



Compartment Review Presentation

Roscommon Forest Management Unit

Compartment 71053

Entry Year 2028

Acreage: 2,613

County: Roscommon

Management Area: High Sand Plains

Stand Examiner: Doug Tyran

Legal Description:

T23N R1W Sections 2, 3, 10, and 11

Identified Planning Goals:

Maintain the State Forest resource in a healthy condition to meet: State Forest Management Plan Objectives, Wildlife Habitat Improvements, & Recreational Use.

Soil and topography:

Upland soils consist primarily of Grayling and Graycalm sands. Lowland soils consist of mostly Tawas and Lupton mucks. To topography ranges from relatively flat to gentle and steep slopes.

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

There is mostly state land in and around the compartment with some private ownership. Primarily permanent residences to the south off of Dunham Lake Road and the East side of Rau Road, there also some seasonal hunting camps.

Unique Natural Features:

Kirtland's warblers have been documented in the jack pine areas of the compartment. Otherwise none known.

Archeological, Historical, and Cultural Features:

No known concerns, as always it is possible things may come up and should be addressed with the state archaeologist and cross referenced with the state conservation area reviewer.

Special Management Designations or Considerations:

This area is part of the High Sand Plains Management Area.

Watershed and Fisheries Considerations:

This compartment is within the Southern Lake Huron Fisheries Management Unit. Best management practices should be utilized to buffer any timber harvesting near lowlands or along any creeks if water or wet soils are present.

Wildlife Habitat Considerations:

Treatments in this compartment will maintain age class diversity while creating early successional habitat benefiting deer, grouse, and Kirtland's Warbler. Openings are prescribed to be maintained in this compartment benefiting deer, turkey, grouse, and song birds.

Mineral Resource and Development Concerns and/or Restrictions

No known potential exists for economic deposits of metallic minerals in this part of the state. The nearest known active sand/gravel operation is three miles west. There is some potential for sand & gravel on the uplands, but the compartment might be too far from populated areas (commercial markets) to have much economic value beyond use by the county road commission or DNR for local road maintenance. Isolated test wells for oil & gas have been drilled in close proximity to the compartment, but none commercially produced. The nearest hydrocarbon production, past or present, is more than three miles away. There has been no recent well permitting activity in or around the compartment, and there is also no current leasing activity involving State-owned oil & gas rights in the area. Potential for future oil & gas development within the compartment is considered low at this time.

Vehicle Access:

Vehicle access is excellent via county roads, particularly Dunham Lake Road & Railroad Grade Road. There are also many state forest two-tracks, and the snowmobile trail. The area also has ORV and MCCC trails.

Survey Needs:

None necessary at this time.

Recreational Facilities and Opportunities:

This compartment contains portions of the St. Helen snowmobile trail and the St. Helen to Geels ORV and MCCC trail. This compartment is also heavily used for dispersed recreation such as camping, hunting and gathering.

Fire Protection:

A majority of this compartment are deciduous cover types or lowland, which are somewhat resistant to large contiguous wildfires. However, given the right conditions fires could certainly occur, most probable from adjacent private landowners or recreationists within the areas of Red Pine or Jack Pine. Best access is along the county roads then to State Forest Roads.

Additional Compartment Information:

The following reports from the Inventory are attached:

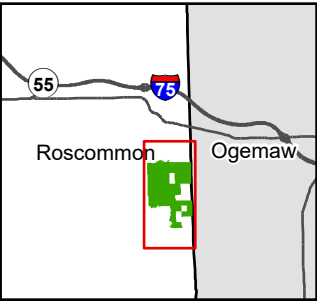
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

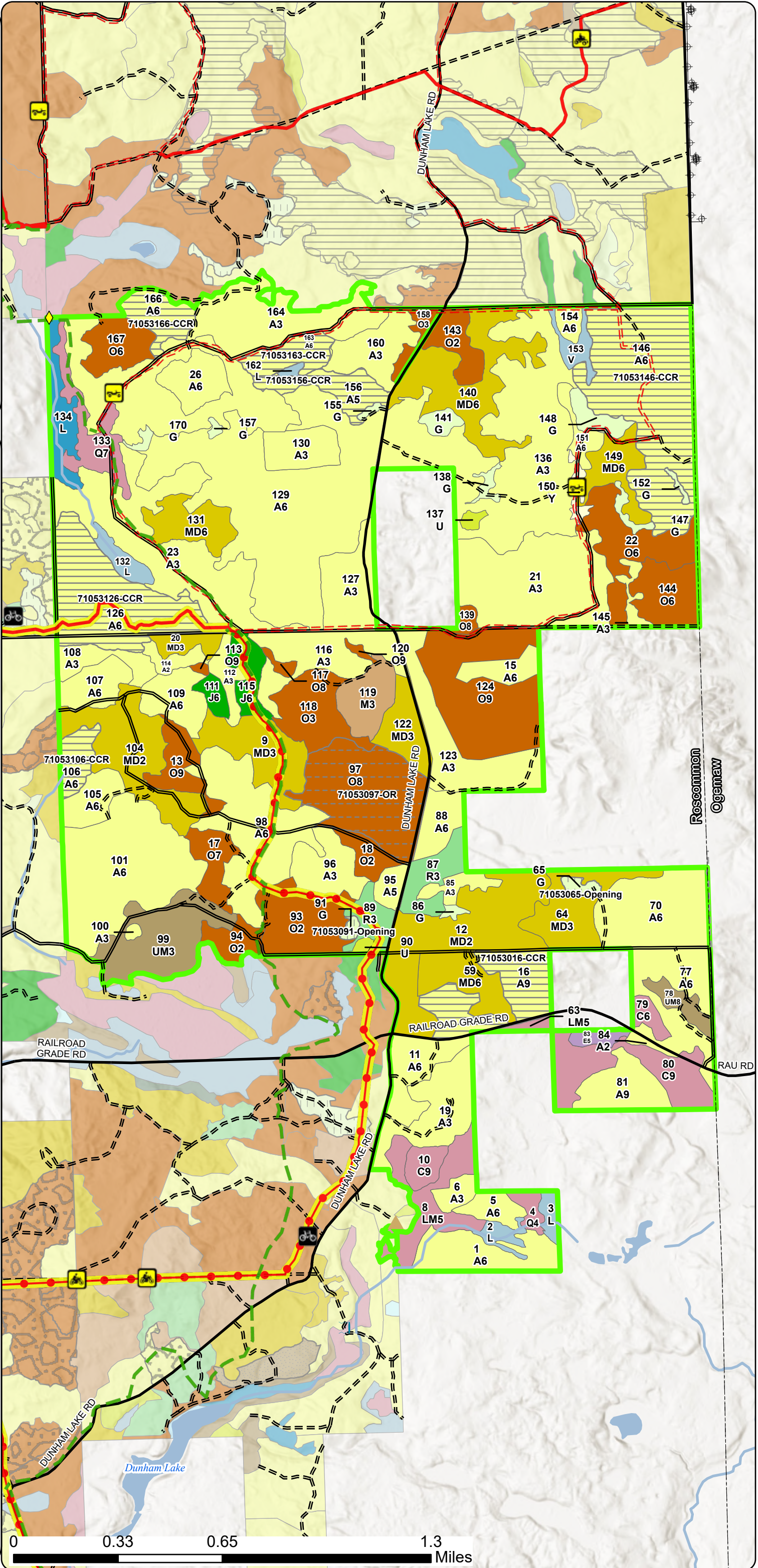
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 71053
T21N, R01W, Sec. 1, 2, 11, 12
T22N, R01W, Sec. 35, 36
County: Roscommon
Unit: Roscommon
Mgmt. Area: High Sand Plains
YOE: 2028
Acres: 2,612.99 GIS Calculated
Examiner: Doug Tyran
Date Exported: 06/11/2026
Map Phase: Web Post

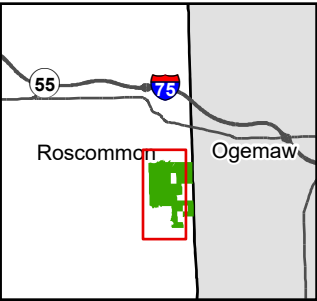


- Survey Grade Corners
- Culvert
- Berm
- Designated Hiking Pathway
- Designated MCCCT Trails
- Designated ORV Routes
- Designated ATV Trails
- Designated Motorcycle Trails
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- Private - Dirt / Gravel Road
- Streams
- Lakes and Rivers
- Electric
- Compartment Boundary
- Clearcut
- Overstory Removal
- Openings Mgmt.
- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 622 - Lowland Shrub
- 629 - Mixed non-forested Wetland
- 710 - Sand, Soil
- Herbaceous Openland

