



# Compartment Review Presentation

Roscommon Forest Management Unit

Compartment 71017

Entry Year 2027

Acreage: 3,749

County: Roscommon

Management Area: High Sand Plains

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**Stand Examiner:** Dakota Ewald

**Legal Description:**

T21N R04W Sections 13, 14, 23, 24, 25, and 26.

**Identified Planning Goals:**

Maintain a diversified forest in both species and age classes benefiting both natural users and human alike.

**Soil and topography:**

Terrain is generally flat with a large portion of the compartment being wet low ground. Soils are Saugatuck Sand, Newton loamy sand, Roselawn sand, and Rifle peat.

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

Compartment is entirely state ownership and is surrounded on all sides by state land.

**Unique Natural Features:**

Secretive Locust present.

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

None Known

**Special Management Designations or Considerations:**

None

**Watershed and Fisheries Considerations:**

Multiple large wetland complexes throughout the compartment. Wraco Lodge Lake and Wolf Creek are just to the Northwest of the compartment.

**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. No known active sand/gravel operations exist within four miles. Potential for any sand & gravel development within the compartment may be limited due to the prevalence of wetlands. The compartment is adjacent to the Headquarters oil & gas field. Some actively producing wells remain in the field, including some within one mile east of the compartment; however, it is a very mature field and is unlikely to expand. There are active state leases associated with Headquarters production, but there is no current leasing activity involving State-owned oil & gas rights in the compartment, and there has been no recent well permitting activity in the area. Potential for future oil & gas development within the compartment is considered low at this time.

**Vehicle Access:**

Rollway, Tillman, and Grass Lake roads all run through the compartment as well as the snowmobile trail. Vehicle access off of these roads is limited in many areas of the compartment due to low ground.

**Survey Needs:**

None at the time of inventory.

**Recreational Facilities and Opportunities:**

The snowmobile trail and several smaller orv trails run through 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**

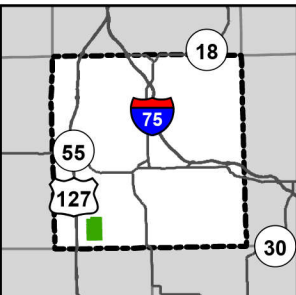
**The following information is displayed, where pertinent, on the attached compartment maps:**

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

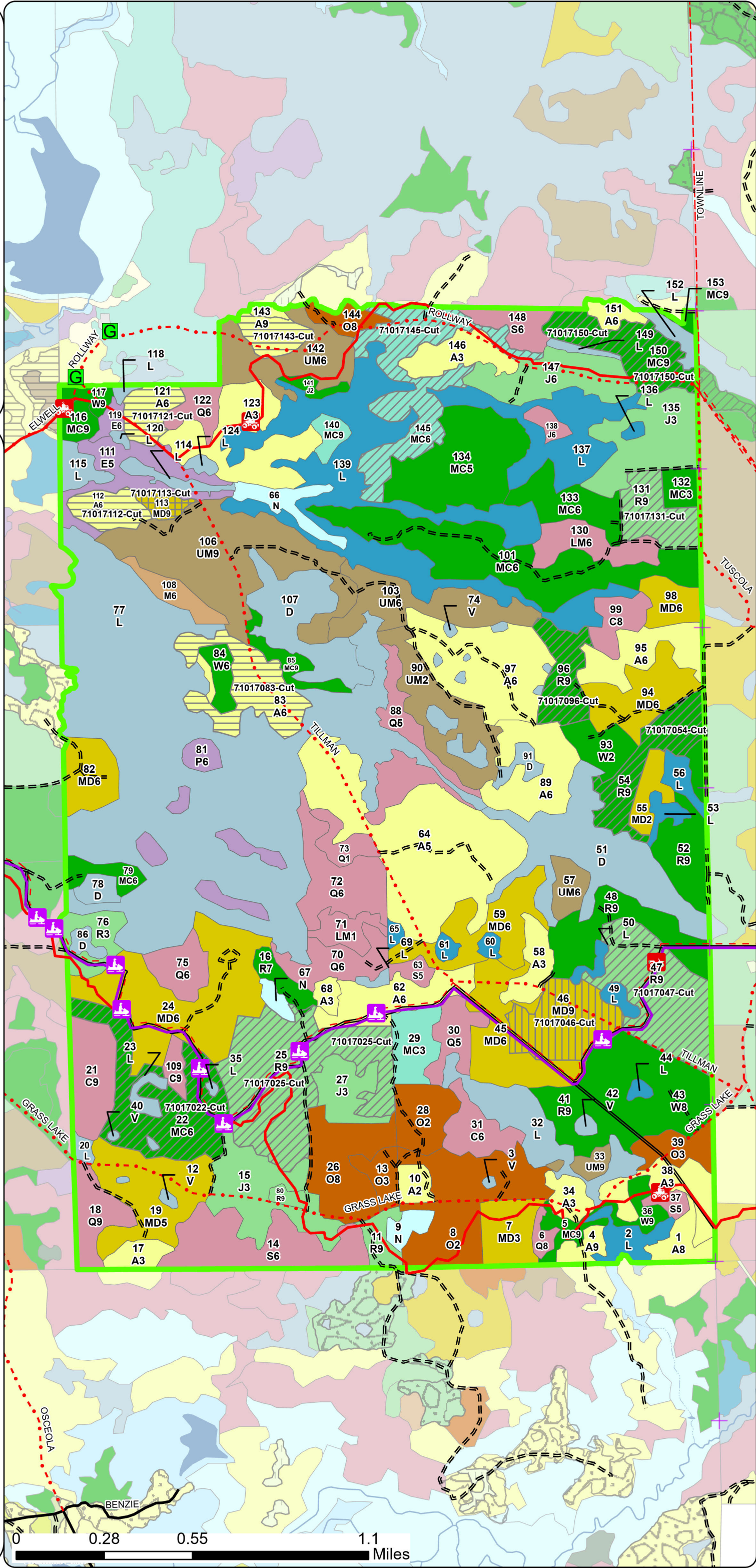


Cover Type & Treatments Map

Compartment: 71017  
T21N, R04W, Sec. 13, 14, 23-26  
County: Roscommon  
Unit: Roscommon  
Mgmt. Area: High Sand Plains  
YOE: 2027  
Acres: 3,748.87 GIS Calculated  
Examiner: Dakota Ewald  
Date Exported: 6/10/2025  
Map Phase: Web Post

