

# Compartment Review Presentation

Roscommon Forest Management Unit

Compartment 71034

Entry Year: 2027

Acreage: 3,830

County: Roscommon

Management Area: High Sand Plains

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**Stand Examiner:** Dakota Ewald

**Legal Description:**

T24N R02W Sections 3, 4, 5, 9, 10, 15, 16, 17, 21, 22, and 23.

**Identified Planning Goals:**

High Sand Plains management plan.

**Soil and topography:**

Topography is generally flat with some rolling terrain in the South end of the compartment. Large wetland areas both forested and non forested. Soils range from Grayling Sands on the uplands to Tawas-Lupton Mucks on the lowlands

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

This compartment lies just to the east of the Village of Roscommon and is intermixed with state and private landholdings.

**Unique Natural Features:**

The South Branch of the AuSable River flows through the North of the compartment.

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

There is an archaeological feature within section 15.

**Special Management Designations or Considerations:**

None.

**Watershed and Fisheries Considerations:**

The South Branch of the Ausable river flows through the center of the compartment, along with several creeks that branch off from it. There are also multiple large wetland complexes surrounded by swampy low ground.

**Wildlife Habitat Considerations:**

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

No known potential exists for economic deposits of metallic minerals in this part of the state. An active sand/gravel operation exists two miles west and one less than one mile north. The best potential for development of sand & gravel resources within the compartment is on the uplands in the south end of the compartment. The nearest hydrocarbon production, past or present, is roughly two miles east. There is no current leasing activity involving State-owned oil & gas rights in the compartment, and there has been no recent well permit activity in the area. Potential for future oil & gas development within the compartment is considered low at this time. The State does not own all the mineral rights within the compartment. Because the mineral estate is the dominant estate, the surface owner must provide the owner of the mineral rights reasonable access to the surface for mineral exploration and development.

**Vehicle Access:**

Access to much of the compartment is good using county roads and state forest roads. The central portion of the compartment that is dominated by wetland and low ground types has limited to no access.

**Survey Needs:**

None required at the time of inventory.

**Recreational Facilities and Opportunities:**

The Tisdale walking/ski trail is contained within the North portion of the compartment. The snowmobile trail runs through the South end of the compartment.

**Fire Protection:**

**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**

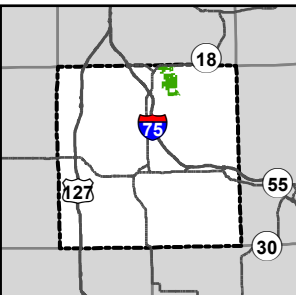
**The following information is displayed, where pertinent, on the attached compartment maps:**

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

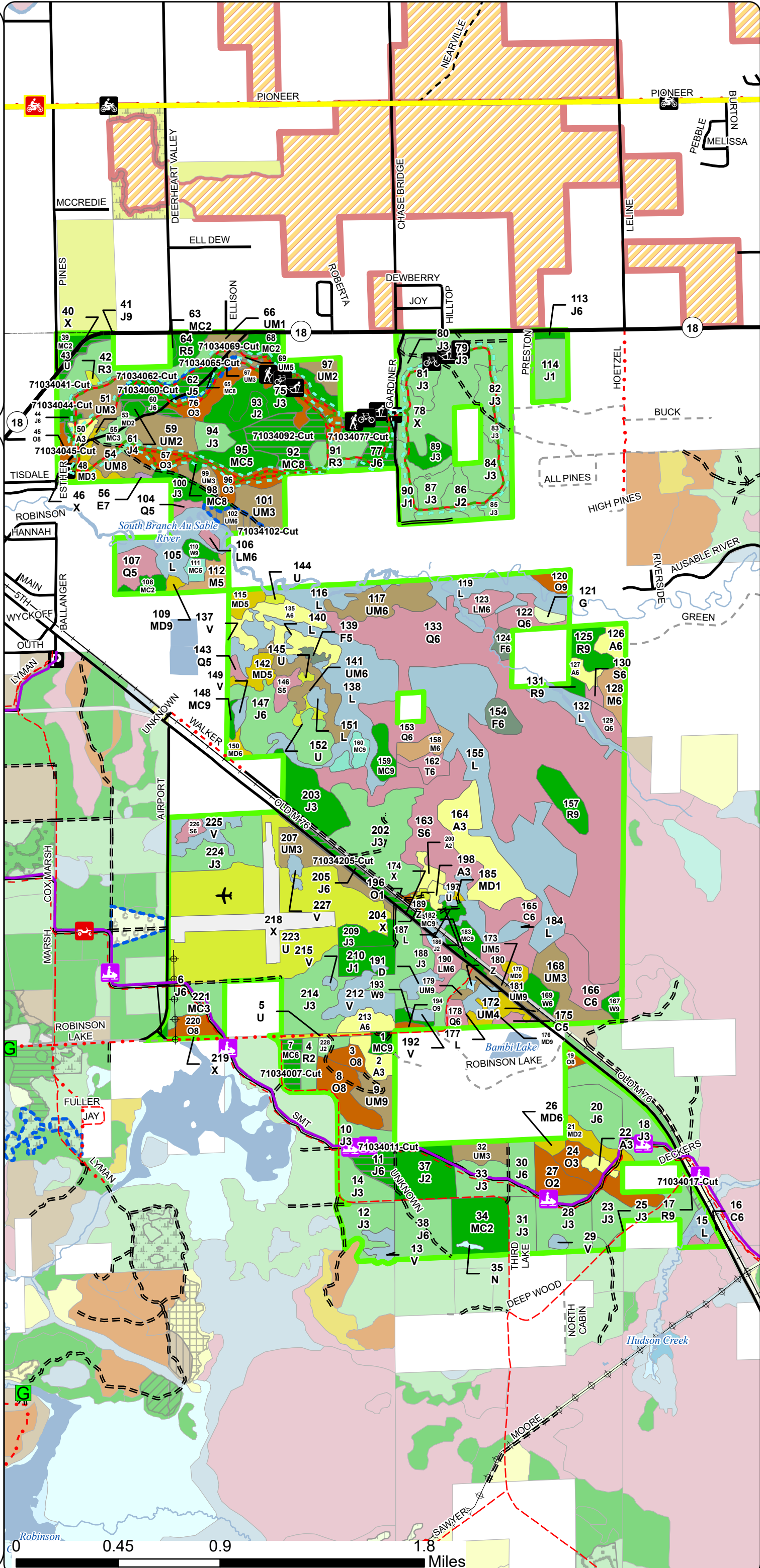


Cover Type & Treatments Map

Compartment: 71034  
T24N, R02W, Sec. 2-5, 9, 10, 15, 16, 21-23  
County: Roscommon  
Unit: Roscommon  
Mgmt. Area: High Sand Plains  
YOE: 2027  
Acres: 3,829.69 GIS Calculated  
Examiner: Dakota Ewald  
Date Exported: 09/30/2025  
Map Phase: Post Review

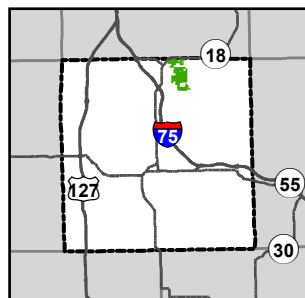










































- Airport
- Gate
- Parking Lot
- Designated Bicycle Trails
- Designated Hiking Pathways
- Designated ORV Routes
- Designated ATV Trails
- Designated MCCCT Trails
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State Highway
- Federal / State / County - Paved Road
- Federal / State - Dirt / Gravel Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Active Railroads
- Powerline
- Perennial River
- Lakes and Rivers
- Counties
- Compartment Boundary
- Treatments with Site Conditions
- Clearcut
- Shelterwood
- Thinning
- Overstory Removal
- Clearcut
- Seed Tree
- Shelterwood
- Thinning
- Prescribed Burn
- Openings Mgmt.
- Monitoring - Regeneration
- Other Treatments - See Comments
- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 500 - Water
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 110 - Low Intensity Urban
- 121 - Airport
- 122 - Road/Parking Lot
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 622 - Lowland Shrub
- 623 - Emergent Wetland

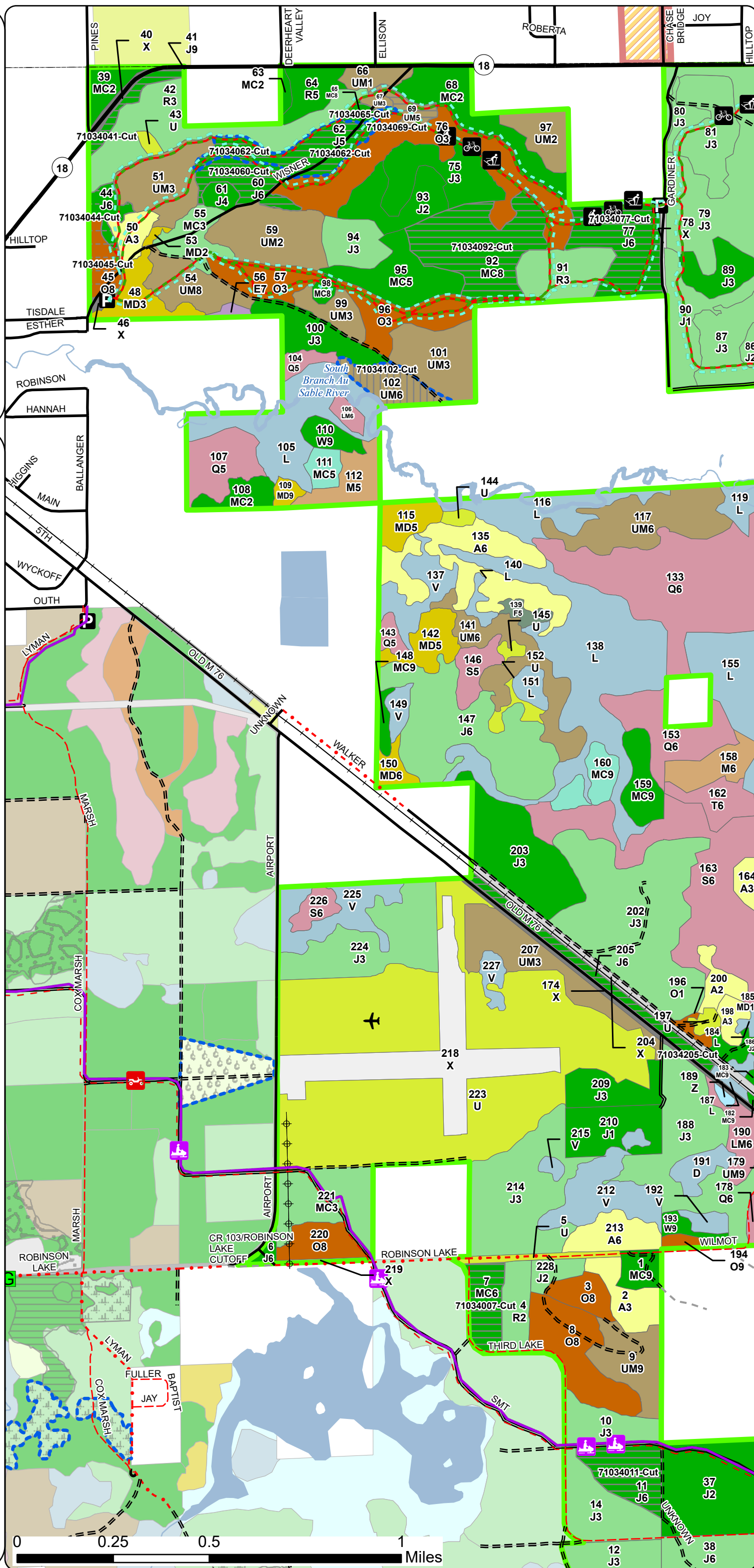




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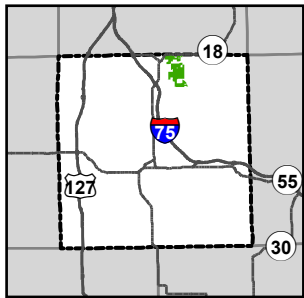





































- |   |                                       |
|---|---------------------------------------|
|    | Airport                               |
|    | Gate                                  |
|   | Parking Lot                           |
|  | Designated Bicycle Trails             |
|  | Designated ORV Routes                 |
|  | DNR - Secondary Forest Road           |
|  | DNR - Forest Access Route             |
|  | Federal / State Highway               |
|  | Federal / State / County - Paved Road |
|  | County - Gravel Road                  |
|  | County - Dirt Road (Seasonal)         |
|  | Private - Dirt / Gravel Road          |
|  | Active Railroads                      |
|  | Powerline                             |
|  | Perennial River                       |
|  | Lakes and Rivers                      |
|  | Counties                              |
|  | Compartment Boundary                  |
|  | Treatments with Site Conditions       |
|  | Clearcut                              |
|  | Shelterwood                           |
|  | Overstory Removal                     |
|  | Clearcut                              |
|  | Prescribed Burn                       |
|  | Monitoring - Regeneration             |
|  | Other Treatments - See Comments       |
|  | 411 - Northern Hardwood               |
|  | 412 - Oak Types                       |
|  | 413 - Aspen                           |
|  | 419 - Mixed Upland Deciduous          |
|  | 421 - Planted Pines                   |
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|  | 423 - Other Upland Conifers           |
|  | 429 - Mixed Upland Conifers           |
|  | 430 - Upland Mixed Forest             |
|  | 500 - Water                           |
|  | 611 - Lowland Deciduous Forest        |
|  | 612 - Lowland Coniferous Forest       |
|  | 613 - Lowland Mixed Forest            |
|  | 110 - Low Intensity Urban             |
|  | 121 - Airport                         |
|  | 122 - Road/Parking Lot                |
|  | 330 - Low Density Trees               |
|  | 622 - Lowland Shrub                   |

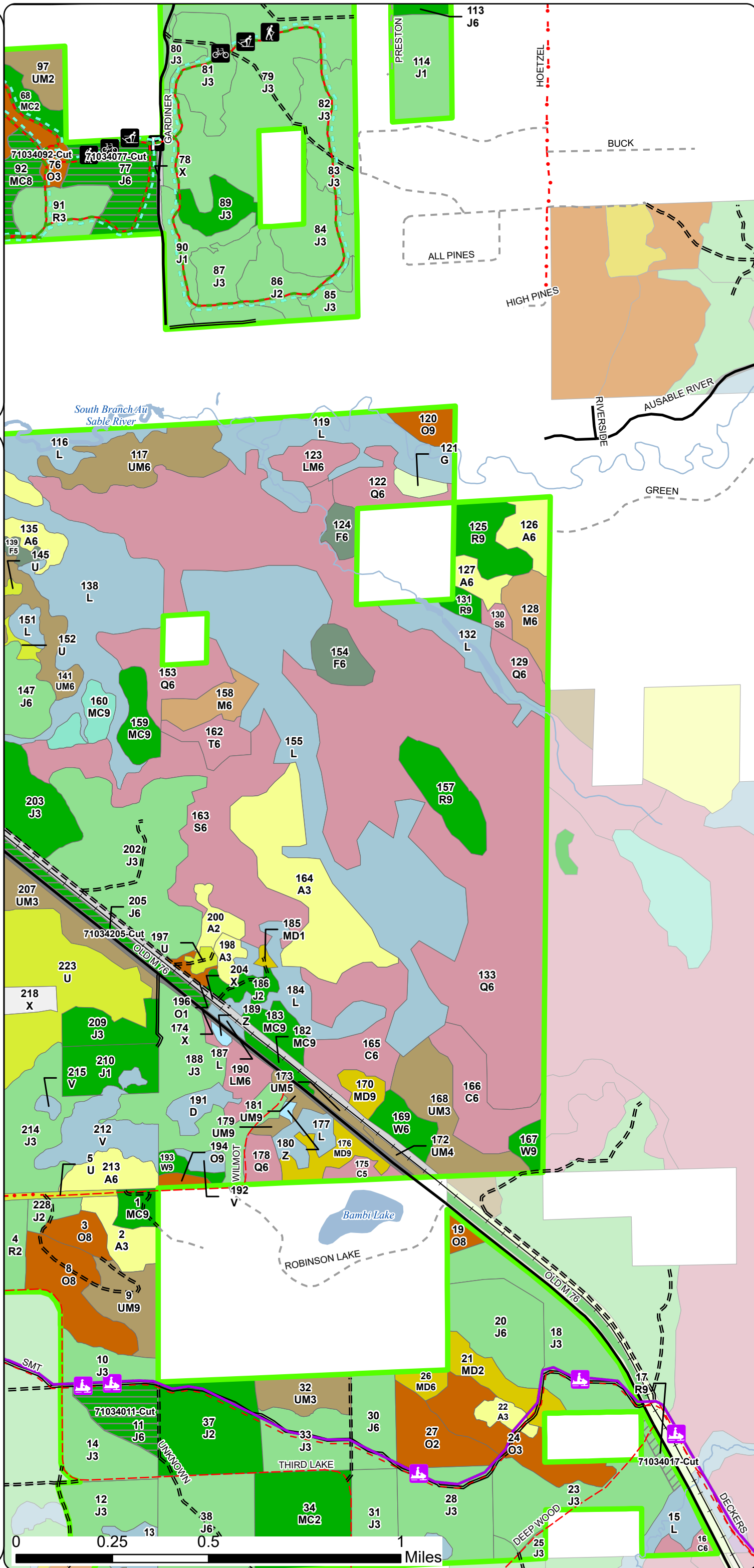




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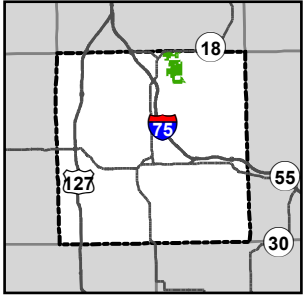





