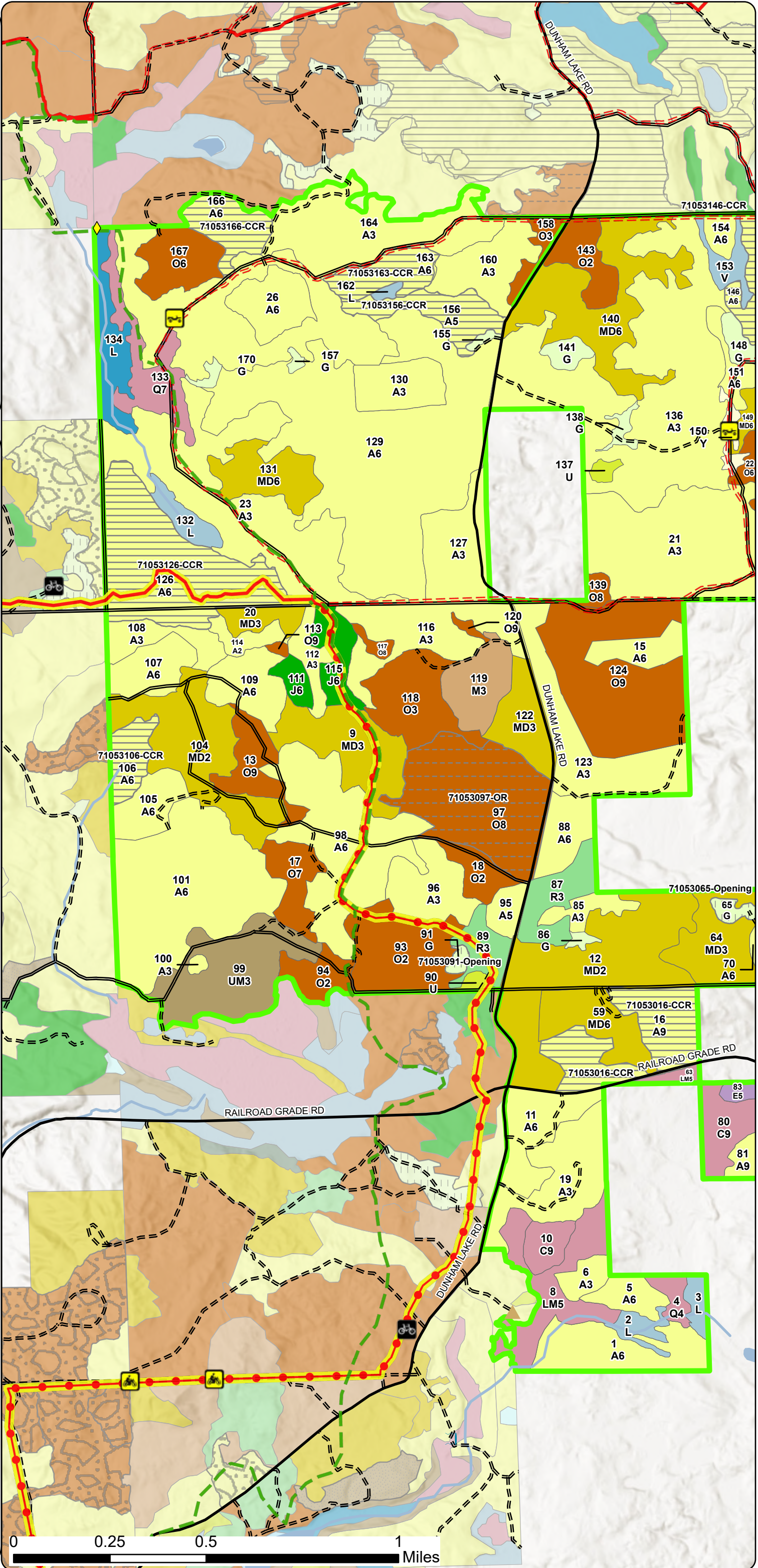


Cover Type & Treatments Map

Compartment: 71053
T21N, R01W, Sec. 1, 2, 11, 12
T22N, R01W, Sec. 35, 36
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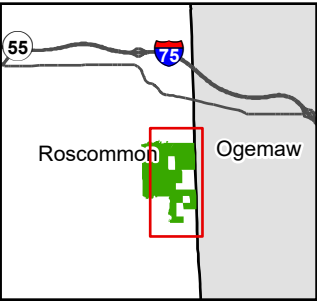


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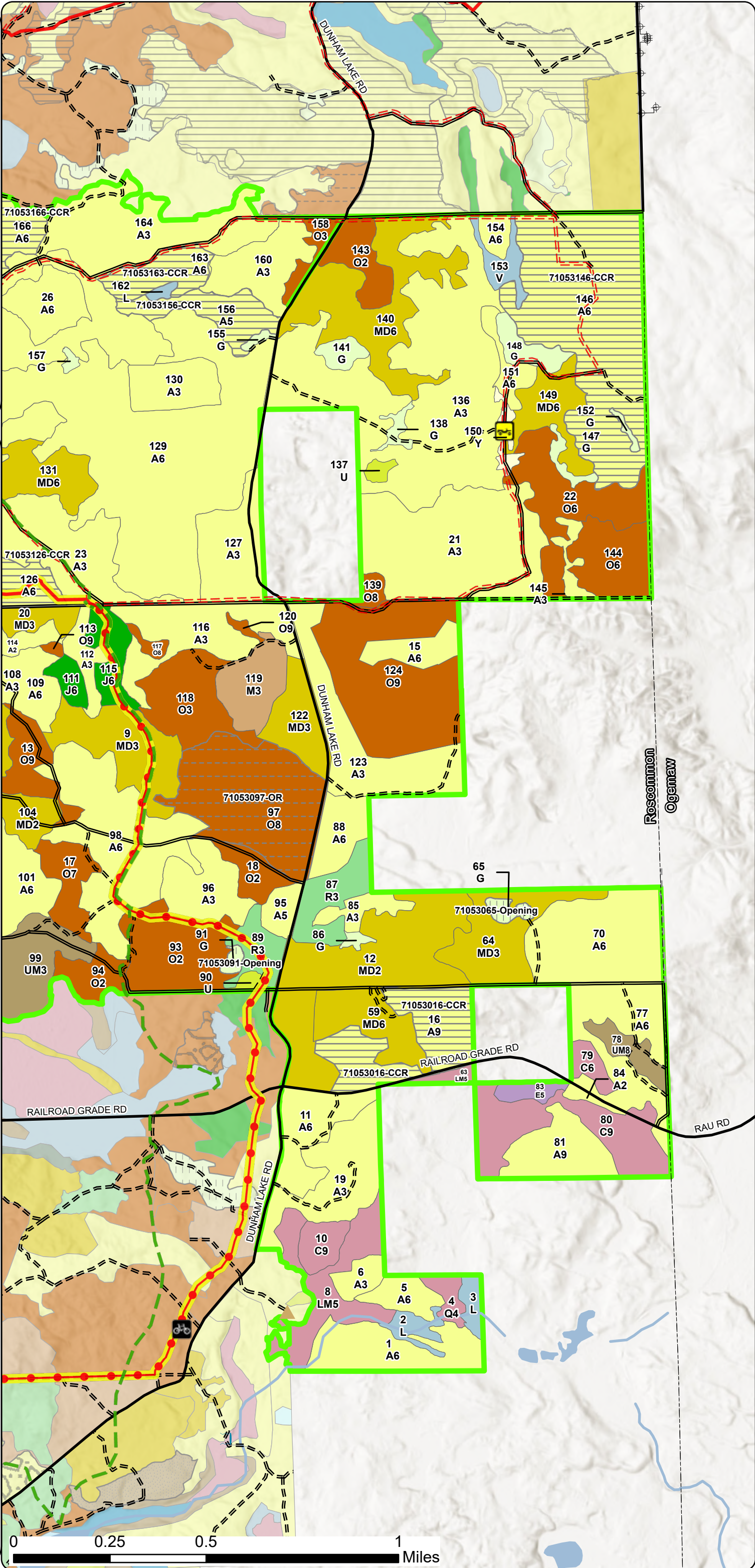


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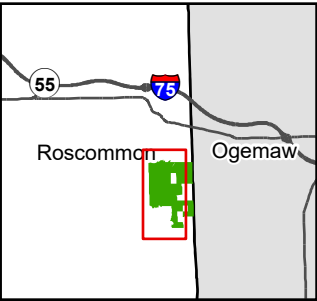


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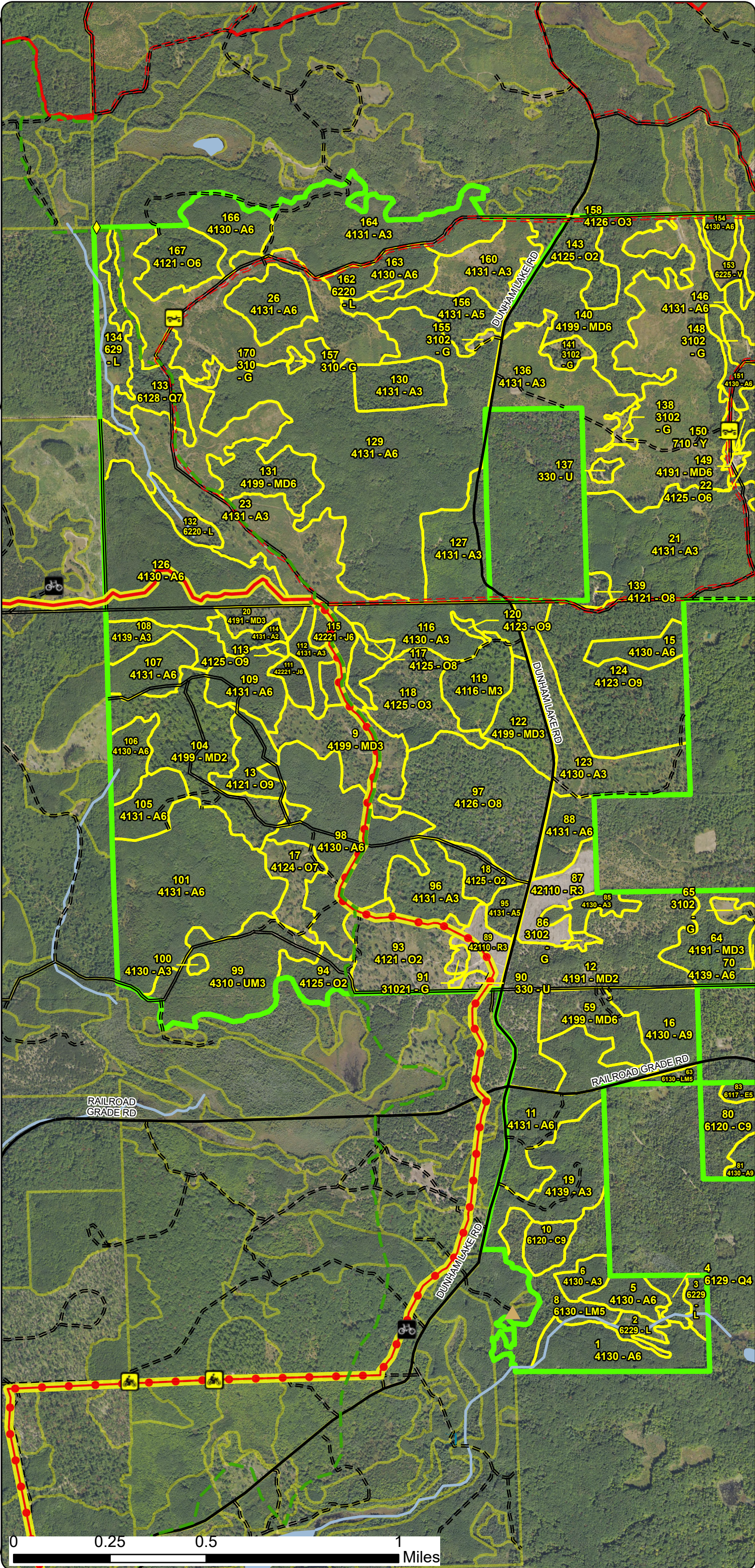


Stand Boundary
Map

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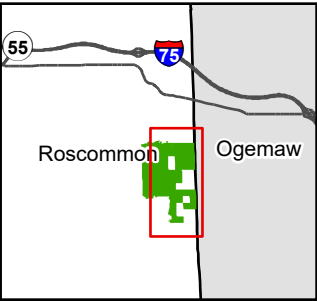


