



Compartment Review Presentation

Roscommon Forest Management Unit

Compartment 71055

Entry Year 2024

Acreage: 2,811

County Roscommon

Management Area: Ogemaw Hills

Stand Examiner: Jason Lewicki

Legal Description:

T22N, R01W Sections 3, 10, 15, 22 and 27.

Identified Planning Goals:

Vegetation management in the Ogemaw Hills management area (MA) (Figure 4.28.1) will provide timber products; maintain or enhance wildlife habitat; protect areas of unique threatened, endangered and special concern species; and provide for forest-based recreational uses. Timber management for this 10-year planning period will focus on harvesting older jack pine, balancing the age-class distributions of oak and aspen and regenerating red pine. Wildlife habitat management objectives include perpetuating early-successional communities for species adapted to young forests for hunting and other wildlife-related recreation opportunity. Expected trends within this 10-year planning period are the need to regenerate oak and red pine, continue to balance aspen age-class distributions, an expected increase in recreation pressure and continued wildfire prevention and suppression.

Soil and topography:

Soils on the uplands generally consist of Roselawn and Grayling sands. There is a low amount of wetlands within this compartment which are dominated by Lupton Muck.

The topography within this compartment is generally made up of rolling hills.

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

There is multiple private property scattered within the compartment and the surrounding township. The town of St. Helen lies just to the north of the compartment.

Unique Natural Features:

There is a possibility for Hills Thistle within the norther portion of the compartment.

Archeological, Historical, and Cultural Features:

None known.

Special Management Designations or Considerations:

None

Watershed and Fisheries Considerations:

None

Wildlife Habitat Considerations:

This compartment is south of St. Helen and bisected by Emery Road. Stand types include aspen, oak, and mixed deciduous. The compartment is important to deer, turkey, grouse and woodcock. This compartment sees heavy pressure for hunting with easy access from Emery Road as a popular public access route. Management considerations include treatments that will promote hard and soft mast production for wildlife, including retention of large crown mast producing trees when possible. Early successional species such as aspen should be managed to ensure young stands are always available for grouse and woodcock. To promote benefit small mammals, brush piles will be constructed in association with timber harvests whenever possible. Currently there is one managed wildlife opening within the compartment which is a former hydraulic fracture deep well site. This site may be better suited to a pine plantation or used as a pinecone orchard.

Mineral Resource and Development Concerns and/or Restrictions

Sections 3, 10, 15, 22, & 27, T22N-R1W, Roscommon County

No known potential exists for metallic minerals in this part of the state. The nearest active sand/gravel pit is two miles to the southwest. Commercial aggregate and borrow pits are common in this region, and there is generally good potential for sand & gravel within the outwash and ice-contact glacial deposits of the area. There appears to be some good potential for sand & gravel on the uplands within the compartment, but there may also be significant amounts of clay in places. The nearest oil & gas production, past or present, is several miles away, and there has been no recent well drilling or

permitting activity in the area. In 2012-13, Devon Energy completed two test wells in the Collingwood Formation in sections 27 and 34. The State Richfield 1-27 test well in Sec 27 had shows of oil & gas in multiple Devonian formations in addition to the Collingwood Formation but was considered a dry hole. A lateral well in Sec 34 had some natural gas in the Collingwood, but the well also produced significant amounts of water and was ultimately plugged and abandoned in 2013. There are currently active state oil & gas leases less than two miles northeast of the compartment, and there may be some potential for additional hydrocarbon discoveries beneath the compartment. There is little well control in this area and without access to proprietary seismic data, potential is uncertain.

Vehicle Access:

Vehicle access is very good throughout the compartment due to its proximities to M-55 and F-97. Multiple county roads and forest roads traverse the uplands increasing its accessibility.

Survey Needs:

None known

Recreational Facilities and Opportunities:

The MUCC, ORV and snowmobile trail all run through this compartment. This is also a popular area for hunting.