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 Designated ORV Routes  
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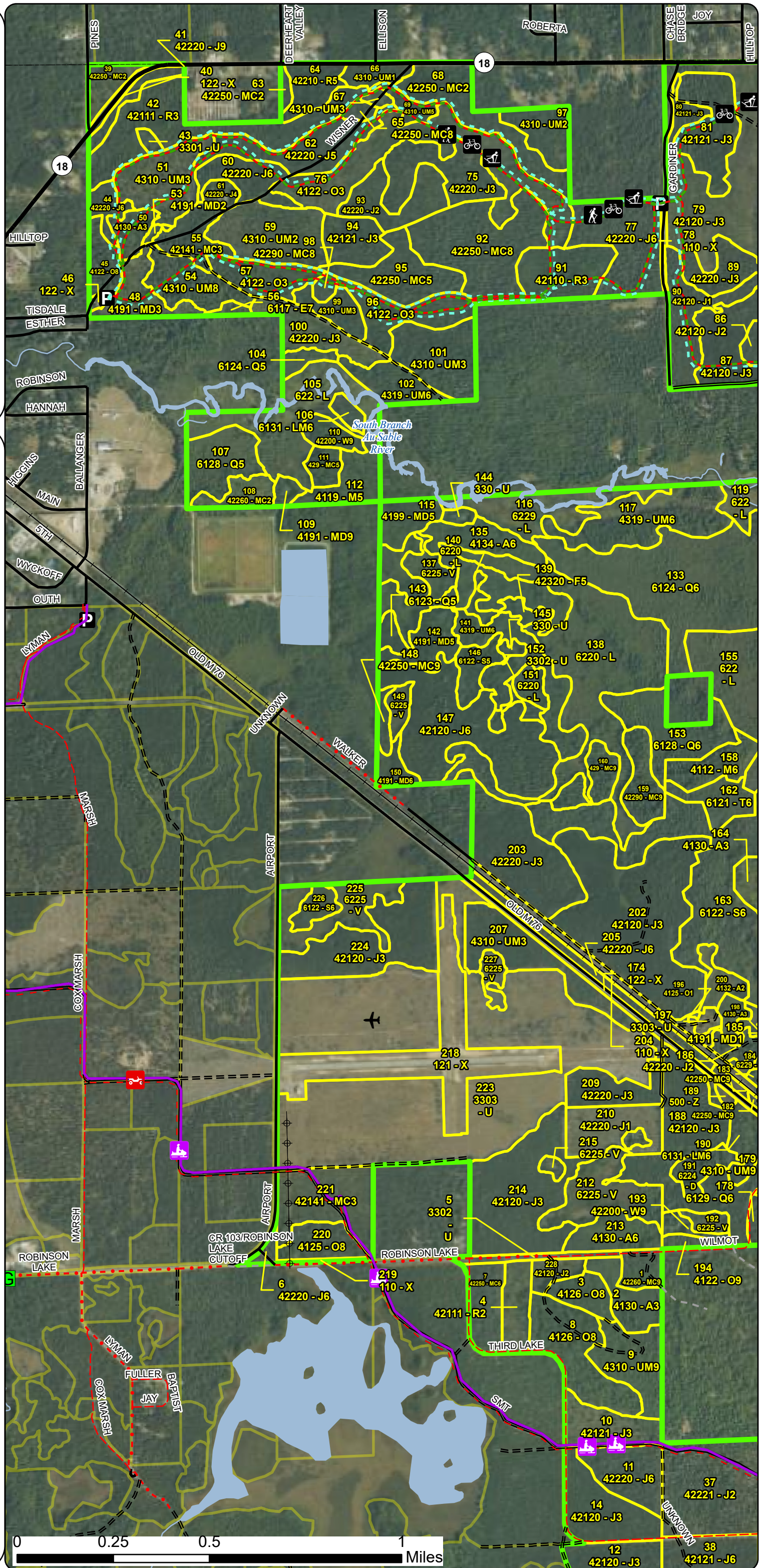




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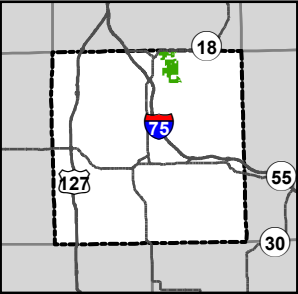
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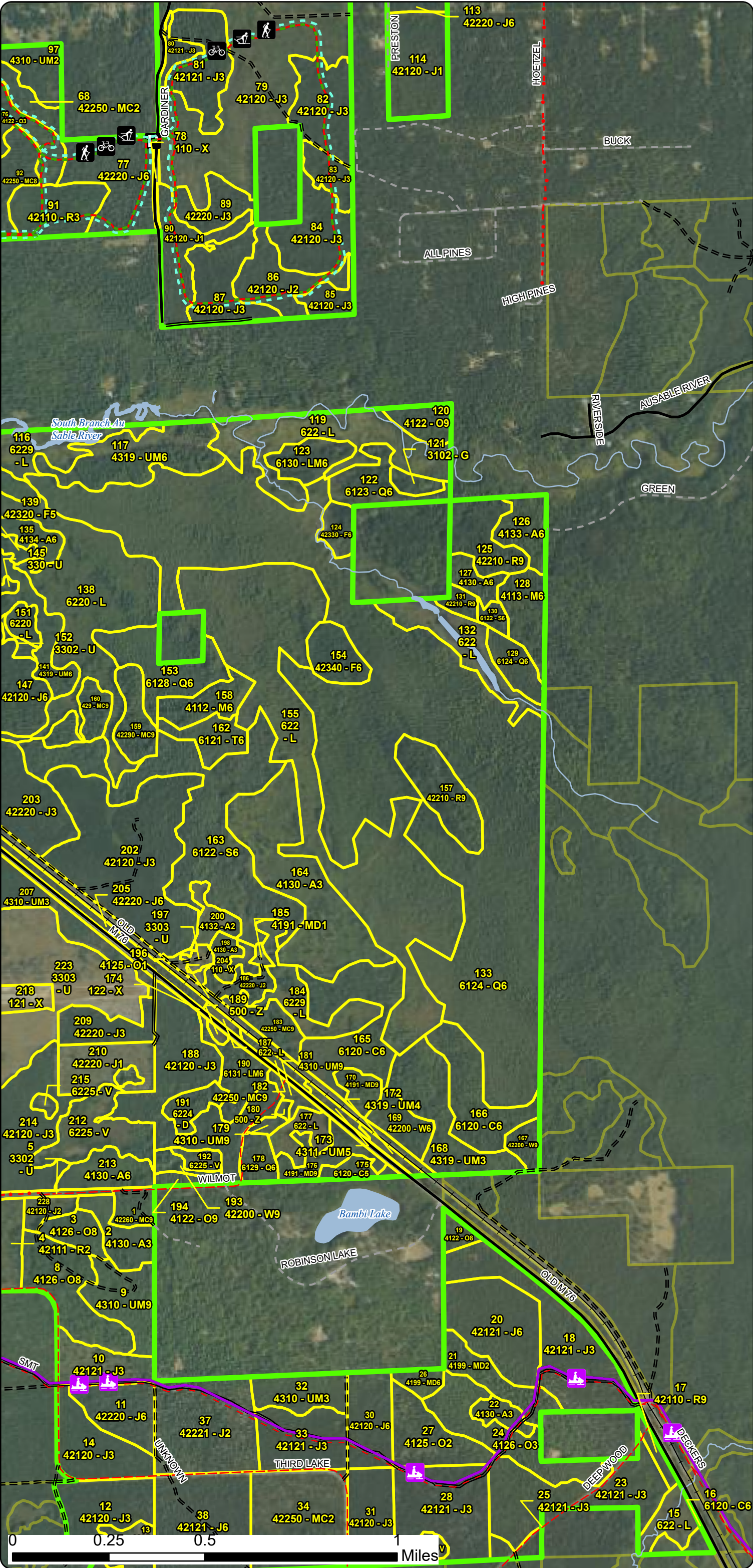


Stand Boundary Map

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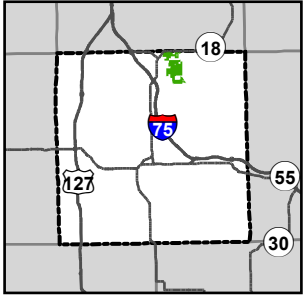


























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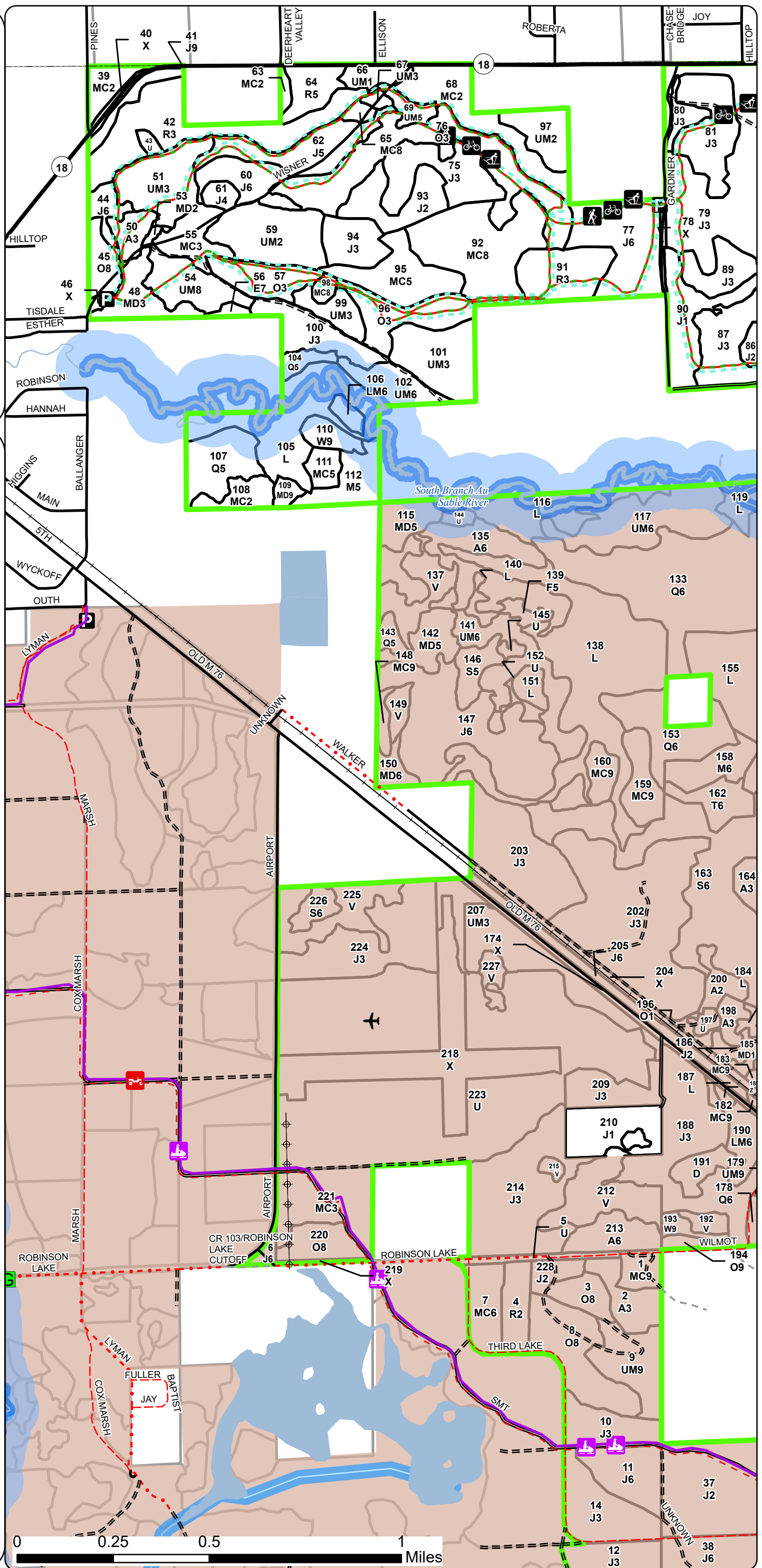




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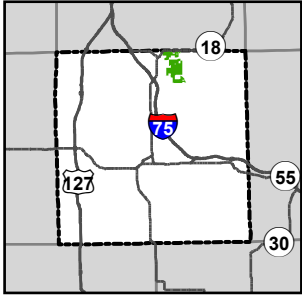
























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-  Compartment Boundary
-  Stand Boundaries
-  Natural Rivers Vegetative Buffer
-  Natural Rivers Zoning District
-  Cold Water Streams
-  High Priority Trout Stream Buffer
-  Research, Development, and Military Lands