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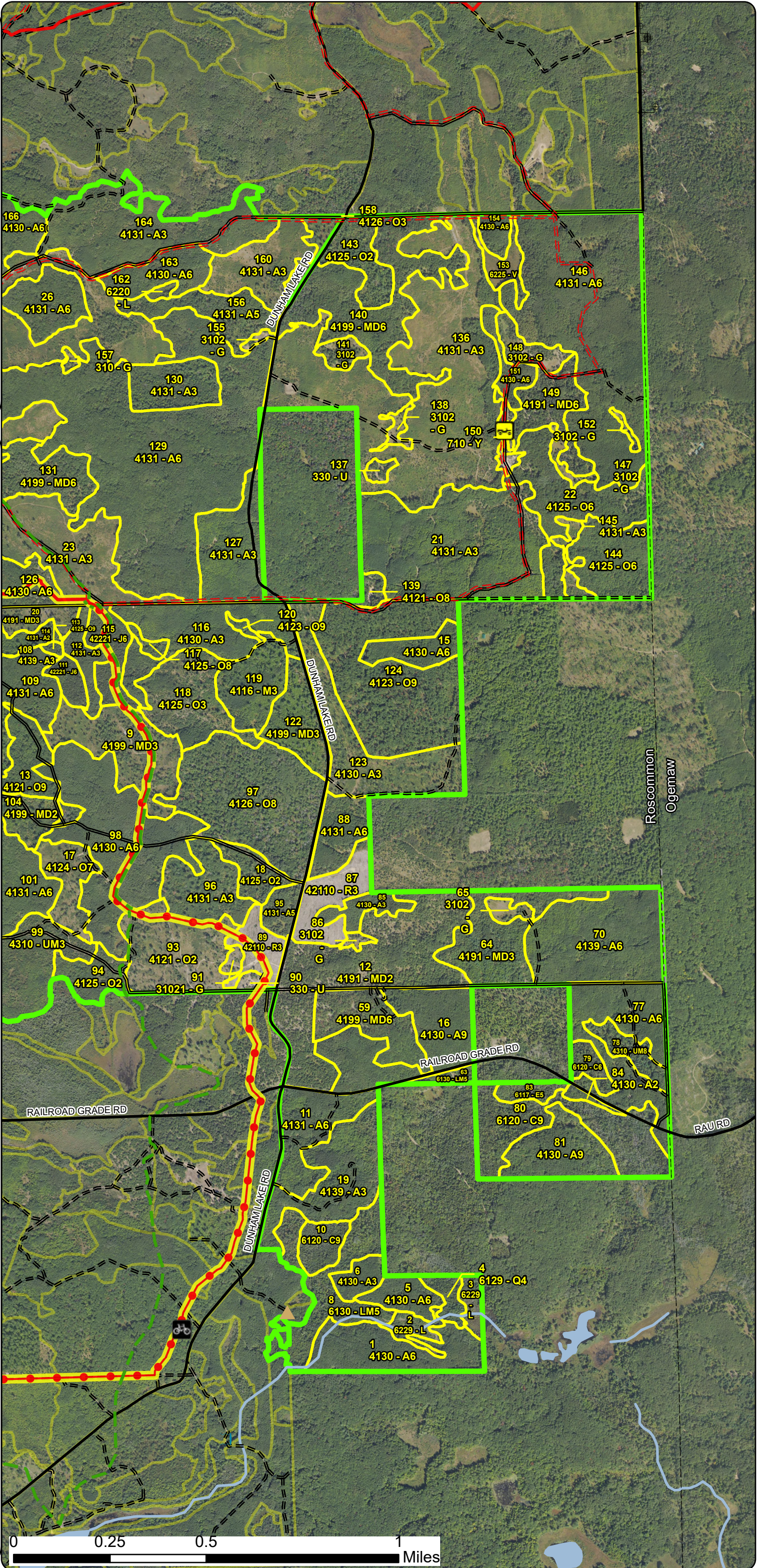


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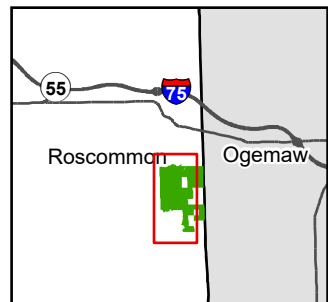
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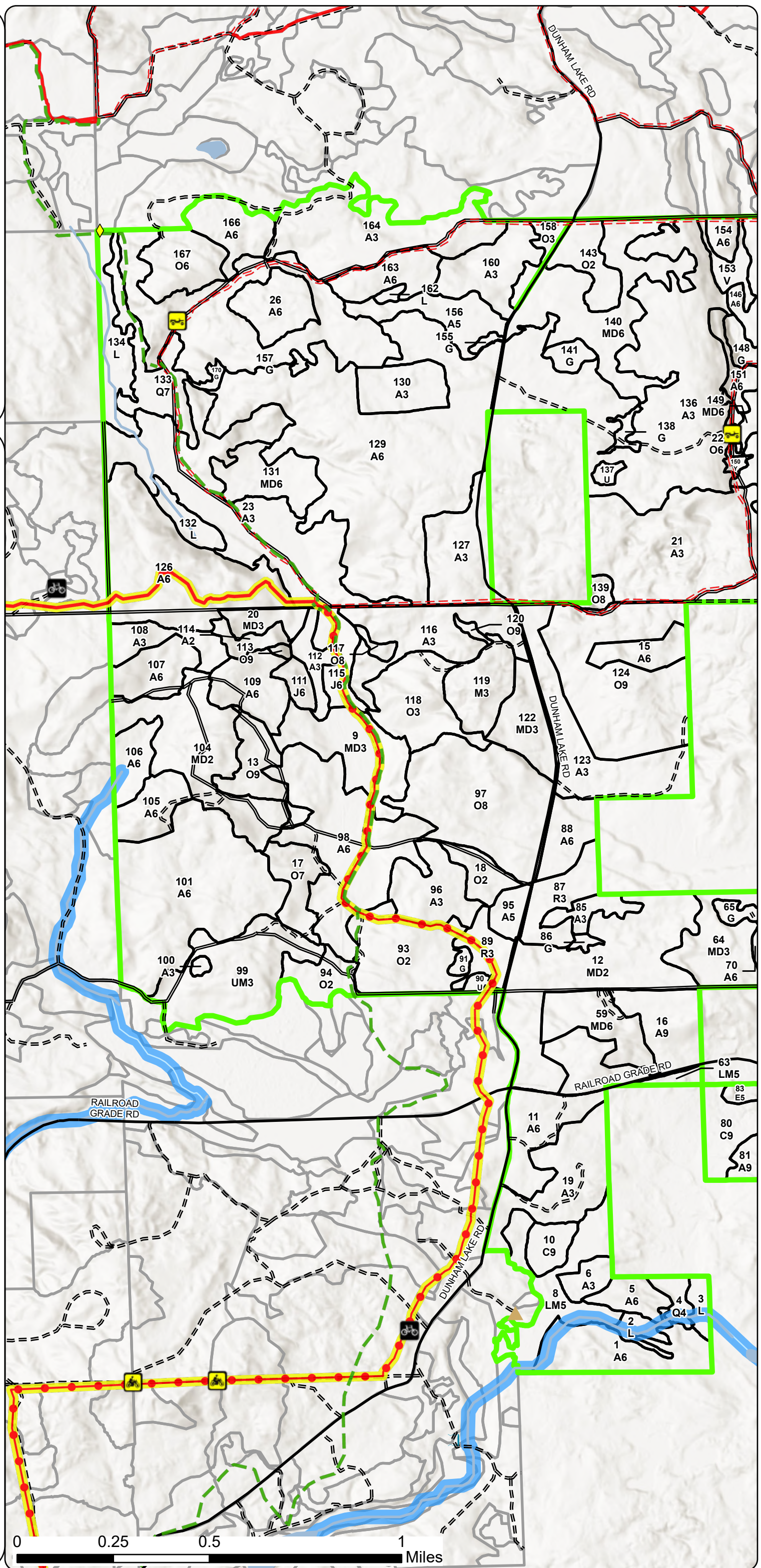
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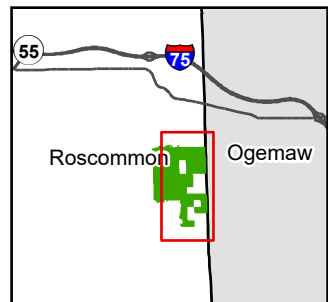
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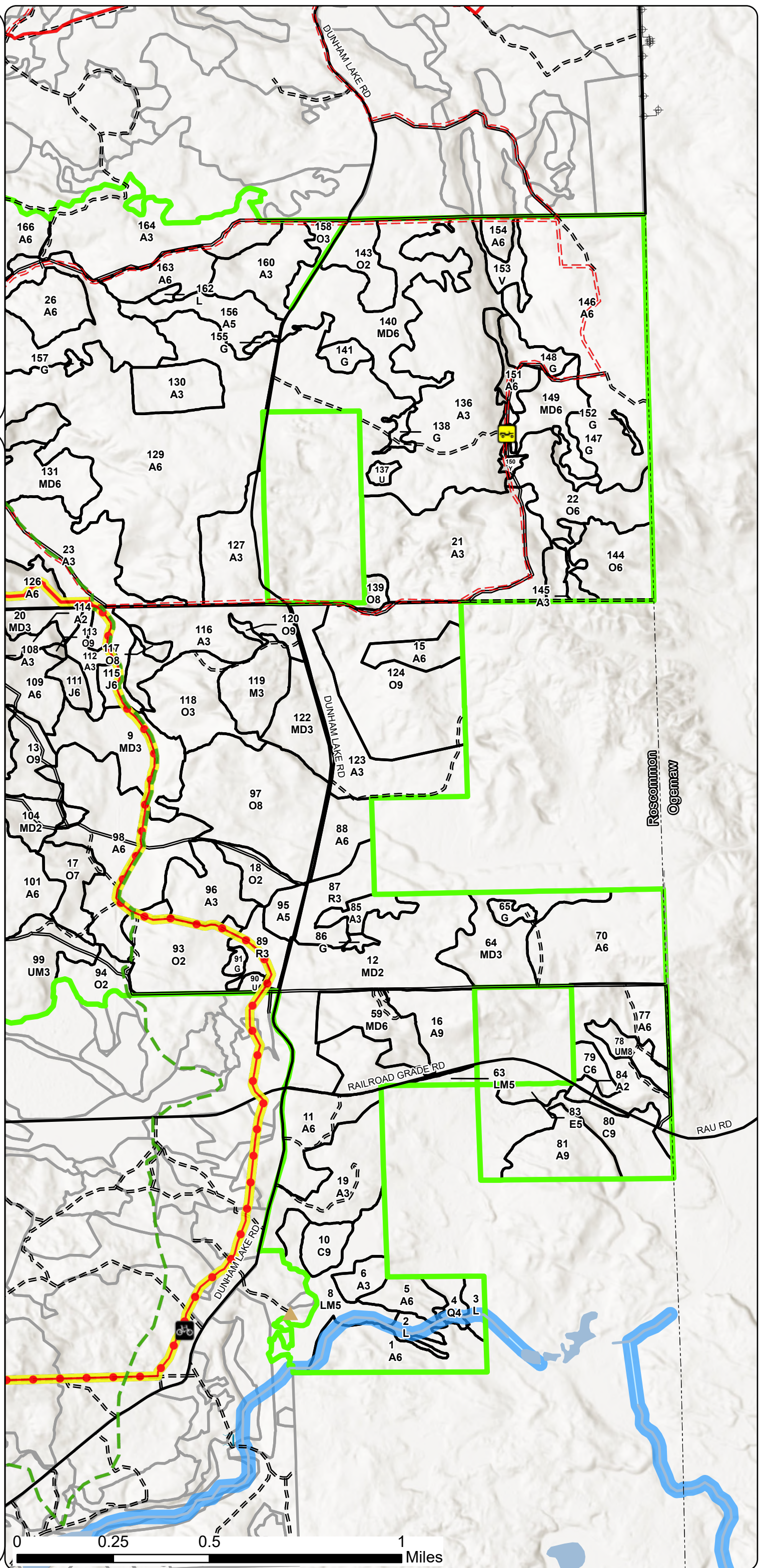
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-  Stand Boundaries
-  Cold Water Streams
-  High Priority Trout Stream Buffer



