



Compartment Review Presentation

Roscommon Forest Management Unit

Compartment 71058

Entry Year 2027

Acreage: 3,046

County: Roscommon

Management Area: High Sand Plains

Stand Examiner: Brian Martell

Legal Description:

T23N R01W Secs. 5-7, 17-20

Identified Planning Goals:

Maintain age and species diversity in a range of early and late successional ecosystems while managing for forest health, productivity, and sustainability.

Soil and topography:

Soils are mostly Croswell, Grayling, and Graycalm sands in the uplands with Tawas muck and Dawson-Loxley peats in the lowlands. There is not much topography change with slopes being in the 0-6% range.

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

This compartment is a continuous block of state land. There is a large private hunt club bordering the south and east sides. The south end of the compartment butts up against Lake Saint Helen.

Unique Natural Features:

There is at least one bald eagle nest within the compartment boundaries and a lot of eagle activity documented in the general area.

Archeological, Historical, and Cultural Features:

There are a couple historical archeological features within the compartment boundaries.

Special Management Designations or Considerations:

Watershed and Fisheries Considerations:

The South Branch of the AuSable River flows through a portion of the compartment and the north shore of Lake Saint Helen is very near to the southern compartment boundary.

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. The nearest known active sand/gravel operation is the State-owned St. Helen/Carter Pit, about two miles southwest. Potential for sand & gravel development within the compartment, however, appears to be limited. The nearest hydrocarbon production, past or present, is roughly one mile north, in the Saint Helen Field. There is no current leasing activity involving State-owned oil & gas rights in the compartment, and there has been no recent well permit activity in the area. Potential for future oil & gas development within the compartment is considered low at this time.

Vehicle Access:

Moore Road is a seasonal county road that goes through the main part of the compartment providing access to most of the upland areas with additional vehicle access through state forest roads. The very southeastern portion of the compartment is blocked by lowland and a private hunt club.

Survey Needs:

No survey needs known at this time.

Recreational Facilities and Opportunities:

There is a fair amount of hunting and dispersed camping that takes place in the compartment.

Fire Protection:

Additional Compartment Information:

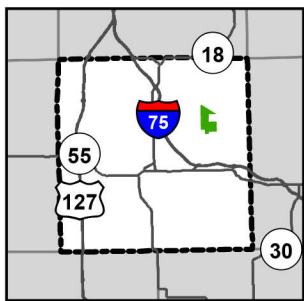
The following reports from the Inventory are attached:











































- 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**

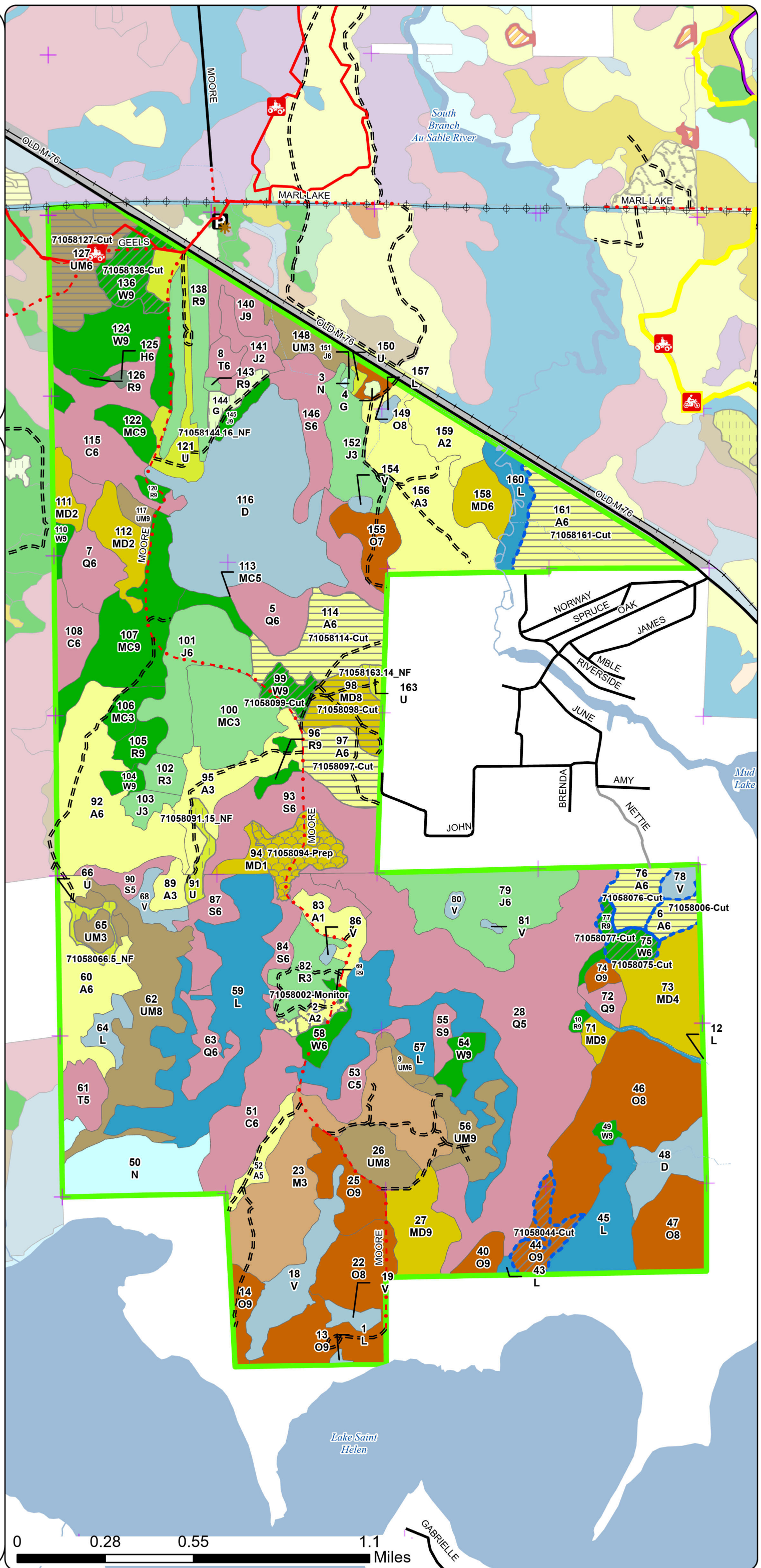
The following information is displayed, where pertinent, on the attached compartment maps:

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

Compartment: 71058
T23N, R01W, Sec. 5-7, 17-20
County: Roscommon
Unit: Roscommon
Mgmt. Area: High Sand Plains
YOE: 2027
Acres: 3,045.83 GIS Calculated
Examiner: Brian Martell
Date Exported: 6/10/2025
Map Phase: Web Post

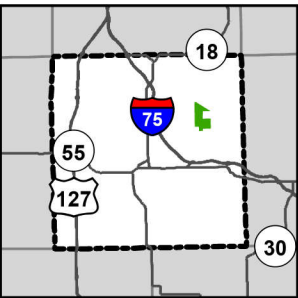


- | | |
|---|---------------------------------------|
|  | Remonumented Section Corners |
|  | Parking Lot |
|  | Trailhead |
|  | Designated Snowmobile Trails |
|  | Designated ATV Trails |
|  | Designated MCCCT Trails |
|  | DNR - Secondary Forest Road |
|  | DNR - Forest Access Route |
|  | Federal / State / County - Paved Road |
|  | County - Gravel Road |
|  | County - Dirt Road (Seasonal) |
|  | Private - Paved Road |
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|  | Lakes and Rivers |
|  | Counties |
|  | Compartment Boundary |
|  | Treatments with Site Conditions |
|  | Clearcut |
|  | Thinning |
|  | Site Prep |
|  | Openings Mgmt. |
|  | Monitoring - Regeneration |
|  | Clearcut |
|  | Openings Mgmt. |
|  | Monitoring - Regeneration |
|  | 411 - Northern Hardwood |
|  | 412 - Oak Types |
|  | 413 - Aspen |
|  | 419 - Mixed Upland Deciduous |
|  | 421 - Planted Pines |
|  | 422 - Natural Pines |
|  | 423 - Other Upland Conifers |
|  | 430 - Upland Mixed Forest |
|  | 612 - Lowland Coniferous Forest |
|  | 310 - Herbaceous Openland |
|  | 330 - Low Density Trees |
|  | 622 - Lowland Shrub |
|  | 623 - Emergent Wetland |
|  | 629 - Mixed non-forested Wetland |

