               |          |          |            |              |          |          |           |     |          |      |  |  |  |  |
| Quaking Aspen   | Medium                     | Variable          | Pole    |            |             |              |  |    |          |    |     |               |    |          |    |     |  |    |                    |         |             |   |               |                    |          |             |              |               |          |          |            |              |          |          |           |     |          |      |  |  |  |  |
| <b>67</b>   | 3102 - Grass               | Nonstocked        | 2.0     | 0          | Unspecified | No           |  |    |          |    |     |               |    |          |    |     |  |    |                    |         |             |   |               |                    |          |             |              |               |          |          |            |              |          |          |           |     |          |      |  |  |  |  |
| <b>69</b>   | 6220 - Alder/willow        | Nonstocked        | 13.8    | 0          | Unspecified | No           |  |    |          |    |     |               |    |          |    |     |  |    |                    |         |             |   |               |                    |          |             |              |               |          |          |            |              |          |          |           |     |          |      |  |  |  |  |