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Report 1 – Total Acres by Cover Type and Age Class



Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Uneven-Aged	Total
Aspen	0	373	104	265	305	0	523	0	0	0	0	24	0	0	0	0	0	0	1593
Bog	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Cedar	0	0	0	0	0	0	0	0	0	0	0	53	0	0	0	0	0	0	52
Herbaceous Openland	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32
Jack Pine	0	0	0	0	19	0	0	0	0	0	0	0	0	0	0	0	0	0	19
Low-Density Trees	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Lowland Conifers	0	0	0	0	0	0	0	0	0	23	0	6	0	0	0	0	0	0	29
Lowland Deciduous	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	5
Lowland Mixed Forest	0	0	0	3	0	0	0	0	0	0	32	0	0	0	0	0	0	0	35
Lowland Shrub	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40
Mixed Upland Deciduous	0	42	69	0	100	22	94	0	0	0	0	0	0	0	0	0	0	0	327
Northern Hardwood	0	0	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20
Oak	0	42	54	12	0	0	79	0	0	0	64	111	0	0	0	0	0	0	362
Red Pine	0	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29
Sand, Soil	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Upland Mixed Forest	0	0	0	46	0	0	0	0	0	0	9	0	0	0	0	0	0	0	55
Total	89	486	247	326	424	22	696	0	0	23	110	194	0	0	0	0	0	0	2614



Report 2 – Treatment Summary

Roscommon Mgt. Unit
Year of Entry: 2028

Acres of Harvest

Compartment 53
Total Compartment Acres: 2,613

Commercial Harvest - 636
Harvests with Site Condition - 0
Next Step Harvest - 0
Habitat Cut - 0

Cover Type by Harvest Method

		Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Oversky Removal	Salvage	Other	Total Acres
Aspen		286	0	0	0	0	0	0	0	0	286
Oak		0	0	0	0	0	64	0	0	0	64
Total		286	0	0	0	0	64	0	0	0	350

Proposed and Next Step Treatments by Method

		Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current		350	0	0	0	0	0	0	0	0	356
Next Step		0	0	0	0	0	286	0	0	0	319
Total		350	0	0	0	0	286	0	0	0	674



Standard

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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Proposed Treatments:

16	71053016-CCR	38.9	4130 - Aspen	9	56	141-170	Harvest	Clearcut	413 - Aspen	Planting Record	No
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Prescription Final harvest stand, cut all trees 2" and up, leave 3-10% area retention.Specs:Next Step Monitoring, Natural Regen (Re-Inventory)Treatments:Acceptable Aspen, Maple & Oak that meet minimum stocking requirements.Regen:Other Add drumming log spec.Comment:Site Condition:Proposed Start Date: 10/01/2027

65	71053065-Opening	3.5	3102 - Grass	99			Openings Mgmt.	Openings Mgmt.	310 - Herbaceous Openland	Previous Inventory	No
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Prescription Mow, cultivate, fertilize, seed as required to maintain established Wildlife Opening, Nine Mile 13.Specs:Next Step Openings Mgmt., Mowing; Openings Mgmt., Grass/Forb Planting; Openings Mgmt., Disking/Plowing; Openings Mgmt., Brush Mgmt.;Treatments: Openings Mgmt., Herbicide; Openings Mgmt., Other - SpecifyAcceptableRegen:OtherComment:Site Condition:Proposed Start Date: 10/01/2027

91	71053091-Opening	2.0	31021 - Cool Season Grass	99			Openings Mgmt.	Openings Mgmt.	310 - Herbaceous Openland	Previous Inventory	No
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Prescription Mow, cultivate, fertilize, seed as required to maintain established Wildlife Opening, Nine mile 11Specs:Next Step Openings Mgmt., Mowing; Openings Mgmt., Grass/Forb Planting; Openings Mgmt., Disking/Plowing; Openings Mgmt., Brush Mgmt.;Treatments: Openings Mgmt., Herbicide; Openings Mgmt., Other - SpecifyAcceptableRegen:OtherComment:Site Condition:Proposed Start Date: 10/01/2027



Standard

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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97	71053097-OR	64.4	4126 - White, Black, N. Pin Oak	8	96	51-80	Harvest	Overstory Removal	4124 - Red with White Oak	Planting Record	No
<u>Prescription</u> Overstory removal, protect oak saplings, mark 1-3 healthy large crowned white oak per acer to leave as a seed source. <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> <u>Regen:</u> <u>Other</u> Add hard oak wilt spec <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2027											
126	71053106-CCR	12.2	4130 - Aspen	6	52	81-110	Harvest	Clearcut	4131 - Aspen, Oak	Planting Record	No
<u>Prescription</u> Final harvest stand, cut all trees 2" and up, except do not cut unmerchantable oak. Leave 3-10% area retention. Any bent over or damaged unmerchantable oak must be severed prior to ending operations for aesthetics and regeneration. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Aspen, Oak, & Maple that meet minimum stocking requirements. <u>Regen:</u> <u>Other</u> Add drumming log spec. <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2027											
126	71053126-CCR	70.0	4130 - Aspen	6	52	81-110	Harvest	Clearcut	4131 - Aspen, Oak	Planting Record	No
<u>Prescription</u> Final harvest stand, cut all trees 2" and up, except do not cut unmerchantable oak. Leave 3-10% area retention. Any bent over or damaged unmerchantable oak must be severed prior to ending operations for aesthetics and regeneration. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Aspen, Oak, & Maple that meet minimum stocking requirements. <u>Regen:</u> <u>Other</u> Add drumming log spec. & brush pile spec along lowland edges <u>Comment:</u> Add recreational trail spec. <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2027											
146	71053146-CCR	112.1	4131 - Aspen, Oak	6	52	Unspecified	Harvest	Clearcut	413 - Aspen	Planting Record	No
<u>Prescription</u> Final harvest stand, cut all trees 2" and up, leave 3-10% area retention. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Aspen, Oak, Maple & Cherry that meet minimum stocking requirements. <u>Regen:</u> <u>Other</u> Add drumming log spec. Add Oak Wilt Spec. Add Recreational Trail Spec. Access may be challenging due to steep terrain, wood products will likely have to come out through the north off Snake Trail <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2027											



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

156 71053156-CCR 19.0 4131 - Aspen, Oak 5 52 81-110 Harvest Clearcut 4131 - Aspen, Oak Planting Record No

Prescription Final harvest stand, cut all trees 2" and up, except do not cut unmerchantable oak. Leave 3-10% area retention. All damaged/bent over
Specs: unmerchantable oak must be severed prior to finishing operations for aesthetics and growth

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

Acceptable Aspen, Oak, & Maple that meet minimum stocking requirements.
Regen:

Other Add drumming log spec. & brush pile spec. along lowland edge
Comment:

Site Condition:

Proposed Start Date: 10/01/2027

163 71053163-CCR 16.0 4130 - Aspen 6 52 111-140 Harvest Clearcut 413 - Aspen Planting Record No

Prescription Final harvest stand, cut all trees 2" and up, leave 3-10% area retention.
Specs:

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

Acceptable Aspen, Oak, & Maple that meet minimum stocking requirements.
Regen:

Other Add drumming log spec. & brush pile spec. along lowland edgeAdd recreational trail spec. Add oak wilt brushing spec.
Comment:

Site Condition:

Proposed Start Date: 10/01/2027

166 71053166-CCR 17.5 4130 - Aspen 6 52 111-140 Harvest Clearcut 413 - Aspen Planting Record No

Prescription Final harvest stand, cut all trees 2" and up, leave 3-10% area retention.
Specs:

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

Acceptable Aspen, Oak, & Maple that meet minimum stocking requirements.
Regen:

Other Add drumming log spec Add oak wilt spec. Add recreational trail spec.
Comment:

Site Condition:

Proposed Start Date: 10/01/2027

Total Treatment 355.6
Acreage Proposed:



Availability for Management

Total Acres Acres Available Acres With Condition Acres Not Available

Dominant Site Conditions

2F 2G 2H 5A 5E

1314	1253	0	60	Aspen	13		24		24
8	8	0	0	Bog					
52	0	0	53	Cedar		53			
32	32	0	0	Herbaceous Openland					
19	19	0	0	Jack Pine					
4	5	0	0	Low-Density Trees					
29	0	0	29	Lowland Conifers		23		6	
5	0	0	5	Lowland Deciduous		5			
36	3	0	32	Lowland Mixed Forest		32			
40	40	0	0	Lowland Shrub					
320	319	0	1	Mixed Upland Deciduous					1
20	20	0	0	Northern Hardwood					
348	339	0	10	Oak	4				6
29	29	0	0	Red Pine					
4	4	0	0	Sand, Soil					
54	54	0	0	Upland Mixed Forest					
2,313	2,124		190	Total Forested Acres	17	113	24	6	31
	92%		8%	Relative Percent					

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

Site No.	Dominant Site Cond	Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable		2F: Too steep	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:								
2	Unavailable		5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:								

Report 4 – Site Conditions



3	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
4	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Unavailable	5E: Long-Term Retention	2	2F: Too steep	Unspecified	Unspecified	Unspecified
Comments:							
8	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	41	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
9	Unavailable	2F: Too steep	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions



25	Unavailable	5A: Not able to obtain desirable regeneration	6	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							
30	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	43	3J: Water quality/BMPs (stream, river, or lake)	5A: Not able to obtain desirable regeneration	Unspecified	Unspecified
Comments:							
31	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	24	2B: Unknown if access through adjacent landowner(s) is possible	Unspecified	Unspecified	Unspecified
Comments:							
36	Unavailable	5E: Long-Term Retention	2	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	Unspecified	Unspecified	Unspecified
Comments:							
37	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	6	5A: Not able to obtain desirable regeneration	Unspecified	Unspecified	Unspecified
Comments:							
42	Unavailable	5E: Long-Term Retention	1	2F: Too steep	Unspecified	Unspecified	Unspecified
Comments: Appears to be long-term retention for the stand directly to the N/NE							

Report 4 – Site Conditions



43	Unavailable	5E: Long-Term Retention	2	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments: Appears to be retention for the harvest directly to the NE & SW							
44	Unavailable	5E: Long-Term Retention	1	2F: Too steep	Unspecified	Unspecified	Unspecified
Comments: Retention for the oak harvest directly to the east.							
45	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Retention for the surrounding harvest to the E/W							
48	Unavailable	2F: Too steep	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
49	Unavailable	5E: Long-Term Retention	15	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
52	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
53	Unavailable	5E: Long-Term Retention	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments: This is long-term retention from the aspen harvest that occurred in 2017.							