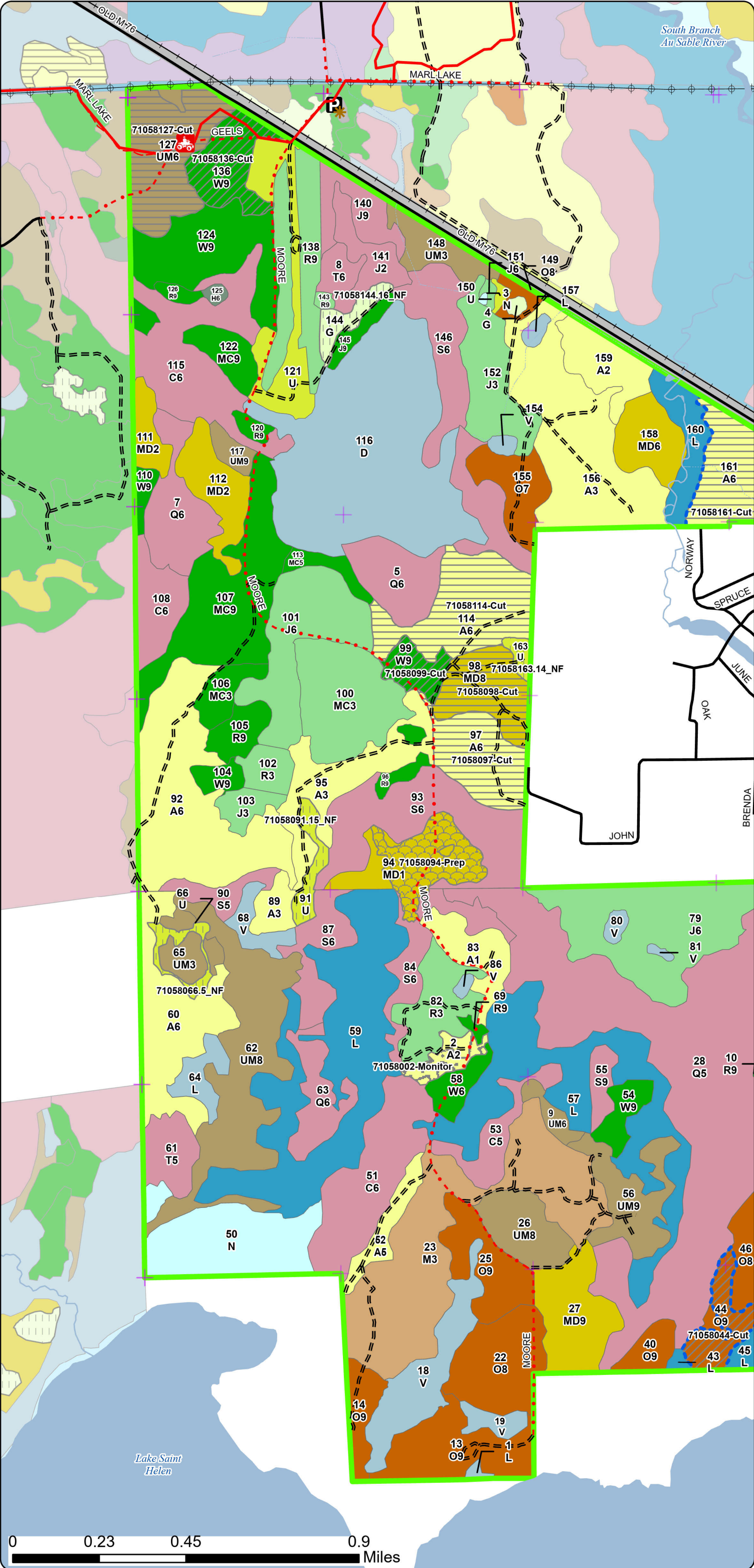


Cover Type & Treatments Map

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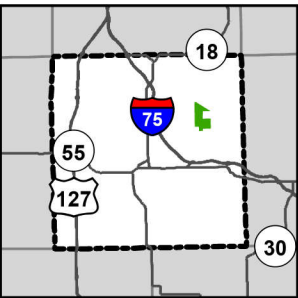


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- Trailhead
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- Active Railroads
- Powerline
- Intermittent Stream
- Perennial River
- Lakes and Rivers
- Counties
- Compartment Boundary
- Treatments with Site Conditions
- Clearcut
- Thinning
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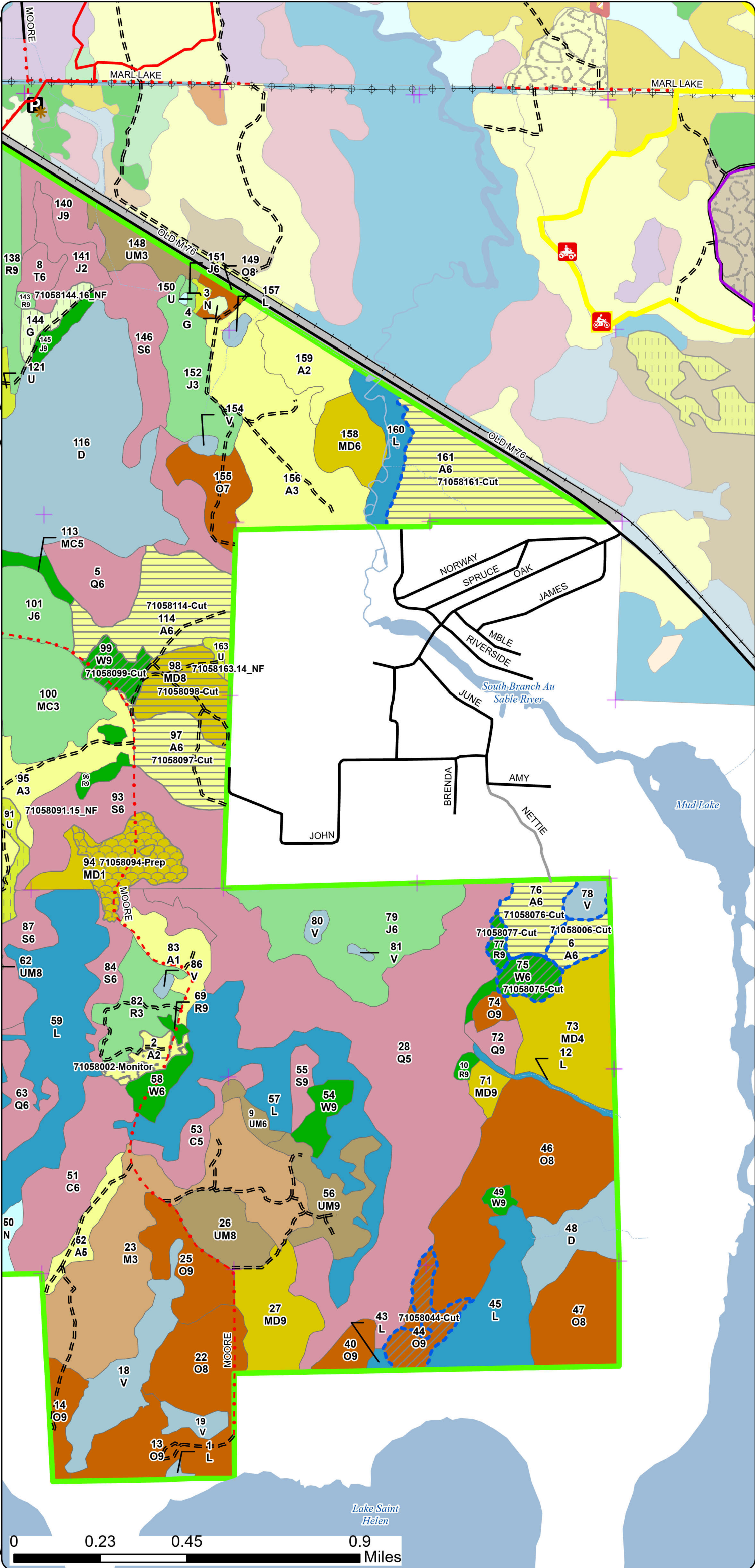


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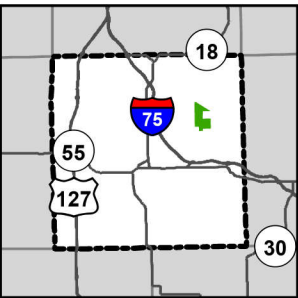


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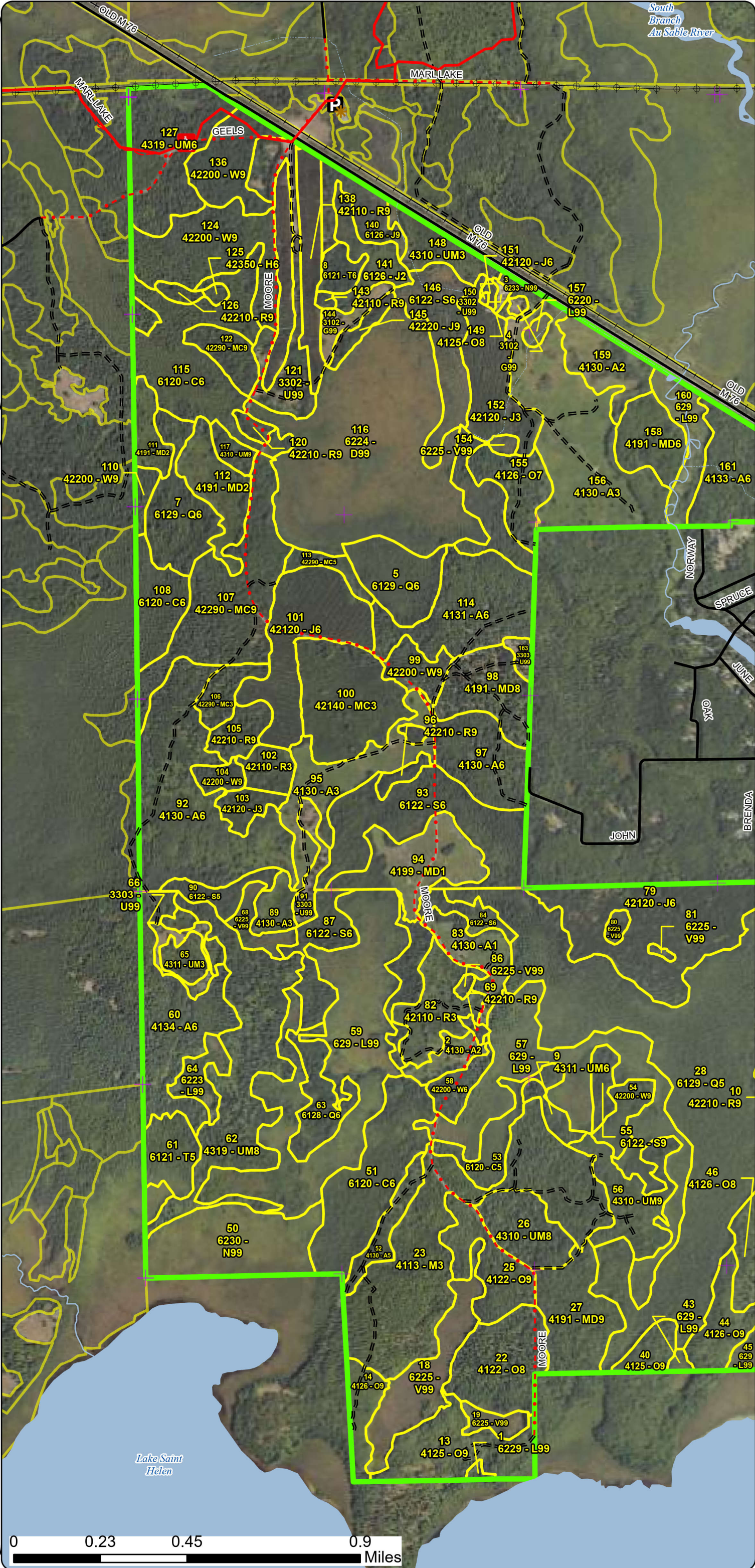