Fire Protection:

Fuels in the compartment are of lesser volatility under normal seasons. Access for the majority of the stands is good for fire suppression. There are lots of natural and man-made barriers to slow fire spread. There is hilly terrain that may be difficult to operate some equipment. Recreation is popular in this compartment and that may contribute to a fire start in many seasons.

Additional Compartment Information:

The following reports from the Inventory are attached:

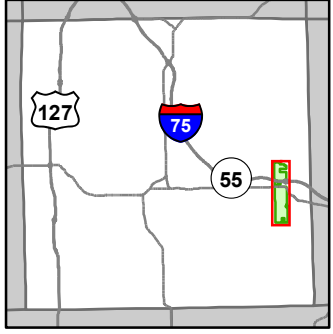
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

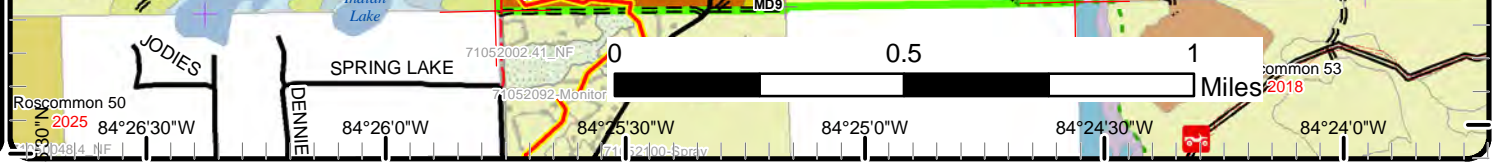
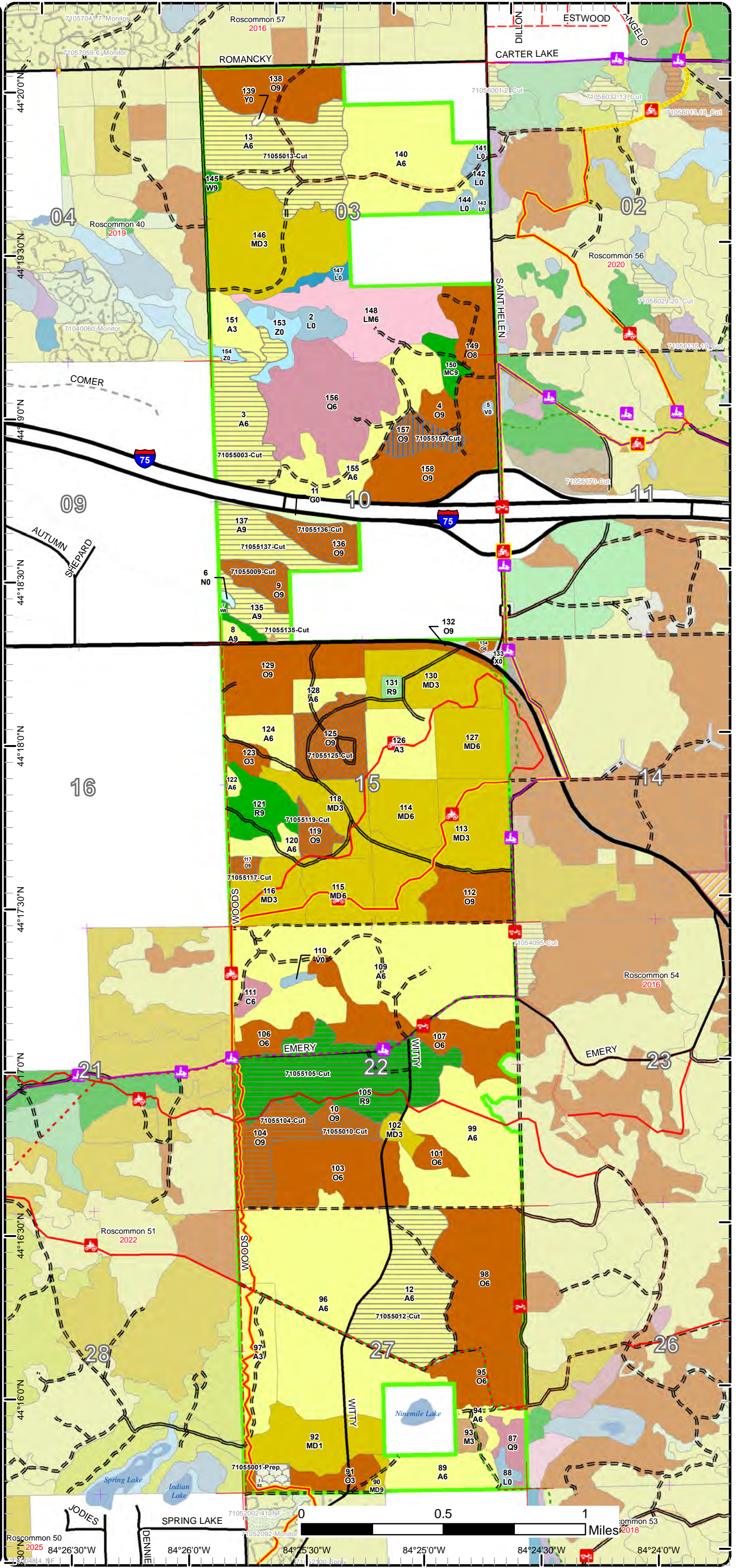
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 55
 T22N, R01W, Sec. 3, 10, 15, 22, 27
 County: Roscommon
 Unit: Roscommon
 Mgmt Area: Ogemaw Hills
 YOE: 2024
 Acres: 2811.1 GIS Calculated
 Examiner: Jason Lewicki
 Map Revised: 12/28/2022
 Map Phase: Post-Review