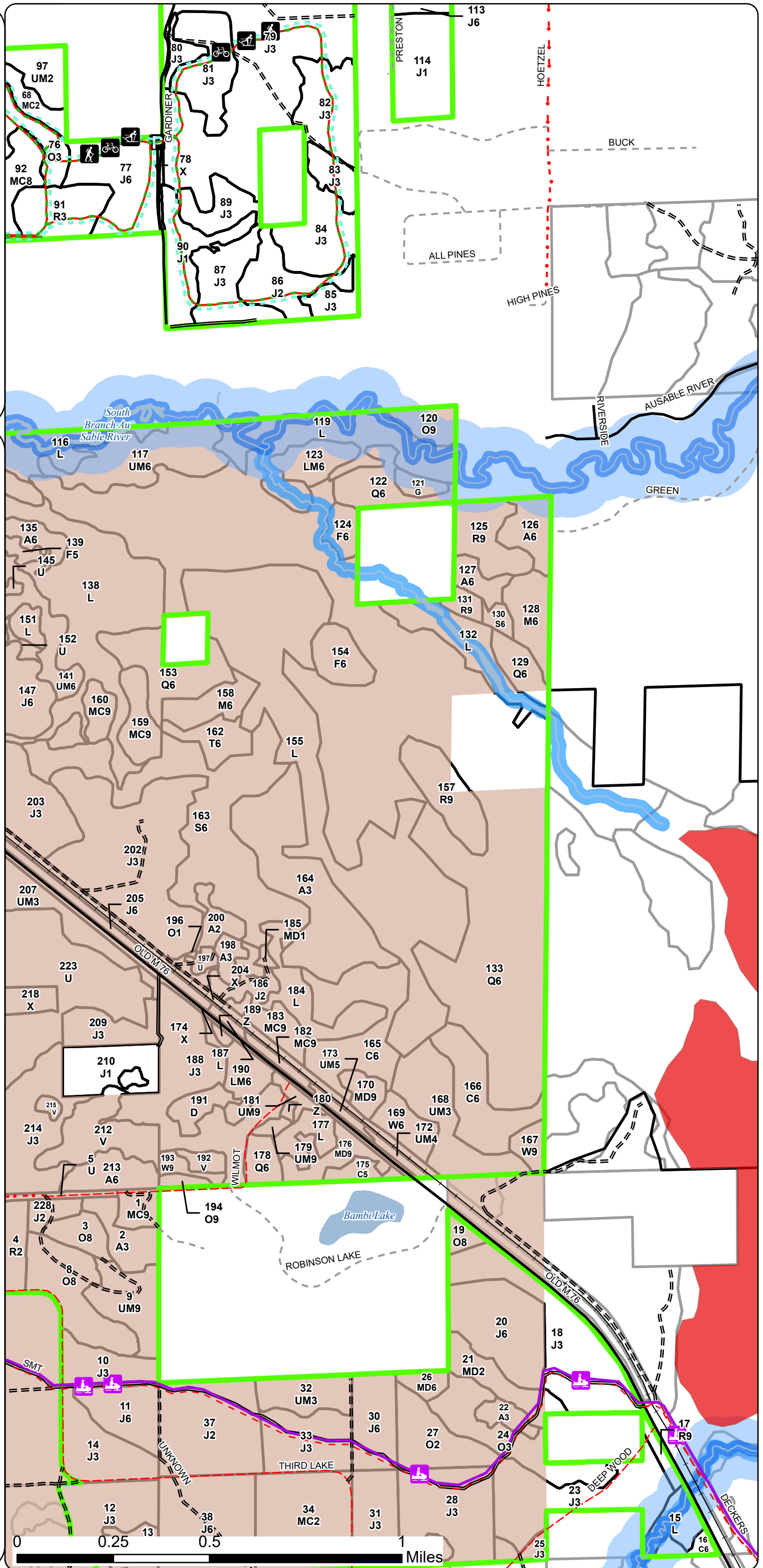




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-  Ecological Reference Areas
-  Natural Rivers Vegetative Buffer
-  Natural Rivers Zoning District
-  SCA
-  Cold Water Streams
-  High Priority Trout Stream Buffer
-  Research, Development, and Military Lands





# Report 1 – Total Acres by Cover Type and Age Class

	Age Class																		
	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Unseen-Aged	Total
Aspen	0	0	74	6	25	37	0	0	0	19	0	0	0	0	0	0	0	0	161
Bog	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	84
Cedar	0	0	0	0	0	0	0	0	0	0	0	5	61	0	4	0	0	0	70
Herbaceous Openland	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Jack Pine	0	123	91	245	411	190	17	0	45	11	34	0	0	0	0	0	0	2	1169
Low-Density Trees	221	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	221
Lowland Conifers	0	0	0	0	0	0	22	0	24	0	4	23	7	362	0	0	0	0	442
Lowland Deciduous	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
Lowland Mixed Forest	0	0	0	0	0	0	0	0	23	0	0	3	0	0	0	0	0	0	26
Lowland Shrub	406	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	406
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	81	8	0	0	0	0	0	0	0	9	98
Marsh	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Mixed Upland Deciduous	0	0	15	15	0	12	0	0	0	0	5	35	0	0	0	0	0	0	82
Natural Mixed Pines	0	0	57	24	0	0	0	0	0	23	54	24	0	0	0	12	0	0	194
Northern Hardwood	0	0	0	0	0	0	0	0	27	0	0	13	0	0	0	0	0	0	40
Oak	0	0	79	47	0	0	0	0	0	0	8	56	7	0	0	0	0	0	194
Planted Mixed Pines	0	0	27	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	39
Red Pine	0	0	69	0	0	0	0	11	4	42	0	0	0	0	0	0	0	0	126
Tamarack	0	0	0	0	0	0	0	0	11	0	0	0	0	0	0	0	0	0	11
Treed Bog	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Upland Conifers	0	0	0	0	0	0	0	0	0	0	0	15	0	0	0	0	0	0	15
Upland Mixed Forest	0	0	50	75	14	56	0	0	6	5	16	62	6	0	0	0	0	0	289
Upland Spruce/Fir	0	0	0	0	0	15	0	0	0	0	0	0	0	0	0	0	0	7	22
Urban	98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	98
Water	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
White Pine	0	0	0	0	0	0	10	0	0	0	0	6	6	4	0	0	0	0	26
Total	824	123	462	424	450	310	49	11	221	108	121	242	89	366	4	12	0	18	3830



## Report 2 – Treatment Summary

Roscommon Mgt. Unit

Year of Entry: 2027

Acres of Harvest

Compartment 34

Total Compartment Acres: 3,830

Commercial Harvest - 218

Harvests with Site Condition - 66

Next Step Harvest - 0

Habitat Cut - 40

### Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overshoot Removal	Salvage	Other	Total Acres
Jack Pine	98	0	0	0	0	0	6	0	0	104
Natural Mixed Pines	56	0	0	0	0	0	0	0	0	56
Oak	0	0	0	0	0	0	8	0	0	8
Red Pine	0	0	0	0	0	4	0	0	0	4
Upland Mixed Forest	5	0	0	0	12	0	0	0	0	17
<b>Total</b>	<b>159</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>12</b>	<b>4</b>	<b>14</b>	<b>0</b>	<b>0</b>	<b>189</b>

### Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	189	0	0	0	0	0	0	0	0	189
Next Step	0	17	0	0	0	0	171	0	0	188
<b>Total</b>	<b>189</b>	<b>17</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>171</b>	<b>0</b>	<b>0</b>	<b>377</b>



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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**Approved Treatments:**

7	71034007-Cut	13.1	42250 - Pine, Oak	6	91	51-80	Harvest	Clearcut	42221 - Natural Jack Pine, Mixed Deciduous	Planting Record	Yes
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Prescription Clearcut with retention, cut everything 2 inches and up. Protect existing regen as much as possible.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Moderate to full stocking of jack pine and oak.

Regen:

Other

Comment:

Site Condition:

Proposed Start Date: 10/01/2026

11	71034011-Cut	17.3	42220 - Natural Jack Pine	6	55	81-110	Harvest	Clearcut	42221 - Natural Jack Pine, Mixed Deciduous	Planting Record	Yes
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Prescription Clearcut with retention, cut everything 2 inches and up. Scattered and break up tops to promote natural regen.

Specs:

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

Treatments:

Acceptable Moderate to full stocking of jack pine and oak

Regen:

Other

Comment:

Site Condition:

Proposed Start Date: 10/01/2026

17	71034017-Cut	3.7	42110 - Planted Red Pine	9	78	141-170	Harvest	Thinning	4211 - Planted Red Pine	Planting Record	Yes
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Prescription Thin down to 90 BA, focus on removing poor formed trees first.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Site Condition:

Proposed Start Date: 10/01/2026



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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>41 71034041-Cut</b>	5.5	42220 - Natural Jack Pine	9	87	111-140	Harvest	Clearcut	4222 - Natural Jack Pine	Planting Record	Yes
<u>Prescription</u> Clearcut everything two inches and up, no retention due to size. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Moderate to full stocking of jack pine with a mix of red pine and oak. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										
<b>44 71034044-Cut</b>	5.9	42220 - Natural Jack Pine	6	87	81-110	Harvest	Overstory Removal	42221 - Natural Jack Pine, Mixed Deciduous	Planting Record	No
<u>Prescription</u> Overstory removal, cut everything 4 inches and up. No retention due to size. Protect existing regen as much as possible. No operations allowed from December 1st through March 31st for the ski season. Add regen protection, trail protection, and oak wilt sp <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> Moderate to full stocking of jack pine and oak. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										
<b>45 71034045-Cut</b>	8.4	4122 - Oak, Pine	8	98	51-80	Harvest	Overstory Removal	4122 - Oak, Pine	Planting Record	No
<u>Prescription</u> Overstory removal, no retention due to size. Cut everything 4 inches and up. Protect existing regen as much as possible. No operations allowed from December 1st through March 31st for the ski season. Add regen protection, trail protection, and oak wilt sp <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> Moderate to full stocking of oak and pine. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										
<b>60 71034060-Cut</b>	13.2	42220 - Natural Jack Pine	6	97	81-110	Harvest	Clearcut	4222 - Natural Jack Pine	Planting Record	No
<u>Prescription</u> Clearcut with retention, cut everything 4 inches and up. Scatter and break up jack pine tops to promote natural regen. Use retention as a visual buffer for the ski trail. Protect existing regen as much as possible. No operations allowed from December 1st <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Full stocking of jack pine with a mix of red pine and oak. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										



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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>62 71034062-Cut</b>	21.0	42220 - Natural Jack Pine	5	97	81-110	Harvest	Clearcut	42221 - Natural Jack Pine, Mixed Deciduous	Planting Record	No
<u>Prescription</u> Clearcut with retention, cut everything 2 inches and up. Scatter and break up jack pine tops to promote natural regen. Protect existing regen <u>Specs:</u> as much as possible. No operations allowed from December 1st through March 31st for the ski season. Add oak wilt, <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Moderate to full stocking of jack pine and oak. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> Research Study <u>Proposed Start Date:</u> 10/01/2026										
<b>65 71034065-Cut</b>	2.2	42250 - Pine, Oak	8	101	51-80	Harvest	Clearcut	42250 - Pine, Oak	Planting Record	No
<u>Prescription</u> Clearcut everything 4 inches and up, no retention due to size. Scatter and break up jack pine tops to promote natural regen. Protect existing <u>Specs:</u> regen as much as possible. No operations allowed from December 1st through March 31st for the ski season. Add oak <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Moderate to full stocking of jack pine and oak. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										
<b>69 71034069-Cut</b>	4.9	4310 - Pine, Oak Mix	5	88	81-110	Harvest	Clearcut	4310 - Pine, Oak Mix	Planting Record	No
<u>Prescription</u> Clearcut everything 4 inches and up, no retention due to size. Protect existing regen as much as possible. No operations allowed from <u>Specs:</u> December 1st through March 31st for the ski season. Add regen protection, trail protection, and oak wilt specs. <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Moderate to full stocking of jack pine and oak with some red pine mixed in. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										
<b>77 71034077-Cut</b>	29.7	42220 - Natural Jack Pine	6	79	81-110	Harvest	Clearcut	4222 - Natural Jack Pine	Planting Record	No
<u>Prescription</u> Clearcut with retention, cutting everything 4 inches and up. Scatter and break up jack pine tops to promote natural regen. Protect existing <u>Specs:</u> pine and oak regen as much as possible. No operations allowed from December 1st through March 31st for the ski seas <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Natural Jack pine with some oak mixed in to full stocking. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										



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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>92 71034092-Cut</b>	40.8	42250 - Pine, Oak	8	94	81-110	Harvest	Clearcut	42250 - Pine, Oak	Planting Record	No
<u>Prescription</u> Clearcut with retention, cut everything 4 inches and up. Scatter and break up jack pine tops to promote natural regen. Use retention to break up the visual along the ski trail, but back it off of the trail so trees do not fall across it. Protect existing <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Moderate to full stocking of jack pine and oak. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										
<b>102 71034102-Cut</b>	11.7	4319 - Mixed Upland Forest	6	105	81-110	Harvest	Shelterwood	4319 - Mixed Upland Forest	Cutting Record	No
<u>Prescription</u> Shelterwood leaving 50 to 70 BA of healthy trees with well-formed crowns. Protect existing regen as much as possible. Add residual and regen protection and trail protection specs. Add oak wilt spec.Contact Derek Filmore (989)513-7926 at the time of sale <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Full stocking of fir, maple, and pine with a mix of other species. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> Survey Needed <u>Proposed Start Date:</u> 10/01/2026										
<b>205 71034205-Cut</b>	11.3	42220 - Natural Jack Pine	6	75	81-110	Harvest	Clearcut	4222 - Natural Jack Pine	Planting Record	No
<u>Prescription</u> Clearcut everything two inches and up. No retention due to declining stand condition and proximity to Old 76 and the railroad.. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Moderate to full stocking of jack pine with a mix of other species. If regen fails, will also accept as a non-stocked stand due to the proximity to the road and railroad. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										

**Total Treatment** 188.7  
**Acreage Proposed:**



# Report 4 – Site Conditions



## Availability for Management

Total Acres    Acres Available    Acres With Condition    Acres Not Available

## Dominant Site Conditions

					2I	5B	5C	5G	1A	2A	2F	2G	2H	3D	5E
161	105	37	19	Aspen			37			19					
84	80	0	5	Bog					5						
70	61	0	9	Cedar								9			
4	4	0	0	Herbaceous Openland											
1155	980	170	6	Jack Pine			149	21						4	2
216	11	0	205	Low-Density Trees					200		2	3			
442	0	0	442	Lowland Conifers						10		417	15		
2	2	0	0	Lowland Deciduous											
26	0	0	27	Lowland Mixed Forest								12	15		
406	406	0	0	Lowland Shrub											
98	0	0	98	Lowland Spruce/Fir						3		95			
1	1	0	0	Marsh											
71	49	11	11	Mixed Upland Deciduous		11							9		2
160	126	7	27	Natural Mixed Pines		7							19		8
40	0	0	40	Northern Hardwood						15			25		
196	162	14	21	Oak		3	11				9		9	4	
39	39	0	0	Planted Mixed Pines											
124	83	0	42	Red Pine						21			20		
11	0	0	11	Tamarack								11			
8	8	0	0	Treed Bog											
15	0	0	15	Upland Conifers									14		1
265	179	53	34	Upland Mixed Forest	12	25	16						32		2
22	0	0	22	Upland Spruce/Fir								10	12		
98	42	0	55	Urban					55						
2	2	0	0	Water											
26	16	4	6	White Pine			4						6		
3,742	2,354	296	1,092	Total Forested Acres	12	46	217	21	260	68	10	557	176	8	14
	63%	8%	29%	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.