Stand Boundary
Map

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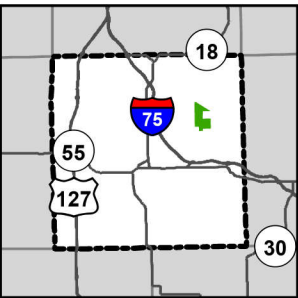


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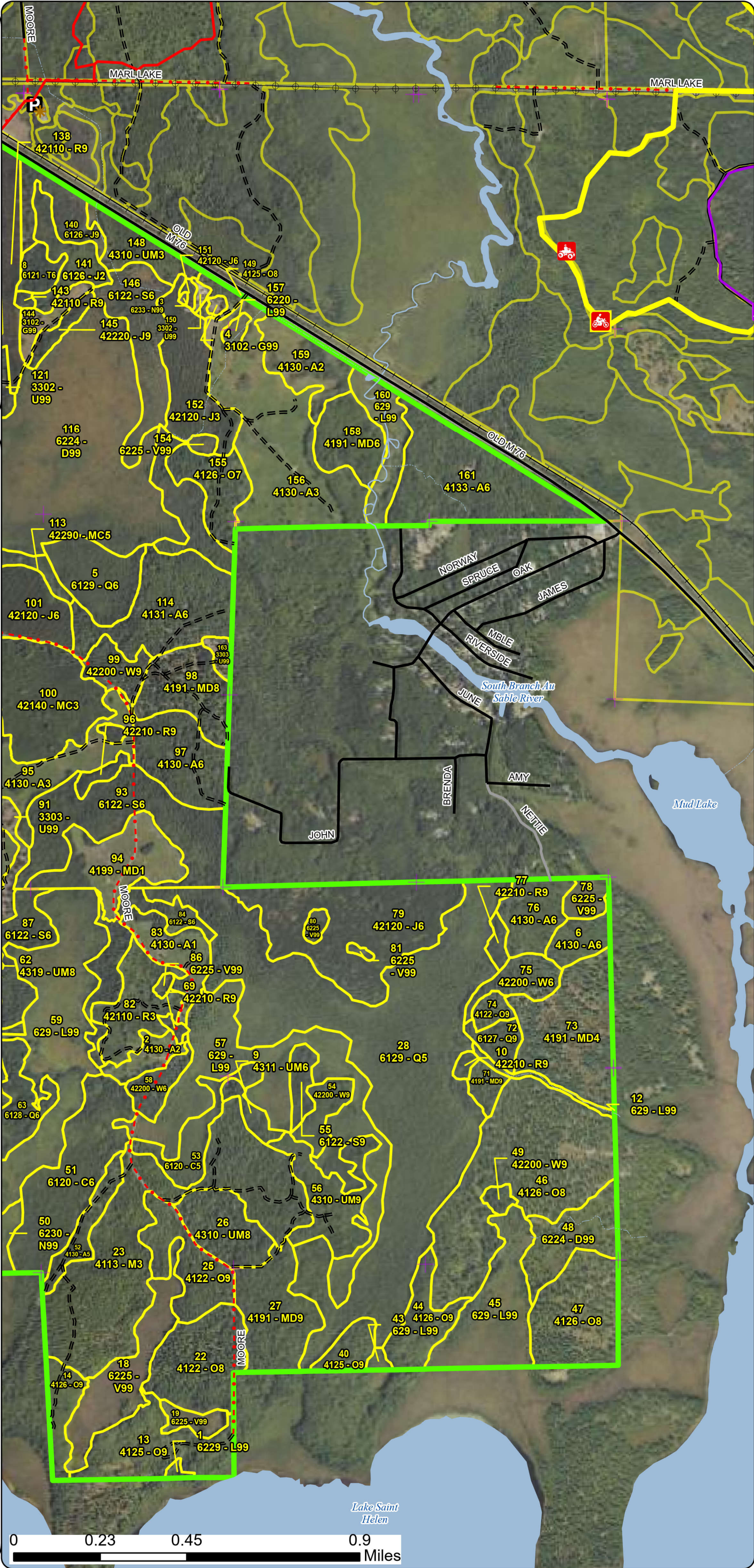


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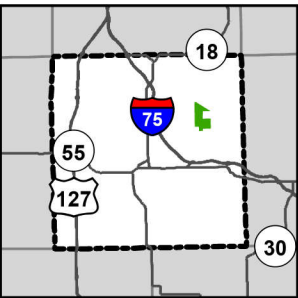


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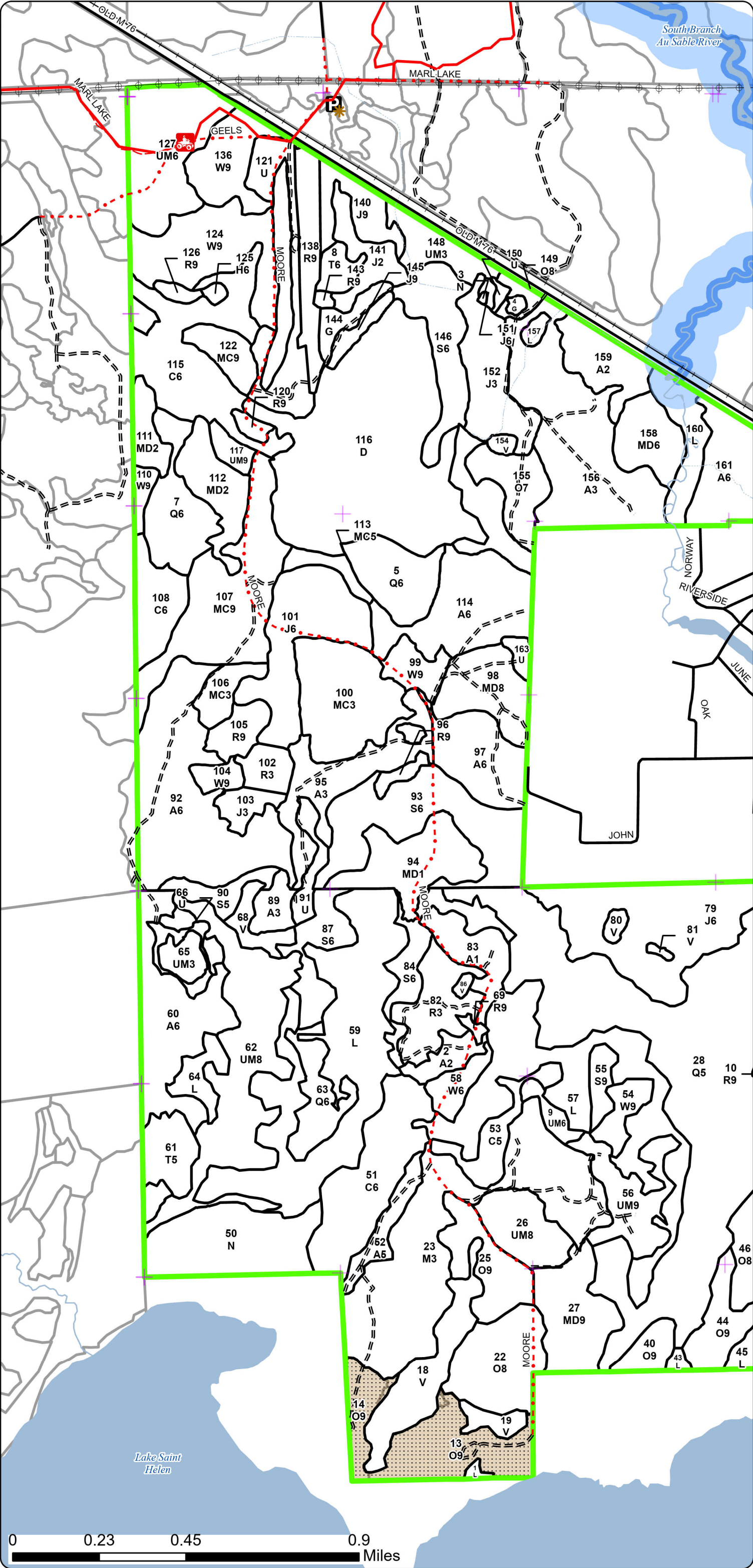