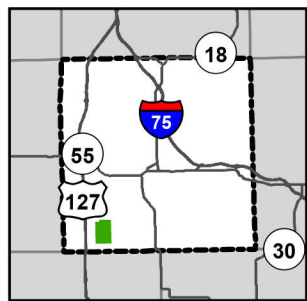

































- Remonumented Section Corners
- Gate
- Designated ORV Routes
- Designated ATV Trails
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Intermittent Stream
- Perennial River
- Lakes and Rivers
- Counties
- Compartment Boundary
- Clearcut
- Seed Tree
- Shelterwood
- Thinning
- Clearcut
- Thinning
- Openings Mgmt.
- Monitoring - Regeneration
- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen
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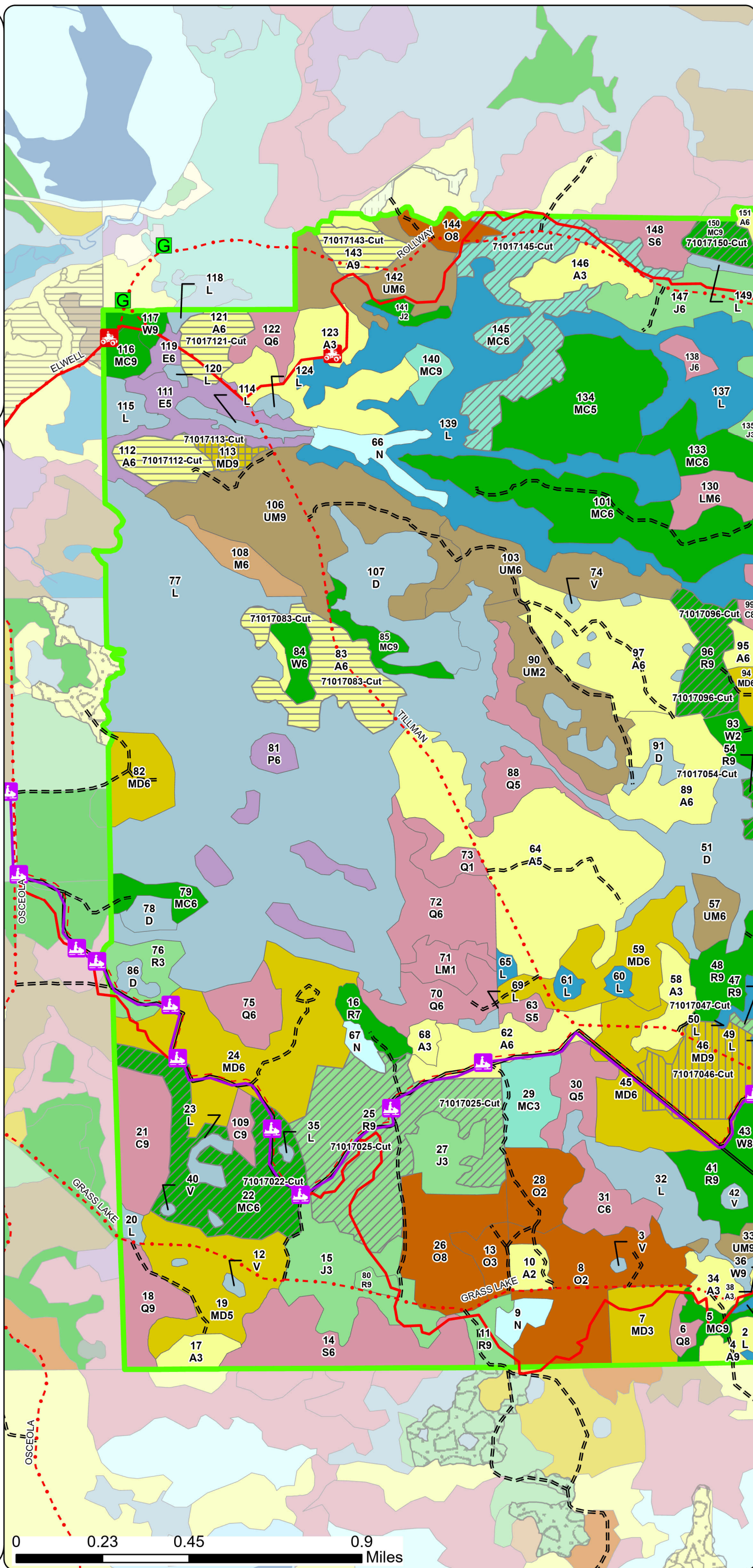




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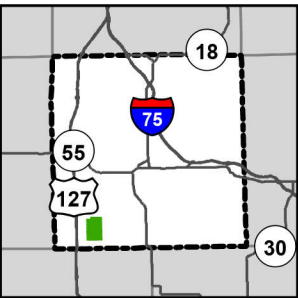
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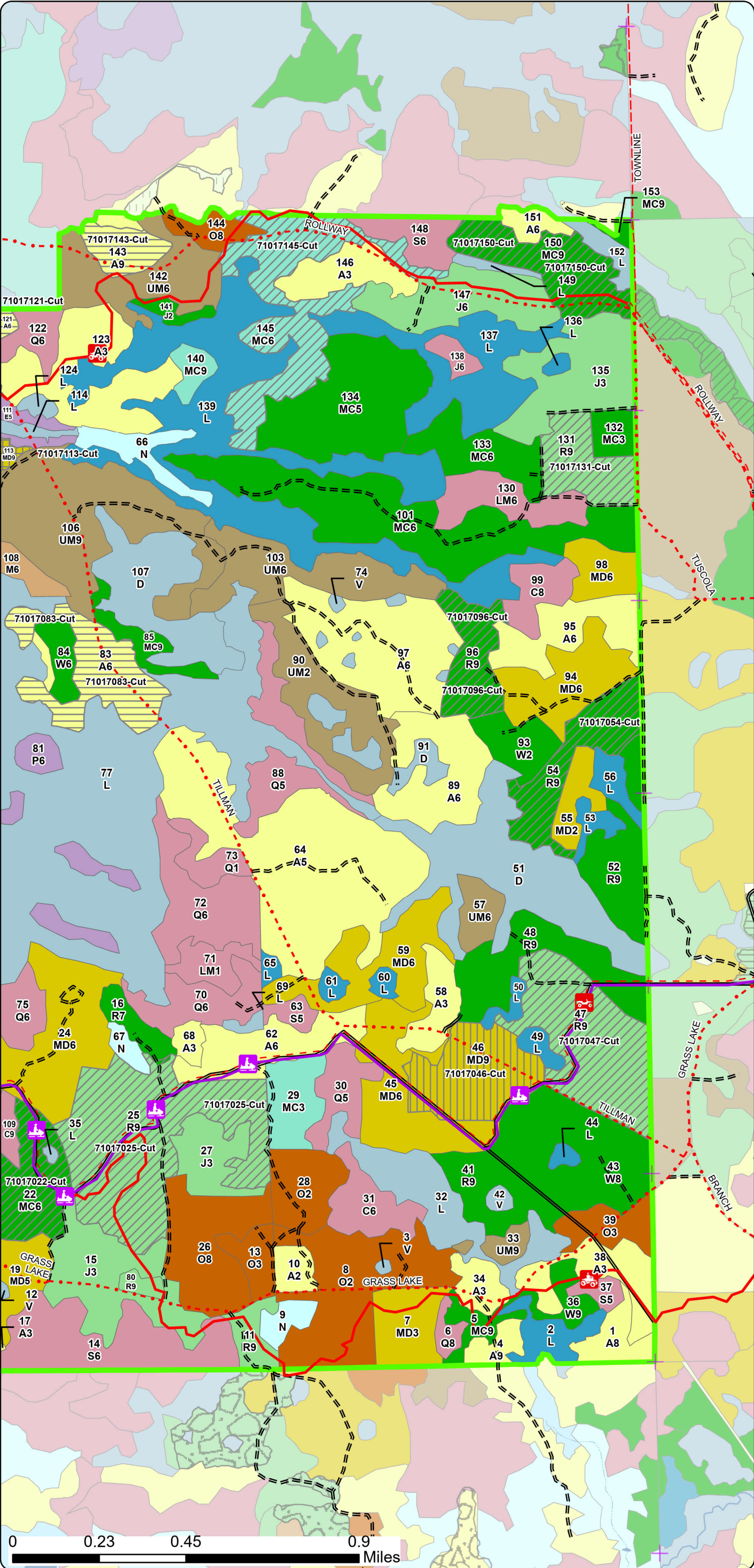


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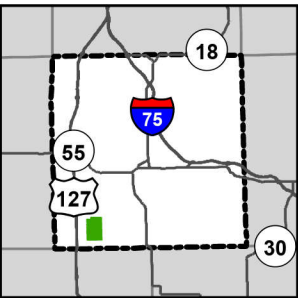
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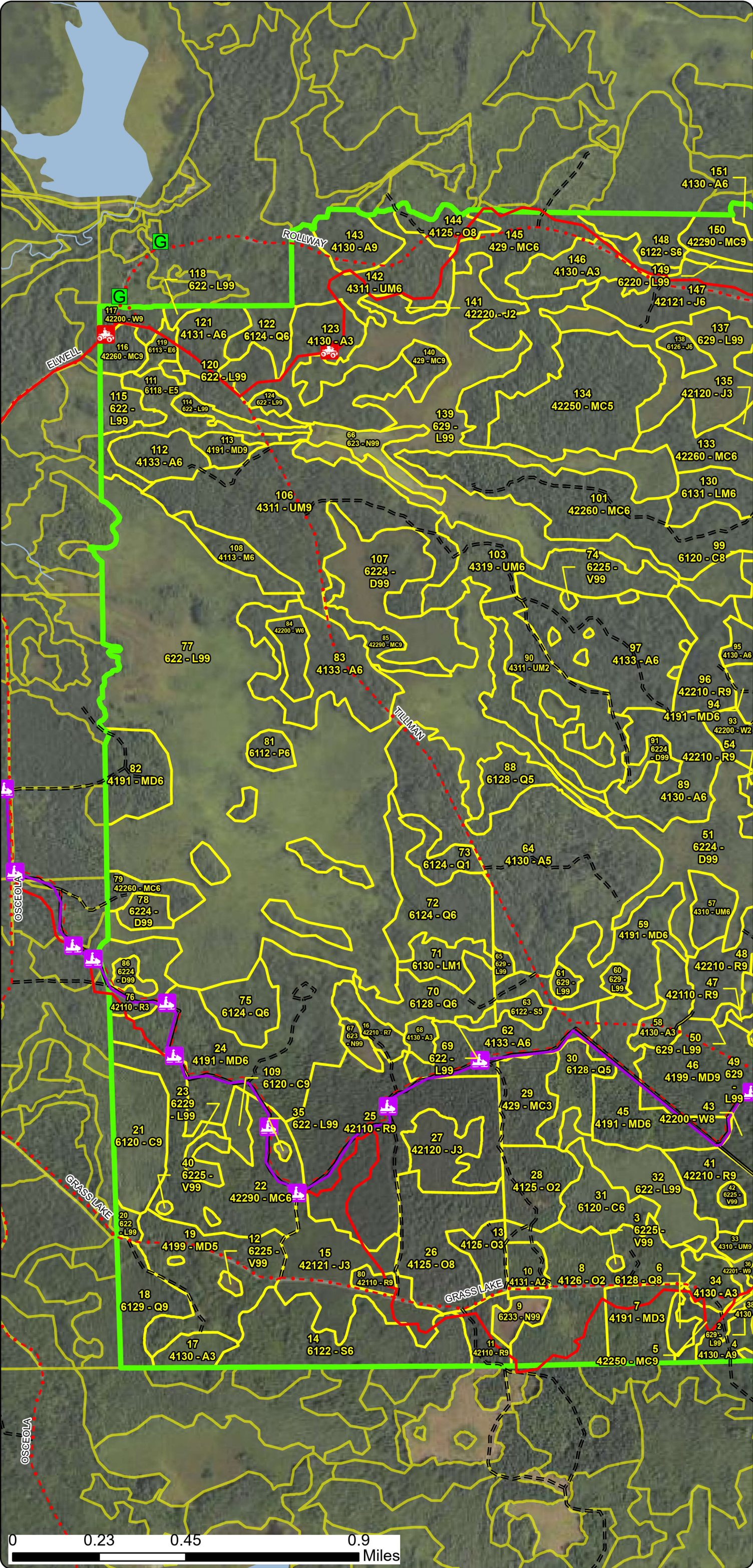