## Report 4 – Site Conditions



Site No.	Dominant Site Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable	5E: Long-Term Retention	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
2	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Retention left when Stand #4 was cut							
3	Unavailable	3D: Recreational/scenic values	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Visuals on M-76							
4	Available	5B: Maintain for regeneration purposes	19	5C: Delay treatment for age/size class diversity or exceptional site quality	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	5E: Long-Term Retention	2	3D: Recreational/scenic values	Unspecified	Unspecified	Unspecified
Comments:							



## Report 4 – Site Conditions



7	Unavailable	2F: Too steep	9	5C: Delay treatment for age/size class diversity or exceptional site quality	Unspecified	Unspecified	Unspecified
Comments:							
8	Available	5B: Maintain for regeneration purposes	7	5C: Delay treatment for age/size class diversity or exceptional site quality	Unspecified	Unspecified	Unspecified
Comments:							
9	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	33	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
10	Available	5B: Maintain for regeneration purposes	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
11	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
12	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							



## Report 4 – Site Conditions



13	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	19	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
14	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
15	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	42	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
16	Unavailable	1A: Federal/State/Local Law	260	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Roscommon Conservation airport and it respective cleared boundaries							
17	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	20	Unspecified	Unspecified	Unspecified	Unspecified
Comments: island surrounded by wet terrain, private, and accessed over low-wgt bridge to the north							
18	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	37	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							



## Report 4 – Site Conditions



19	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
20	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	55	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
21	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	12	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
22	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
23	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							



## Report 4 – Site Conditions

Roscommon Mgt. Unit  
Dakota Ewald: Examiner

Compartment: 34  
Year of Entry: 2027



24	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
25	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	362	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
26	Available	2I: Survey needed	12	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
29	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	12	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Checked per SBW analysis							
30	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
31	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							



# Report 4 – Site Conditions

Roscommon Mgt. Unit  
Dakota Ewald: Examiner

Compartment: 34  
Year of Entry: 2027



32	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
33	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
34	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
35	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
36	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
37	Available	5B: Maintain for regeneration purposes	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							



# Report 4 – Site Conditions

Roscommon Mgt. Unit  
Dakota Ewald: Examiner

Compartment: 34  
Year of Entry: 2027



38	Available	5B: Maintain for regeneration purposes	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
39	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
40	Available	5B: Maintain for regeneration purposes	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
41	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
42	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
45	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	13	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							



## Report 4 – Site Conditions



46	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
47	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
49	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	18	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
50	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
51	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							



# Report 4 – Site Conditions

Roscommon Mgt. Unit  
Dakota Ewald: Examiner

Compartment: 34  
Year of Entry: 2027



52	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
54	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
57	Unavailable	5E: Long-Term Retention	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
58	Unavailable	3D: Recreational/scenic values	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
59	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
60	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
61	Available	5G: Research Study	21	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
Has a 5-acre pocket within the stand as a part of a use permit through MSU for a ground flora sampling study.							



# Report 4 – Site Conditions

Roscommon Mgt. Unit  
Dakota Ewald: Examiner

Compartment: 34  
Year of Entry: 2027



62	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
64	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	16	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
65	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
69	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
70	Unavailable	2F: Too steep	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
74	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	81	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
75	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	12	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							



## Report 4 – Site Conditions

Roscommon Mgt. Unit  
Dakota Ewald: Examiner

Compartment: 34  
Year of Entry: 2027



76	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
77	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	23	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	Unspecified	Unspecified	Unspecified
Comments:							
79	Unavailable	2A: Adjacent landowner denied access	68	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	Unspecified	Unspecified	Unspecified
Comments: Small bridge on private that crosses the ausable would not be able to handle logging traffic.							
80	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	58	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							



Mgt. Unit

Compartment: #Type!

Year of Entry:

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

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
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Comments
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																												
1	42260 - Natural Pine, Mixed Deciduous	Sawtimber Well	6.9	108	81-110	N/A	Log sized oak in the overstory that is a bit older. White pine poles and saplings in the understory. Hold stand until the white pine develops further and stand can be treated without causing too much damage.																																												
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>White Oak</td><td>20</td><td></td><td>15</td><td>108</td></tr><tr><td>White Pine</td><td>35</td><td>Seedling</td><td>5</td><td>60</td></tr><tr><td>Bigtooth Aspen</td><td>10</td><td>Seedling</td><td>7</td><td>60</td></tr><tr><td>Red Pine</td><td>35</td><td></td><td>15</td><td>108</td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		White Oak	20		15	108	White Pine	35	Seedling	5	60	Bigtooth Aspen	10	Seedling	7	60	Red Pine	35		15	108	<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>White Pine</td><td>High</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	White Pine	High	10 - 20 feet	10 - 20 feet														
Canopy Species	% Cover	Size Class	DBH	Age																																															
White Oak	20		15	108																																															
White Pine	35	Seedling	5	60																																															
Bigtooth Aspen	10	Seedling	7	60																																															
Red Pine	35		15	108																																															
Sub-Canopy Species	Density	Avg. Height	Size																																																
White Pine	High	10 - 20 feet	10 - 20 feet																																																
2	4130 - Aspen	Sapling Well	12.3	31	51-80	N/A																																													
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Maple</td><td>25</td><td>Sapling</td><td>5</td><td></td></tr><tr><td>Bigtooth Aspen</td><td>70</td><td>Sapling</td><td>6</td><td>31</td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>5</td><td>Pole</td><td>4</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	25	Sapling	5		Bigtooth Aspen	70	Sapling	6	31	Black/Red (Hybrid) Oak	5	Pole	4																															
Canopy Species	% Cover	Size Class	DBH	Age																																															
Red Maple	25	Sapling	5																																																
Bigtooth Aspen	70	Sapling	6	31																																															
Black/Red (Hybrid) Oak	5	Pole	4																																																
3	4126 - White, Black, N. Pin Oak	Sawtimber Medium	8.6	109	81-110	N/A	Mature oak stand that is on the top and north slope of a steep hill. Access would be difficult.																																												
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Pine</td><td>5</td><td></td><td>14</td><td></td></tr><tr><td>Bigtooth Aspen</td><td>15</td><td></td><td>10</td><td></td></tr><tr><td>White Oak</td><td>50</td><td></td><td>14</td><td>109</td></tr><tr><td>White Pine</td><td>5</td><td>Seedling</td><td>5</td><td></td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>20</td><td></td><td>12</td><td>109</td></tr><tr><td>Jack Pine</td><td>5</td><td>Seedling</td><td>9</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Red Pine	5		14		Bigtooth Aspen	15		10		White Oak	50		14	109	White Pine	5	Seedling	5		Black/Red (Hybrid) Oak	20		12	109	Jack Pine	5	Seedling	9		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>White Pine</td><td>Medium</td><td>Variable</td><td>Variable</td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>Low</td><td>Variable</td><td>Variable</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	White Pine	Medium	Variable	Variable	Black/Red (Hybrid) Oak	Low	Variable	Variable
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4	42111 - Planted Red Pine, Mixed Deciduous	Sapling Medium	10.9	11	Immature	N/A	Cut 2014 , trench and re-plant to red pine. Trenched in 2014; red pine planting in 2015.																																												
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5	3302 - Low Density Conifer Trees	None	4.9			No	Stand consists of a power-line ROW and road ROW separated by a thin strip of trees.																																												
6	42220 - Natural Jack Pine	Poletimber Well	2.4	84	81-110	N/A	.																																												
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7	42250 - Pine, Oak	Poletimber Well	13.1	91	51-80	N/A																																													
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments				
8	4126 - White, Black, N. Pin Oak	Sawtimber Medium	27.5	109	1-50	N/A	Steeper terrain in spots. Shelterwood cut in 2014 leaving around 40 SF of white and hybrid oak and scattered red and white pine. Regen is heavy in some areas and a bit more open in others.				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
White Oak		60		14	109	Black/Red (Hybrid) Oak		Medium	Variable	Variable	
Red Pine		5		14		Bigtooth Aspen		Low	Variable	Variable	
White Pine		5	Seedling	5		White Pine		Low	Variable	Variable	
Black/Red (Hybrid) Oak		30		12	109	Red Maple		Medium	Variable	Variable	
						White Oak		High	Variable	Variable	
9	4310 - Pine, Oak Mix	Sawtimber Well	19.2	108	81-110	N/A		Larger overstory oak with pole/sapling sized white pine in the understory. Hold for now to allow understory to develop further.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species			Density	Avg. Height	Size
Bigtooth Aspen		5	Seedling	5	59	Red Maple			Medium	Variable	Variable
Red Maple		10	Seedling	5	59	Pin Cherry			Low	Variable	Variable
Red Pine		25		10	59	White Pine			High	10 - 20 feet	10 - 20 feet
White Oak		10		12	108	White Oak			Low	Variable	Variable
White Pine		25	Seedling	5	45	Witch Hazel			Medium	Variable	Variable
Northern Pin Oak		25		10	108	Northern Pin Oak			Low	Variable	Variable
10	42121 - Planted Jack Pine, Mixed Deciduous	Sapling Well	15.4	9	Immature	N/A	Planted to jack pine in 2016. Oak is the only cover type with jack pine in sub-canopy. Will be a mixed stand so further treatment needed.				
Canopy Species		% Cover	Size Class	DBH	Age						
Jack Pine		80	Log	1	9						
Northern Pin Oak		20	Log	1	9						
11	42220 - Natural Jack Pine	Poletimber Well	17.3	55	81-110	N/A	Old Comment: 2 aged/multi-aged JP stand with scattered oak/RP, some oak where stand is open to west, pockets of J3 scattered thru-out stand and some parts are more open-grown, good amount of oak regeneration in spots, stand was left for visual and to balance age classesTrenched in 2014; INCOMPLETE red pine planting in 2015				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
Black/Red (Hybrid) Oak		10		10		Black/Red (Hybrid) Oak		Medium	Variable	Variable	
Jack Pine		90		9	55						
12	42120 - Planted Jack Pine	Sapling Well	25.7	31	81-110	N/A	jack pine plantation with scattered oak saplings. Stand is a mix of upland and lowland.				
Canopy Species		% Cover	Size Class	DBH	Age						
Jack Pine		85	Pole	4	31						
Black/Red (Hybrid) Oak		15	Pole	2							
13	6225 - Bog	None	9.1			No					
14	42120 - Planted Jack Pine	Sapling Well	22.6	20	Immature	N/A	Planted to jack pine in 2005				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
Black/Red (Hybrid) Oak		10	Log	2	20	Jack Pine		Full			
Jack Pine		90	Log	3	20						
15	622 - Lowland Shrub	None	9.6			No	Flood plain of Hudson creek.				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
16	6120 - Lowland Cedar	Poletimber Well	3.9	136	81-110	N/A	Mix of swamp hardwoods overtopping swamp conifers and tagalder/balsam fir in the sub-canopy, wet stand in the the floodplain of Hudson Creek, east lobe is heavier to hardwoods than the west lobe, both lobes are separated by an intermittent stream flowing into Hudson Creek, HCVA = PART OF THIS STAND IS WITHIN THE BUFFER ZONE FOR A NATURAL RIVER (TRIBUTARY)		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Balsam Fir	10	Seedling	7		Tag Alder	Medium		5 - 10 feet	5 - 10 feet
Northern White Cedar	50	Seedling	6	136	Balsam Fir	Medium		Variable	Variable
Paper Birch	20	Seedling	7						
Red Maple	20	Seedling	8						
17	42110 - Planted Red Pine	Sawtimber Well	3.7	78	141-170	N/A	west of Deep Woods road thinned in 1988, east of Deep Woods Road thinned in 1998.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Red Pine	100		14	78	Jack Pine	Low		Variable	Variable
					Black/Red (Hybrid) Oak	Low		Variable	Variable
					Balsam Fir	Low		Variable	Variable
					Red Pine	Low		Variable	Variable
18	42121 - Planted Jack Pine, Mixed Deciduous	Sapling Well	43.2	35	51-80	N/A	Pole sized jack pine stand. Scattered islands of older jack were left along M-76 for visuals when it was cut		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Jack Pine	70		5	35	Black/Red (Hybrid) Oak	Low		5 - 10 feet	5 - 10 feet
White Oak	5	Pole	4						
Black/Red (Hybrid) Oak	25	Pole	4						
19	4122 - Oak, Pine	Sawtimber Medium	4.0	116	1-50	N/A	small triangular stand left as buffer for cut to the south, decadent oak and jack pine but filling in nicely with a mix of conifer saplings, lots of jack pine blow-down, maintain as a buffer and let oak/JP over-story break-up naturally as stand is too small to bother with, oak/JP are poor quality, and conifers in the under-story are doing well		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Black/Red (Hybrid) Oak	65		17	116	Red Pine	Low		5 - 10 feet	5 - 10 feet
Red Pine	1	Seedling	5		Balsam Fir	Low		Variable	Variable
White Pine	1	Seedling	5		White Pine	Medium		10 - 20 feet	10 - 20 feet
White Oak	3		15		Jack Pine	Medium		10 - 20 feet	10 - 20 feet
Jack Pine	30		11						
20	42121 - Planted Jack Pine, Mixed Deciduous	Poletimber Well	33.0	47	81-110	N/A	Pole sized jack pine with scattered oak transitioning to J6. Leave stand until next entry to allow stand to put on growth.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Jack Pine	80		7	47	Jack Pine	Low		Variable	Variable
White Oak	5		5		Black/Red (Hybrid) Oak	Low		Variable	Variable
Black/Red (Hybrid) Oak	15		5		White Oak	Low	Variable	Variable	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																	
21	4199 - Other Mixed Upland Deciduous	Sapling Medium	14.8	24	1-50	N/A	Removed aspen, jack pine, and maple in Fall 2000, Shelterwood cut in Fall 2010, mostly log sized oak left. Leave for now to allow regen to develop further.																																																																	
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22	4130 - Aspen	Sapling Well	5.7	24	51-80	N/A	Nice A3 clone at the top of the ridge, regenerated in 2001, bulk of stand is A3 but there are a few spots which are sparser																																																																	
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23	42121 - Planted Jack Pine, Mixed Deciduous	Sapling Well	38.5	22	Immature	N/A	planted to JP in 2003 after cutting in 2001																																																																	
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24	4126 - White, Black, N. Pin Oak	Sapling Well	26.4	24	Immature	N/A	Cut 2001 with adjacent stands but much less jack pine than both these other stands, also more white oak. The east part burned in a wildfire 10 to 20 years ago.																																																																	
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25	42121 - Planted Jack Pine, Mixed Deciduous	Sapling Well	4.4	27	Immature	N/A	Cut and regenerated with stand to the south in 71039 (Stands 10/15) in 1998, planted JP and natural oak																																																																	
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments				
26	4199 - Other Mixed Upland Deciduous	Poletimber Well	4.8	102	81-110	N/A	Oak /Aspen stand near the top of a ridge, mostly oak to the north and aspen to the south. Difficult access due to steeper terrain and no existing roads. Stand is in good shape and should hold for a while.				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
Bigtooth Aspen		28		8	60	Witch Hazel		Low	5 - 10 feet	5 - 10 feet	
Red Maple		25	Seedling	7	60	White Oak		Low	< 5 feet	< 5 feet	
White Pine		2	Seedling	7							
Black/Red (Hybrid) Oak		30		14	102						
White Oak		15		13	102						
27	4125 - Black, N. Pin Oak	Sapling Medium	20.5	24	Immature	N/A	Cut 2001 to 4" spec and allowed to regenerate naturally, stand mostly oak saps from stump sprouts/seedling origin with some JP saps but has a few scattered pole size trees also				
Canopy Species		% Cover	Size Class	DBH	Age						
Quaking Aspen		5	Log	2							
White Oak		15	Log	2	24						
Red Maple		5	Log	2							
Black/Red (Hybrid) Oak		50	Pole	3	24						
Jack Pine		25	Pole	3	24						
28	42121 - Planted Jack Pine, Mixed Deciduous	Sapling Well	36.8	41	51-80	N/A	CUT TO 4" IN 1984 (OR WILDFIRE) AND THEN PLANTED WHICH CREATED A 2 AGED STAND, NOW LOGSIZE AND SOME POLE/SAP SIZE JACK PINE. Hold and allow stand to put on growth.				
Canopy Species		% Cover	Size Class	DBH	Age						
Black/Red (Hybrid) Oak		20	Pole	3							
Jack Pine		80		6	41						
29	6225 - Bog	None	2.9			No					
30	42120 - Planted Jack Pine	Poletimber Well	18.6	47	51-80	N/A	Pole sized Jack pine with a lot of saplings mixed in. Hold and allow stand to put on growth.				
Canopy Species		% Cover	Size Class	DBH	Age						
Jack Pine		85	Sapling	6	47						
Black/Red (Hybrid) Oak		15	Pole	4	47						
31	42120 - Planted Jack Pine	Sapling Well	19.6	35	1-50	N/A	J3 planted 1990				
Canopy Species		% Cover	Size Class	DBH	Age						
Jack Pine		85	Log	2	35						
Red Pine		2	Seedling	6							
Black/Red (Hybrid) Oak		11	Log	2							
White Pine		2	Seedling	5							
32	4310 - Pine, Oak Mix	Sapling Well	14.4	35	81-110	N/A	Planted in 1990, scattered oak saps and poles also, north end is heavier to hardwoods				
Canopy Species		% Cover	Size Class	DBH	Age						
Jack Pine		50	Sapling	5	35						
Red Maple		5	Pole	3							
Black/Red (Hybrid) Oak		30	Pole	3							
Quaking Aspen		15	Pole	3							