Special Conservation Areas
& Site Conditions Map

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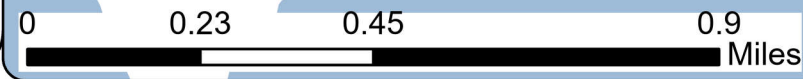
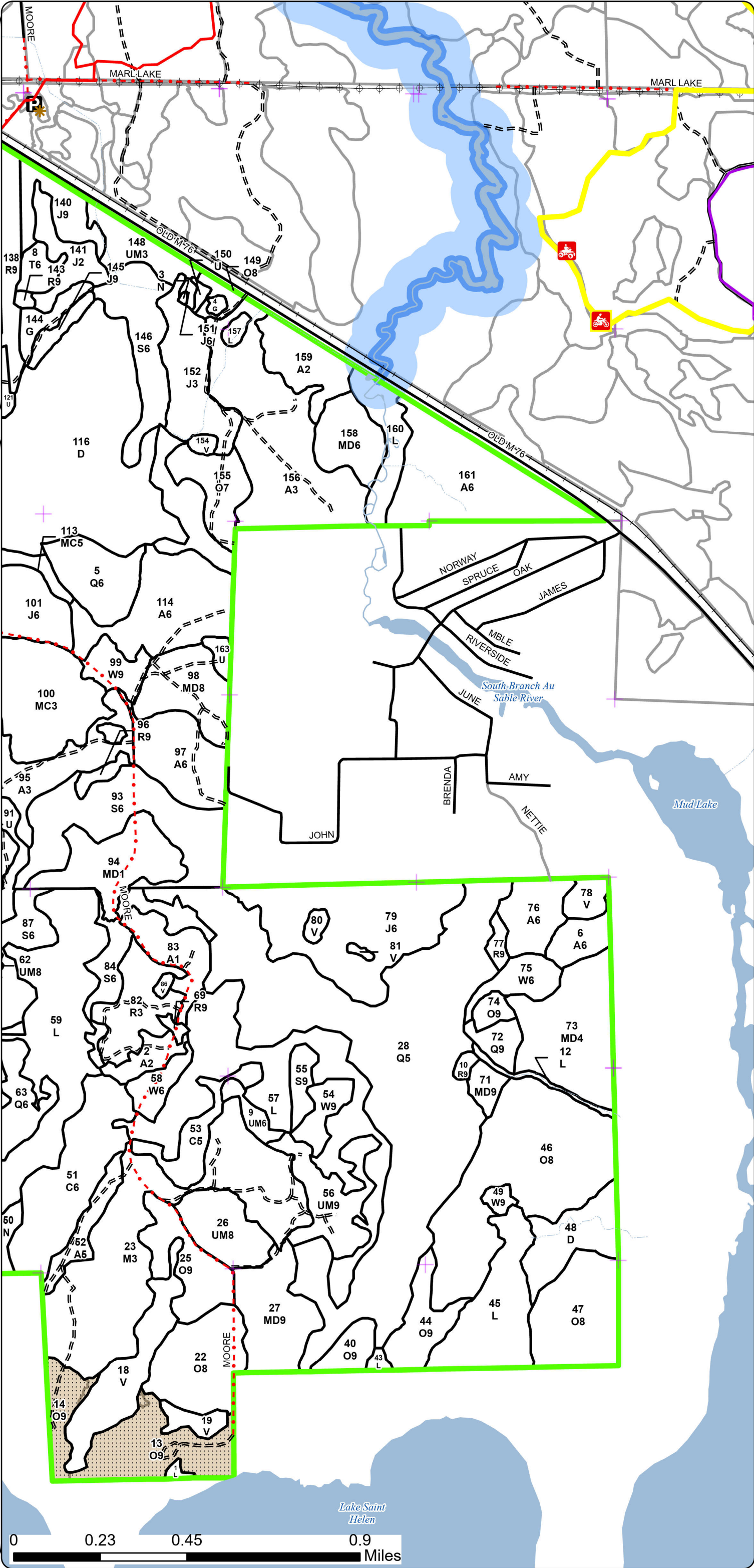
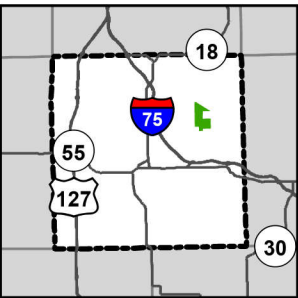


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- Compartment Boundary
- Stand Boundaries
- Natural Rivers Vegetative Buffer
- Natural Rivers Zoning District
- SCA
- Cultural Use Area



Special Conservation Areas
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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	159	9	0	129	0	11	162	0	0	0	0	0	0	0	0	0	0	468
Bog	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60
Cedar	0	0	0	0	0	0	0	0	0	0	0	0	91	0	48	0	0	0	139
Hemlock	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
Herbaceous Openland	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Jack Pine	0	0	23	0	145	1	0	0	6	16	0	0	0	0	0	0	0	0	191
Low-Density Trees	49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	49
Lowland Conifers	0	0	0	0	0	0	0	0	247	0	0	8	71	0	0	0	0	0	326
Lowland Shrub	265	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	265
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	0	29	7	0	105	0	0	0	0	0	141
Marsh	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50
Mixed Upland Deciduous	0	33	33	0	48	0	0	0	0	20	0	0	26	0	38	0	0	0	197
Natural Mixed Pines	0	0	10	0	0	6	0	60	0	0	0	0	15	0	0	0	0	0	90
Northern Hardwood	0	0	0	102	0	0	0	0	0	0	0	0	0	0	0	0	0	0	102
Oak	0	0	0	0	0	0	0	0	4	0	0	0	19	17	250	0	0	0	289
Planted Mixed Pines	0	0	44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44
Red Pine	0	0	34	0	0	0	0	35	7	0	1	2	17	3	0	0	0	0	99
Tamarack	0	0	0	0	0	0	0	23	0	0	0	0	0	0	0	0	0	0	23
Treed Bog	170	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	170
Upland Mixed Forest	0	0	27	0	0	0	46	38	70	0	0	0	0	0	0	0	0	22	203
White Pine	0	0	0	0	0	0	6	25	9	78	0	0	5	0	0	0	0	0	122
Total	603	192	180	102	322	7	63	343	343	143	8	10	349	22	336	0	0	22	3039



Report 2 – Treatment Summary

Roscommon Mgt. Unit

Year of Entry: 2027

Acres of Harvest

Compartment 58

Total Compartment Acres: 3,046

Commercial Harvest - 441

Harvests with Site Condition - 68

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	162	0	0	0	0	0	0	0	0	162
Mixed Upland Deciduous	26	0	0	0	0	0	0	0	0	26
Oak	0	0	0	0	0	16	0	0	0	16
Red Pine	0	0	0	0	0	4	0	0	0	4
Upland Mixed Forest	44	0	0	0	0	0	0	0	0	44
White Pine	0	0	0	0	0	44	0	0	0	44
Total	232	0	0	0	0	64	0	0	0	296

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	296	0	0	0	0	0	9	0	25	356
Next Step	0	0	0	0	0	0	214	0	0	214
Total	296	0	0	0	0	0	223	0	25	570



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:

97	71058097-Cut	29.6	4130 - Aspen	6	64	Unspec ified	Harvest	Clearcut	413 - Aspen	Planting Record	No
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Prescription Cut all trees 2 inches DBH and larger. Leave about a dozen healthy large crowned white oak. Exclude and properly buffer the lowland areas in the middle of the stand as area retention. Leave drumming logs and brush piles along southern lowland edge.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Moderate to fully stocked stand of aspen, oak, maple and pine.

Regen:

Other

Comment:

Site Condition:

Proposed Start Date: 10/01/2026

6	71058006-Cut	10.5	4130 - Aspen	6	65		Harvest	Clearcut	4139 - Aspen, Mixed Deciduous	Planting Record	No
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Prescription Cut all trees 1 inch DBH and larger. Leave all white pine. Leave 3-10% area retention focused along edge of bog. Leave drumming logs.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Moderately stocked stand of aspen and red maple.

Regen:

Other

Comment:

Site Condition: Unknown Access

Proposed Start Date: 10/01/2026

44	71058044-Cut	16.3	4126 - White, Black, N. Pin Oak	9	130	111- 140	Harvest	Thinning	412 - Oak Types	Planting Record	No
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Prescription Thin down to 70 - 90 BA. Leave out wet spot and pocket heavy to white pine poles. Favor white oak over black oak. Include oak wilt specs.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Site Condition: Unknown Access

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
66 71058066.5_N F	5.8	3303 - Mixed Low Density Trees	99			NonForestMgt	Openings Mgmt.	310 - Herbaceous Openland	Previous Inventory	No
<u>Prescription</u> Mow, cultivate, fertilize, seed as required to maintain established Wildlife Opening, Rosco-St. Helen Field 15. <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										
75 71058075-Cut	10.0	42200 - Natural White Pine	6	64	111-140	Harvest	Thinning	4220 - Natural White Pine	Planting Record	No
<u>Prescription</u> Thin stand down to about 90 BA. Remove poor formed and suppressed trees, then remove based on crown spacing. Remove large log trees that will grow out of prime merchantability. All managers agree on the treatment of this natural pine stand at compartment review. <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> Unknown Access <u>Proposed Start Date:</u> 10/01/2026										
76 71058076-Cut	18.4	4130 - Aspen	6	65	81-110	Harvest	Clearcut	413 - Aspen	Planting Record	No
<u>Prescription</u> Cut all trees 2 inches DBH and larger. Leave all white oak 14 inches DBH and larger. Leave 3-10% area retention according to retention guidelines. Leave drumming logs. <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> Fully stocked stand of aspen with red maple, oak, and pine. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> Unknown Access <u>Proposed Start Date:</u> 10/01/2026										
77 71058077-Cut	3.5	42210 - Natural Red Pine	9	114	111-140	Harvest	Thinning	4221 - Natural Red Pine	Planting Record	No
<u>Prescription</u> Thin stand down to about 90 BA. Remove poor formed and suppressed trees including declining black oak, then remove based on crown spacing. Remove large log trees that will grow out of prime merchantability. Leave most, if not all, monarch red pine seed trees. <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> Unknown Access <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
2 71058002-Monitor	8.9	4130 - Aspen	2	5	Immature	Monitoring	Monitoring - Regeneration	413 - Aspen	Planting Record	No
<u>Prescription</u> Check to make sure fully stocked <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> Aspen at fully stocked levels. <u>Regen:</u> <u>Other</u> Percent to Treat = 100% <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2029										
94 71058094-Prep	25.2	4199 - Other Mixed Upland Deciduous	1	4	Immature	Site Prep-Mech.	Site Prep	4211 - Planted Red Pine	Planting Record	No
<u>Prescription</u> Roller chop. Avoid conifer where possible. Chop all the cherry. <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> Fully stocked red pine stand. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2025										
163 71058163.14_NF	3.4	3303 - Mixed Low Density Trees	99			NonForestMgt	Openings Mgmt.	310 - Herbaceous Openland	Previous Inventory	No
<u>Prescription</u> Mow, cultivate, fertilize, seed as required to maintain established Wildlife Opening, Rosco St. Helen Field 13 <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										
98 71058098-Cut	26.2	4191 - Mixed Upland Deciduous with Conifer	8	115	51-80	Harvest	Clearcut	4319 - Mixed Upland Forest	Planting Record	No
<u>Prescription</u> Cut all trees 5 inches DBH and larger. Protect advanced regeneration. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Moderately stocked mixed stand of maple, oak, pine, and aspen. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										



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

99 71058099-Cut 10.9 42200 - Natural White Pine 9 84 81-110 Harvest Thinning 4220 - Natural White Pine Planting Record No

Prescription Remove all Jack pine, then thin the rest of the stand down to about 70 to 90 BA. Focus on white pine crown spacing and removing at risk
Specs: oak. All managers agree to this treatment on this natural pine stand at compartment review.

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Site Condition:

Proposed Start Date: 10/01/2026

114 71058114-Cut 46.4 4131 - Aspen, Oak 6 64 81-110 Harvest Clearcut 4131 - Aspen, Oak Planting Record No

Prescription Cut all trees 2 inches DBH and larger. Leave standard area retention based on retention guidelines. Leave drumming logs and brush piles
Specs: along lowland edge.