Stand Boundary  
Map

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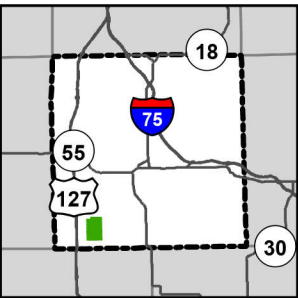
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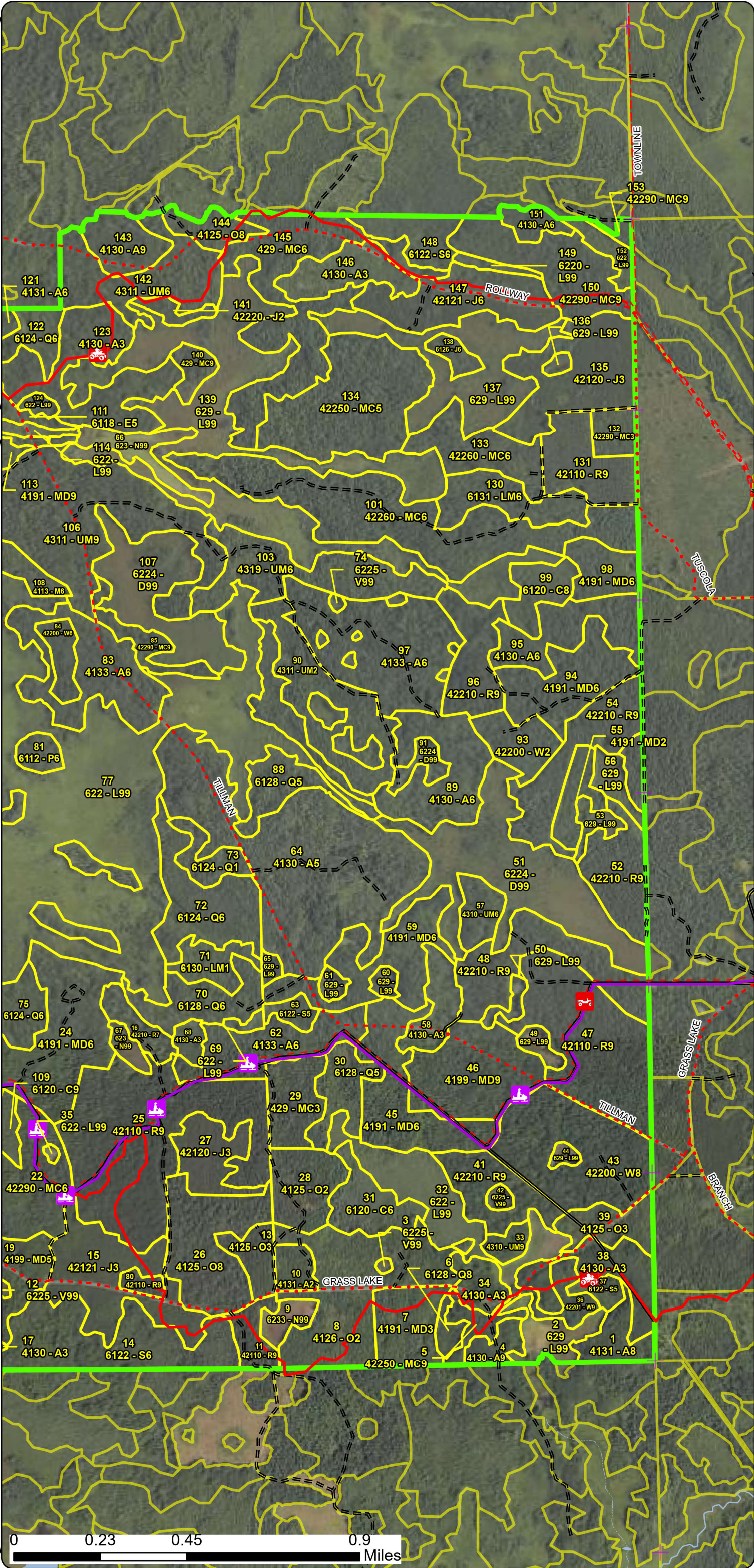


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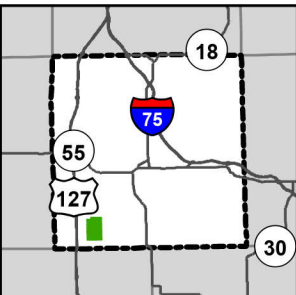
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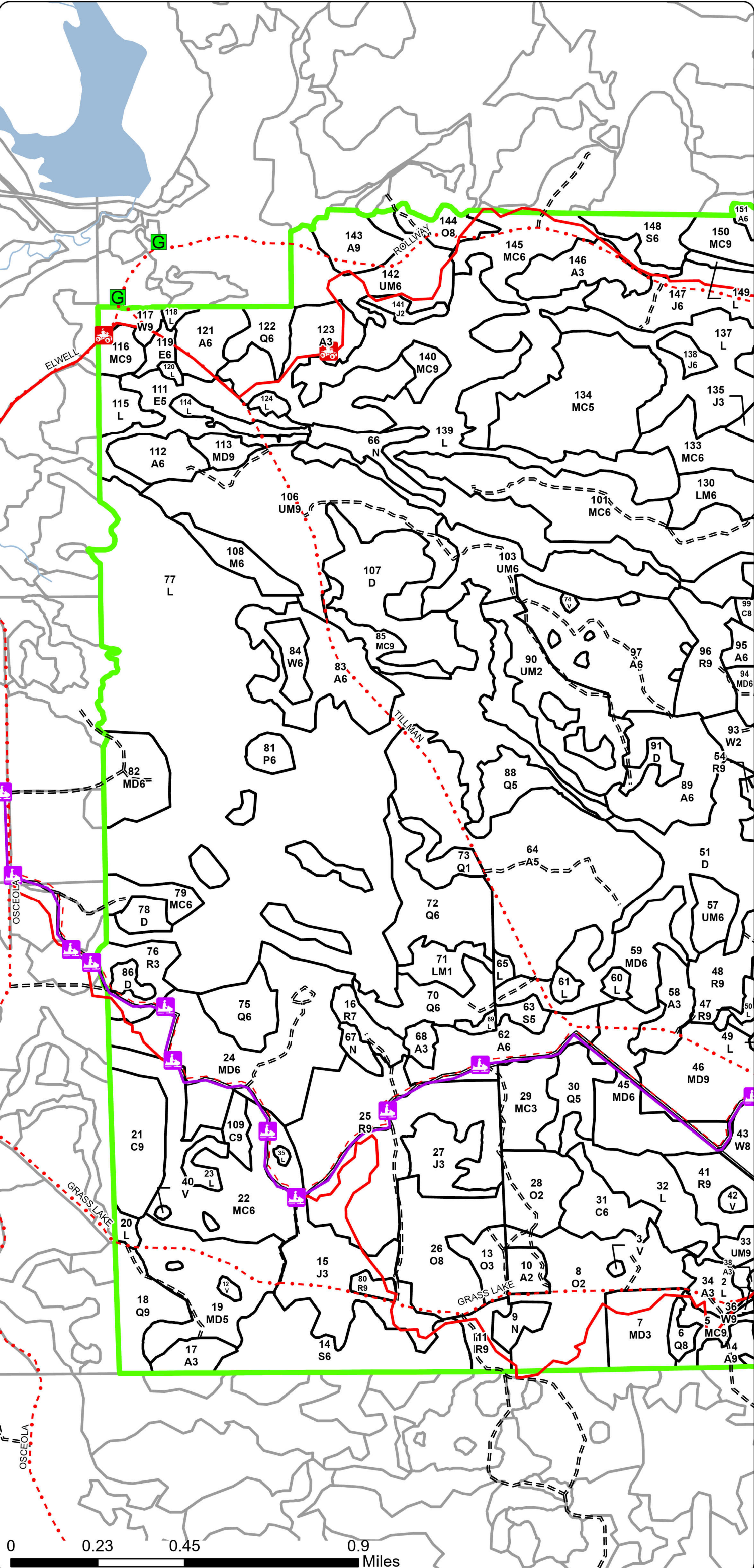