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																															
33	42121 - Planted Jack Pine, Mixed Deciduous	Sapling Well	23.5	35	51-80	N/A	Jack pine planted in 1990, scattered oak saps and poles also, north end is heavier to hardwoods																																																															
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Jack Pine</td><td>75</td><td>Sapling</td><td>5</td><td>35</td></tr><tr><td>Red Maple</td><td>2</td><td>Pole</td><td>3</td><td></td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>15</td><td>Pole</td><td>3</td><td></td></tr><tr><td>Quaking Aspen</td><td>8</td><td>Pole</td><td>3</td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Jack Pine	75	Sapling	5	35	Red Maple	2	Pole	3		Black/Red (Hybrid) Oak	15	Pole	3		Quaking Aspen	8	Pole	3																																							
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Quaking Aspen	8	Pole	3																																																																			
34	42250 - Pine, Oak	Sapling Medium	39.8	16	Immature	N/A	Cut summer 2009 to 4" Spec, left some oak and R/W pine SL's																																																															
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Pine</td><td>5</td><td>Seedling</td><td>5</td><td></td></tr><tr><td>Jack Pine</td><td>50</td><td>Log</td><td>1</td><td>16</td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>30</td><td>Log</td><td>1</td><td>16</td></tr><tr><td>White Pine</td><td>10</td><td>Seedling</td><td>5</td><td></td></tr><tr><td>White Oak</td><td>5</td><td>Log</td><td>1</td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Red Pine	5	Seedling	5		Jack Pine	50	Log	1	16	Black/Red (Hybrid) Oak	30	Log	1	16	White Pine	10	Seedling	5		White Oak	5	Log	1																																		
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White Pine	10	Seedling	5																																																																			
White Oak	5	Log	1																																																																			
35	6233 - Wet Meadow	None	1.4			No																																																																
37	42221 - Natural Jack Pine, Mixed Deciduous	Sapling Medium	41.5	24	Immature	N/A	Cut 2000 with a 4" Spec and left to regenerate naturally, also scattered red and white pine poles were left. Stand is still somewhat open.																																																															
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>White Pine</td><td>2</td><td>Seedling</td><td>5</td><td></td></tr><tr><td>Red Maple</td><td>2</td><td>Log</td><td>2</td><td></td></tr><tr><td>Red Pine</td><td>2</td><td>Seedling</td><td>5</td><td></td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>25</td><td>Log</td><td>2</td><td></td></tr><tr><td>Jack Pine</td><td>65</td><td>Pole</td><td>3</td><td>24</td></tr><tr><td>Quaking Aspen</td><td>3</td><td>Log</td><td>2</td><td></td></tr><tr><td>White Oak</td><td>1</td><td>Seedling</td><td>5</td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	White Pine	2	Seedling	5		Red Maple	2	Log	2		Red Pine	2	Seedling	5		Black/Red (Hybrid) Oak	25	Log	2		Jack Pine	65	Pole	3	24	Quaking Aspen	3	Log	2		White Oak	1	Seedling	5																								
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38	42121 - Planted Jack Pine, Mixed Deciduous	Poletimber Well	41.8	47	51-80	N/A	Planted 1978, jack pine is approaching pole-size, oak came in later and is a bit smaller. Hold for at least one more entry to allow stand to put on growth.																																																															
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Jack Pine</td><td>80</td><td>Sapling</td><td>5</td><td>47</td><td>White Oak</td><td>Trace</td><td>Variable</td><td>Variable</td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>20</td><td>Pole</td><td>3</td><td></td><td>Black/Red (Hybrid) Oak</td><td>Low</td><td>Variable</td><td>Variable</td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	Jack Pine	80	Sapling	5	47	White Oak	Trace	Variable	Variable	Black/Red (Hybrid) Oak	20	Pole	3		Black/Red (Hybrid) Oak	Low	Variable	Variable																																				
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Black/Red (Hybrid) Oak	20	Pole	3		Black/Red (Hybrid) Oak	Low	Variable	Variable																																																														
39	42250 - Pine, Oak	Sapling Medium	7.3	10	1-50	N/A	Stand was final harvested in the spring 2015. Marked some oak and red pine for mast and visual. Left all oak 5 inches an under also.																																																															
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Red Pine</td><td>10</td><td></td><td>10</td><td></td><td>Northern Pin Oak</td><td>Medium</td><td>&gt;20 feet</td><td>&gt;20 feet</td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>30</td><td>Pole</td><td>4</td><td>10</td><td>Red Pine</td><td>Trace</td><td>&gt;20 feet</td><td>&gt;20 feet</td></tr><tr><td>Red Pine</td><td>30</td><td>Log</td><td>1</td><td>10</td><td>Pin Cherry</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>Jack Pine</td><td>15</td><td>Log</td><td>1</td><td>10</td><td></td><td></td><td></td><td></td></tr><tr><td>Balsam Fir</td><td>10</td><td>Log</td><td>1</td><td>10</td><td></td><td></td><td></td><td></td></tr><tr><td>White Pine</td><td>5</td><td>Log</td><td>1</td><td>10</td><td></td><td></td><td></td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	Red Pine	10		10		Northern Pin Oak	Medium	>20 feet	>20 feet	Black/Red (Hybrid) Oak	30	Pole	4	10	Red Pine	Trace	>20 feet	>20 feet	Red Pine	30	Log	1	10	Pin Cherry	Low	Variable	Variable	Jack Pine	15	Log	1	10					Balsam Fir	10	Log	1	10					White Pine	5	Log	1	10				
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments			
40	122 - Road/Parking Lot	None	3.3			Yes	M-18			
41	42220 - Natural Jack Pine	Sawtimber Well	5.5	87	111-140	N/A	Mixed stand along M-18. Poor quality in all species but can hold another ten years for visual along stand 5.			
<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		2		9		Red Pine		Low	5 - 10 feet	5 - 10 feet
Jack Pine		65		9	87	Jack Pine		Medium	5 - 10 feet	5 - 10 feet
Northern Pin Oak		15	Seedling	8		Northern Pin Oak		Low	5 - 10 feet	5 - 10 feet
Red Pine		18	Seedling	8						
42	42111 - Planted Red Pine, Mixed Deciduous	Sapling Well	38.2	16	Immature	N/A	Stand was final harvested in the winter 2007/2008. It was trenched and planted to red pine in spring 2009. There is good oak natural regeneration also,			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>		<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Jack Pine		10	Log	2		Northern Pin Oak		Medium		
Black/Red (Hybrid) Oak		20	Pole	3		Red Pine		Full		
Red Pine		70	Log	2	16					
43	3301 - Low Density Deciduous Trees	None	1.7			No	This is an old gravel pit with near vertical walls that are 30 feet tall.			
<b>Sub-Canopy Species</b>		<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>						
Northern Pin Oak		Low	10 - 20 feet	10 - 20 feet						
44	42220 - Natural Jack Pine	Poletimber Well	5.9	87	81-110	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/Red (Hybrid) Oak		20		10		Jack Pine		Medium	5 - 10 feet	5 - 10 feet
White Pine		5		10		Northern Pin Oak		Medium	10 - 20 feet	10 - 20 feet
Jack Pine		70		9	87	White Pine		Low	5 - 10 feet	5 - 10 feet
Red Pine		5	Seedling	5						
45	4122 - Oak, Pine	Sawtimber Medium	8.4	98	51-80	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>
Jack Pine		20		7		Black/Red (Hybrid) Oak		Low	5 - 10 feet	5 - 10 feet
Black/Red (Hybrid) Oak		70		12	98	Red Pine		Low	5 - 10 feet	5 - 10 feet
Red Pine		10		9		White Pine		Low	5 - 10 feet	5 - 10 feet
46	122 - Road/Parking Lot	None	1.1			No	Tisdale cross-country ski trail parking lot.			
48	4191 - Mixed Upland Deciduous with Conifer	Sapling Well	13.3	11	Immature	N/A	Stand final harvested spring 2015. Was trenched and planted to red pine 2016, FTP C71-945. The natural regeneration has come back very well. Is a mixed stand. With the the urban interface, best not to release spray. Let the stand's objective be mixed.			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>					
Red Maple		30	Log	1	11					
Pin Cherry		10	Log	1						
Black/Red (Hybrid) Oak		30	Log	1	11					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
<b>50</b>	4130 - Aspen	Sapling Well	6.7	17	Immature	N/A	Good aspen regeneration. Was harvested in the winter 2007/2008.
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>		
White Pine		10	Pole	3			
Quaking Aspen		80	Log	2	17		
Black/Red (Hybrid) Oak		10	Pole	2	17		
<b>51</b>	4310 - Pine, Oak Mix	Sapling Well	22.3	10	Immature	N/A	Stand was treated in the spring 2015. Removed all species to 2 inch except the oaks. Left all white oaks and marked 10-20 basal area of large wolfy pin oaks for mast, seeding, and visual.
<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>
Black/Red (Hybrid) Oak		15		10	108	Northern Pin Oak	Low
White Pine		5	Log	2			
Jack Pine		35	Log	2	10		
Red Pine		5	Pole	3			
Black/Red (Hybrid) Oak		40	Log	2	10		
<b>53</b>	4191 - Mixed Upland Deciduous with Conifer	Sapling Medium	1.0	10	Immature	N/A	Stand was final harvest leaving all red pine and oaks five inches or less. Have some good pockets of oak regeneration already along with red maple.
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>		
Black/Red (Hybrid) Oak		15	Log	2			
White Pine		35	Log	2	10		
Red Maple		50	Log	2	10		
<b>54</b>	4310 - Pine, Oak Mix	Sawtimber Medium	16.2	98	81-110	N/A	There is heavy white pine regeneration in the understory. The overstory consists of white pine and mature pin oak. The west end of stand is thinner in canopy and has white spruce regen.
<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>
Jack Pine		20		9		White Spruce	Medium
White Pine		30		9		Northern Pin Oak	Low
Red Pine		8		12		White Pine	High
Black/Red (Hybrid) Oak		42		12	98	Jack Pine	Low
<b>55</b>	42141 - Planted Mixed Pine, Mixed Deciduous	Sapling Well	11.8	28	Immature	N/A	Trenched and planted in 1997 to red pine. The red pine survival was marginal on this site. Heavy natural jack pine regeneration came back giving a good mix of species. Scattered log sized oak were also left.
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>		
Northern Pin Oak		28		5			
Jack Pine		40	Pole	2	28		
White Pine		2	Log	1	28		
Red Pine		30	Pole	2	28		
<b>56</b>	6117 - Lowland Deciduous, Mixed Coniferous	Sawtimber Poor	1.8	118	81-110	N/A	Lowland maple stand with a mix of conifers. Overstory is dieing out in places. Allow stand to transition on its own. Old railroad grade bisects stand.
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>
Red Maple		45		12	118	Balsam Fir	High
Quaking Aspen		15		8		Tag Alder	Medium
Balsam Fir		30		7		Red Maple	Medium
White Pine		10		8			



Stand	Level 4 Cover Type	Size	Density	Acres	Stand Age	BA Range	Managed Site	General Comments	
57	4122 - Oak, Pine	Sapling	Well	13.4	17	Immature	N/A	Good oak regeneration from both acorn and stump sprouting. Stand was final harvested in the winter 2007/2008.	
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height		Size
Jack Pine	25	Log	2		Jack Pine	Medium			
Black/Red (Hybrid) Oak	65	Log	2	17	White Pine	Low			
White Pine	10	Sapling	5		Northern Pin Oak	High			
59	4310 - Pine, Oak Mix	Sapling	Medium	25.7	10	Immature	N/A	Stand treated in the Spring 2015. Had good oak regeneration already started with some jack pine also.	
Canopy Species	% Cover	Size Class	DBH	Age					
Black/Red (Hybrid) Oak	50	Log	2	10					
Jack Pine	50	Log	2	10					
60	42220 - Natural Jack Pine	Poletimber	Well	13.2	97	81-110	N/A		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height		Size
Black/Red (Hybrid) Oak	5		10		Jack Pine	Low	5 - 10 feet		5 - 10 feet
Jack Pine	75		8	97	Red Pine	Medium	5 - 10 feet		5 - 10 feet
Red Pine	20		9		Northern Pin Oak	Low	5 - 10 feet		5 - 10 feet
61	42220 - Natural Jack Pine	Poletimber	Poor	3.7	44	1-50	N/A	Site was an old gravel pit that was receiving illegal ORV and large truck traffic hill climbing. In the spring of 2015 the side slopes were pushed down and area leveled out more. Jack pine tops were then brought in and scattered from an adjacent timber sale.	
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height		Size
Quaking Aspen	15	Seedling	6		Quaking Aspen	Low	5 - 10 feet		5 - 10 feet
Jack Pine	75	Seedling	6	44	Northern Pin Oak	Low	5 - 10 feet		5 - 10 feet
Northern Pin Oak	10	Seedling	6		Jack Pine	Low	5 - 10 feet		5 - 10 feet
62	42220 - Natural Jack Pine	Poletimber	Medium	21.1	97	81-110	N/A		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height		Size
Red Pine	3	Seedling	9		Jack Pine	Low	< 5 feet		< 5 feet
Black/Red (Hybrid) Oak	12		11		Black/Red (Hybrid) Oak	Medium	5 - 10 feet		5 - 10 feet
Jack Pine	85		9	97					
63	42250 - Pine, Oak	Sapling	Medium	1.9	17	1-50	N/A	This site was final harvest in the winter 2007/2008 and has poor natural regeneration. It was supposed to have been trenched and planted to red pine with stand 5 but was overlooked. It was approved at Compartment Review to be trenched and plant to red pine. Site visit in May 2015 shows the site to be stocked enough naturally that it does not need to be planted.	
Canopy Species	% Cover	Size Class	DBH	Age					
Northern Pin Oak	40	Pole	4	17					
Jack Pine	60	Pole	4	17					
64	42210 - Natural Red Pine	Poletimber	Medium	10.6	68	81-110	N/A	All the jack pine and oak was removed in 2008. The basal areas/size does not warrent any treatment.	
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height		Size
Red Pine	98		9	68	Northern Pin Oak	Low	5 - 10 feet		5 - 10 feet
Northern Pin Oak	2	Sapling	6		Red Pine	Medium	10 - 20 feet		10 - 20 feet