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

Acceptable Full to moderate stocked stand of aspen and oak mixed with some maple and pine.
Regen:

Other
Comment:

Site Condition:

Proposed Start Date: 10/01/2026

127 71058127-Cut 44.0 4319 - Mixed Upland Forest 6 55 81-110 Harvest Clearcut 413 - Aspen Planting Record No

Prescription Cut all trees 2 inches DBH and larger. Exclude large blowdown areas in north part of stand (estimated in treatment boundary). Shoot for
Specs: about 3% area retention focused on any wet areas. There are some large super-canopy white pine that are possible legacy trees that should be marked to leave.

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

Acceptable Moderately stocked mix of aspen, oak, maple, white pine, and balsam fir.
Regen:

Other
Comment:

Site Condition:

Proposed Start Date: 10/01/2026

136 71058136-Cut 23.5 42200 - Natural White Pine 9 80 141-170 Harvest Thinning 4220 - Natural White Pine Planting Record No

Prescription Thin stand to around 90 BA. Remove suppressed and poor-formed trees first, then remove based on crown spacing. Remove any dying
Specs: oak and aspen. Leave super canopy white pine. Do not use stand 121 as the landing.

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
144 71058144.16_NF	7.9	3102 - Grass	99			NonForestMgt	Openings Mgmt.	310 - Herbaceous Openland	Previous Inventory	No
<u>Prescription</u> Mow, cultivate, fertilize, seed as required to maintain established Wildlife Opening, Rosco St. Helen Field 12 <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										
161 71058161-Cut	57.0	4133 - Aspen, Mixed Pine	6	60	81-110	Harvest	Clearcut	413 - Aspen	Planting Record	No
<u>Prescription</u> Cut all trees 2 inches DBH and larger, except do not cut any white oak. Leave standard area retention of 3-10% focusing on the required <u>Specs:</u> natural river buffer and/or the wet swale. Acreage may decrease significantly due to the exclusion of these two features. Include timber mats specs to cross the swale. Leave drumming logs. <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Full to moderate stocked stand of aspen with oak, red maple, and white pine. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2034										
91 71058091.15_NF	8.3	3303 - Mixed Low Density Trees	99			NonForestMgt	Openings Mgmt.	310 - Herbaceous Openland	Previous Inventory	No
<u>Prescription</u> Mow, cultivate, fertilize, seed as required to maintain established Wildlife Opening, Rosco St. Helen Field 14 <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										

Total Treatment 355.8
Acreage Proposed:

Report 4 – Site Conditions



Availability for Management

Total Acres Acres Available Acres With Condition Acres Not Available

Dominant Site Conditions

2B 5B 1C 2G 2H 5E

372	326	29	17	Aspen	29					17
60	60	0	0	Bog						
140	0	0	140	Cedar				140		
2	2	0	0	Hemlock						
9	9	0	0	Herbaceous Openland						
186	175	0	11	Jack Pine				11		
49	49	0	0	Low-Density Trees						
321	8	0	313	Lowland Conifers				313		
263	261	0	1	Lowland Shrub				1		
141	40	0	102	Lowland Spruce/Fir				102		
50	50	0	0	Marsh						
171	112	33	27	Mixed Upland Deciduous		33			20	7
92	92	0	0	Natural Mixed Pines						
102	102	0	0	Northern Hardwood						
291	147	92	52	Oak	18	74	47			5
44	44	0	0	Planted Mixed Pines						
100	96	4	0	Red Pine	4					
23	0	0	23	Tamarack				23		
170	170	0	0	Treed Bog						
203	176	27	0	Upland Mixed Forest		27				
122	110	12	0	White Pine	12					
2,909	2,028	196	685	Total Forested Acres	63	134	47	589	20	29
	70%	7%	24%	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)	338	Unspecified	Unspecified	Unspecified	Unspecified
Comments:								

Report 4 – Site Conditions

Roscommon Mgt. Unit
Brian Martell: Examiner

Compartment: 58
Year of Entry: 2027



2	Unavailable	1C: Other Dept. or Div. process	57	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
3	Unavailable	1C: Other Dept. or Div. process	47	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
4	Available	5B: Maintain for regeneration purposes	35	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	43	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Available	5B: Maintain for regeneration purposes	27	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Roscommon Mgt. Unit
Brian Martell: Examiner

Compartment: 58
Year of Entry: 2027



8	Available	2B: Unknown if access through adjacent landowner(s) is possible	63	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
11	Available	5B: Maintain for regeneration purposes	27	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
12	Available	5B: Maintain for regeneration purposes	25	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
13	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	48	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
14	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	16	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
15	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions



17	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
23	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
24	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	16	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
25	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
27	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	103	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
28	Unavailable	5E: Long-Term Retention	7	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions



29	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
33	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
34	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
35	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
38	Available	5B: Maintain for regeneration purposes	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
44	Available	5B: Maintain for regeneration purposes	15	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
45	Unavailable	5E: Long-Term Retention	0	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions



46	Unavailable	5E: Long-Term Retention	1	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							
47	Unavailable	5E: Long-Term Retention	7	2G: Too wet (sensitive soils, does not include access issues)	3J: Water quality/BMPs (stream, river, or lake)	Unspecified	Unspecified
Comments:							
48	Unavailable	5E: Long-Term Retention	10	3J: Water quality/BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments:							
50	Unavailable	5E: Long-Term Retention	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
52	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	20	1A: Federal/State/Local Law	Unspecified	Unspecified	Unspecified
Comments:							

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
	Cultural or Customary Area	Cultural Use Area	SCA	48
Comments				
Historic Value area				





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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments			
14	4126 - White, Black, N. Pin Oak	Sawtimber Well	12.4	125	111-140	N/A	Nice stand of old black and white oak. Good quality black oak with a little bit of red mixed in. Old notes say potential old growth due to native american indian site on the shores of Lake St. Helen.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
White Oak		20		12		White Pine		Medium	Variable	Variable
Black/Red (Hybrid) Oak		73		13	125					
White Pine		1		8						
Red Maple		5	Seedling	6						
Bigtooth Aspen		1		9						
18	6225 - Bog	Unspecified	32.0			No	Bog between two oak ridges to the east and the west.			
Sub-Canopy Species		Density	Avg. Height	Size						
Leatherleaf		Full	< 5 feet	< 5 feet						
19	6225 - Bog	Unspecified	6.1			No	Bog with some lowland brush growing in some areas			
22	4122 - Oak, Pine	Sawtimber Medium	34.5	130	1-50	N/A	Primarily white oak stand that was shelter wood/seed tree cut March 2009. Most of the black oak was removed. All the white pine was left. Almost all the oak stump sprouts have been eaten by the deer. Very little oak regeneration present. There seems to be a fair amount of new white pine regeneration since the harvest.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	
White Oak		55		14	130	Red Pine	Low	Variable	Variable	
Black/Red (Hybrid) Oak		10		12		Black/Red (Hybrid) Oak	Trace	10 - 20 feet	10 - 20 feet	
White Pine		30		9		White Pine	Medium	Variable	Variable	
Red Pine		5		12		Red Maple	Low	>20 feet	>20 feet	
23	4113 - R.Maple, Conifer	Sapling Well	102.1	26	Immature	N/A	Late 1998/ early 1999 oak clearcut that failed in regenerating oak. Open areas were trenched in 2008 and planted to red pine in 2009. Stand is dominated by red maple clumps.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	
Red Maple		64	Pole	3	26	Red Pine	Medium	5 - 10 feet	5 - 10 feet	
Black/Red (Hybrid) Oak		5	Sapling	5	26					
White Pine		10		6						
White Oak		1	Pole	4						
Red Pine		20	Log	3	16					
25	4122 - Oak, Pine	Sawtimber Well	24.7	130	81-110	N/A	CROP TREE CUT IN 1963 TO RELEASE WP UNDERSTORY(old notes). Stand of old oak and white pine. Some red pine scattered and along bog edges on the north end. Heavy sub merchantable white pine in the sub canopy.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	
Red Maple		5	Seedling	6		White Pine	High	Variable	Variable	
White Oak		10		13						
Red Pine		5		12						
Black/Red (Hybrid) Oak		50		14	130					
White Pine		30		9						



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments			
26	4310 - Pine, Oak Mix	Sawtimber Medium	21.8	130	1-50	N/A	Stand was seed tree cut in December of 2008 leaving about 10-20 BA of oak and all the pine. Some scattered stump sprout oak. White pine of variable heights and ages dominate the understory.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
White Oak		5		12		Red Maple		Low	10 - 20 feet	10 - 20 feet
Black/Red (Hybrid) Oak		40		15	130	Black/Red (Hybrid) Oak		Low	10 - 20 feet	10 - 20 feet
White Pine		35		9		White Pine		High	Variable	Variable
Red Pine		15		11						
Bigtooth Aspen		5		8						
27	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	32.5	135	81-110	N/A	CROP TREE RELEASE CUT FOR WP MGMT IN 1971(old comment). Red/White oak with thick white pine understory. More white pine the further east you go with less oak and more red maple. Some young red maple clumps probably from 1971 cut, a few scattered large red pines. A few wetter areas dominated by white pine. A few hemlock on east edge along swamp. Damage to white pine would be excessive if oak was harvested now. Wait until more white pine is merchantable before entering stand.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Red Pine		2		12		White Pine		Medium	Variable	Variable
Black/Red (Hybrid) Oak		40		14	135					
White Pine		35		8						
White Oak		18		13						
28	6129 - Mixed Coniferous Lowland Forest	Poletimber Medium	227.8	79	51-80	N/A				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Tamarack		40		7		Tag Alder		High	5 - 10 feet	5 - 10 feet
Red Maple		5	Sapling	6						
Paper Birch		2	Sapling	6						
Black Spruce		43	Seedling	7	79					
Northern White Cedar		10		8						
40	4125 - Black, N. Pin Oak	Sawtimber Well	9.1	134	81-110	N/A	A pocket of hemlock on the north swamp edge. Lots of white pine saplings and poles that would be hard to protect when harvested.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Black/Red (Hybrid) Oak		69		14	134	White Pine		Medium	Variable	Variable
White Pine		10		7		Red Pine		Low	10 - 20 feet	10 - 20 feet
Red Maple		15		8						
White Oak		5		13						
Red Pine		1		12						
43	629 - Mixed non-forested Wetland	Unspecified	1.8			No	OPIC - FMD: OI Stand Year Origin was			
44	4126 - White, Black, N. Pin Oak	Sawtimber Well	18.1	130	111-140	N/A	Nice quality black and white oak stand with heavy white pine understory in places. There is a pocket in the west central part of the stand that is dominated by white pine poles.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Black/Red (Hybrid) Oak		67		12	130	White Pine		Medium	Variable	Variable
White Pine		4		8						
Red Maple		5		8						
Bigtooth Aspen		1		8						
White Oak		23		12						