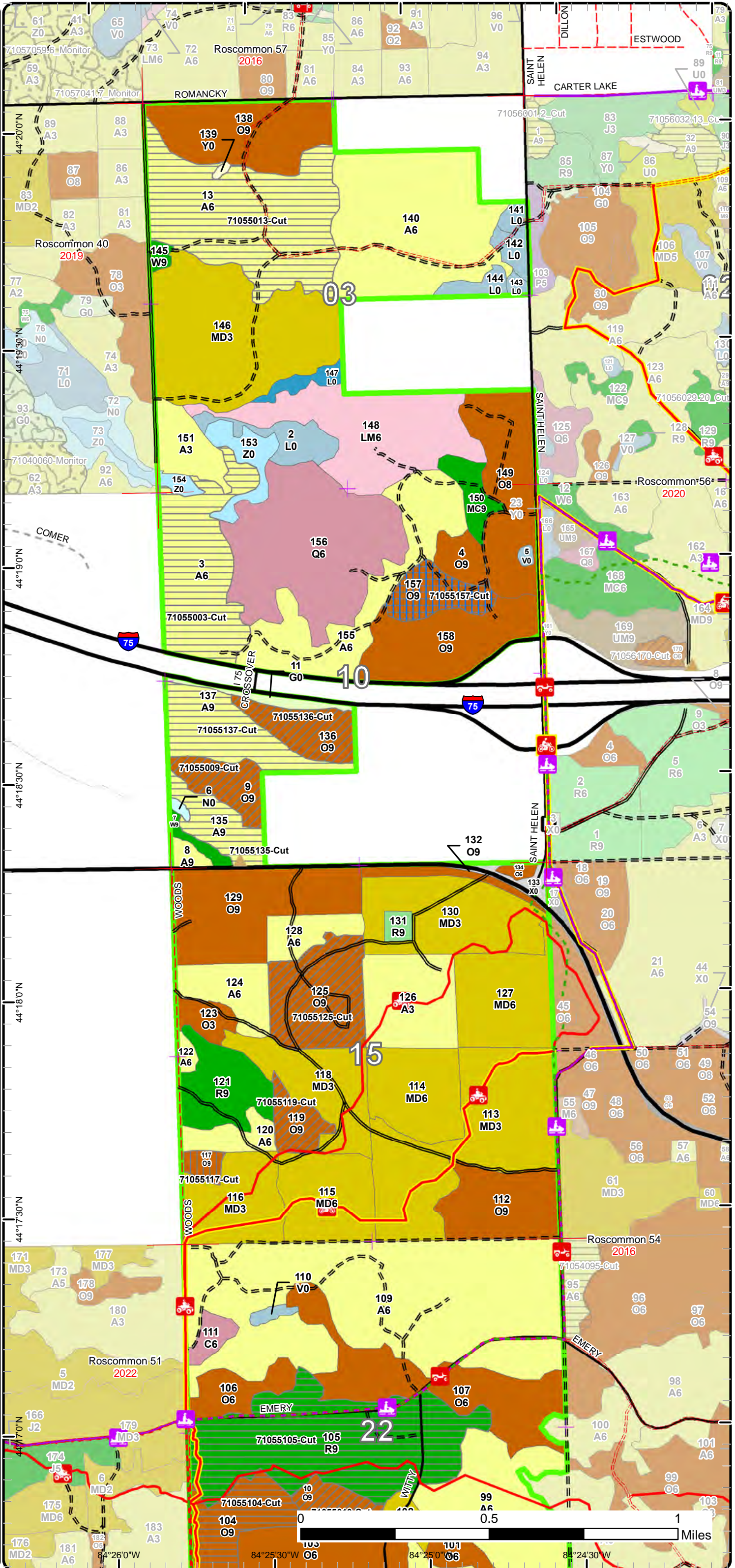
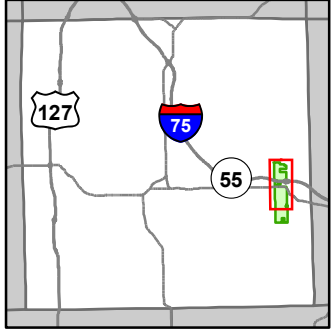