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																									
65	42250 - Pine, Oak	Sawtimber Medium	2.2	101	51-80	N/A	Even mix of both oak and jack pine but on the slightly sparser side.																																									
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Black/Red (Hybrid) Oak</td><td>40</td><td></td><td>11</td><td>101</td></tr><tr><td>Red Pine</td><td>20</td><td></td><td>12</td><td></td></tr><tr><td>Jack Pine</td><td>40</td><td></td><td>9</td><td></td></tr></table>			Canopy Species	% Cover	Size Class	DBH	Age	Black/Red (Hybrid) Oak	40		11	101	Red Pine	20		12		Jack Pine	40		9		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Black/Red (Hybrid) Oak</td><td>Medium</td><td>&lt; 5 feet</td><td>&lt; 5 feet</td></tr><tr><td>Jack Pine</td><td>Low</td><td>&lt; 5 feet</td><td>&lt; 5 feet</td></tr><tr><td>Red Pine</td><td>Low</td><td>&lt; 5 feet</td><td>&lt; 5 feet</td></tr></table>				Sub-Canopy Species	Density	Avg. Height	Size	Black/Red (Hybrid) Oak	Medium	< 5 feet	< 5 feet	Jack Pine	Low	< 5 feet	< 5 feet	Red Pine	Low	< 5 feet	< 5 feet						
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66	4310 - Pine, Oak Mix	Sapling Poor	6.3	29	81-110	N/A	Was harvested, trenched, and replanted to red pine in 1996 but failed. The regeneration is good but it is an even mix of jack pine and oak. Can't discern it was a plantation except for some areas where the red pine are in rows for a short distance. The jack pine grew back into the trenches thick in spots. Some scattered pole sized red pine and oak left post harvest.																																									
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>White Pine</td><td>5</td><td></td><td>3</td><td>29</td></tr><tr><td>Northern Pin Oak</td><td>45</td><td></td><td>6</td><td>29</td></tr><tr><td>Red Pine</td><td>35</td><td></td><td>6</td><td>29</td></tr><tr><td>Jack Pine</td><td>15</td><td></td><td>3</td><td>29</td></tr></table>			Canopy Species	% Cover	Size Class	DBH		Age	White Pine	5		3	29	Northern Pin Oak	45		6	29	Red Pine	35		6	29	Jack Pine	15		3	29	<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Pin Cherry</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>Medium</td><td>Variable</td><td>Variable</td></tr></table>				Sub-Canopy Species	Density	Avg. Height	Size	Pin Cherry	Low	Variable	Variable	Black/Red (Hybrid) Oak	Medium	Variable	Variable				
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Black/Red (Hybrid) Oak	Medium	Variable	Variable																																													
67	4310 - Pine, Oak Mix	Sapling Well	1.7	10	Immature	N/A	Stand harvest in spring 2015. All species removed. Oak harvested down to 5 inches. Some good oak regeneration already started.																																									
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68	42250 - Pine, Oak	Sapling Medium	23.6	20	1-50	N/A	Stand was harvested in the spring of 2005. Mixed stand in fair condition with more oak in the sub-canopy.																																									
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69	4310 - Pine, Oak Mix	Poletimber Medium	4.9	88	81-110	N/A	Sparse mixed stand predominantly jack pine with oak. Lot of dead oak in the overstory but good in the understory.																																									
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75	42220 - Natural Jack Pine	Sapling Well	22.2	29	1-50	N/A	Seed tree harvested in 1996. It was then trenched and planted to red pine but failed. Leave the remaining overstory oak because removal would cause too much damage to the regeneration. Mostly jack pine and oak now with a few red pine that survived.																																									
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76	4122 - Oak, Pine	Sapling Well	45.2	10	Immature	N/A	Stand harvested in the Spring 2015 removing all species. There is some jack pine regeneration but more oak.																																									
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
77	42220 - Natural Jack Pine	Poletimber Well	29.8	79	81-110	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/Red (Hybrid) Oak		15		10		Northern Pin Oak	Medium	Variable	Variable
Jack Pine		85	Seedling	8	79	Jack Pine	Low	< 5 feet	< 5 feet
78	110 - Low Intensity Urban	None	2.0			No	Gardiner Road		
79	42120 - Planted Jack Pine	Sapling Well	89.7	9	Immature	N/A	Stand was harvested in the spring of 2015 and planted that following summer. Stand should be planted to jack pine in 2016. The Tisdale ski trail loops through the stand.		
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>				
Black/Red (Hybrid) Oak		5	Log	1					
Jack Pine		95	Log	1	9				
80	42121 - Planted Jack Pine, Mixed Deciduous	Sapling Well	4.4	17	Immature	N/A	Stand was harvested leaving all oak and pine under 4" and theen was plated with jack pine. There is also some oak stump sprouts present.		
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>				
Northern Pin Oak		25	Pole	2					
Jack Pine		75	Pole	2	17				
81	42121 - Planted Jack Pine, Mixed Deciduous	Sapling Well	22.6	30	51-80	N/A			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>				
Black/Red (Hybrid) Oak		30	Sapling	5					
Jack Pine		70	Sapling	5	30				
82	42120 - Planted Jack Pine	Sapling Well	22.6	31	51-80	N/A	Plantation with oak sprouts mixed in along with some older supercanopy oak.		
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>				
Northern Pin Oak		2		10					
Northern Pin Oak		5	Log	2					
Jack Pine		93	Pole	4	31				
83	42120 - Planted Jack Pine	Sapling Well	8.4	17	81-110	N/A	Stand was harvested leaving all oak and pine under 4" and then was planted with jack pine. There is also some oak stump sprouts present.		
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>				
Jack Pine		85	Pole	3	17				
Northern Pin Oak		15	Pole	3					
84	42120 - Planted Jack Pine	Sapling Well	23.5	31	51-80	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/Red (Hybrid) Oak		10		6		Black/Red (Hybrid) Oak	Low	5 - 10 feet	5 - 10 feet
Jack Pine		82	Sapling	6	31	Jack Pine	Low	5 - 10 feet	5 - 10 feet
Red Pine		8		9					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																
85	42120 - Planted Jack Pine	Sapling Well	7.1	31	1-50	N/A																																	
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Jack Pine	95	Pole	4	31																																			
86	42120 - Planted Jack Pine	Sapling Medium	19.1	17	Immature	N/A	Stand was harvested leaving all oak and pine under 4" and then was planted with jack pine. There is also some oak stump sprouts present.																																
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87	42120 - Planted Jack Pine	Sapling Well	21.3	31	81-110	N/A																																	
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89	42220 - Natural Jack Pine	Sapling Well	11.9	31	81-110	N/A																																	
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90	42120 - Planted Jack Pine	Sapling Poor	20.2	17	Immature	N/A	Stand was harvested leaving all oak and pine under 4" and theen was plated with jack pine. There is also some oak stump sprouts present.																																
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91	42110 - Planted Red Pine	Sapling Well	19.3	16	Immature	N/A																																	
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92	42250 - Pine, Oak	Sawtimber Medium	40.8	94	81-110	N/A																																	
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93	42220 - Natural Jack Pine	Sapling Medium	17.0	17	Immature	N/A	Have a good carpet of jack pine seedlings mixed in with large saplings.																																
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Stand	Level 4 Cover Type	Size Density			Acres	Stand Age	BA Range	Managed Site	General Comments																																				
94	42121 - Planted Jack Pine, Mixed Deciduous	Sapling Well			12.3	29	1-50	N/A	Stand was harvested, trenched, and planted to red pine in 1996 but failed. Very little of red pine survived. Came back good to jack pine and oak naturally. An old railroad grade bisects the stand and has been built up over 20 feet above the ground level. When they harvested they left the trees on the railroad grade sides to help it not to erode.																																				
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95	42250 - Pine, Oak	Poletimber Medium			20.4	84	81-110	N/A	More open stand with better oak and pine regeneration in sapling and pole sizes.																																				
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96	4122 - Oak, Pine	Sapling Well			17.9	17	Immature	N/A	Good oak regenration coming back by acorn and stump sprouting. Was final harvested in the winter 20007/2008.																																				
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White Pine	Low																																												
97	4310 - Pine, Oak Mix	Sapling Medium			12.0	20	1-50	N/A	Stand was final harvested in spring in 2005. The oak regeneration is heavier in both canopy and sub-canopy. Will be a good mixed stand.																																				
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Jack Pine</td><td>35</td><td>Pole</td><td>4</td><td></td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>55</td><td>Sapling</td><td>5</td><td>20</td></tr><tr><td>Red Pine</td><td>10</td><td>Pole</td><td>2</td><td></td></tr></table>					Canopy Species	% Cover	Size Class	DBH		Age	Jack Pine	35	Pole	4		Black/Red (Hybrid) Oak	55	Sapling	5	20	Red Pine	10	Pole	2																					
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98	42290 - Natural Mixed Pine	Sawtimber Medium			2.4	101	81-110	N/A	Mix of red pine and jack pine. Jack pine is starting to die out. Leave stand for diversity and visual along the ski trail.																																				
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Pine</td><td>51</td><td></td><td>12</td><td>101</td></tr><tr><td>Jack Pine</td><td>49</td><td></td><td>9</td><td></td></tr></table>					Canopy Species	% Cover	Size Class	DBH		Age	Red Pine	51		12	101	Jack Pine	49		9		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Balsam Fir</td><td>Medium</td><td>&gt;20 feet</td><td>&gt;20 feet</td></tr><tr><td>Red Pine</td><td>Low</td><td>&gt;20 feet</td><td>&gt;20 feet</td></tr><tr><td>Red Maple</td><td>High</td><td>&gt;20 feet</td><td>&gt;20 feet</td></tr></table>				Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Medium	>20 feet	>20 feet	Red Pine	Low	>20 feet	>20 feet	Red Maple	High	>20 feet	>20 feet					
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99	4310 - Pine, Oak Mix	Sapling Well			8.3	28	1-50	N/A	Large sawlog sized oaks left post harvest. Both the oak and jack pine regeneration is good. Fairly even mix. Seeded with jack pine in 1997.																																				
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Jack Pine</td><td>55</td><td></td><td>3</td><td>28</td></tr><tr><td>Northern Pin Oak</td><td>43</td><td>Pole</td><td>3</td><td>28</td></tr><tr><td>Northern Pin Oak</td><td>2</td><td></td><td>11</td><td></td></tr></table>					Canopy Species	% Cover	Size Class	DBH		Age	Jack Pine	55		3	28	Northern Pin Oak	43	Pole	3	28	Northern Pin Oak	2		11		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Northern Pin Oak</td><td>Medium</td><td>&lt; 5 feet</td><td>&lt; 5 feet</td></tr><tr><td>Jack Pine</td><td>Medium</td><td>&lt; 5 feet</td><td>&lt; 5 feet</td></tr></table>				Sub-Canopy Species	Density	Avg. Height	Size	Northern Pin Oak	Medium	< 5 feet	< 5 feet	Jack Pine	Medium	< 5 feet	< 5 feet				
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100	42220 - Natural Jack Pine	Sapling Well			16.0	15	Immature	N/A	Stand was final harvested and had the tops spread on the pine/conifer and not chipped. Tried to get natural seeding from the cones. If regeneration fails, plant jack pine.																																				
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>White Spruce</td><td>5</td><td>Log</td><td>2</td><td></td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>15</td><td>Log</td><td>2</td><td></td></tr><tr><td>Jack Pine</td><td>75</td><td>Log</td><td>2</td><td>15</td></tr><tr><td>Pin Cherry</td><td>5</td><td>Log</td><td>2</td><td></td></tr></table>					Canopy Species	% Cover	Size Class	DBH		Age	White Spruce	5	Log	2		Black/Red (Hybrid) Oak	15	Log	2		Jack Pine	75	Log	2	15	Pin Cherry	5	Log	2																
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																
101	4310 - Pine, Oak Mix	Sapling Well	22.3	28	51-80	N/A	Good regeneration that was seeded with jack pine in 1997. There is supercanopy oaks left from the harvest that are starting to die. There was a high percentage left but damages caused to the understory by trying to remove them far out weighs the benefit of their removal.																																																
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102	4319 - Mixed Upland Forest	Poletimber Well	11.7	105	81-110	N/A	Diverse stand in the pole size class with thick understory regeneration. Predominantly balsam fir.																																																
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Maple</td><td>20</td><td></td><td>8</td><td></td></tr><tr><td>Northern Pin Oak</td><td>25</td><td></td><td>12</td><td>105</td></tr><tr><td>Balsam Fir</td><td>20</td><td></td><td>8</td><td></td></tr><tr><td>White Pine</td><td>5</td><td>Seedling</td><td>8</td><td></td></tr><tr><td>Quaking Aspen</td><td>5</td><td>Seedling</td><td>8</td><td></td></tr><tr><td>Jack Pine</td><td>25</td><td></td><td>9</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Red Maple	20		8		Northern Pin Oak	25		12	105	Balsam Fir	20		8		White Pine	5	Seedling	8		Quaking Aspen	5	Seedling	8		Jack Pine	25		9		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Red Maple</td><td>Low</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>White Pine</td><td>Low</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Balsam Fir</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Low	10 - 20 feet	10 - 20 feet	White Pine	Low	10 - 20 feet	10 - 20 feet	Balsam Fir	Medium	10 - 20 feet	10 - 20 feet
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Balsam Fir	Medium	10 - 20 feet	10 - 20 feet																																																				
104	6124 - Lowland Spruce-Fir	Poletimber Medium	4.0	55	81-110	N/A	Mixed lowland conifer stand with a smal amount of deciduous.																																																
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>White Pine</td><td>10</td><td></td><td>14</td><td></td></tr><tr><td>Paper Birch</td><td>10</td><td></td><td>8</td><td></td></tr><tr><td>Black Spruce</td><td>30</td><td></td><td>8</td><td>55</td></tr><tr><td>Balsam Fir</td><td>25</td><td></td><td>7</td><td></td></tr><tr><td>Northern White Cedar</td><td>20</td><td></td><td>8</td><td></td></tr><tr><td>Red Maple</td><td>5</td><td></td><td>6</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		White Pine	10		14		Paper Birch	10		8		Black Spruce	30		8	55	Balsam Fir	25		7		Northern White Cedar	20		8		Red Maple	5		6		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Tag Alder</td><td>Medium</td><td>Variable</td><td>Variable</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Medium	Variable	Variable								