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments					
45	629 - Mixed non-forested Wetland	Unspecified	39.4			No	Mostly cattails and lowland shrub.					
46	4126 - White, Black, N. Pin Oak	Sawtimber Medium	91.2	135	1-50	N/A	Shelterwood/seed tree cut 2011. All white pine was left. All oak stump sprouts have been eaten by deer. No oak regeneration present. Some maple sprouts have made it above browse height.					
Canopy Species				% Cover	Size Class	DBH		Age	Sub-Canopy Species	Density	Avg. Height	Size
White Oak				50		14		135	White Pine	Medium	Variable	Variable
Black/Red (Hybrid) Oak				25		13			Red Maple	Low	10 - 20 feet	10 - 20 feet
White Pine				25		9						
47	4126 - White, Black, N. Pin Oak	Sawtimber Medium	38.0	135	1-50	N/A	Stand was seed tree cut 2011. Oak wilt was present in the stand. Deer have severely impacted oak regeneration. No oak regeneration is present whatsoever. Oak stump sprouted but all were browsed. Stand is dominated by white oak saw timber. Pine is slowly seeding in.					
Canopy Species				% Cover	Size Class	DBH		Age	Sub-Canopy Species	Density	Avg. Height	Size
White Oak				70		13		135	Red Pine	Low	Variable	Variable
Black/Red (Hybrid) Oak				20		13			White Pine	Low	Variable	Variable
White Pine				10		8						
48	6224 - Treed Bog	Unspecified	23.8			No	Lowland with upland low density conifer. Many places are learherleaf bog.					
49	42200 - Natural White Pine	Sawtimber Well	3.0	64	81-110	N/A						
Canopy Species				% Cover	Size Class	DBH		Age	Sub-Canopy Species	Density	Avg. Height	Size
Black/Red (Hybrid) Oak				5		12			White Pine	Low	Variable	Variable
White Pine				80		10		64				
White Oak				15		12						
50	6230 - Cattail	Unspecified	49.4			No	Cattails, marsh grasses, and tag alder.					
51	6120 - Lowland Cedar	Poletimber Well	48.4	134	111-140	N/A	Variable swamp conifer stand. Areas of nice, thick cedar poletimber.					
Canopy Species				% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	
Balsam Fir				10	Seedling	6		Balsam Fir	Low	Variable	Variable	
Black Spruce				20		8		Tag Alder	High	5 - 10 feet	5 - 10 feet	
Northern White Cedar				70		8	134	Black Spruce	Low	Variable	Variable	
52	4130 - Aspen	Poletimber Medium	11.4	55	51-80	N/A	Small narrow stand of primarily bigtooth aspen. Some scattered oak and pine. North end is primarily low quality quaking aspen.					
Canopy Species				% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	
Quaking Aspen				20	Seedling	7		Balsam Fir	Medium	Variable	Variable	
Black/Red (Hybrid) Oak				2		12		White Pine	Medium	Variable	Variable	
White Oak				3		16						
Balsam Fir				5	Seedling	5						
Red Pine				2		12						
Bigtooth Aspen				68		8	55					
											Possibly harvest for MA aspen goals.	





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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																															
66	3303 - Mixed Low Density Trees	Unspecified	5.8			Yes	Maintained opening R15																																																															
68	6225 - Bog	Unspecified	8.4			No	Bog with some scattered sapling conifers.																																																															
69	42210 - Natural Red Pine	Sawtimber Well	1.6	77	171-200	N/A	THINNED IN 2010																																																															
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Red Pine</td><td>90</td><td></td><td>11</td><td>77</td><td>Quaking Aspen</td><td>Low</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>White Pine</td><td>10</td><td></td><td>10</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	Red Pine	90		11	77	Quaking Aspen	Low	10 - 20 feet	10 - 20 feet	White Pine	10		10																																									
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size																																																														
Red Pine	90		11	77	Quaking Aspen	Low	10 - 20 feet	10 - 20 feet																																																														
White Pine	10		10																																																																			
71	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	5.8	134	81-110	N/A	Mixed oak/pine stand.																																																															
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Red Pine</td><td>5</td><td></td><td>13</td><td></td><td>White Pine</td><td>Medium</td><td>Variable</td><td>Variable</td></tr><tr><td>Black Spruce</td><td>5</td><td></td><td>8</td><td></td><td>Red Maple</td><td>Low</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>45</td><td></td><td>12</td><td>134</td><td></td><td></td><td></td><td></td></tr><tr><td>White Pine</td><td>25</td><td></td><td>8</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>White Oak</td><td>10</td><td></td><td>11</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Red Maple</td><td>10</td><td></td><td>8</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	Red Pine	5		13		White Pine	Medium	Variable	Variable	Black Spruce	5		8		Red Maple	Low	10 - 20 feet	10 - 20 feet	Black/Red (Hybrid) Oak	45		12	134					White Pine	25		8						White Oak	10		11						Red Maple	10		8					
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size																																																														
Red Pine	5		13		White Pine	Medium	Variable	Variable																																																														
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White Pine	25		8																																																																			
White Oak	10		11																																																																			
Red Maple	10		8																																																																			
72	6127 - Lowland Pine	Sawtimber Well	7.9	104	81-110	N/A																																																																
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Red Pine</td><td>10</td><td></td><td>14</td><td></td><td>Black Spruce</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>3</td><td></td><td>12</td><td></td><td>Leatherleaf</td><td>High</td><td>< 5 feet</td><td>< 5 feet</td></tr><tr><td>White Pine</td><td>71</td><td></td><td>12</td><td>104</td><td>White Pine</td><td>High</td><td>Variable</td><td>Variable</td></tr><tr><td>Red Maple</td><td>10</td><td></td><td>12</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Paper Birch</td><td>1</td><td>Seedling</td><td>7</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Black Spruce</td><td>5</td><td>Seedling</td><td>7</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	Red Pine	10		14		Black Spruce	Low	Variable	Variable	Black/Red (Hybrid) Oak	3		12		Leatherleaf	High	< 5 feet	< 5 feet	White Pine	71		12	104	White Pine	High	Variable	Variable	Red Maple	10		12						Paper Birch	1	Seedling	7						Black Spruce	5	Seedling	7					
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White Pine	71		12	104	White Pine	High	Variable	Variable																																																														
Red Maple	10		12																																																																			
Paper Birch	1	Seedling	7																																																																			
Black Spruce	5	Seedling	7																																																																			
73	4191 - Mixed Upland Deciduous with Conifer	Sapling Poor	47.5	35	1-50	N/A	Scattered cherry, red maple, white pine, and a few aspen clones. Looks like it burned in a fire years ago.																																																															
<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>30</td><td></td><td>10</td><td></td></tr><tr><td>Quaking Aspen</td><td>5</td><td>Seedling</td><td>7</td><td>35</td></tr><tr><td>Pin Cherry</td><td>55</td><td>Pole</td><td>4</td><td>35</td></tr><tr><td>Red Maple</td><td>10</td><td>Sapling</td><td>5</td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	White Pine	30		10		Quaking Aspen	5	Seedling	7	35	Pin Cherry	55	Pole	4	35	Red Maple	10	Sapling	5																																							
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																						
80	6225 - Bog	Unspecified	2.6			No																																																							
81	6225 - Bog		1.0			No																																																							
82	42110 - Planted Red Pine	Sapling Well	25.0	13	Immature	N/A	Cut summer 2010. Trenched 2011 and planted 2012.																																																						
<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>5</td><td>Log</td><td>2</td><td>15</td></tr><tr><td>Red Pine</td><td>2</td><td></td><td>14</td><td></td></tr><tr><td>Red Pine</td><td>78</td><td>Log</td><td>2</td><td>13</td></tr><tr><td>Quaking Aspen</td><td>8</td><td>Log</td><td>2</td><td>15</td></tr><tr><td>Pin Cherry</td><td>2</td><td>Log</td><td>2</td><td></td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>1</td><td></td><td>14</td><td></td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>1</td><td>Log</td><td>2</td><td></td></tr><tr><td>Jack Pine</td><td>2</td><td>Log</td><td>2</td><td></td></tr><tr><td>White Oak</td><td>1</td><td></td><td>14</td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Bigtooth Aspen	5	Log	2	15	Red Pine	2		14		Red Pine	78	Log	2	13	Quaking Aspen	8	Log	2	15	Pin Cherry	2	Log	2		Black/Red (Hybrid) Oak	1		14		Black/Red (Hybrid) Oak	1	Log	2		Jack Pine	2	Log	2		White Oak	1		14					
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Black/Red (Hybrid) Oak	1	Log	2																																																										
Jack Pine	2	Log	2																																																										
White Oak	1		14																																																										
83	4130 - Aspen	Sapling Poor	18.1	5	Immature	N/A	High end of canopy coverage percentage range but still has some filling in to do.																																																						
<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>1</td><td>Log</td><td>2</td><td></td></tr><tr><td>Balsam Fir</td><td>2</td><td>Log</td><td>1</td><td></td></tr><tr><td>Quaking Aspen</td><td>87</td><td>Log</td><td>1</td><td>5</td></tr><tr><td>Pin Cherry</td><td>10</td><td>Log</td><td>1</td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	White Pine	1	Log	2		Balsam Fir	2	Log	1		Quaking Aspen	87	Log	1	5	Pin Cherry	10	Log	1																														
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White Pine	1	Log	2																																																										
Balsam Fir	2	Log	1																																																										
Quaking Aspen	87	Log	1	5																																																									
Pin Cherry	10	Log	1																																																										
84	6122 - Black Spruce	Poletimber Well	20.5	119	81-110	N/A																																																							
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Black Spruce	91		8	119	Leatherleaf	High	< 5 feet	< 5 feet																																																					
Black/Red (Hybrid) Oak	2		12																																																										
White Pine	1		12																																																										
86	6225 - Bog	Unspecified	1.3			No	small bog with some spruce and jack pine along edges.																																																						