Report 4 – Site Conditions



55	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	1	3J: Water quality/BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments:							
57	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	23	3A: Conservation values incompatible with harvest at this time	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



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																					
1	4130 - Aspen	Poletimber Well	30.7	37	111-140	N/A	High quality site based off age and current size. Cut in 1990.																																					
<table> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> <tr> <td>Bigtooth Aspen</td> <td>78</td> <td>Pole</td> <td>8</td> <td>37</td> </tr> <tr> <td>Northern Pin Oak</td> <td>3</td> <td>Pole</td> <td>5</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>6</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>13</td> <td>Pole</td> <td>8</td> <td></td> </tr> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Bigtooth Aspen	78	Pole	8	37	Northern Pin Oak	3	Pole	5		Red Maple	6	Pole/Sapling	5		Quaking Aspen	13	Pole	8		<table> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> <tr> <td>Oak (spp.)</td> <td>Medium</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	Oak (spp.)	Medium	Variable	Variable	Red Maple	Medium	Variable	Variable				
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Red Maple	Medium	Variable	Variable																																									
2	6229 - Mixed Lowland Shrub	None	5.9			No	A flowing stream through this Stand 57. A old beaver dam was removed and it still hasn't recovered.																																					
		<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>Oak (spp.)</td> <td>Medium</td> <td>5 - 10 feet</td> <td>5 - 10 feet</td> </tr> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Medium	5 - 10 feet	5 - 10 feet	Oak (spp.)	Medium	5 - 10 feet	5 - 10 feet																													
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Balsam Fir	Medium	Variable	Variable																																									
4	6129 - Mixed Coniferous Lowland Forest	Poletimber Poor	5.6	100	51-80	N/A	Poor quality stand with areas devoid of cedar has dense tag alder undergrowth with some tamarack regen.																																					
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6	4130 - Aspen	Sapling Well	6.9	24	Immature	N/A	Cut the same time as aspen stand to the north. Created/froze a haul road from the north through the lowland along east edge																																					
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																															
8	6130 - Fir, Aspen, Maple	Poletimber Medium	32.4	91	51-80	N/A	Two-aged stand. Has a stream flowing through it. . An old haul road is located along the NE corner of the stand suspected to have been used when aspen to the E was harvested.																																															
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9	4199 - Other Mixed Upland Deciduous	Sapling Well	33.7	7	Immature	N/A	Was cut in the late summer/fall 2019.																																															
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10	6120 - Lowland Cedar	Sawtimber Well	8.8	100	171-200	N/A	Has a free flowing stream bisecting stand.																																															
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11	4131 - Aspen, Oak	Poletimber Well	23.9	34	81-110	N/A	Nice aspen clones north of the two track, remainder of stand primarily oak and red maple saplings.																																															
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12	4191 - Mixed Upland Deciduous with Conifer	Sapling Medium	70.4	34	Immature	N/A	Sale consisted of strips being laid out approximately 100 feet wide. Every other strip was cut starting in 1992 and the remaining strips done in 1998. Can't tell where the corresponding strips are now.																																															
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13	4121 - Oak, Aspen	Sawtimber Well	17.0	101	81-110	N/A	Lower basal area oak stand mixed with aspen																																															
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																														
15	4130 - Aspen	Poletimber Well	11.3	36	81-110	N/A	Cut in 1990. There are no access roads into this stand.																																														
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Bigtooth Aspen</td><td>71</td><td>Pole</td><td>9</td><td>36</td></tr><tr><td>Red Maple</td><td>29</td><td>Pole/Sapling</td><td>5</td><td></td></tr></table>			Canopy Species	% Cover	Size Class	DBH	Age	Bigtooth Aspen	71	Pole	9	36	Red Maple	29	Pole/Sapling	5		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Red Maple</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	High	10 - 20 feet	10 - 20 feet																								
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16	4130 - Aspen	Sawtimber Well	38.9	56	141-170	N/A	Nice aspen stand. Fair amount of witch hazel on east portion of stand																																														
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Bigtooth Aspen</td><td>51</td><td>Log</td><td>10</td><td>56</td></tr><tr><td>Red Maple</td><td>13</td><td>Pole</td><td>7</td><td></td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>10</td><td>Pole/Log</td><td>9</td><td></td></tr><tr><td>White Oak</td><td>1</td><td>Pole</td><td>8</td><td></td></tr><tr><td>Quaking Aspen</td><td>25</td><td>Pole</td><td>9</td><td></td></tr></table>			Canopy Species	% Cover	Size Class	DBH	Age	Bigtooth Aspen	51	Log	10	56	Red Maple	13	Pole	7		Black/Red (Hybrid) Oak	10	Pole/Log	9		White Oak	1	Pole	8		Quaking Aspen	25	Pole	9		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Oak (spp.)</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Red Maple</td><td>Medium</td><td>>20 feet</td><td>>20 feet</td></tr><tr><td>Witch Hazel</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>				Sub-Canopy Species	Density	Avg. Height	Size	Oak (spp.)	Low	5 - 10 feet	5 - 10 feet	Red Maple	Medium	>20 feet	>20 feet	Witch Hazel	Medium	5 - 10 feet	5 - 10 feet	
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17	4124 - Red with White Oak	Sawtimber Poor	14.9	101	1-50	N/A	Stand was cut in the late summer/fall 2019. Actual survey date 1/27/2016 (corrupted data).																																														
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Oak</td><td>80</td><td>Log</td><td>13</td><td>101</td></tr><tr><td>White Oak</td><td>20</td><td>Log/Pole</td><td>11</td><td></td></tr></table>			Canopy Species	% Cover	Size Class	DBH	Age	Red Oak	80	Log	13	101	White Oak	20	Log/Pole	11		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Red Maple</td><td>Medium</td><td>Variable</td><td>Variable</td></tr><tr><td>Oak (spp.)</td><td>Medium</td><td>Variable</td><td>Variable</td></tr></table>				Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Medium	Variable	Variable	Oak (spp.)	Medium	Variable	Variable																				
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18	4125 - Black, N. Pin Oak	Sapling Medium	9.9	18	Immature	N/A	Was final harvest leaving all red pine and some additional oaks for mast. This totaled about 20 basal area average. The new stand is coming in with a good mix of oaks, aspen, pine. Actual survey date: 1/29/2016 (corrupted data).																																														
<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>50</td><td>Sapling</td><td>1</td><td>18</td></tr><tr><td>Bigtooth Aspen</td><td>22</td><td>Sapling</td><td>2</td><td></td></tr><tr><td>White Oak</td><td>17</td><td>Sapling</td><td>1</td><td></td></tr><tr><td>Jack Pine</td><td>5</td><td>Sapling</td><td>1</td><td></td></tr><tr><td>White Oak</td><td>2</td><td>Log</td><td>11</td><td></td></tr><tr><td>Northern Pin Oak</td><td>2</td><td>Log</td><td>12</td><td></td></tr><tr><td>Red Pine</td><td>2</td><td>Log</td><td>12</td><td></td></tr></table>			Canopy Species	% Cover	Size Class	DBH	Age	Northern Pin Oak	50	Sapling	1	18	Bigtooth Aspen	22	Sapling	2		White Oak	17	Sapling	1		Jack Pine	5	Sapling	1		White Oak	2	Log	11		Northern Pin Oak	2	Log	12		Red Pine	2	Log	12												
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19	4139 - Aspen, Mixed Deciduous	Sapling Well	34.4	24	Immature	N/A	Some areas appear to have regenerated slower than others. There is a natural spring coming out of a hillside at the southeast corner next to the private property creating a free stream at least 2 feet wide.																																														
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Bigtooth Aspen</td><td>45</td><td>Sapling/Pole</td><td>4</td><td>24</td></tr><tr><td>Quaking Aspen</td><td>11</td><td>Sapling/Pole</td><td>4</td><td>24</td></tr><tr><td>Red Maple</td><td>25</td><td>Sapling</td><td>3</td><td></td></tr><tr><td>Northern Pin Oak</td><td>12</td><td>Sapling</td><td>3</td><td></td></tr><tr><td>Balsam Fir</td><td>2</td><td>Pole</td><td>8</td><td></td></tr><tr><td>Paper Birch</td><td>5</td><td>Sapling</td><td>4</td><td></td></tr></table>			Canopy Species	% Cover	Size Class	DBH	Age	Bigtooth Aspen	45	Sapling/Pole	4	24	Quaking Aspen	11	Sapling/Pole	4	24	Red Maple	25	Sapling	3		Northern Pin Oak	12	Sapling	3		Balsam Fir	2	Pole	8		Paper Birch	5	Sapling	4		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Red Maple</td><td>Full</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Balsam Fir</td><td>Low</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr></table>				Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Full	10 - 20 feet	10 - 20 feet	Balsam Fir	Low	10 - 20 feet	10 - 20 feet
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																						
20	4191 - Mixed Upland Deciduous with Conifer	Sapling Well	8.3	6	1-50	N/A	Retention pocket in NE corner of the stand. Cut in the late summer 2019.																																																						
<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>55</td> <td>Sapling</td> <td>1</td> <td>6</td> </tr> <tr> <td>Jack Pine</td> <td>27</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>10</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>3</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Black Cherry</td> <td>5</td> <td>Sapling</td> <td>1</td> <td></td> </tr> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Black/Red (Hybrid) Oak	55	Sapling	1	6	Jack Pine	27	Sapling	1		Bigtooth Aspen	10	Sapling	1		Red Maple	3	Sapling	1		Black Cherry	5	Sapling	1																									
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21	4131 - Aspen, Oak	Sapling Well	80.2	22	Immature	N/A	Harvest done in 2004. Hilly terrain. Majority of oak is more in the northern portion of stand. Seems to be regenerating well																																																						
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22	4125 - Black, N. Pin Oak	Poletimber Well	35.8	52	81-110	N/A	Possible access issue. Lower quality than o stand to s																																																						
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23	4131 - Aspen, Oak	Sapling Well	163.4	9	Immature	N/A	Final harvested Summer 2019. Regenerating well, good diversity. Slightly more aspen in the northern portion of this stand.																																																						
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																
26	4131 - Aspen, Oak	Poletimber Well	18.1	52	111-140	N/A	On a little knoll, decent sized aspen with smaller diameter oak																																																
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59	4199 - Other Mixed Upland Deciduous	Poletimber Well	22.3	49	81-110	N/A	Fair amount of stump sprouting. Areas containing the aspen clones have a higher basal area.																																																