- Miris Corners
- Remonumented Section Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State Highway
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
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- ORV Routes
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- Intermittent Stream
- Lake/Pond
- Lakes and Rivers
- Berms
- Parking Lot
- Compartment Boundary
- Clearcut (w/Reserves)
- Seed Tree (w/Reserves)
- Thinning (Crown, Low, Systematic)
- Shelter Wood (w/Reserves)
- Site Prep
- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 110 - Low Intensity Urban
- 310 - Herbaceous Openland
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- 629 - Mixed Non-forested Wetland
- 710 - Sand/Soil
- 790 - Other Bare/Sparsely Vegetated

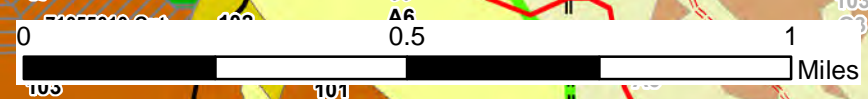


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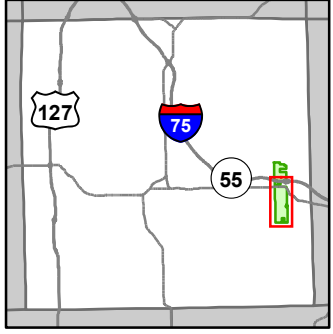