Special Conservation Areas  
& Site Conditions Map

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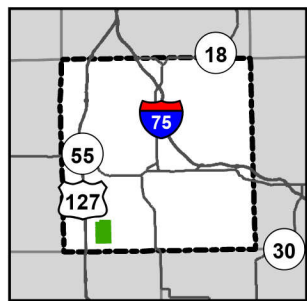



















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- Cold Water Streams

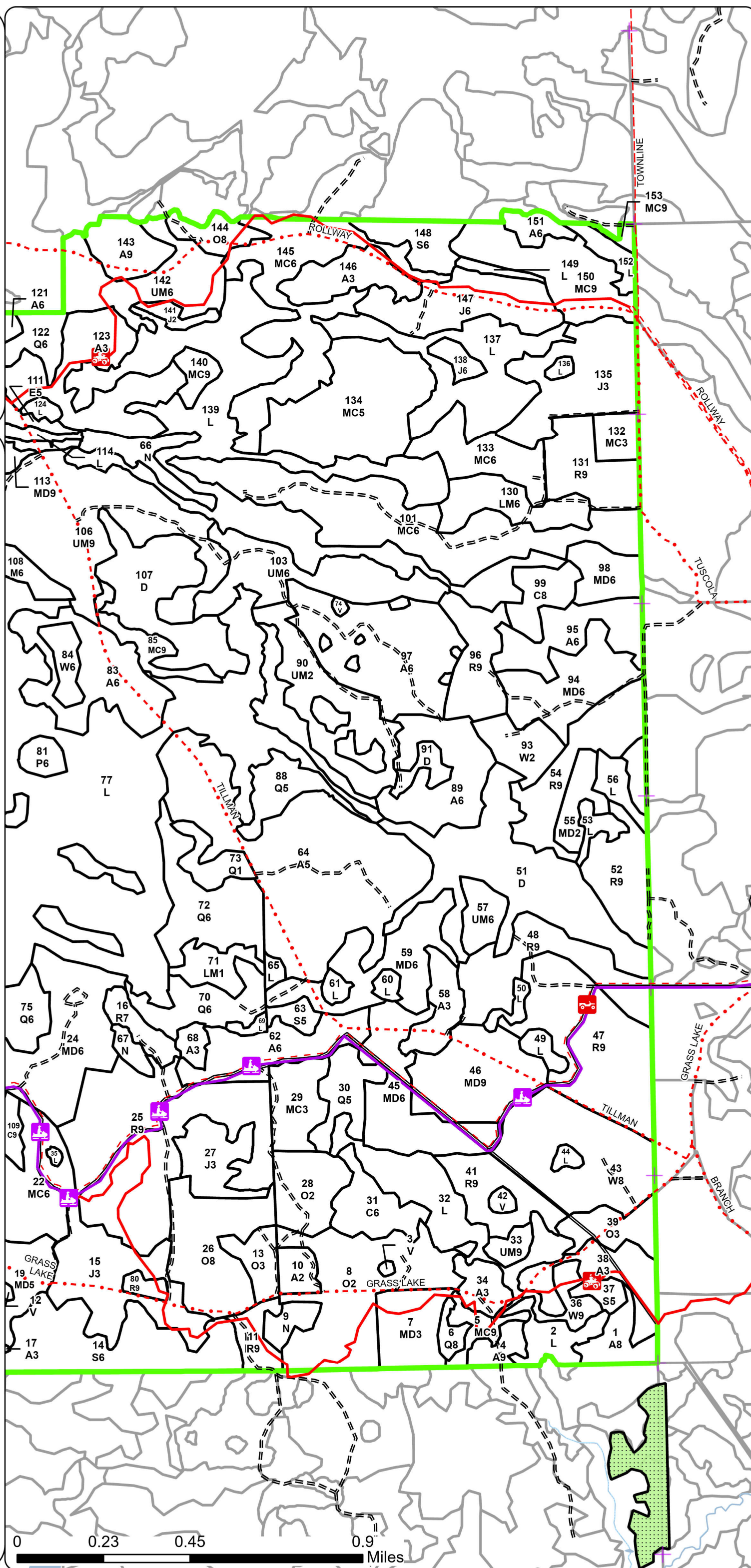




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-  Stand Boundaries
-  SCA
-  Cold Water Streams
-  Type 1 and Type 2 Old Growth
-  Possible Type 2 Old Growth





# 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	0	60	8	24	56	381	16	0	0	0	0	0	0	0	0	0	0	545
Bog	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Cedar	0	0	0	0	0	0	0	0	0	0	0	71	0	0	0	0	0	0	71
Jack Pine	0	0	0	0	114	38	0	0	0	5	0	0	0	0	0	0	0	0	157
Lowland Aspen/Balsam Poplar	0	0	0	0	0	0	0	0	0	0	0	26	0	0	0	0	0	0	26
Lowland Conifers	0	0	0	0	0	11	36	0	0	5	0	123	0	0	0	0	0	0	174
Lowland Deciduous	0	0	0	0	0	0	0	0	0	0	5	0	31	0	0	0	0	0	36
Lowland Mixed Forest	0	0	0	12	0	0	23	0	0	0	0	0	0	0	0	0	0	0	35
Lowland Shrub	743	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	743
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	0	0	5	74	0	0	0	0	0	0	79
Marsh	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26
Mixed Upland Deciduous	0	0	0	0	34	0	233	41	15	0	0	50	0	0	0	0	0	0	373
Natural Mixed Pines	0	0	0	0	9	152	9	0	0	66	0	12	0	8	0	0	0	76	332
Northern Hardwood	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	12
Oak	0	0	0	63	49	0	0	0	0	0	0	42	10	0	0	0	0	0	163
Red Pine	0	0	17	0	0	0	0	0	0	302	64	0	0	0	0	0	0	0	383
Treed Bog	150	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	150
Upland Conifers	0	0	0	0	20	0	0	0	66	7	0	0	0	0	0	0	0	0	93
Upland Mixed Forest	0	0	0	0	40	0	51	43	0	7	0	99	0	0	0	0	0	0	238
White Pine	0	0	0	0	0	16	9	0	0	58	0	0	9	7	0	0	0	0	99
<b>Total</b>	<b>930</b>	<b>0</b>	<b>77</b>	<b>83</b>	<b>290</b>	<b>273</b>	<b>742</b>	<b>100</b>	<b>93</b>	<b>450</b>	<b>74</b>	<b>497</b>	<b>50</b>	<b>15</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>76</b>	<b>3745</b>





## Report 2 – Treatment Summary

Roscommon Mgt. Unit  
Year of Entry: 2027

Acres of Harvest

Compartment 17  
Total Compartment Acres: 3,749

Commercial Harvest - 691  
Harvests with Site Condition - 0  
Next Step Harvest - 0  
Habitat Cut - 0