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63	6130 - Fir, Aspen, Maple	Poletimber Medium	3.2	25	Immature	N/A	Harvested in 2001 to address an illegal road. Landowner still accesses residence through this.																																																
<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>19</td><td>Pole/Sapling</td><td>7</td><td></td></tr><tr><td>Bigtooth Aspen</td><td>5</td><td>Sapling/Pole</td><td>4</td><td>25</td></tr><tr><td>Northern White Cedar</td><td>4</td><td>Pole/Log</td><td>9</td><td></td></tr><tr><td>Balsam Fir</td><td>40</td><td>Pole</td><td>6</td><td>25</td></tr><tr><td>Paper Birch</td><td>32</td><td>Sapling</td><td>4</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	19	Pole/Sapling	7		Bigtooth Aspen	5	Sapling/Pole	4	25	Northern White Cedar	4	Pole/Log	9		Balsam Fir	40	Pole	6	25	Paper Birch	32	Sapling	4		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Red Maple</td><td>Medium</td><td>< 5 feet</td><td>< 5 feet</td></tr><tr><td>Oak (spp.)</td><td>Low</td><td>< 5 feet</td><td>< 5 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Medium	< 5 feet	< 5 feet	Oak (spp.)	Low	< 5 feet	< 5 feet										
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Paper Birch	32	Sapling	4																																																				
Sub-Canopy Species	Density	Avg. Height	Size																																																				
Red Maple	Medium	< 5 feet	< 5 feet																																																				
Oak (spp.)	Low	< 5 feet	< 5 feet																																																				
64	4191 - Mixed Upland Deciduous with Conifer	Sapling Well	30.0	34	Immature	N/A	Sale consisted of strips being laid out approximately 100 feet wide. Every other strip was cut starting in 1992 and the remaining strips done in 1998. Not able to differentiate between the strips now. Odd 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>19</td><td>Sapling/Pole</td><td>4</td><td>34</td></tr><tr><td>White Oak</td><td>3</td><td>Sapling</td><td>3</td><td></td></tr><tr><td>White Pine</td><td>20</td><td>Log</td><td>12</td><td></td></tr><tr><td>White Pine</td><td>3</td><td>Sapling</td><td>4</td><td></td></tr><tr><td>Red Maple</td><td>30</td><td>Sapling</td><td>4</td><td>34</td></tr><tr><td>Quaking Aspen</td><td>10</td><td>Pole</td><td>6</td><td></td></tr><tr><td>Jack Pine</td><td>5</td><td>Sapling</td><td>4</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age	Northern Pin Oak	19	Sapling/Pole	4	34	White Oak	3	Sapling	3		White Pine	20	Log	12		White Pine	3	Sapling	4		Red Maple	30	Sapling	4	34	Quaking Aspen	10	Pole	6		Jack Pine	5	Sapling	4		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Oak (spp.)</td><td>Medium</td><td>< 5 feet</td><td>< 5 feet</td></tr><tr><td>Jack Pine</td><td>Low</td><td>< 5 feet</td><td>< 5 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Oak (spp.)	Medium	< 5 feet	< 5 feet	Jack Pine	Low	< 5 feet	< 5 feet
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65	3102 - Grass	None	3.5			Yes	Grass opening maintained by Wildlife Division.																																																
		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Big Bluestem</td><td>Medium</td><td>Not Applicable</td><td>Not Applicable</td></tr><tr><td>Bigtooth Aspen</td><td>Low</td><td>< 5 feet</td><td>< 5 feet</td></tr><tr><td>Bracken Fern</td><td>Low</td><td>Not Applicable</td><td>Not Applicable</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Big Bluestem	Medium	Not Applicable	Not Applicable	Bigtooth Aspen	Low	< 5 feet	< 5 feet	Bracken Fern	Low	Not Applicable	Not Applicable																																				
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																		
70	4139 - Aspen, Mixed Deciduous	Poletimber Well	49.4	26	1-50	N/A	Growing in well. Heavier red maple component than some stands																																																		
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Bigtooth Aspen</td><td>57</td><td>Pole</td><td>5</td><td>26</td></tr><tr><td>Red Maple</td><td>38</td><td>Sapling/Pole</td><td>4</td><td>26</td></tr><tr><td>Northern Pin Oak</td><td>5</td><td>Sapling/Pole</td><td>4</td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Bigtooth Aspen	57	Pole	5	26	Red Maple	38	Sapling/Pole	4	26	Northern Pin Oak	5	Sapling/Pole	4																															
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77	4130 - Aspen	Poletimber Well	38.0	33	111-140	N/A	Very nice aspen stand. Cut in 1991.																																																		
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Bigtooth Aspen</td><td>73</td><td>Pole</td><td>8</td><td>33</td></tr><tr><td>Northern Pin Oak</td><td>2</td><td>Pole</td><td>5</td><td></td></tr><tr><td>Red Maple</td><td>23</td><td>Pole</td><td>7</td><td></td></tr><tr><td>White Pine</td><td>2</td><td>Pole</td><td>6</td><td></td></tr></table> <table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Oak (spp.)</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>Red Maple</td><td>Medium</td><td>Variable</td><td>Variable</td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Bigtooth Aspen	73	Pole	8	33	Northern Pin Oak	2	Pole	5		Red Maple	23	Pole	7		White Pine	2	Pole	6		Sub-Canopy Species	Density	Avg. Height	Size	Oak (spp.)	Low	Variable	Variable	Red Maple	Medium	Variable	Variable													
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78	4310 - Pine, Oak Mix	Sawtimber Medium	8.8	98	81-110	N/A	Sale completed in the winter 2008. Almost two different stands with the west half being saw class oak and some red pine around 70 basal area, and the east half is dense white pine with 130 average basal area. The corresponding overstory type is where find the same species for regeneration in the higher amounts. Do find the other species in more minimal amounts. Recommend hold stand another rotation to stagger oak age classes In compartment.																																																		
<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>50</td><td>Log</td><td>14</td><td>98</td></tr><tr><td>White Oak</td><td>5</td><td>Log</td><td>14</td><td></td></tr><tr><td>White Pine</td><td>43</td><td>Pole</td><td>7</td><td>61</td></tr><tr><td>Red Pine</td><td>2</td><td>Log</td><td>14</td><td></td></tr></table> <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>Variable</td><td>Variable</td></tr><tr><td>Oak (spp.)</td><td>High</td><td>Variable</td><td>Variable</td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Northern Pin Oak	50	Log	14	98	White Oak	5	Log	14		White Pine	43	Pole	7	61	Red Pine	2	Log	14		Sub-Canopy Species	Density	Avg. Height	Size	White Pine	High	Variable	Variable	Oak (spp.)	High	Variable	Variable													
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79	6120 - Lowland Cedar	Poletimber Well	5.9	101	141-170	N/A	Cedar component starting to slip in this stand to be replaced by red maple a balsam fire. Has a stream flowing off the private land through this stand and tying into the stream that parallels the north edge of Railroad Grade Road.																																																		
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Northern White Cedar</td><td>53</td><td>Pole/Log</td><td>9</td><td>101</td></tr><tr><td>Red Maple</td><td>31</td><td>Pole/Log</td><td>9</td><td></td></tr><tr><td>Paper Birch</td><td>1</td><td>Pole</td><td>8</td><td></td></tr><tr><td>Black Spruce</td><td>3</td><td>Pole/Log</td><td>8</td><td></td></tr><tr><td>Balsam Fir</td><td>12</td><td>Pole</td><td>8</td><td></td></tr></table> <table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Ash (spp.)</td><td>Low</td><td>< 5 feet</td><td>< 5 feet</td></tr><tr><td>Red Maple</td><td>Low</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Tag Alder</td><td>High</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Balsam Fir</td><td>Medium</td><td>Variable</td><td>Variable</td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Northern White Cedar	53	Pole/Log	9	101	Red Maple	31	Pole/Log	9		Paper Birch	1	Pole	8		Black Spruce	3	Pole/Log	8		Balsam Fir	12	Pole	8		Sub-Canopy Species	Density	Avg. Height	Size	Ash (spp.)	Low	< 5 feet	< 5 feet	Red Maple	Low	10 - 20 feet	10 - 20 feet	Tag Alder	High	5 - 10 feet	5 - 10 feet	Balsam Fir	Medium	Variable	Variable
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80	6120 - Lowland Cedar	Sawtimber Well	37.8	101	141-170	N/A	Good sized free flowing streams in 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 White Cedar</td><td>51</td><td>Log/Pole</td><td>10</td><td>101</td></tr><tr><td>White Pine</td><td>3</td><td>Log/XLog/Pole</td><td>14</td><td></td></tr><tr><td>Red Maple</td><td>30</td><td>Pole/Log</td><td>9</td><td></td></tr><tr><td>Black Spruce</td><td>6</td><td>Log/Pole</td><td>10</td><td></td></tr><tr><td>Balsam Fir</td><td>10</td><td>Pole</td><td>7</td><td></td></tr></table> <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>Variable</td><td>Variable</td></tr><tr><td>Red Maple</td><td>Medium</td><td>Variable</td><td>Variable</td></tr><tr><td>White Pine</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>Tag Alder</td><td>High</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Northern White Cedar	51	Log/Pole	10	101	White Pine	3	Log/XLog/Pole	14		Red Maple	30	Pole/Log	9		Black Spruce	6	Log/Pole	10		Balsam Fir	10	Pole	7		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Medium	Variable	Variable	Red Maple	Medium	Variable	Variable	White Pine	Low	Variable	Variable	Tag Alder	High	5 - 10 feet	5 - 10 feet
Canopy Species	% Cover	Size Class	DBH	Age																																																					
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
81	4130 - Aspen	Sawtimber Well	23.6	101	81-110	N/A	Very nice aspen that could be harvested but the land is an upland peninsula surrounded on the three sides by a cedar swamp. The cedar swamp at the narrowest has a free flowing stream and very steep walls. The distance to span is longer than any temporary bridge we have. The south line is private and would be the only feasible means for access.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Bigtooth Aspen	62	Log/Pole	10	101	Oak (spp.)	Low		Variable	Variable
Red Maple	16	Pole/Log	9		Red Maple	Medium		Variable	Variable
Northern Pin Oak	4	Log	12						
Quaking Aspen	18	Pole/Log	9						
83	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Medium	5.1	91	51-80	N/A	A small wet ground stand with thick balsam fir understory. Best to leave stand alone and not disturb the soils for minimal product available. Good habitat now.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Red Maple	47	Pole/Log	9	91	Balsam Fir	Full		Variable	Variable
Quaking Aspen	30	Pole	8		Red Maple	Low		Variable	Variable
Northern White Cedar	15	Log/Pole	10						
Balsam Fir	8	Pole/Sapling	7						
84	4130 - Aspen	Sapling Medium	2.1	17	Immature	N/A	Sale cut winter 2008. Decent aspen regeneration on a ridge top between a road and steep drop-off into a cedar type.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Quaking Aspen	78	Sapling	2	17	Oak (spp.)	Low		< 5 feet	< 5 feet
Red Maple	16	Sapling	2	17					
Paper Birch	1	Pole	7						
Northern Pin Oak	5	Sapling	1						
85	4130 - Aspen	Sapling Well	7.9	34	Immature	N/A	A poor quality aspen stand.		
Canopy Species	% Cover	Size Class	DBH	Age					
Bigtooth Aspen	98	Sapling/Pole	4	34					
Northern Pin Oak	2	Sapling	2						
86	3102 - Grass	None	1.5			No			
Sub-Canopy Species	Density	Avg. Height	Size						
Jack Pine	Low	10 - 20 feet	10 - 20 feet						
87	42110 - Planted Red Pine	Sapling Well	17.7	4	Immature	N/A	Final harvested in the late summer/fall 2019. Trenched in 05/2020 by private contractor. Site prep sprayed summer 2021. Planted 873 TPA spring 2022. Year 1 regen check was good. Year 3 regen check shows 792 TPA at 88% FTG. Seems to be growing well.		
Canopy Species	% Cover	Size Class	DBH	Age					
Jack Pine	10	Sapling	1						
Black/Red (Hybrid) Oak	10	Sapling	1						
Red Pine	77	Sapling	1	4					
Bigtooth Aspen	3	Sapling	1						