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Tag Alder	Medium	Variable	Variable																																																				
105	622 - Lowland Shrub	None	38.8			No	Flood plain of the South Branch AuSable River.																																																
106	6131 - Hemlock, White Pine, Maple, Birch	Poletimber Well	3.3	100	111-140	N/A	Very mixed stand with poorly drained soils. Leave for diversity/buffer along the river.																																																
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Black Ash</td><td>15</td><td>Seedling</td><td>5</td><td></td></tr><tr><td>Red Maple</td><td>35</td><td>Seedling</td><td>8</td><td></td></tr><tr><td>Northern Pin Oak</td><td>5</td><td>Seedling</td><td>8</td><td></td></tr><tr><td>White Pine</td><td>45</td><td>Seedling</td><td>7</td><td>100</td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Black Ash	15	Seedling	5		Red Maple	35	Seedling	8		Northern Pin Oak	5	Seedling	8		White Pine	45	Seedling	7	100	<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Tag Alder</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Balsam Fir</td><td>High</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Low	5 - 10 feet	5 - 10 feet	Balsam Fir	High	5 - 10 feet	5 - 10 feet														
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107	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Medium	17.9	53	Unspecified	N/A																																																	
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																			
108	42260 - Natural Pine, Mixed Deciduous	Sapling Medium	7.8	10	1-50	N/A	Stand treated in the spring 2015. Left some oak for mast, seeding, and visual. Also marked to leave super-canopy red and white pines for diversity and visual. Will not impact regeneration by shading.																																																			
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109	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	2.9	101	111-140	N/A	Stand could be treated but it is landlocked for treatment by a large drainage ditch the Village of Roscommon has leading from their sewage lagoons north towards the Au Sable River.																																																			
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110	42200 - Natural White Pine	Sawtimber Well	6.2	100	141-170	N/A	Nice white pine stand, could be thinned but access would be difficult.																																																			
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111	429 - Mixed Upland Conifers	Poletimber Medium	5.3	100	81-110	N/A	Mix of upland and lowland, access would be difficult																																																			
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112	4119 - Mixed Northern Hardwoods	Poletimber Medium	12.9	101	81-110	N/A																																																				
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																	
113	42220 - Natural Jack Pine	Poletimber Well	3.9	79	51-80	N/A	Thin strip of jack pine that was left as buffer fo stand to the south. Along M-18																																																	
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Jack Pine</td><td>95</td><td></td><td>8</td><td>79</td></tr><tr><td>Northern Pin Oak</td><td>5</td><td></td><td>10</td><td></td></tr></table>			Canopy Species	% Cover	Size Class	DBH	Age	Jack Pine	95		8	79	Northern Pin Oak	5		10		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Northern Pin Oak</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>				Sub-Canopy Species	Density	Avg. Height	Size	Northern Pin Oak	Medium	5 - 10 feet	5 - 10 feet																											
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114	42120 - Planted Jack Pine	Sapling Poor	27.3	20	Immature	N/A																																																		
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115	4199 - Other Mixed Upland Deciduous	Poletimber Medium	9.8	101	81-110	N/A	Stand will eventually transition into red maple and aspen. Leave for now and allow pole and sapling sized aspen and red maple develop further. Cutting now would likely do more damage than good.																																																	
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116	6229 - Mixed Lowland Shrub	None	23.0			No	South branch of the ausable flows through the stand.																																																	
117	4319 - Mixed Upland Forest	Poletimber Well	31.7	100	81-110	N/A																																																		
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119	622 - Lowland Shrub	None	43.6			No	Lowland areas around AuSable River.																																																	
120	4122 - Oak, Pine	Sawtimber Well	8.5	109	81-110	N/A																																																		
121	3102 - Grass	None	4.1			No	Stand not visited this entry due to difficult access.																																																	
122	6123 - Lowland Fir	Poletimber Well	14.7	76	81-110	N/A	Stand not visited this entry due to difficult access.Old Comment: Mostly balsam fir stand with some mixed aspen including balsam poplar. Black ash swale runs through stand and broadens out towards creek. Ash is currently infested with EAB and therefore will not be in canopy species.																																																	
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																							
123	6130 - Fir, Aspen, Maple	Poletimber Well	11.3	79	Unspecified	N/A																																								
124	42330 - Upland Fir	Poletimber Well	6.6	76	51-80	N/A	Stand not visited this entry due to difficult access.Old Comment: Stand goes from red pine saw timber on high ground then drops down to creek with old rotten aspen and balsam fir. There is a black ash component but it is heavily infested with EAB.																																							
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125	42210 - Natural Red Pine	Sawtimber Well	17.5	89	111-140	N/A	Nice stand of natural red pine sawtimber. Some lower areas with some balsam fir and nice white pine.																																							
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126	4133 - Aspen, Mixed Pine	Poletimber Well	12.0	89	81-110	N/A	Landlocked by PVT and AuSable river.																																							
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127	4130 - Aspen	Poletimber Well	6.9	89	81-110	N/A	A mixed aspen stand with some red maple and pine mixed in. Landlocked by private property and AuSable River.																																							
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128	4113 - R.Maple, Conifer	Poletimber Well	14.5	79	51-80	N/A	Red maple and balsam fir stand with a few aspen . Thick balsam fir understory.																																							
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129	6124 - Lowland Spruce-Fir	Poletimber Well	9.6	79	81-110	N/A																																								
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																											
130	6122 - Black Spruce	Poletimber Well	3.2	89	81-110	N/A	Lowland but operable. Nice black spruce stand mixed with some balsam fir and aspen.																																											
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131	42210 - Natural Red Pine	Sawtimber Well	3.9	89	141-170	N/A	Small stand of natural red pine on north edge of creek. Landlocked by private property and the AuSable River.																																											
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132	622 - Lowland Shrub	None	21.4			No																																												
133	6124 - Lowland Spruce-Fir	Poletimber Well	361.8	124	51-80	N/A	Variable lowland conifer stand that in areas is dominated by tamarack and balsam fir. Some scattered cedars and birch. Tag alder and willow is thick in understory especially in more open areas.																																											
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135	4134 - Aspen, Spruce/Fir	Poletimber Well	37.3	46	Unspecified	N/A	Stand that is mostly aspen in the canopy, but the balsam fir is full in the mid and sub-canopies. Where the aspen is not in the canopy balsam fir is. Hold and cut next entry with jack pine to the south.																																											
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Balsam Fir</td><td>29</td><td>Sapling</td><td>6</td><td></td></tr><tr><td>Quaking Aspen</td><td>70</td><td>Sapling</td><td>6</td><td>46</td></tr><tr><td>Black Spruce</td><td>1</td><td>Seedling</td><td>6</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Balsam Fir	29	Sapling	6		Quaking Aspen	70	Sapling	6	46	Black Spruce	1	Seedling	6		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Quaking Aspen</td><td>Low</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Balsam Fir</td><td>Full</td><td>Variable</td><td>Variable</td></tr><tr><td>Red Maple</td><td>Medium</td><td>Variable</td><td>Variable</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Quaking Aspen	Low	10 - 20 feet	10 - 20 feet	Balsam Fir	Full	Variable	Variable	Red Maple	Medium	Variable	Variable										
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137	6225 - Bog	None	14.3			No	Leatherleaf bog with some spruce, tamarack and pine scattered about in low numbers.																																											
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138	6220 - Alder/Willow	None	82.0			No	Tag alder marsh with black spruce mainly along perimeter.																																											
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139	42320 - Upland Spruce	Poletimber Medium	3.2	46	Unspecified	N/A	A spruce and white pine stand with aspen and oak mixed in on the high ground and in the low pockets will find the tag alder. These low areas are found sporadically around the stand but not in great size.																																																										
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140	6220 - Alder/Willow	None	2.7			No	Tag alder marsh																																																										
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141	4319 - Mixed Upland Forest	Poletimber Well	26.5	46	51-80	N/A	Some larger log sized trees present that were left during previous harvest.																																																										
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142	4191 - Mixed Upland Deciduous with Conifer	Poletimber Medium	11.8	46	51-80	N/A	The overall stand has aspen, jack pine, and oak. There are some other species mixed in as well such as red pine and maple. Fairly open throughout.																																																										
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143	6123 - Lowland Fir	Poletimber Medium	3.6	99	Unspecified	N/A	Lowland conifer stand that has some maple and paper birch particularly up at the northern tip. The understory is tag alder with the dominate regenerating species being spruce and fir.																																																										
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144	330 - Low-Density Trees	None	2.1			No	May have been an old landing site for the adjacent treatment done in the 70's, but is currently a grass opening with some of the native species slowly filling in on the edges but not enough to call it a forested stand.
145	330 - Low-Density Trees	None	1.6			No	May have been an old landing site for the adjacent treatment done in the 70's, but is currently a grass opening with some of the native species slowly filling in on the edges but not enough to call it a forested stand.
146	6122 - Black Spruce	Poletimber Medium	8.1	85	51-80	N/A	The stand has numerous open areas scattered about that are just tag alder but they are small and surrounded by spruce. The overstory spruce has heavy spruce regeneration underneath. There are even areas with red pine intermixed.
147	42120 - Planted Jack Pine	Poletimber Well	55.3	48	Unspecified	N/A	Some large log sized red pine trees left scattered about from the original cut. Hold unless stands to the north need to be cut.
148	42250 - Pine, Oak	Sawtimber Well	3.3	105	81-110	N/A	Overmature jack pine stand.2024:Stink Eye Pine • 71-015-18 PU 1 Unit was never cut likely due to poor access.
149	6225 - Bog	None	4.2			No	Leatherleaf bog with some spruce and tamarack here and there.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																										
150	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	5.3	99	51-80	N/A	The west half of the stand is the lower ground with spruce and red maple overstory with tag alder mixed in. The east half grades up to high ground with oak overstory and balsam fir and other regeneration underneath. This stand fronts on Walker Drive and may be a good site to construct a road and tie into the existing trail system that is in the compartment from the last treatments that used private land for access. New trail partially constructed through this stand in Fall 2015 and DEQ was contacted and approved its construction. At Compartment Review it was agreed to place a management gate on new road to keep public vehicular traffic from accessing trail system further north in this compartment and damaging sensitive soils areas they are in. the road was never finished and the gate wasn't installed.																																																										
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151	6220 - Alder/Willow	None	4.6			No	Tag alder marsh.																																																										
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152	3302 - Low Density Conifer Trees	None	3.4			No	Tag alder marsh with fair amount of pole sized black spruce all over but they are not enough to meet the 25 percent canopy closure.																																																										
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153	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	23.0	100	111-140	N/A																																																											
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154	42340 - Upland Spruce/Fir	Poletimber Well	11.9	40	1-50	N/A	Stand not visited this entry due to difficult access.Old Comment: Upland island in the middle of swamp. Stand was habitat cut in 1984. Now is a mix of balsam fir and white pine. Some aspen and patches of jack pine.																																																										
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155	622 - Lowland Shrub	None	147.5			No																																																											