### Cover Type by Harvest Method

	Clearecut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overstory Removal	Salvage	Other	Total Acres
Aspen	86	0	0	0	0	0	0	0	0	86
Mixed Upland Deciduous	0	0	0	7	42	0	0	0	0	49
Natural Mixed Pines	0	0	0	0	0	104	0	0	0	104
Red Pine	0	0	0	0	0	250	0	0	0	250
Upland Conifers	0	0	0	0	0	66	0	0	0	66
Total	86	0	0	7	42	420	0	0	0	554

### Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	554	0	0	0	0	0	0	0	0	554
Next Step	0	0	0	0	0	0	134	0	0	134
Total	554	0	0	0	0	0	134	0	0	689





S t a n d	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:**

<b>150</b>	<b>71017150-Cut</b>	38.1	42290 - Natural Mixed Pine	9	83	111- 140	Harvest	Thinning	42290 - Natural Mixed Pine	Planting Record	No
<u>Prescription</u> Thin down to around 100 BA on average across the stand. Focus on removing poor formed and suppressed trees, but leave some for <u>Specs:</u> diversity. Protect existing regen as much as possible. Add residual and regen protection specs.  <u>Next Step</u> <u>Treatments:</u>  <u>Acceptable</u> <u>Regen:</u>  <u>Other</u> <u>Comment:</u>  <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026											
<b>145</b>	<b>71017145-Cut</b>	66.2	429 - Mixed Upland Conifers	6	76	111- 140	Harvest	Thinning	429 - Mixed Upland Conifers	Cutting Record	No
<u>Prescription</u> Thin down to 90 BA. Remove poor formed and suppressed trees as well as some larger trees to open up the canopy. Goal is to release pole <u>Specs:</u> and sapling sized white pine in the understory. Treatment acreage may be significantly reduced due to wet conditions. Add residual protection and orv trail specs.  <u>Next Step</u> <u>Treatments:</u>  <u>Acceptable</u> <u>Regen:</u>  <u>Other</u> <u>Comment:</u>  <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026											
<b>143</b>	<b>71017143-Cut</b>	14.0	4130 - Aspen	9	56	111- 140	Harvest	Clearcut	413 - Aspen	Planting Record	No
<u>Prescription</u> Clearcut everything two inches and up with retention. Leave retention to the north where drainage cuts through the stand. Add drumming log, <u>Specs:</u> brush pile, and orv trail protection specs.  <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u>  <u>Acceptable</u> Fully stocked aspen with a mix of other species. <u>Regen:</u>  <u>Other</u> <u>Comment:</u>  <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026											





Standard

Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
131 71017131-Cut	26.6	42110 - Planted Red Pine	9	81	111-140	Harvest	Thinning	4211 - Planted Red Pine	Planting Record	No
<u>Prescription</u> Thin down to 90 BA, focusing on removing poor formed and suppressed trees. Protect existing regen where possible. Add residual and regen protection specs. <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										
121 71017121-Cut	16.3	4131 - Aspen, Oak	6	56	141-170	Harvest	Clearcut	413 - Aspen	Planting Record	No
<u>Prescription</u> Clearcut with retention, mark to leave 10 BA or less of oak and pine for mast and a seed source. Add drumming log and brush pile specs. <u>Specs:</u> Add oak wilt spec. <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Full stocking of aspen with a mix of other species. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										
113 71017113-Cut	7.0	4191 - Mixed Upland Deciduous with Conifer	9	106	51-80	Harvest	Seed Tree	4191 - Mixed Upland Deciduous with Conifer	Planting Record	No
<u>Prescription</u> Seed tree leaving 20 to 30 ba of well crowned oak and pine that are healthy and wind firm. Protect existing regen as much as possible. Add residual and regen protection specs. Add oak wilt spec. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Moderate to full stocking oak, red maple, and pine with a mix of other species. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										
112 71017112-Cut	15.9	4133 - Aspen, Mixed Pine	6	64	111-140	Harvest	Clearcut	4133 - Aspen, Mixed Pine	Planting Record	No
<u>Prescription</u> Clearcut with retention, mark to leave 10 BA or less of pine and oak for mast and a seed source. Add drumming log and brush pile specs. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Full stocking of aspen with a mix of pine and other species. <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
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<b>96</b>	<b>71017096-Cut</b>	24.8	42210 - Natural Red Pine	9	83	81-110	Harvest	Thinning	4221 - Natural Red Pine	Planting Record	No
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Prescription Thin down to 70 to 90 BA. Focus on removing poor formed and suppressed trees, but leave some for diversity. Protect existing advanced regen as much as possible. Add residual and regen protection specs. Add oak wilt spec.

Next Step  
Treatments:

Acceptable  
Regen:

Other All managers agree to a treatment on this natural pine stand.  
Comment:

Site Condition:

Proposed Start Date: 10/01/2026

<b>83</b>	<b>71017083-Cut</b>	39.7	4133 - Aspen, Mixed Pine	6	55	81-110	Harvest	Clearcut	4133 - Aspen, Mixed Pine	Planting Record	No
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Prescription Clearcut with retention, avoid wet areas. Mark to leave 10 BA or less of white pine for a seed source since aspen regen in this compartment has been patchy. Acreage may be significantly reduced due to saturated/wet soils. Add drumming log and brush pile specs.

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

Acceptable Moderate or better stocking of aspen with some pine mixed in.  
Regen:

Other  
Comment:

Site Condition:

Proposed Start Date: 10/01/2026

<b>54</b>	<b>71017054-Cut</b>	33.5	42210 - Natural Red Pine	9	81	111-140	Harvest	Thinning	4221 - Natural Red Pine	Planting Record	No
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Prescription Thin down to 90 BA. Focus on removing poor formed and suppressed trees, but leave some for diversity. Protect existing regen as much as possible. Add residual and regen protection specs. Add oak wilt spec.

Next Step  
Treatments:

Acceptable  
Regen:

Other All managers agree to a treatment on this natural pine stand.  
Comment:

Site Condition:

Proposed Start Date: 10/01/2026

<b>47</b>	<b>71017047-Cut</b>	64.2	42110 - Planted Red Pine	9	94	141-170	Harvest	Thinning	4211 - Planted Red Pine	Planting Record	No
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Prescription Thin down to around 100 BA. Focus on removing poor formed and suppressed trees first. Protect existing regen as much as possible. Add regen and residual protection specs. Add snow mobile trail protection specs and oak wilt spec.

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>46 71017046-Cut</b>	41.5	4199 - Other Mixed Upland Deciduous	9	105	81-110	Harvest	Shelterwood	4319 - Mixed Upland Forest	Cutting Record	No
<u>Prescription</u> Shelterwood down to 50 to 70 BA. Leave everything under 4 inches and most white pine and white oak. Add residual and regen protection specs. Add Oak wilt spec. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Moderate to full stocking of pine, maple, and oak. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										
<b>25 71017025-Cut</b>	101.0	42110 - Planted Red Pine	9	86	141-170	Harvest	Thinning	4211 - Planted Red Pine	Planting Record	No
<u>Prescription</u> Thin down to around 90 ba, focus on removing poor formed and suppressed trees. Protect existing oak regen where possible. Add residual and regen protection specs. Add oak wilt and bark slip specs. Add snowmobile and ORV trail protection specs. <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										
<b>22 71017022-Cut</b>	65.5	42290 - Natural Mixed Pine	6	106	111-140	Harvest	Thinning	42290 - Natural Mixed Pine	Cutting Record	No
<u>Prescription</u> Thin down to 90 BA. Remove poor formed and suppressed trees as well as some larger trees to open up the canopy. Goal is to release pole and sapling sized white pine in the understory. Treatment acreage may be significantly reduced due to wet conditions. Add residual protection and orv trail specs. <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> <u>Regen:</u> <u>Other</u> All managers agree to a treatment on this natural pine stand. <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										

**Total Treatment** 554.3  
**Acreage Proposed:**





Availability for Management

Total	Acres	Acres Avail	Acres	Dominant Site Conditions					
Acres	Available	With Condition	Not Available		5C	2G	2H	3D	5E
527	524	0	3	Aspen		0			3
10	11	0	0	Bog					
71	15	0	56	Cedar		56			
158	152	0	5	Jack Pine			5		
24	0	0	24	Lowland Aspen/Balsam Poplar			24		
168	5	0	163	Lowland Conifers		163			
36	5	0	31	Lowland Deciduous		31			
35	23	0	12	Lowland Mixed Forest		12			
743	743	0	0	Lowland Shrub					
72	5	0	67	Lowland Spruce/Fir		67			
26	26	0	0	Marsh					
373	373	0	0	Mixed Upland Deciduous					
332	332	0	0	Natural Mixed Pines					
12	12	0	0	Northern Hardwood					
164	122	42	0	Oak	42				
383	383	0	0	Red Pine					
150	150	0	0	Treed Bog					
93	93	0	0	Upland Conifers					
240	240	0	0	Upland Mixed Forest					
100	92	0	7	White Pine				7	
3,716	3,304	42	369	Total Forested Acres	42	330	30	7	3
	89%	1%	10%	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	Dominant Site Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable		2G: Too wet (sensitive soils, does not include access issues)	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:								



## Report 4 – Site Conditions



2	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	20	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
3	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	17	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
4	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	13	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	12	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Unavailable	3D: Recreational/scenic values	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Small stand of larger natural white pine. Hold for diversity and scenic value.							