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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																		
111	42221 - Natural Jack Pine, Mixed Deciduous	Poletimber Well	5.6	37	51-80	N/A	Jack pine stand mixed with oak, maple, and aspen. Good amount of oak regeneration. Currently it should hold to rotation age. There is a 1/4 acre island of saw class sized oaks on the northwest line. Good for mast production.																																		
<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>60</td><td>Pole/Sapling</td><td>6</td><td>37</td></tr><tr><td>Red Maple</td><td>11</td><td>Pole</td><td>5</td><td></td></tr><tr><td>Quaking Aspen</td><td>6</td><td>Pole</td><td>5</td><td></td></tr><tr><td>Northern Pin Oak</td><td>21</td><td>Pole</td><td>6</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Jack Pine	60	Pole/Sapling	6	37	Red Maple	11	Pole	5		Quaking Aspen	6	Pole	5		Northern Pin Oak	21	Pole	6		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Oak (spp.)</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Red Maple</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Oak (spp.)	Medium	5 - 10 feet	5 - 10 feet	Red Maple	Low	5 - 10 feet	5 - 10 feet
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112	4131 - Aspen, Oak	Sapling Well	8.9	30	1-50	N/A	Low quality aspen stand.																																		
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113	4125 - Black, N. Pin Oak	Sawtimber Well	1.0	103	81-110	N/A	Very steep north facing slope that is inoperable. Leave for retention and site condition it.																																		
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114	4131 - Aspen, Oak	Sapling Medium	6.5	18	Immature	N/A	Stand was harvested in 2008. Coming back in to aspen with a component of oak and maple. There is decent oak regeneration in the understory. Some residual saw class oaks 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>Quaking Aspen</td><td>52</td><td>Sapling</td><td>2</td><td>18</td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>25</td><td>Sapling</td><td>1</td><td></td></tr><tr><td>White Oak</td><td>3</td><td>Sapling</td><td>1</td><td></td></tr><tr><td>Red Maple</td><td>15</td><td>Sapling</td><td>2</td><td>18</td></tr><tr><td>Black Cherry</td><td>5</td><td>Sapling</td><td>2</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Quaking Aspen	52	Sapling	2	18	Black/Red (Hybrid) Oak	25	Sapling	1		White Oak	3	Sapling	1		Red Maple	15	Sapling	2	18	Black Cherry	5	Sapling	2										
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Black Cherry	5	Sapling	2																																						
115	42221 - Natural Jack Pine, Mixed Deciduous	Poletimber Well	13.0	37	1-50	N/A	Small and clumpy																																		
<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>63</td><td>Pole/Sapling</td><td>6</td><td>37</td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>15</td><td>Sapling/Pole</td><td>4</td><td></td></tr><tr><td>White Oak</td><td>2</td><td>Sapling/Pole</td><td>4</td><td></td></tr><tr><td>Bigtooth Aspen</td><td>20</td><td>Pole</td><td>6</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Jack Pine	63	Pole/Sapling	6	37	Black/Red (Hybrid) Oak	15	Sapling/Pole	4		White Oak	2	Sapling/Pole	4		Bigtooth Aspen	20	Pole	6		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Oak (spp.)</td><td>High</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Oak (spp.)	High	5 - 10 feet	5 - 10 feet				
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																				
116	4130 - Aspen	Sapling Well	38.1	25	Immature	N/A																																																					
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117	4125 - Black, N. Pin Oak	Sawtimber Medium	2.4	101	51-80	N/A	Appears to be retention for the harvest directly to the NE & SW																																																				
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118	4125 - Black, N. Pin Oak	Sapling Well	28.7	18	Immature	N/A	Seed tree in 2008 aiming to leave 10 basal area of oaks. Regenerating well																																																				
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119	4116 - Mixed N. Hardwood - Aspen	Sapling Well	20.0	17	Immature	N/A	This stand was to be burnt and have red pine inter-planted around the oak 20-30 basal area oak seed tree overstory left last Y.O.E.. However, it was not burnt soon enough post-harvest and a subsequent visit by a prescribed burn specialist and unit manager have determined the red maple is to large/dense to treat by burning. Only other method to treat maple is by herbicide. The maple is to tall for ground spraying so it will have to be aerial. It was decided on a site inspection and subsequent Compartment Review to let this stand go as is to maple and aspen. The regeneration is to far along now to feasible treat.																																																				
<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>62</td><td>Sapling</td><td>2</td><td>17</td></tr><tr><td>Bigtooth Aspen</td><td>28</td><td>Sapling</td><td>2</td><td>17</td></tr><tr><td>Northern Pin Oak</td><td>3</td><td>Sapling</td><td>1</td><td></td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>3</td><td>Log</td><td>12</td><td></td></tr><tr><td>Pin Cherry</td><td>2</td><td>Sapling</td><td>1</td><td></td></tr><tr><td>White Oak</td><td>2</td><td>Log</td><td>11</td><td></td></tr></table>			Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	62	Sapling	2	17	Bigtooth Aspen	28	Sapling	2	17	Northern Pin Oak	3	Sapling	1		Black/Red (Hybrid) Oak	3	Log	12		Pin Cherry	2	Sapling	1		White Oak	2	Log	11		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Oak (spp.)</td><td>Medium</td><td>< 5 feet</td><td>< 5 feet</td></tr><tr><td>Red Maple</td><td>Medium</td><td>< 5 feet</td><td>< 5 feet</td></tr></table>			Sub-Canopy Species	Density	Avg. Height	Size	Oak (spp.)	Medium	< 5 feet	< 5 feet	Red Maple	Medium	< 5 feet	< 5 feet							
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120	4123 - Red Oak	Sawtimber Well	1.5	100	111-140	N/A	Retention for the immediately surrounding harvest.																																																				
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																			
122	4199 - Other Mixed Upland Deciduous	Sapling Well	19.4	17	Immature	N/A	The original prescription for this stand was to burn the stand to remove competition from maple/cherry and then interplant with red pine. The site was looked at by Fire Staff and was determined a prescribed burn would not deal with the maple at its current size/density. Inspection of stand during inventory and from observation during prior months, it is all most certain a pocket of oak wilt is in the stand in the southern tip. Site was approved to plant red pine last Y.O.E.. It was decided to let this stand stay as is at the Compartment Review and not try to establish pine. The maple regeneration is to far advanced at this time to treat.																																			
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123	4130 - Aspen	Sapling Well	41.7	7	Immature	N/A	Harvested in the fall of 2019, left all unmerchantable oak and 10 basal area of large oaks for mast / visual. Good regeneration and some oak regeneration under the left oaks.																																			
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124	4123 - Red Oak	Sawtimber Well	70.7	104	81-110	N/A	Aspen & Red Maple were removed in 1990 & some oak was thinned. Thick red maple understory 1-2" dbh. Stand was thinned in the fall 2019 with heavy rm understory. Goal was to promote oak, appears to have emboldened the red maple instead. Dead pocket following 2019 harvest in Southern portion 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 Oak</td><td>88</td><td>Log/Pole</td><td>12</td><td>104</td></tr><tr><td>White Oak</td><td>11</td><td>Log/Pole</td><td>10</td><td></td></tr><tr><td>White Pine</td><td>1</td><td>Pole</td><td>8</td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Red Oak	88	Log/Pole	12	104	White Oak	11	Log/Pole	10		White Pine	1	Pole	8																
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126	4130 - Aspen	Poletimber Well	70.0	52	81-110	N/A	Slightly smaller than other aspen stands its age, some larger saw logs scattered throughout. Rolling terrain.																																			
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127	4131 - Aspen, Oak	Sapling Well	28.7	22	Immature	N/A	Dense aspen regeneration of the ridge tops and partially down the slope sides. The bottom of the slopes and valley bottoms contain mainly oak stump sprouts and cherry.																																			
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
144	4125 - Black, N. Pin Oak	Poletimber Well	24.0	55	51-80	N/A	Oaks mostly multi-stemmed stump sprouts. In a shallow valley. Nice to see a younger oak stand moderate quality		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Red Maple	2	Pole/Sapling	7		Witch Hazel	Medium		5 - 10 feet	5 - 10 feet
White Oak	10	Pole/Sapling	7		Oak (spp.)	Medium		>20 feet	>20 feet
Bigtooth Aspen	20	Pole	8						
Black/Red (Hybrid) Oak	68	Pole	8	55					
145	4131 - Aspen, Oak	Sapling Well	5.0	9	Immature	N/A	Cut in the summer 2017.		
Canopy Species	% Cover	Size Class	DBH	Age					
Bigtooth Aspen	77	Sapling	1	9					
Northern Pin Oak	20	Sapling	1						
Red Maple	3	Sapling	1						
146	4131 - Aspen, Oak	Poletimber Well	112.1	52	Unspecified	N/A	Nice aspen with a good amount of stump sprouted oak. Quite steep terrain for Roscommon County. An ORV trail bisects through the stand. Access may be challenging, trucks may only be able to go out to the north through C131. The roads running on the north and south may pose difficulty for large trucks due to steepness and sandy soils.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Bigtooth Aspen	41	Pole/Log	9	52	Red Maple	Low		Variable	Variable
Black/Red (Hybrid) Oak	20	Pole/Log	9		Oak (spp.)	High		Variable	Variable
White Oak	5	Pole/Sapling	7						
Black Cherry	5	Pole/Sapling	6						
Quaking Aspen	29	Pole	8						
147	3102 - Grass	None	3.2			No	Grass valley with some scattered jack pine on the perimeter.		
148	3102 - Grass	None	8.4			No	The west half contains two separate bowls and seasonally hold water. There are defined stream channels leading from the leatherleaf bog to the north, Stand 4, southerly into the first bowl and subsequently south to the southern bowl. There is willow brush in these bowls. The east half is grass slope with some scattered pin oak. The ORV route runs along the southern edge of this stand and luckily they have not gone mudding in the wet bowls.		
149	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	19.3	52	51-80	N/A	Diverse stand of moderate quality.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	
Black/Red (Hybrid) Oak	50	Pole/Sapling	7	52	Oak (spp.)	Medium	Variable	Variable	
Quaking Aspen	25	Pole	8						
Jack Pine	20	Pole/Log	9						
Black Cherry	5	Pole/Sapling	5						