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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																																
94	4199 - Other Mixed Upland Deciduous	Sapling Poor	32.9	4	Immature	N/A	Natural jack pine stand with some maple and fir that was cut. Old stand notes say to plant jackpine, but that has not been done. Plant red pine instead.																																																																																
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Black Spruce</td><td>5</td><td>Log</td><td>2</td><td></td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>1</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><tr><td>Red Maple</td><td>15</td><td>Log</td><td>1</td><td>4</td></tr><tr><td>Bigtooth Aspen</td><td>5</td><td>Log</td><td>1</td><td>4</td></tr><tr><td>Quaking Aspen</td><td>10</td><td>Log</td><td>1</td><td>4</td></tr><tr><td>Pin Cherry</td><td>59</td><td>Log</td><td>1</td><td>4</td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Black Spruce	5	Log	2		Black/Red (Hybrid) Oak	1	Log	1		Jack Pine	5	Log	1		Red Maple	15	Log	1	4	Bigtooth Aspen	5	Log	1	4	Quaking Aspen	10	Log	1	4	Pin Cherry	59	Log	1	4																																								
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Quaking Aspen	10	Log	1	4																																																																																			
Pin Cherry	59	Log	1	4																																																																																			
95	4130 - Aspen	Sapling Well	34.4	4	Immature	N/A																																																																																	
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>White Pine</td><td>1</td><td>Log</td><td>2</td><td></td></tr><tr><td>Red Maple</td><td>5</td><td>Log</td><td>1</td><td></td></tr><tr><td>Bigtooth Aspen</td><td>40</td><td>Log</td><td>1</td><td>4</td></tr><tr><td>Quaking Aspen</td><td>49</td><td>Log</td><td>1</td><td>4</td></tr><tr><td>Pin Cherry</td><td>5</td><td>Log</td><td>1</td><td></td></tr></table>							Canopy Species	% Cover	Size Class	DBH	Age	White Pine	1	Log	2		Red Maple	5	Log	1		Bigtooth Aspen	40	Log	1	4	Quaking Aspen	49	Log	1	4	Pin Cherry	5	Log	1																																																				
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Bigtooth Aspen	40	Log	1	4																																																																																			
Quaking Aspen	49	Log	1	4																																																																																			
Pin Cherry	5	Log	1																																																																																				
96	42210 - Natural Red Pine	Sawtimber Well	5.4	75	111-140	N/A	Small stand of natural red pine with white pine.																																																																																
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Red Maple</td><td>5</td><td></td><td>8</td><td></td><td>White Pine</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>Bigtooth Aspen</td><td>5</td><td>Seedling</td><td>7</td><td></td><td>Balsam Fir</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>Red Pine</td><td>78</td><td></td><td>13</td><td>75</td><td>Black Spruce</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>White Pine</td><td>12</td><td></td><td>13</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	Red Maple	5		8		White Pine	Low	Variable	Variable	Bigtooth Aspen	5	Seedling	7		Balsam Fir	Low	Variable	Variable	Red Pine	78		13	75	Black Spruce	Low	Variable	Variable	White Pine	12		13																																									
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97	4130 - Aspen	Poletimber Well	29.6	64	Unspecified	N/A																																																																																	
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Red Pine</td><td>1</td><td></td><td>10</td><td></td><td>White Pine</td><td>Medium</td><td>Variable</td><td>Variable</td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>8</td><td></td><td>13</td><td></td><td>Balsam Fir</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>White Pine</td><td>15</td><td></td><td>10</td><td></td><td>Pin Cherry</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Jack Pine</td><td>1</td><td></td><td>12</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>White Oak</td><td>1</td><td></td><td>15</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Red Maple</td><td>3</td><td></td><td>8</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Bigtooth Aspen</td><td>70</td><td></td><td>8</td><td>64</td><td></td><td></td><td></td><td></td></tr><tr><td>Northern White Cedar</td><td>1</td><td></td><td>12</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	Red Pine	1		10		White Pine	Medium	Variable	Variable	Black/Red (Hybrid) Oak	8		13		Balsam Fir	Low	Variable	Variable	White Pine	15		10		Pin Cherry	Low	5 - 10 feet	5 - 10 feet	Jack Pine	1		12						White Oak	1		15						Red Maple	3		8						Bigtooth Aspen	70		8	64					Northern White Cedar	1		12					
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																		
104	42200 - Natural White Pine		5.7	52	111-140	N/A																																																																			
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Black/Red (Hybrid) Oak</td><td>2</td><td></td><td>8</td><td></td></tr><tr><td>White Pine</td><td>65</td><td></td><td>12</td><td>52</td></tr><tr><td>Red Maple</td><td>5</td><td></td><td>8</td><td></td></tr><tr><td>Bigtooth Aspen</td><td>5</td><td></td><td>12</td><td></td></tr><tr><td>Red Pine</td><td>23</td><td></td><td>13</td><td></td></tr></table>			Canopy Species	% Cover	Size Class	DBH	Age	Black/Red (Hybrid) Oak	2		8		White Pine	65		12	52	Red Maple	5		8		Bigtooth Aspen	5		12		Red Pine	23		13		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>White Pine</td><td>Medium</td><td>Variable</td><td>Variable</td></tr></table>				Sub-Canopy Species	Density	Avg. Height	Size	White Pine	Medium	Variable	Variable																													
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Sub-Canopy Species	Density	Avg. Height	Size																																																																						
White Pine	Medium	Variable	Variable																																																																						
105	42210 - Natural Red Pine	Sawtimber Well	10.6	115	81-110	N/A	Stand of red and white pine. Looks like some hardwoods have been removed in the past. East side has high water table with bog type ground cover.																																																																		
<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>1</td><td>Seedling</td><td>7</td><td></td></tr><tr><td>White Pine</td><td>34</td><td></td><td>14</td><td></td></tr><tr><td>Red Pine</td><td>65</td><td></td><td>14</td><td>115</td></tr></table>			Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	1	Seedling	7		White Pine	34		14		Red Pine	65		14	115	<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>Balsam Fir</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	White Pine	Low	Variable	Variable	Balsam Fir	Low	Variable	Variable	Pin Cherry	Low	5 - 10 feet	5 - 10 feet																															
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Pin Cherry	Low	5 - 10 feet	5 - 10 feet																																																																						
106	42290 - Natural Mixed Pine	Sapling Well	10.2	17	1-50	N/A	Stand was cut spring 2008 with mature white pine and oak left scattered about. Stand naturally regenerated to jack pine well.																																																																		
<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>10</td><td>Log</td><td>3</td><td>17</td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>5</td><td></td><td>12</td><td></td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>4</td><td>Log</td><td>2</td><td>17</td></tr><tr><td>White Pine</td><td>20</td><td></td><td>12</td><td></td></tr><tr><td>White Pine</td><td>5</td><td>Log</td><td>2</td><td></td></tr><tr><td>Jack Pine</td><td>50</td><td>Log</td><td>2</td><td>17</td></tr><tr><td>Red Pine</td><td>1</td><td></td><td>12</td><td></td></tr><tr><td>Pin Cherry</td><td>5</td><td>Log</td><td>1</td><td></td></tr></table>			Canopy Species	% Cover	Size Class	DBH	Age	Bigtooth Aspen	10	Log	3	17	Black/Red (Hybrid) Oak	5		12		Black/Red (Hybrid) Oak	4	Log	2	17	White Pine	20		12		White Pine	5	Log	2		Jack Pine	50	Log	2	17	Red Pine	1		12		Pin Cherry	5	Log	1																											
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Pin Cherry	5	Log	1																																																																						
107	42290 - Natural Mixed Pine	Sawtimber Well	60.4	65	111-140	N/A	White and red pine stand with some oak and red maple mixed in. Some scattered aspen found mostly on south end. Some balsam fir and black spruce along swamp edges.																																																																		
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Black Spruce</td><td>1</td><td>Seedling</td><td>7</td><td></td></tr><tr><td>Balsam Fir</td><td>2</td><td>Seedling</td><td>7</td><td></td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>8</td><td></td><td>13</td><td></td></tr><tr><td>White Pine</td><td>49</td><td></td><td>10</td><td>65</td></tr><tr><td>Jack Pine</td><td>3</td><td></td><td>9</td><td></td></tr><tr><td>Red Maple</td><td>8</td><td></td><td>8</td><td></td></tr><tr><td>Bigtooth Aspen</td><td>3</td><td></td><td>12</td><td></td></tr><tr><td>Red Pine</td><td>26</td><td></td><td>11</td><td></td></tr></table>			Canopy Species	% Cover	Size Class	DBH	Age	Black Spruce	1	Seedling	7		Balsam Fir	2	Seedling	7		Black/Red (Hybrid) Oak	8		13		White Pine	49		10	65	Jack Pine	3		9		Red Maple	8		8		Bigtooth Aspen	3		12		Red Pine	26		11		<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>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><tr><td>Red Maple</td><td>Low</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr></table>				Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Low	Variable	Variable	Black/Red (Hybrid) Oak	Low	5 - 10 feet	5 - 10 feet	White Pine	Medium	Variable	Variable	Red Maple	Low	10 - 20 feet	10 - 20 feet		
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MICHIGAN