## Report 4 – Site Conditions



8	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	31	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
9	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	32	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
10	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	50	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
11	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	20	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
13	Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
14	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	42	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							



# Report 4 – Site Conditions

Roscommon Mgt. Unit  
Dakota Ewald: Examiner

Compartment: 17  
Year of Entry: 2027



15	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
16	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	30	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
17	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
18	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	78	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
20	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	24	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
25	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	18	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							



Mgt. Unit

Compartment: #Type!

Year of Entry:

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

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
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Comments
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																
1	4131 - Aspen, Oak		12.9	50	81-110	N/A	Lower quality aspen with a mix of oak and pine. Stand is fairly open and volume is fairly low for the age. North end of stand seems to be a bit better quality.																																																
<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>8</td><td>Seedling</td><td>5</td><td>53</td></tr><tr><td>White Oak</td><td>10</td><td></td><td>16</td><td></td></tr><tr><td>Red Maple</td><td>20</td><td></td><td>8</td><td></td></tr><tr><td>Bigtooth Aspen</td><td>40</td><td></td><td>9</td><td>50</td></tr><tr><td>Red Oak</td><td>22</td><td></td><td>12</td><td>111</td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		White Pine	8	Seedling	5	53	White Oak	10		16		Red Maple	20		8		Bigtooth Aspen	40		9	50	Red Oak	22		12	111	<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>Variable</td><td>Variable</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	White Pine	Low	Variable	Variable													
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Sub-Canopy Species	Density	Avg. Height	Size																																																				
White Pine	Low	Variable	Variable																																																				
2	629 - Mixed non-forested Wetland		14.0			No																																																	
3	6225 - Bog		0.8			No																																																	
4	4130 - Aspen		7.9	55	81-110	N/A	Mixed quality aspen stand with the more upland portions of the stand being better quality.																																																
<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>10</td><td>Seedling</td><td>5</td><td></td></tr><tr><td>Bigtooth Aspen</td><td>85</td><td></td><td>12</td><td>55</td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>3</td><td>Seedling</td><td>6</td><td></td></tr><tr><td>White Pine</td><td>2</td><td>Seedling</td><td>8</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Red Maple	10	Seedling	5		Bigtooth Aspen	85		12	55	Black/Red (Hybrid) Oak	3	Seedling	6		White Pine	2	Seedling	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>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Witch Hazel</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Balsam Fir</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>White Pine</td><td>Low</td><td>Variable</td><td>Variable</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Low	5 - 10 feet	5 - 10 feet	Witch Hazel	Low	5 - 10 feet	5 - 10 feet	Balsam Fir	Low	Variable	Variable	White Pine	Low	Variable	Variable						
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Balsam Fir	Low	Variable	Variable																																																				
White Pine	Low	Variable	Variable																																																				
5	42250 - Pine, Oak		8.9	55	111-140	N/A	Solid pole size white pine and oak, with a smaller amount of larger white pine scattered throughout. Leave stand to put on growth.																																																
<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>15</td><td></td><td>16</td><td>126</td></tr><tr><td>Bigtooth Aspen</td><td>8</td><td></td><td>10</td><td></td></tr><tr><td>Northern Pin Oak</td><td>17</td><td></td><td>14</td><td>126</td></tr><tr><td>Red Pine</td><td>15</td><td></td><td>14</td><td>83</td></tr><tr><td>White Pine</td><td>30</td><td>Seedling</td><td>6</td><td>55</td></tr><tr><td>White Pine</td><td>15</td><td></td><td>18</td><td>126</td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		White Oak	15		16	126	Bigtooth Aspen	8		10		Northern Pin Oak	17		14	126	Red Pine	15		14	83	White Pine	30	Seedling	6	55	White Pine	15		18	126	<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>Variable</td><td>Variable</td></tr><tr><td>Red Maple</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>Balsam Fir</td><td>Low</td><td>Variable</td><td>Variable</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	White Pine	Low	Variable	Variable	Red Maple	Low	Variable	Variable	Balsam Fir	Low	Variable	Variable
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White Pine	Low	Variable	Variable																																																				
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Balsam Fir	Low	Variable	Variable																																																				
6	6128 - Lowland Coniferous, Mixed Deciduous		4.5	81	81-110	N/A	Transition from dense timber going upland to open poletimber and alder in lowland																																																
<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>3</td><td></td><td>18</td><td></td></tr><tr><td>Red Pine</td><td>2</td><td></td><td>16</td><td></td></tr><tr><td>Red Maple</td><td>25</td><td>Seedling</td><td>7</td><td></td></tr><tr><td>Paper Birch</td><td>10</td><td>Seedling</td><td>8</td><td></td></tr><tr><td>Black Spruce</td><td>40</td><td>Seedling</td><td>6</td><td>81</td></tr><tr><td>Northern White Cedar</td><td>20</td><td></td><td>8</td><td>106</td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		White Pine	3		18		Red Pine	2		16		Red Maple	25	Seedling	7		Paper Birch	10	Seedling	8		Black Spruce	40	Seedling	6	81	Northern White Cedar	20		8	106	<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><tr><td>Tag Alder</td><td>High</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	Tag Alder	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																																																						
19	4199 - Other Mixed Upland Deciduous	50.2	55	1-50	N/A		Variable stand that is fairly open with somewhat mixed quality for the age. Some low wet areas scattered throughout. An old FTP indicates that there was an unsuccessful prescribed burn in portions of this stand.																																																						
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Sub-Canopy Species	Density	Avg. Height	Size																																																										
Pin Cherry	High	Variable	Variable																																																										
20	622 - Lowland Shrub	3.1			No																																																								
21	6120 - Lowland Cedar	30.2	106	Unspecified	N/A																																																								
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Black Spruce	Low	Variable	Variable																																																										
22	42290 - Natural Mixed Pine	65.5	106	111-140	N/A	Variable structure and species composition. Transtions into low ground in several areas. Could benefit from a thinning if natural pine guidance allows.																																																							
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Tamarack</td><td>5</td><td>Seedling</td><td>7</td><td></td></tr><tr><td>Red Pine</td><td>30</td><td></td><td>16</td><td>106</td></tr><tr><td>Northern White Cedar</td><td>10</td><td></td><td>8</td><td></td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>5</td><td></td><td>12</td><td></td></tr><tr><td>White Pine</td><td>30</td><td></td><td>10</td><td></td></tr><tr><td>Jack Pine</td><td>5</td><td></td><td>9</td><td></td></tr><tr><td>Red Maple</td><td>10</td><td></td><td>10</td><td></td></tr><tr><td>Paper Birch</td><td>5</td><td></td><td>9</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH		Age	Tamarack	5	Seedling	7		Red Pine	30		16	106	Northern White Cedar	10		8		Black/Red (Hybrid) Oak	5		12		White Pine	30		10		Jack Pine	5		9		Red Maple	10		10		Paper Birch	5		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>High</td><td>Variable</td><td>Variable</td></tr><tr><td>Balsam Fir</td><td>Medium</td><td>Variable</td><td>Variable</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	High	Variable	Variable	Balsam Fir	Medium	Variable	Variable
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23	6229 - Mixed Lowland Shrub	5.6			No																																																								