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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																													
150	710 - Sand, Soil	None	3.8			No	Grass opening/barren sand stand in the bottom of a valley containing an ORV route. The ORV's have created a hill climb in the southern part of the stand up the side slopes. This has resulted in excessive erosion. Recommend when surrounding stands are treated by a timber sale that brush is acquired from them and used to brush the slopes in to stops traffic from further eroding the slopes.																																													
151	4130 - Aspen	Poletimber Well	7.7	52	Unspecified	N/A	Poor quality stand on steep slope.																																													
<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>Quaking Aspen</td><td>100</td><td>Pole</td><td>6</td><td>52</td><td>Oak (spp.)</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	Quaking Aspen	100	Pole	6	52	Oak (spp.)	Low	Variable	Variable																											
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Quaking Aspen	100	Pole	6	52	Oak (spp.)	Low	Variable	Variable																																												
152	3102 - Grass	None	1.3			No	Grass valley within an aspen stand that has some scattered oaks and cherry about.																																													
<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>Low</td><td>>20 feet</td><td>>20 feet</td></tr><tr><td>Pin Cherry</td><td>Low</td><td>Variable</td><td>Variable</td></tr></table>								Sub-Canopy Species	Density	Avg. Height	Size	Northern Pin Oak	Low	>20 feet	>20 feet	Pin Cherry	Low	Variable	Variable																																	
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Pin Cherry	Low	Variable	Variable																																																	
153	6225 - Bog	None	7.7			No	Leatherleaf bog that has two narrow grassed valleys running one on either side, to the north.																																													
<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Leatherleaf</td><td>Full</td><td>< 5 feet</td><td>< 5 feet</td></tr></table>								Sub-Canopy Species	Density	Avg. Height	Size	Leatherleaf	Full	< 5 feet	< 5 feet																																					
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Leatherleaf	Full	< 5 feet	< 5 feet																																																	
154	4130 - Aspen	Poletimber Well	5.1	52	Unspecified	N/A	Ridge peninsula with steep slopes on the three sides.. Best to leave the stand and not treat as to keep the slope vegetated preventing erosion																																													
<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>Bigtooth Aspen</td><td>90</td><td>Pole/Log</td><td>8</td><td>52</td><td>Black/Red (Hybrid) Oak</td><td>Medium</td><td>Variable</td><td>Variable</td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>10</td><td>Pole</td><td>6</td><td></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	Bigtooth Aspen	90	Pole/Log	8	52	Black/Red (Hybrid) Oak	Medium	Variable	Variable	Black/Red (Hybrid) Oak	10	Pole	6																							
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Black/Red (Hybrid) Oak	10	Pole	6																																																	
155	3102 - Grass	None	1.3			No	Grass opening with a few oaks on the perimeter. Evidence of camping spot.																																													
<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>Low</td><td>>20 feet</td><td>>20 feet</td></tr></table>								Sub-Canopy Species	Density	Avg. Height	Size	Northern Pin Oak	Low	>20 feet	>20 feet																																					
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Northern Pin Oak	Low	>20 feet	>20 feet																																																	
156	4131 - Aspen, Oak	Poletimber Medium	19.0	52	81-110	N/A	A fire occurred in this stand in recent history started in the opening to the south. Nice amount of oak regeneration. More of an open canopy compared to the other aspen adjacent stands. Lower density to east. Seems like a lower quality site																																													
<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/Red (Hybrid) Oak</td><td>22</td><td>Pole</td><td>7</td><td></td><td>Oak (spp.)</td><td>High</td><td>Variable</td><td>Variable</td></tr><tr><td>Bigtooth Aspen</td><td>60</td><td>Pole</td><td>8</td><td>52</td><td>Red Maple</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>White Oak</td><td>4</td><td>Pole</td><td>7</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Quaking Aspen</td><td>14</td><td>Pole</td><td>9</td><td></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	Black/Red (Hybrid) Oak	22	Pole	7		Oak (spp.)	High	Variable	Variable	Bigtooth Aspen	60	Pole	8	52	Red Maple	Low	Variable	Variable	White Oak	4	Pole	7						Quaking Aspen	14	Pole	9					
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size																																												
Black/Red (Hybrid) Oak	22	Pole	7		Oak (spp.)	High	Variable	Variable																																												
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White Oak	4	Pole	7																																																	
Quaking Aspen	14	Pole	9																																																	
157	310 - Herbaceous Openland	None	1.1			No	Scattered oak and cherry in a grass depression.																																													
<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>Low</td><td>>20 feet</td><td>>20 feet</td></tr></table>								Sub-Canopy Species	Density	Avg. Height	Size	Northern Pin Oak	Low	>20 feet	>20 feet																																					
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																										
158	4126 - White, Black, N. Pin Oak	Sapling Well	6.8	9	Immature	N/A	Seed tree harvested in the spring of 2017. Cut the oak and white pine down to 5 inches.																																										
<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>22</td><td>Sapling</td><td>1</td><td></td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>44</td><td>Sapling</td><td>1</td><td>9</td></tr><tr><td>Jack Pine</td><td>1</td><td>Sapling</td><td>1</td><td></td></tr><tr><td>White Pine</td><td>3</td><td>Sapling</td><td>1</td><td></td></tr><tr><td>Quaking Aspen</td><td>29</td><td>Sapling</td><td>1</td><td></td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>1</td><td>Log</td><td>11</td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	White Oak	22	Sapling	1		Black/Red (Hybrid) Oak	44	Sapling	1	9	Jack Pine	1	Sapling	1		White Pine	3	Sapling	1		Quaking Aspen	29	Sapling	1		Black/Red (Hybrid) Oak	1	Log	11								
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Jack Pine	1	Sapling	1																																														
White Pine	3	Sapling	1																																														
Quaking Aspen	29	Sapling	1																																														
Black/Red (Hybrid) Oak	1	Log	11																																														
160	4131 - Aspen, Oak	Sapling Well	23.8	9	Immature	N/A	Final harvested in the spring 2017.Regenerating well, a little thin to the north but contains the most Jack Pine there																																										
<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>30</td><td>Sapling</td><td>1</td><td>9</td></tr><tr><td>Northern Pin Oak</td><td>30</td><td>Sapling</td><td>1</td><td></td></tr><tr><td>Jack Pine</td><td>10</td><td>Sapling</td><td>1</td><td></td></tr><tr><td>Black Cherry</td><td>5</td><td>Sapling</td><td>1</td><td></td></tr><tr><td>White Oak</td><td>5</td><td>Sapling</td><td>1</td><td></td></tr><tr><td>Bigtooth Aspen</td><td>20</td><td>Sapling</td><td>1</td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	30	Sapling	1	9	Northern Pin Oak	30	Sapling	1		Jack Pine	10	Sapling	1		Black Cherry	5	Sapling	1		White Oak	5	Sapling	1		Bigtooth Aspen	20	Sapling	1								
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Black Cherry	5	Sapling	1																																														
White Oak	5	Sapling	1																																														
Bigtooth Aspen	20	Sapling	1																																														
162	6220 - Alder/Willow	None	1.5			No	Tag alder lowspot																																										
<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Tag Alder</td><td>Full</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>								Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Full	5 - 10 feet	5 - 10 feet																																		
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Tag Alder	Full	5 - 10 feet	5 - 10 feet																																														
163	4130 - Aspen	Poletimber Well	16.1	52	111-140	N/A	High quality aspen stand with a minor oak component mostly on the w side																																										
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Bigtooth Aspen</td><td>57</td><td>Pole/Log</td><td>9</td><td>52</td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>15</td><td>Pole/Log</td><td>9</td><td></td></tr><tr><td>White Oak</td><td>3</td><td>Pole</td><td>8</td><td></td></tr><tr><td>Quaking Aspen</td><td>20</td><td>Pole</td><td>7</td><td></td></tr><tr><td>Red Maple</td><td>5</td><td>Pole/Log</td><td>9</td><td></td></tr></table> <table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Oak (spp.)</td><td>Medium</td><td>Variable</td><td>Variable</td></tr><tr><td>Red Maple</td><td>Medium</td><td>Variable</td><td>Variable</td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Bigtooth Aspen	57	Pole/Log	9	52	Black/Red (Hybrid) Oak	15	Pole/Log	9		White Oak	3	Pole	8		Quaking Aspen	20	Pole	7		Red Maple	5	Pole/Log	9		Sub-Canopy Species	Density	Avg. Height	Size	Oak (spp.)	Medium	Variable	Variable	Red Maple	Medium	Variable	Variable
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Sub-Canopy Species	Density	Avg. Height	Size																																														
Oak (spp.)	Medium	Variable	Variable																																														
Red Maple	Medium	Variable	Variable																																														
164	4131 - Aspen, Oak	Sapling Well	54.1	15	Immature	N/A	Harvested in 2011 part of Wildfire Aspen sale. Good aspen and oak regeneration. Certainly larger than other immature stands to sw																																										
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Bigtooth Aspen</td><td>65</td><td>Sapling</td><td>2</td><td>15</td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>35</td><td>Sapling</td><td>1</td><td>15</td></tr></table> <table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Jack Pine</td><td>Trace</td><td>< 5 feet</td><td>< 5 feet</td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Bigtooth Aspen	65	Sapling	2	15	Black/Red (Hybrid) Oak	35	Sapling	1	15	Sub-Canopy Species	Density	Avg. Height	Size	Jack Pine	Trace	< 5 feet	< 5 feet																			
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Jack Pine	Trace	< 5 feet	< 5 feet																																														



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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
166	4130 - Aspen	Poletimber Well	17.5	52	111-140	N/A	Nice aspen stand
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Bigtooth Aspen		70	Pole/Log	8	52	Oak (spp.)	
Black/Red (Hybrid) Oak		15	Pole	8		Red Maple	
Red Maple		1	Pole	6			
White Oak		2	Pole	6			
Quaking Aspen		12	Pole	8			
Density		Avg. Height		Size			
Medium		10 - 20 feet		10 - 20 feet			
Medium		10 - 20 feet		10 - 20 feet			
167	4121 - Oak, Aspen	Poletimber Well	19.5	52	51-80	N/A	Rolling terrain dominated by moderate quality stump sprout oak, not very large in size.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Black/Red (Hybrid) Oak		50	Pole/Sapling	7	52	White Oak	
Red Maple		5	Pole	8		White Pine	
Bigtooth Aspen		30	Pole/Log	9		Red Maple	
White Oak		15	Pole	7			
Density		Avg. Height		Size			
Medium		>20 feet		>20 feet			
Low		10 - 20 feet		10 - 20 feet			
Medium		>20 feet		>20 feet			
170	310 - Herbaceous Openland	None	1.9			No	
Sub-Canopy Species		Density	Avg. Height		Size		
Pin Cherry		Low	>20 feet		>20 feet		
Northern Pin Oak		Low	>20 feet		>20 feet		