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
157	42210 - Natural Red Pine	Sawtimber Well	20.3	84	111-140	N/A	Stand not visited this entry due to difficult access.Old Comment: Natural red pine stand on island in swamp. Balsam fir understory. A few open spots. Some red maple and quaking aspen mixed in and along small openings.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Red Maple	3		8		Balsam Fir	High		10 - 20 feet	10 - 20 feet
Quaking Aspen	2		8						
Red Pine	95		12	84					
158	4112 - Maple, Beech, Cherry Association	Poletimber Well	12.3	79	81-110	N/A	Red maple pole timber stand mixed with some bigtooth aspen and paper birch. A few scattered jack pine. Some larger 24"+ white pine on far west side along section line.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Paper Birch	5	Seedling	8		Balsam Fir	Medium		10 - 20 feet	10 - 20 feet
Red Maple	81		8	79	Black Spruce	Medium		10 - 20 feet	10 - 20 feet
Black Spruce	2	Seedling	5		White Pine	Medium		10 - 20 feet	10 - 20 feet
White Pine	5		8						
Jack Pine	2		8						
Bigtooth Aspen	5		10						
159	42290 - Natural Mixed Pine	Sawtimber Well	12.0	140	81-110	N/A	Two-aged stand of super-canopy red pine with a mid-canopy of white pine, spruce, etc. The regeneration is good mainly being white pine and equal percentage of spruce, fir and traces of the other canopy species. The portion of the stand north of the abandoned pipeline R.O.W. has several wetter depressions. 2024: Stink Eye Pine • 71-015-18 PU 3 Unit was never cut		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Red Maple	1	Seedling	8		White Pine	High		Variable	Variable
Jack Pine	4	Seedling	8		Northern Pin Oak	Low		Variable	Variable
Paper Birch	3	Seedling	8		Black Spruce	Medium		Variable	Variable
Balsam Fir	7	Seedling	7						
Red Pine	44		14	140					
Blue Spruce	18	Seedling	8	99					
White Pine	15		9						
Northern Pin Oak	8		9						
160	429 - Mixed Upland Conifers	Sawtimber Well	10.1	102	81-110	N/A		Mixed stand of overmature jack pine and pin oak of poor quality. Scattered about are a few super-canopy red and white pines. The regeneration is very good with a mix of white pine with lesser degrees of spruce followed up by some oak and jack pine.2024: Stink Eye Pine • 71-015-18 PU 2 Unit was never cut. Looks like access may have been to wet to cut stand.	
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height		Size
Northern Pin Oak	27		11		Black Spruce	Medium	Variable		Variable
Quaking Aspen	1		11		Jack Pine	Low	Variable		Variable
Red Maple	5	Seedling	6		White Pine	High	Variable		Variable
White Pine	15		9		Red Maple	Low	Variable		Variable
Jack Pine	31		12	102					
Paper Birch	3	Seedling	8						
Red Pine	3		14						
Black Spruce	15		9						
162	6121 - Tamarack	Poletimber Well	10.6	79	1-50	N/A	Tamarack swamp with some cedar and dead and dying ash(EAB). Some open areas dominated by tag alder and willow.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Black Ash	2		4		Tag Alder	Full		5 - 10 feet	5 - 10 feet
Tamarack	93	Sapling	6	79					
	Northern White Cedar	5	Sapling	6	79				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																										
163	6122 - Black Spruce	Poletimber Well	81.2	79	81-110	N/A																																											
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164	4130 - Aspen	Sapling Well	56.1	10	1-50	N/A	Some large oaks were left when harvested. Several more open pockets.																																										
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165	6120 - Lowland Cedar	Poletimber Well	35.4	114	81-110	N/A	Cedar with understory of balsam fir and tag alder. Some small areas of slightly higher areas with some hardwoods. More black spruce on north end																																										
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166	6120 - Lowland Cedar	Poletimber Well	25.8	119	81-110	N/A	A few hemlocks on higher drier spots.																																										
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167	42200 - Natural White Pine	Sawtimber Well	5.5	119	141-170	N/A	Small stand of large diameter white pine mixed with some red pine. A few hemlock mixed in.																																										
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168	4319 - Mixed Upland Forest	Sapling Well	29.0	40	51-80	N/A	Aspen mixed with older age class of balsam fir and white pine left from harvest. Must have cut all hardwoods and aspen and left conifers??? Conifers act as supercanopy above aspen. Some wet pockets. Far east end has small area of planted/seeded jack pine from adjacent harvest.																																										
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																											
169	42200 - Natural White Pine	Poletimber Well	10.3	54	81-110	N/A	White pine stand with some red pine mixed in. A few stump sprout maple from harvest. Allow stand to put on more growth.																																											
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>White Pine</td><td>70</td><td></td><td>10</td><td>54</td></tr><tr><td>Red Maple</td><td>10</td><td></td><td>7</td><td></td></tr><tr><td>Balsam Fir</td><td>10</td><td></td><td>6</td><td></td></tr><tr><td>Red Pine</td><td>5</td><td></td><td>10</td><td></td></tr><tr><td>Northern White Cedar</td><td>5</td><td></td><td>10</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		White Pine	70		10	54	Red Maple	10		7		Balsam Fir	10		6		Red Pine	5		10		Northern White Cedar	5		10		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>White Pine</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Black Spruce</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Balsam Fir</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	White Pine	Low	5 - 10 feet	5 - 10 feet	Black Spruce	Low	5 - 10 feet	5 - 10 feet	Balsam Fir	Low	5 - 10 feet	5 - 10 feet
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170	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	6.3	109	51-80	N/A	Overstory oak is starting to die out.																																											
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172	4319 - Mixed Upland Forest	Poletimber Poor	2.6	74	51-80	N/A																																												
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173	4311 - Pine, Aspen Mix	Poletimber Medium	2.7	79	51-80	N/A	Planted red pine with some aspen and oak on north edge of stand along tracks. Some wet non forested areas.																																											
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Quaking Aspen</td><td>45</td><td>Seedling</td><td>8</td><td></td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>10</td><td></td><td>12</td><td></td></tr><tr><td>Red Pine</td><td>45</td><td></td><td>11</td><td>79</td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Quaking Aspen	45	Seedling	8		Black/Red (Hybrid) Oak	10		12		Red Pine	45		11	79	<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Balsam Fir</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Low	5 - 10 feet	5 - 10 feet																		
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174	122 - Road/Parking Lot	None	14.4			No	Old 76																																											
175	6120 - Lowland Cedar	Poletimber Medium	5.0	104	111-140	N/A																																												
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																														
176	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	11.3	104	51-80	N/A	Hold stand and allow white pine understory to develop further																																														
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177	622 - Lowland Shrub	None	9.1			No																																															
178	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	7.0	114	81-110	N/A	Black spruce and cedar swamp.																																														
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Black Spruce</td><td>25</td><td>Seedling</td><td>5</td><td>114</td></tr><tr><td>Tamarack</td><td>2</td><td>Seedling</td><td>6</td><td></td></tr><tr><td>Red Maple</td><td>8</td><td>Seedling</td><td>6</td><td></td></tr><tr><td>Northern White Cedar</td><td>25</td><td>Seedling</td><td>6</td><td>114</td></tr><tr><td>Balsam Fir</td><td>20</td><td>Seedling</td><td>5</td><td></td></tr><tr><td>White Pine</td><td>20</td><td></td><td>10</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age	Black Spruce	25	Seedling	5	114	Tamarack	2	Seedling	6		Red Maple	8	Seedling	6		Northern White Cedar	25	Seedling	6	114	Balsam Fir	20	Seedling	5		White Pine	20		10		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Tag Alder</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Balsam Fir</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr></table>					Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Medium	5 - 10 feet	5 - 10 feet	Balsam Fir	Medium	10 - 20 feet	10 - 20 feet
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179	4310 - Pine, Oak Mix	Sawtimber Well	2.1	114	81-110	N/A	Older oak and jack pine with younger white pine coming into the understory. Hold and allow white pine to develop further.																																														
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Jack Pine</td><td>20</td><td></td><td>10</td><td>114</td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>50</td><td></td><td>14</td><td>114</td></tr><tr><td>White Pine</td><td>30</td><td></td><td>7</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age	Jack Pine	20		10	114	Black/Red (Hybrid) Oak	50		14	114	White Pine	30		7		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>White Pine</td><td>High</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Balsam Fir</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>					Sub-Canopy Species	Density	Avg. Height	Size	White Pine	High	10 - 20 feet	10 - 20 feet	Balsam Fir	Medium	5 - 10 feet	5 - 10 feet															
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180	500 - Water	None	0.9			No																																															
181	4310 - Pine, Oak Mix	Sawtimber Well	3.5	114	81-110	N/A	Small stand along M-76. Poor quality oak and white pine mix. Hold and allow white pine to develop further.																																														
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182	42250 - Pine, Oak	Sawtimber Well	3.3	89	51-80	N/A	Mixed pine, oak stand.																																														
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																			
190	6131 - Hemlock, White Pine, Maple, Birch	Poletimber Well	11.9	74	81-110	N/A	Wet white pine stand mixed with red maple. Scattered and clumped large white pine.																																			
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191	6224 - Treed Bog	None	7.5			No																																				
192	6225 - Bog	None	3.6			No																																				
193	42200 - Natural White Pine	Sawtimber Well	3.9	124	111-140	N/A	White pine stand mixed with some jack pine. More jack pine component to S & E. Some large diameter 110+ yr old white pine. Small bog in center of stand.																																			
		<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Maple</td><td>5</td><td></td><td>4</td><td></td></tr><tr><td>White Pine</td><td>85</td><td></td><td>16</td><td>124</td></tr><tr><td>Jack Pine</td><td>10</td><td></td><td>10</td><td></td></tr></table>	Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	5		4		White Pine	85		16	124	Jack Pine	10		10		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Red Maple</td><td>Low</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>White Pine</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Black Spruce</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>				Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Low	10 - 20 feet	10 - 20 feet	White Pine	Low	5 - 10 feet	5 - 10 feet	Black Spruce	Low	5 - 10 feet	5 - 10 feet
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Black Spruce	Low	5 - 10 feet	5 - 10 feet																																							
194	4122 - Oak, Pine	Sawtimber Well	2.7	114	81-110	N/A	Old, low quality sawtimber stand with heavy white pine understory. Some white pine making into canopy. Oak is starting to die out.																																			
		<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Black/Red (Hybrid) Oak</td><td>60</td><td></td><td>12</td><td>114</td></tr><tr><td>White Pine</td><td>35</td><td>Seedling</td><td>5</td><td></td></tr><tr><td>Jack Pine</td><td>5</td><td></td><td>8</td><td></td></tr></table>	Canopy Species	% Cover	Size Class	DBH	Age	Black/Red (Hybrid) Oak	60		12	114	White Pine	35	Seedling	5		Jack Pine	5		8		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Red Maple</td><td>Low</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>White Pine</td><td>High</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr></table>				Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Low	10 - 20 feet	10 - 20 feet	White Pine	High	10 - 20 feet	10 - 20 feet				
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196	4125 - Black, N. Pin Oak	Sapling Poor	2.3	10	Immature	N/A																																				
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Northern Pin Oak	100	Log	1	10																																						
197	3303 - Mixed Low Density Trees	None	2.4			No	Scattered pockets of oak and pine.																																			
		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Red Pine</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>Jack Pine</td><td>Low</td><td>Variable</td><td>Variable</td></tr></table>						Sub-Canopy Species	Density	Avg. Height	Size	Red Pine	Low	Variable	Variable	Black/Red (Hybrid) Oak	Low	Variable	Variable	Jack Pine	Low	Variable	Variable																			
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Black/Red (Hybrid) Oak	Low	Variable	Variable																																							
Jack Pine	Low	Variable	Variable																																							
198	4130 - Aspen	Sapling Well	4.5	10	Immature	N/A																																				
		<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Black/Red (Hybrid) Oak</td><td>5</td><td>Log</td><td>1</td><td></td></tr><tr><td>Quaking Aspen</td><td>95</td><td>Log</td><td>1</td><td>10</td></tr></table>	Canopy Species	% Cover	Size Class	DBH	Age	Black/Red (Hybrid) Oak	5	Log	1		Quaking Aspen	95	Log	1	10																									
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Stand	Level 4 Cover Type	Size Density			Acres	Stand Age	BA Range	Managed Site	General Comments																									
200	4132 - Aspen, Jack Pine	Sapling Medium			6.8	10	Immature	N/A	A few wet pockets throughout																									
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Quaking Aspen</td><td>45</td><td>Log</td><td>2</td><td>10</td></tr><tr><td>Jack Pine</td><td>20</td><td>Log</td><td>2</td><td>10</td></tr><tr><td>Red Maple</td><td>20</td><td>Log</td><td>2</td><td>10</td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>15</td><td>Log</td><td>2</td><td>10</td></tr></table>										Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	45	Log	2	10	Jack Pine	20	Log	2	10	Red Maple	20	Log	2	10	Black/Red (Hybrid) Oak	15	Log	2	10
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Jack Pine	20	Log	2	10																														
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Black/Red (Hybrid) Oak	15	Log	2	10																														
202	42120 - Planted Jack Pine	Sapling Well			75.9	24	1-50	N/A	Stand was harvest in Winter 2001 and trenched/seeded in the spring of 2001.																									
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Northern Pin Oak</td><td>5</td><td>Log</td><td>2</td><td>24</td></tr><tr><td>Jack Pine</td><td>95</td><td>Pole</td><td>3</td><td>24</td></tr></table>										Canopy Species	% Cover	Size Class	DBH	Age	Northern Pin Oak	5	Log	2	24	Jack Pine	95	Pole	3	24										
Canopy Species	% Cover	Size Class	DBH	Age																														
Northern Pin Oak	5	Log	2	24																														
Jack Pine	95	Pole	3	24																														
203	42220 - Natural Jack Pine	Sapling Well			36.1	35	1-50	N/A	Stand was harvested and then roller chopped. It was never seeded with all jack pine regeneration being natural.																									
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Jack Pine</td><td>98</td><td>Pole</td><td>4</td><td>35</td></tr><tr><td>Northern Pin Oak</td><td>2</td><td>Pole</td><td>3</td><td>35</td></tr></table>										Canopy Species	% Cover	Size Class	DBH	Age	Jack Pine	98	Pole	4	35	Northern Pin Oak	2	Pole	3	35										
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Northern Pin Oak	2	Pole	3	35																														
204	110 - Low Intensity Urban	None			20.3			No	R.O.W. containing the Lake States Railroad on the west side and a buried Gas Pipeline of Michcon's on the east edge. Jack pine sapling strip is growing along the railroad.																									
<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Jack Pine</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr></table>										Sub-Canopy Species	Density	Avg. Height	Size	Jack Pine	Medium	10 - 20 feet	10 - 20 feet																	
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Jack Pine	Medium	10 - 20 feet	10 - 20 feet																															
205	42220 - Natural Jack Pine	Poletimber Well			11.3	75	81-110	N/A	Thin strip of land between M-76 and the Railroad. There is a strip of red pine of 5-6 rows wide about 100 yards long at the north end. The rest is natural regeneration of jack and oak. Appears there once was an old narrow gauge rail bed that run down the middle of this stand.																									
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Northern Pin Oak</td><td>16</td><td></td><td>10</td><td></td></tr><tr><td>Jack Pine</td><td>80</td><td>Seedling</td><td>8</td><td>75</td></tr><tr><td>Red Pine</td><td>4</td><td>Seedling</td><td>8</td><td></td></tr></table>										Canopy Species	% Cover	Size Class	DBH	Age	Northern Pin Oak	16		10		Jack Pine	80	Seedling	8	75	Red Pine	4	Seedling	8						
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Northern Pin Oak	Medium	5 - 10 feet	5 - 10 feet																															
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207	4310 - Pine, Oak Mix	Sapling Well			25.9	26	Immature	N/A	Stand was seeded to jack pine with the Sigma Seeder in 1998.																									
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Jack Pine</td><td>55</td><td>Pole</td><td>4</td><td>26</td></tr><tr><td>Northern Pin Oak</td><td>45</td><td>Sapling</td><td>5</td><td>28</td></tr></table>										Canopy Species	% Cover	Size Class	DBH	Age	Jack Pine	55	Pole	4	26	Northern Pin Oak	45	Sapling	5	28										
Canopy Species	% Cover	Size Class	DBH	Age																														
Jack Pine	55	Pole	4	26																														
Northern Pin Oak	45	Sapling	5	28																														
209	42220 - Natural Jack Pine	Sapling Well			13.6	34	Immature	N/A	This was a private parcel that was clearcut by the private landowner back in 1990 and acquired by the state shortly thereafter. It has come back thick to jack pine with a good percentage of stump sprouted oak also.																									
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Northern Pin Oak</td><td>20</td><td>Log</td><td>3</td><td>34</td></tr><tr><td>Jack Pine</td><td>80</td><td>Pole</td><td>4</td><td>34</td></tr></table>										Canopy Species	% Cover	Size Class	DBH	Age	Northern Pin Oak	20	Log	3	34	Jack Pine	80	Pole	4	34										
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Jack Pine	80	Pole	4	34																														
210	42220 - Natural Jack Pine	Sapling Poor			18.4	6	Unspecified	N/A	Stand was final harvest in winter 2018/2019. Some regen is coming in and it should continue to as time goes on.																									
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																												
212	6225 - Bog	None	24.1			No	Leatherleaf bog with lowland jack pine around the perimeter.																																												
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213	4130 - Aspen	Poletimber Well	12.7	31	81-110	N/A																																													
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Red Maple	5	Sapling	5		Red Maple	Medium	5 - 10 feet	5 - 10 feet																																											
214	42120 - Planted Jack Pine	Sapling Well	46.8	31	1-50	N/A	Site trench and planted to jack pine in 1994.																																												
			<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Jack Pine</td><td>88</td><td>Pole</td><td>4</td><td>31</td></tr><tr><td>Bigtooth Aspen</td><td>2</td><td>Pole</td><td>4</td><td></td></tr><tr><td>Northern Pin Oak</td><td>10</td><td>Log</td><td>4</td><td></td></tr></table>				Canopy Species	% Cover	Size Class	DBH	Age	Jack Pine	88	Pole	4	31	Bigtooth Aspen	2	Pole	4		Northern Pin Oak	10	Log	4																										
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Bigtooth Aspen	2	Pole	4																																																
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215	6225 - Bog	None	1.8			No	Leatherleaf bog with a perimeter of lowland jack pine.																																												
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Jack Pine	Medium	10 - 20 feet	10 - 20 feet																																																
218	121 - Airport	None	55.5			Yes	The Michigan Department of Natural Resources airport. Paved runway with grass landing strips on crosswind side. Contains two hangers. The grass along the runway edges is mowed.																																												
219	110 - Low Intensity Urban	None	1.1			Yes	Overhead powerline and its cleared right-of-way.																																												
220	4125 - Black, N. Pin Oak	Sawtimber Medium	11.1	101	51-80	N/A	Stand was thinned in the spring of 1998 removing all pine , aspen, and maple and thinning of the oak. It has good jack pine regeneration coming in along with oak both seeded and stump sprouted. There is an overhead powerline/clearing along the south line and a small (1/2 acre) leatherleaf bog on the southwest edge. A small pocket on the southwest corner was not treated and is thicker and was left as a visual for the treatment. It consists of heavy white pine mixed with jack pine. Leave for another rotation and do wither a shelterwood or seed tree harvest this will allow the current regeneration to get larger.																																												
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Red Pine	1		10		Jack Pine	High	10 - 20 feet	10 - 20 feet																																											
White Pine	2		8																																																
221	42141 - Planted Mixed Pine, Mixed Deciduous	Sapling Well	26.8	15	Immature	N/A	Hand planted with red pine seedlings in 2010. They planted less per acre (approx. 400) of red pine and wanted to get more interface with natural jack pine and oak. This has occurred, there is full mix of natural jack pine and oak both from stump sprouts and seeding.																																												
			<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Jack Pine</td><td>30</td><td>Log</td><td>2</td><td></td></tr><tr><td>Red Pine</td><td>35</td><td>Log</td><td>2</td><td>15</td></tr><tr><td>Northern Pin Oak</td><td>30</td><td>Log</td><td>2</td><td></td></tr><tr><td>Black Cherry</td><td>3</td><td>Log</td><td>1</td><td></td></tr></table>				Canopy Species	% Cover	Size Class	DBH	Age	Jack Pine	30	Log	2		Red Pine	35	Log	2	15	Northern Pin Oak	30	Log	2		Black Cherry	3	Log	1																					
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																	
223	3303 - Mixed Low Density Trees	None	205.1			Yes	This stand is not to become a forest stand again, but rather an open grass field to eliminate tall objects interfering with planes taking off and landing. A prescribed fire was attempted but failed.to kill any of the oak and little of the jack pine. It has been decided to apply herbicide aerially and then either mechanically treat the woody vegetation, i.e. roller chop, and/or follow-up with a moderate prescribed burn cycle. Aerially herbicided in 2019.																	
224	42120 - Planted Jack Pine	Sapling Well	37.4	34	1-50	N/A	Plantation established in 1991. They reseeded bare spots in April 1993. The oak is sparse mixed evenly though and is slightly larger do to most being from stump sprouts.																	
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Jack Pine</td><td>95</td><td>Pole</td><td>4</td><td>34</td></tr><tr><td>Northern Pin Oak</td><td>5</td><td>Log</td><td>4</td><td>34</td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Jack Pine	95	Pole	4	34	Northern Pin Oak	5	Log	4	34		
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Northern Pin Oak	5	Log	4	34																				
225	6225 - Bog	None	19.7			No																		
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Leatherleaf	Full	< 5 feet	< 5 feet																					
Tag Alder	Low	5 - 10 feet	5 - 10 feet																					
Jack Pine	Low	>20 feet	>20 feet																					
226	6122 - Black Spruce	Poletimber Well	5.7	105	Unspecified	N/A	Black spruce stand in the middle of a leatherleaf bog.																	
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Black Spruce</td><td>100</td><td></td><td>8</td><td>105</td><td>Black Spruce</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>							Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	Black Spruce	100		8	105	Black Spruce	Low	5 - 10 feet	5 - 10 feet
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Black Spruce	100		8	105	Black Spruce	Low	5 - 10 feet	5 - 10 feet																
227	6225 - Bog	None	4.6			No	Leatherleaf bog.																	
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Sub-Canopy Species	Density	Avg. Height	Size																					
Leatherleaf	Full	< 5 feet	< 5 feet																					
228	42120 - Planted Jack Pine	Sapling Medium	5.5	11	Immature	N/A	Cut 2014 , trench and re-plant to jack pine. Trenched in 2014; jack pine planting in 2015.																	
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Black/Red (Hybrid) Oak</td><td>15</td><td>Log</td><td>1</td><td>11</td></tr><tr><td>Jack Pine</td><td>85</td><td>Log</td><td>2</td><td>11</td></tr></table>							Canopy Species	% Cover	Size Class	DBH	Age	Black/Red (Hybrid) Oak	15	Log	1	11	Jack Pine	85	Log	2	11			
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