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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																							
35	622 - Lowland Shrub		0.9			No																																																								
36	42201 - Natural White Pine, Mixed Deciduous		9.2	111	81-110	N/A	Natural pine stand with a good understory of white pine and a mix of other species. Allow regen 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>White Pine</td><td>65</td><td></td><td>12</td><td>111</td></tr><tr><td>Northern Pin Oak</td><td>10</td><td></td><td>12</td><td>111</td></tr><tr><td>Red Pine</td><td>2</td><td></td><td>16</td><td>111</td></tr><tr><td>White Oak</td><td>3</td><td></td><td>14</td><td>111</td></tr><tr><td>Red Maple</td><td>15</td><td></td><td>9</td><td></td></tr><tr><td>Bigtooth Aspen</td><td>5</td><td></td><td>9</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age	White Pine	65		12	111	Northern Pin Oak	10		12	111	Red Pine	2		16	111	White Oak	3		14	111	Red Maple	15		9		Bigtooth Aspen	5		9		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>White Oak</td><td>Low</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><tr><td>White Pine</td><td>Medium</td><td>Variable</td><td>Variable</td></tr><tr><td>Black Cherry</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Northern Pin Oak</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	White Oak	Low	5 - 10 feet	5 - 10 feet	Red Maple	Low	5 - 10 feet	5 - 10 feet	White Pine	Medium	Variable	Variable	Black Cherry	Low	5 - 10 feet	5 - 10 feet	Northern Pin Oak	Low	5 - 10 feet	5 - 10 feet
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37	6122 - Black Spruce		5.1	105	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>Tamarack</td><td>20</td><td>Seedling</td><td>6</td><td></td></tr><tr><td>White Pine</td><td>5</td><td></td><td>10</td><td></td></tr><tr><td>Black Spruce</td><td>70</td><td>Seedling</td><td>6</td><td>105</td></tr><tr><td>Northern White Cedar</td><td>3</td><td>Seedling</td><td>6</td><td></td></tr><tr><td>Red Maple</td><td>2</td><td>Seedling</td><td>7</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age	Tamarack	20	Seedling	6		White Pine	5		10		Black Spruce	70	Seedling	6	105	Northern White Cedar	3	Seedling	6		Red Maple	2	Seedling	7		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Balsam Fir</td><td>High</td><td>Variable</td><td>Variable</td></tr><tr><td>Black Spruce</td><td>High</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>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	High	Variable	Variable	Black Spruce	High	Variable	Variable	Tag Alder	High	5 - 10 feet	5 - 10 feet													
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38	4130 - Aspen		24.4	33	81-110	N/A																																																								
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39	4125 - Black, N. Pin Oak		15.3	33	1-50	N/A																																																								
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40	6225 - Bog		1.3			No																																																								



Stand	Level 4 Cover Type	Size Density				Acres	Stand Age	BA Range	Managed Site	General Comments																																																												
41	42210 - Natural Red Pine					22.8	81	81-110	N/A	Looks like stand was heavily thinned or shelterwood cut in the past 20 years or so. Regen is coming back well in places.																																																												
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42	6225 - Bog					2.4			No																																																													
43	42200 - Natural White Pine					57.5	81	51-80	N/A																																																													
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44	629 - Mixed non-forested Wetland					2.4			No																																																													
45	4191 - Mixed Upland Deciduous with Conifer					41.2	65	81-110	N/A	Pole sized white pine with a mix of deciduous species. Stand has minimal merchantability to thin currently. Hold and allow stand to put on more growth.																																																												
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46	4199 - Other Mixed Upland Deciduous					43.0	105	81-110	N/A	Mixed stand with a good understory of 10 to 20 ft white pine.																																																												
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																													
59	4191 - Mixed Upland Deciduous with Conifer		38.0	55	81-110	N/A	Mixed stand of pine and deciduous. Deciduous trees are somewhat lower quality, being small poles at 55 years old.																																													
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60	629 - Mixed non-forested Wetland		3.0			No																																														
61	629 - Mixed non-forested Wetland		3.1			No																																														
62	4133 - Aspen, Mixed Pine		31.7	55	51-80	N/A	Very poor quality aspen with much of the stand being barely merchantable.																																													
		<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>8</td><td></td></tr><tr><td>Quaking Aspen</td><td>55</td><td>Seedling</td><td>5</td><td>55</td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>5</td><td>Seedling</td><td>5</td><td></td></tr><tr><td>White Pine</td><td>20</td><td></td><td>8</td><td></td></tr><tr><td>Jack Pine</td><td>15</td><td>Seedling</td><td>6</td><td></td></tr></table>	Canopy Species	% Cover	Size Class	DBH	Age	Red Pine	5		8		Quaking Aspen	55	Seedling	5	55	Black/Red (Hybrid) Oak	5	Seedling	5		White Pine	20		8		Jack Pine	15	Seedling	6				<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>Variable</td><td>Variable</td></tr><tr><td>Red Maple</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>Pin Cherry</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>	Sub-Canopy Species	Density	Avg. Height	Size	Black/Red (Hybrid) Oak	Medium	Variable	Variable	Red Maple	Low	Variable	Variable	Pin Cherry	Low	5 - 10 feet	5 - 10 feet	
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63	6122 - Black Spruce		5.2	90	51-80	N/A																																														
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64	4130 - Aspen		126.3	55	51-80	N/A	Fairly open stand with some pockets of decent timber but a lot of small poles and saplings for a 55 year old stand. Some areas are very heavy to cherry saplings.																																													
		<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>5</td><td>55</td></tr><tr><td>Red Maple</td><td>10</td><td>Pole</td><td>4</td><td></td></tr><tr><td>Bigtooth Aspen</td><td>20</td><td>Seedling</td><td>5</td><td></td></tr><tr><td>Black Cherry</td><td>15</td><td>Pole</td><td>4</td><td></td></tr><tr><td>Northern Pin Oak</td><td>10</td><td>Pole</td><td>4</td><td></td></tr></table>	Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	45	Seedling	5	55	Red Maple	10	Pole	4		Bigtooth Aspen	20	Seedling	5		Black Cherry	15	Pole	4		Northern Pin Oak	10	Pole	4				<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Black Cherry</td><td>Medium</td><td>Variable</td><td>Variable</td></tr></table>	Sub-Canopy Species	Density	Avg. Height	Size	Black Cherry	Medium	Variable	Variable									
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Sub-Canopy Species	Density	Avg. Height	Size																																																	
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65	629 - Mixed non-forested Wetland		2.3			No																																														
66	623 - Emergent Wetland	Unspecified	13.8			No																																														





Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																				
67	623 - Emergent Wetland		4.6			No																																																					
68	4130 - Aspen		4.8	13	Immature	N/A																																																					
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Quaking Aspen	30	Log	1	13																																																							
69	622 - Lowland Shrub		2.2			No																																																					
70	6128 - Lowland Coniferous, Mixed Deciduous		23.0	106	81-110	N/A	Mixed stand along transition line. Pocket of cedar to the southwest and pine along north edge. Red maple throughout.																																																				
<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>15</td> <td></td> <td>12</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>30</td> <td></td> <td>8</td> <td>106</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>10</td> <td></td> <td>10</td> <td></td> </tr> <tr> <td>White Pine</td> <td>5</td> <td></td> <td>10</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>20</td> <td>Seedling</td> <td>6</td> <td></td> </tr> <tr> <td>Black Spruce</td> <td>10</td> <td>Seedling</td> <td>7</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>10</td> <td></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>Red Maple</td> <td>Medium</td> <td>Variable</td> <td>Variable</td> </tr> <tr> <td>Balsam Fir</td> <td>High</td> <td>5 - 10 feet</td> <td>5 - 10 feet</td> </tr> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Red Pine	15		12		Red Maple	30		8	106	Black/Red (Hybrid) Oak	10		10		White Pine	5		10		Balsam Fir	20	Seedling	6		Black Spruce	10	Seedling	7		Northern White Cedar	10		8		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Medium	Variable	Variable	Balsam Fir	High	5 - 10 feet	5 - 10 feet
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71	6130 - Fir, Aspen, Maple		12.3	22	Immature	N/A																																																					
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72	6124 - Lowland Spruce-Fir		36.2	55	Unspecified	N/A	Heavy fir to the east along road. Mostly black spruce poles with birch and fir scattered throughout. Transitions into mature cedar with red maple and some black ash to the south and west.																																																				
<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>5</td> <td>Seedling</td> <td>5</td> <td>106</td> </tr> <tr> <td>Red Maple</td> <td>10</td> <td></td> <td>10</td> <td>106</td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Seedling</td> <td>5</td> <td>55</td> </tr> <tr> <td>Balsam Fir</td> <td>20</td> <td></td> <td>4</td> <td>55</td> </tr> <tr> <td>Black Spruce</td> <td>40</td> <td>Seedling</td> <td>6</td> <td>55</td> </tr> <tr> <td>Northern White Cedar</td> <td>20</td> <td></td> <td>8</td> <td>106</td> </tr> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Black Ash	5	Seedling	5	106	Red Maple	10		10	106	Paper Birch	5	Seedling	5	55	Balsam Fir	20		4	55	Black Spruce	40	Seedling	6	55	Northern White Cedar	20		8	106																	
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																						
73	6124 - Lowland Spruce-Fir	10.9	42	Unspecified	N/A	Cut in 2003. Balsam and red maple <4" dbh left following harvest.																																							
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74	6225 - Bog	4.1			No																																								
75	6124 - Lowland Spruce-Fir	17.5	106	81-110	N/A																																								
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76	42110 - Planted Red Pine	16.7	15	Immature	N/A	Cut in 2003 and tops were left. Slash burn in spring 05 or 06. Planted to RP in 2010. Stand is a mix of upland and lowland and is fairly wet in places.																																							
<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>90</td><td>Log</td><td>1</td><td>15</td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>5</td><td>Log</td><td>1</td><td></td></tr><tr><td>Jack Pine</td><td>5</td><td>Log</td><td>1</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Pine	90	Log	1	15	Black/Red (Hybrid) Oak	5	Log	1		Jack Pine	5	Log	1																									
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77	622 - Lowland Shrub	422.8			No																																								
78	6224 - Treed Bog	6.9			No																																								
79	42260 - Natural Pine, Mixed Deciduous	10.3	60	81-110	N/A	Much of east end of stand is hummocky and wet.																																							
<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>10</td><td></td><td>12</td><td></td></tr><tr><td>Red Maple</td><td>15</td><td></td><td>12</td><td></td></tr><tr><td>Red Pine</td><td>30</td><td></td><td>16</td><td></td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>10</td><td></td><td>16</td><td></td></tr><tr><td>Jack Pine</td><td>35</td><td></td><td>8</td><td>60</td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age	White Oak	10		12		Red Maple	15		12		Red Pine	30		16		Black/Red (Hybrid) Oak	10		16		Jack Pine	35		8	60	<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>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>White Pine</td><td>Low</td><td>Variable</td><td>Variable</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Black/Red (Hybrid) Oak	Low	Variable	Variable	White Pine	Low	Variable	Variable
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80	42110 - Planted Red Pine	3.8	86	111-140	N/A	Red pine and jack pine planted in 1939. Jack pine and oak removed somewhere around 1990, but could not find the sale records.																																							
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81	6112 - Lowland Aspen	Poletimber Well	25.6	106	Unspecified	N/A	Several islands on the middle of a wetland that appear to be aspen with a mix of conifers and some other deciduous species.																																						