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																				
108	6120 - Lowland Cedar	Poletimber Well	19.7	115	Unspecified	N/A																																																					
		<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Black Spruce</td><td>5</td><td></td><td>10</td><td></td></tr><tr><td>Northern White Cedar</td><td>92</td><td></td><td>8</td><td>115</td></tr><tr><td>Red Maple</td><td>1</td><td></td><td>10</td><td></td></tr><tr><td>Paper Birch</td><td>1</td><td>Seedling</td><td>7</td><td></td></tr><tr><td>White Pine</td><td>1</td><td></td><td>14</td><td></td></tr></table>	Canopy Species	% Cover	Size Class	DBH	Age	Black Spruce	5		10		Northern White Cedar	92		8	115	Red Maple	1		10		Paper Birch	1	Seedling	7		White Pine	1		14				<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>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>	Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	High	5 - 10 feet	5 - 10 feet																
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110	42200 - Natural White Pine	Sawtimber Well	4.5	115	111-140	N/A																																																					
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111	4191 - Mixed Upland Deciduous with Conifer	Sapling Medium	10.4	16	Immature	N/A																																																					
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112	4191 - Mixed Upland Deciduous with Conifer	Sapling Medium	22.1	16	Immature	N/A	Natural jack pine with hardwood competition. Previously cut in 2009. Left jack pine tops as seed source.																																																				
		<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>10</td><td>Log</td><td>2</td><td></td></tr><tr><td>White Pine</td><td>5</td><td>Pole</td><td>3</td><td></td></tr><tr><td>Jack Pine</td><td>35</td><td>Log</td><td>2</td><td>16</td></tr><tr><td>Red Maple</td><td>30</td><td>Log</td><td>2</td><td>16</td></tr><tr><td>Pin Cherry</td><td>20</td><td>Log</td><td>2</td><td>16</td></tr></table>	Canopy Species	% Cover	Size Class	DBH	Age	Black/Red (Hybrid) Oak	10	Log	2		White Pine	5	Pole	3		Jack Pine	35	Log	2	16	Red Maple	30	Log	2	16	Pin Cherry	20	Log	2	16																											
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113	42290 - Natural Mixed Pine	Poletimber Medium	6.4	40	1-50	N/A	Low density open grown white pine stand. Some areas of jack pine. Pockets of log white pine along lowland edge.																																																				
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																			
136	42200 - Natural White Pine	Sawtimber Well	23.5	80	141-170	N/A																																																				
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138	42110 - Planted Red Pine	Sawtimber Well	35.0	66	111-140	N/A	Thinned in the spring of 2019																																																			
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140	6126 - Lowland Jack Pine	Sawtimber Well	16.1	85	81-110	N/A	Older jack pine stand that is experiencing heavy mortality. NW area is high and dry but south 1/3 has a high water table. South part of stand has some spruce mixed in.																																																			
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Black/Red (Hybrid) Oak</td><td>5</td><td></td><td>12</td><td></td></tr><tr><td>White Pine</td><td>20</td><td></td><td>10</td><td></td></tr><tr><td>Jack Pine</td><td>70</td><td></td><td>9</td><td>85</td></tr><tr><td>Black Spruce</td><td>2</td><td></td><td>8</td><td></td></tr><tr><td>Red Maple</td><td>3</td><td>Seedling</td><td>6</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age	Black/Red (Hybrid) Oak	5		12		White Pine	20		10		Jack Pine	70		9	85	Black Spruce	2		8		Red Maple	3	Seedling	6		<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>Black Spruce</td><td>Low</td><td>Variable</td><td>Variable</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	White Pine	Low	Variable	Variable	Black Spruce	Low	Variable	Variable													
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141	6126 - Lowland Jack Pine	Sapling Medium	15.2	16	Immature	N/A	Wet jack pine stand that was cut two entries ago. South end is higher and drier and has more oak and aspen.																																																			
<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>Log</td><td>2</td><td></td></tr><tr><td>Tamarack</td><td>5</td><td>Log</td><td>2</td><td></td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>8</td><td>Log</td><td>2</td><td></td></tr><tr><td>White Pine</td><td>2</td><td>Pole</td><td>3</td><td></td></tr><tr><td>Jack Pine</td><td>55</td><td>Log</td><td>2</td><td>16</td></tr><tr><td>Black Spruce</td><td>5</td><td>Log</td><td>2</td><td></td></tr><tr><td>Quaking Aspen</td><td>20</td><td>Log</td><td>2</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	5	Log	2		Tamarack	5	Log	2		Black/Red (Hybrid) Oak	8	Log	2		White Pine	2	Pole	3		Jack Pine	55	Log	2	16	Black Spruce	5	Log	2		Quaking Aspen	20	Log	2		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Labrador Tea</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Leatherleaf</td><td>High</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Labrador Tea	Low	5 - 10 feet	5 - 10 feet	Leatherleaf	High	5 - 10 feet	5 - 10 feet			
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143	42110 - Planted Red Pine	Sawtimber Well	1.3	95	81-110	N/A	Red pine stand that had been thinned then RX burned two entries ago. Understory is thick red maple and some black oak.																																																			
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144	3102 - Grass	Unspecified	7.9			Yes	Managed wildlife opening.																																																			



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																	
145	42220 - Natural Jack Pine	Sawtimber Well	5.6	73	81-110	N/A																																																		
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146	6122 - Black Spruce	Poletimber Well	30.2	115	51-80	N/A	Lowland black spruce amd jack pine stand. Leather leaf ground cover. Possible old railroad runs N & S through stand.																																																	
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Jack Pine</td><td>45</td><td>Sapling</td><td>5</td><td>115</td></tr><tr><td>Tamarack</td><td>2</td><td>Sapling</td><td>5</td><td></td></tr><tr><td>Black Spruce</td><td>53</td><td>Sapling</td><td>6</td><td>115</td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age	Jack Pine	45	Sapling	5	115	Tamarack	2	Sapling	5		Black Spruce	53	Sapling	6	115	<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Black Spruce</td><td>Low</td><td>< 5 feet</td><td>< 5 feet</td></tr><tr><td>Balsam Fir</td><td>Low</td><td>< 5 feet</td><td>< 5 feet</td></tr><tr><td>Leatherleaf</td><td>Full</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Black Spruce	Low	< 5 feet	< 5 feet	Balsam Fir	Low	< 5 feet	< 5 feet	Leatherleaf	Full	5 - 10 feet	5 - 10 feet																	
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148	4310 - Pine, Oak Mix	Sapling Well	15.3	16	Immature	N/A	Stand was cut in 2009. Jack pine tops were left for natural regeneration. Appears to be working well. Some pockets of mature retention.																																																	
<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>20</td><td>Log</td><td>1</td><td></td></tr><tr><td>Jack Pine</td><td>50</td><td>Log</td><td>2</td><td>16</td></tr><tr><td>Quaking Aspen</td><td>20</td><td>Log</td><td>2</td><td></td></tr><tr><td>Red Maple</td><td>10</td><td>Log</td><td>2</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age	Black/Red (Hybrid) Oak	20	Log	1		Jack Pine	50	Log	2	16	Quaking Aspen	20	Log	2		Red Maple	10	Log	2																															
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149	4125 - Black, N. Pin Oak	Sawtimber Medium	4.1	70	51-80	N/A																																																		
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150	3302 - Low Density Conifer Trees	Unspecified	1.4			No	Part of an old borrow pit area with exposed sand ground cover with patches of hack pine seeded in.																																																	
		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Jack Pine</td><td>Medium</td><td>Variable</td><td>Variable</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Jack Pine	Medium	Variable	Variable																																													
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151	42120 - Planted Jack Pine		1.3	47	81-110	N/A	Looks to be part of an old borrow pit that was planted or seeded to jack pine.																																																	
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MICHIGAN

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																									
152	42120 - Planted Jack Pine	Sapling Well	30.8	33	Immature	N/A	Dense jack pine stand that has an FTP to be planted in 1992, but appears that it could have been seeded. There is a small lowland area in the south-central part of the stand with leatherleaf ground cover and some spruce and jack pine.																																									
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154	6225 - Bog	Unspecified	2.1			No																																										
155	4126 - White, Black, N. Pin Oak	Sawtimber Poor	19.4	115	51-80	N/A	Stand was shelterwood/seed tree cut fall 2010. Stand has pockets of aspen saplings along with scattered oak and maple regenerating in the understory.																																									
<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>25</td><td></td><td>14</td><td></td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>65</td><td></td><td>15</td><td>115</td></tr><tr><td>White Pine</td><td>10</td><td></td><td>10</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		White Oak	25		14		Black/Red (Hybrid) Oak	65		15	115	White Pine	10		10		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Quaking Aspen</td><td>Medium</td><td>>20 feet</td><td>>20 feet</td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>White Pine</td><td>Low</td><td>Variable</td><td>Variable</td></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>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Quaking Aspen	Medium	>20 feet	>20 feet	Black/Red (Hybrid) Oak	Medium	5 - 10 feet	5 - 10 feet	White Pine	Low	Variable	Variable	White Oak	Low	5 - 10 feet	5 - 10 feet	Red Maple	Medium	10 - 20 feet	10 - 20 feet
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Red Maple	Medium	10 - 20 feet	10 - 20 feet																																													
156	4130 - Aspen	Sapling Well	76.1	4	Immature	N/A	Some water areas did not regenerate very well. Stand includes a mature retention island from previous harvest.																																									
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157	6220 - Alder/Willow	Unspecified	2.5			No																																										
158	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	20.1	85	81-110	N/A	Stand of red maple and balsam fir. Quaking aspen pole timber scattered throughout. A few older rotten aspen found. Wet areas are dominated by balsam fir , cedar and dead ash.																																									
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159	4130 - Aspen	Sapling Medium	21.2	4	Immature	N/A	Cut in the winter of 2021. Stand includes a retention island from previous harvest.																																									
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments			
160	629 - Mixed non-forested Wetland	Unspecifed	18.4			No	South Branch of the AuSable River runs through this stand. Mostly grasses with tag alder			
161	4133 - Aspen, Mixed Pine	Poletimber Well	57.0	60	81-110	N/A	Mixed aspen pole timber stand with scattered sawtimber oak and pine mixed in. Narrow swale on SW end of stand that drains into the South Branch. Small opening with ORV damage and old borrow pit planted with jack pine. Stand is healthy and in good shape.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Red Pine		4		13		Black/Red (Hybrid) Oak		Low	10 - 20 feet	10 - 20 feet
Red Maple		5		8		White Pine		Medium	Variable	Variable
Bigtooth Aspen		38		8	60	Red Maple		Low	10 - 20 feet	10 - 20 feet
Quaking Aspen		15	Seedling	8		Balsam Fir		Low	Variable	Variable
White Oak		1		15						
Black/Red (Hybrid) Oak		20		12						
White Pine		15		11						
Jack Pine		2	Seedling	8						
163	3303 - Mixed Low Density Trees	Unspecified	3.4			Yes				