Stand	Level 4 Cover Type	Size	Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																				
82	4191 - Mixed Upland Deciduous with Conifer			22.9	55	81-110	N/A	Lower quality mixed upland stand. Some low wet ground scattered throughout. Growth is a bit stagnant, with many trees being saplings or small poles.																																																				
<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>6</td><td></td><td>6</td><td></td></tr><tr><td>Red Maple</td><td>28</td><td>Pole</td><td>4</td><td></td></tr><tr><td>Quaking Aspen</td><td>36</td><td></td><td>6</td><td>55</td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>10</td><td></td><td>5</td><td></td></tr><tr><td>White Pine</td><td>20</td><td>Seedling</td><td>5</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Pine	6		6		Red Maple	28	Pole	4		Quaking Aspen	36		6	55	Black/Red (Hybrid) Oak	10		5		White Pine	20	Seedling	5		<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>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>White Pine</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>				Sub-Canopy Species	Density	Avg. Height	Size	Pin Cherry	Low	Variable	Variable	Black/Red (Hybrid) Oak	Low	Variable	Variable	White Pine	Low	5 - 10 feet	5 - 10 feet									
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83	4133 - Aspen, Mixed Pine			41.8	55	81-110	N/A	Mostly solid quaking aspen with a pocket of jack pine west of the road. Surrounds stand 36 which is an inclusion of heavy white pine regen. A drain filled with alder runs through the north end of the 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>Sapling</td><td>5</td><td></td></tr><tr><td>Bigtooth Aspen</td><td>35</td><td></td><td>9</td><td>55</td></tr><tr><td>White Pine</td><td>20</td><td></td><td>8</td><td></td></tr><tr><td>Jack Pine</td><td>5</td><td></td><td>6</td><td></td></tr><tr><td>Quaking Aspen</td><td>35</td><td></td><td>8</td><td>55</td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	5	Sapling	5		Bigtooth Aspen	35		9	55	White Pine	20		8		Jack Pine	5		6		Quaking Aspen	35		8	55	<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>Variable</td><td>Variable</td></tr><tr><td>Red Maple</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>Pin Cherry</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>White Pine</td><td>Medium</td><td>Variable</td><td>Variable</td></tr></table>				Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Low	Variable	Variable	Red Maple	Low	Variable	Variable	Pin Cherry	Low	Variable	Variable	Black/Red (Hybrid) Oak	Low	5 - 10 feet	5 - 10 feet	White Pine	Medium	Variable	Variable	
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84	42200 - Natural White Pine			9.4	53	81-110	N/A	Natural white pine / red pine stand that came in solid due to several scattered supercanopy wp and rp.																																																				
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85	42290 - Natural Mixed Pine			11.7	106	51-80	N/A	Two small stands along a swamp edge.																																																				
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86	6224 - Treed Bog			4.2			No	Cut in 2003 and tops were left. Slash burn in spring 05 or 06. Planted to RP in 2010. Stand is a mix of upland and lowland and is fairly wet in places.																																																				
		<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>Variable</td><td>Variable</td></tr><tr><td>Red Pine</td><td>Trace</td><td>Variable</td><td>Variable</td></tr></table>				Sub-Canopy Species	Density	Avg. Height	Size	Jack Pine	Trace	Variable	Variable	Red Pine	Trace	Variable	Variable																																											
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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99	6120 - Lowland Cedar	Sawtimber Medium	14.8	101	51-80	N/A	
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	5	Seedling	6		Tag Alder	Medium	5 - 10 feet	5 - 10 feet
Tamarack	2	Seedling	7		Balsam Fir	Medium	Variable	Variable
Red Maple	5		8		Black Spruce	Medium	Variable	Variable
Paper Birch	5	Seedling	9					
Black Spruce	3	Seedling	7					
Northern White Cedar	80		8	101				

101	42260 - Natural Pine, Mixed Deciduous	Poletimber Well	88.9	46	111-140	N/A	
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	45		10	46	Northern Pin Oak	Low	Variable	Variable
Jack Pine	5	Seedling	5		White Pine	Low	Variable	Variable
Red Maple	5	Seedling	5		Black Cherry	Low	10 - 20 feet	10 - 20 feet
Quaking Aspen	10	Seedling	5		Red Maple	Low	Variable	Variable
Northern Pin Oak	25	Seedling	5					
Red Pine	10		10					

Select cut in the early 1980s removing marked white and red pine. Stand is now mostly white pine and oak with a mix of other species. Pine is of varying size classes, with some super-canopy red and white pine scattered in clumps. Some areas more open and others are fairly dense with white pine. Average ba is around 120, but some areas are much higher. Some wet areas scattered throughout, especially western tip.

103	4319 - Mixed Upland Forest		42.5	64	111-140	N/A	
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Northern Pin Oak	5	Seedling	5		Red Pine	Low	5 - 10 feet	5 - 10 feet
Quaking Aspen	20	Seedling	6		Balsam Fir	Medium	10 - 20 feet	10 - 20 feet
Red Maple	15		8	64	White Pine	Low	5 - 10 feet	5 - 10 feet
Paper Birch	5	Seedling	6		Black Spruce	Low	< 5 feet	< 5 feet
White Pine	30		9	64	Red Maple	Low	5 - 10 feet	5 - 10 feet
Jack Pine	10	Seedling	5					
Black Spruce	15	Seedling	5					

106	4311 - Pine, Aspen Mix		99.4	103	111-140	N/A	
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	10		7	60	Black/Red (Hybrid) Oak	Low	5 - 10 feet	5 - 10 feet
Black/Red (Hybrid) Oak	10		8		White Pine	Medium	Variable	Variable
White Pine	20		10	64	Black Cherry	Low	5 - 10 feet	5 - 10 feet
Red Pine	30		15	103				
Red Maple	15		9					
Bigtooth Aspen	10		7	60				
White Oak	5		14					

107	6224 - Treed Bog		46.7			No	
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MICHIGAN

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																	
108	4113 - R.Maple, Conifer		12.4	79	111-140	N/A																																																																		
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109	6120 - Lowland Cedar		6.2	106	Unspecified	N/A																																																																		
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111	6118 - Lowland Deciduous with Cedar	Poletimber Medium	31.0	111	51-80	N/A	Variable topography with very wet pockets scattered throughout.																																																																	
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