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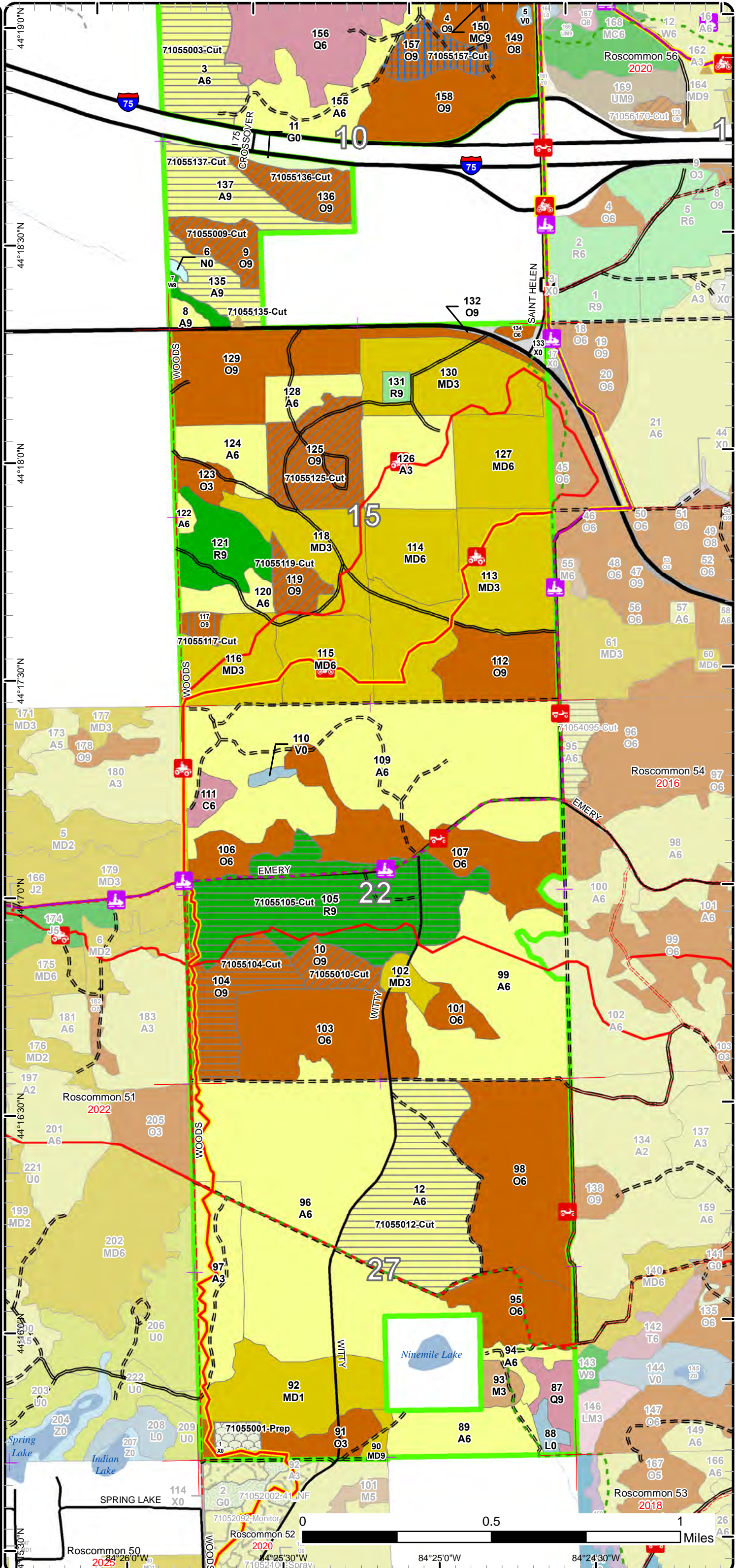


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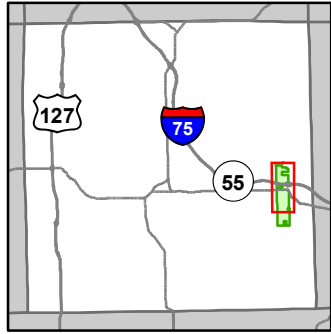


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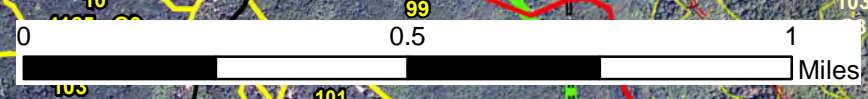
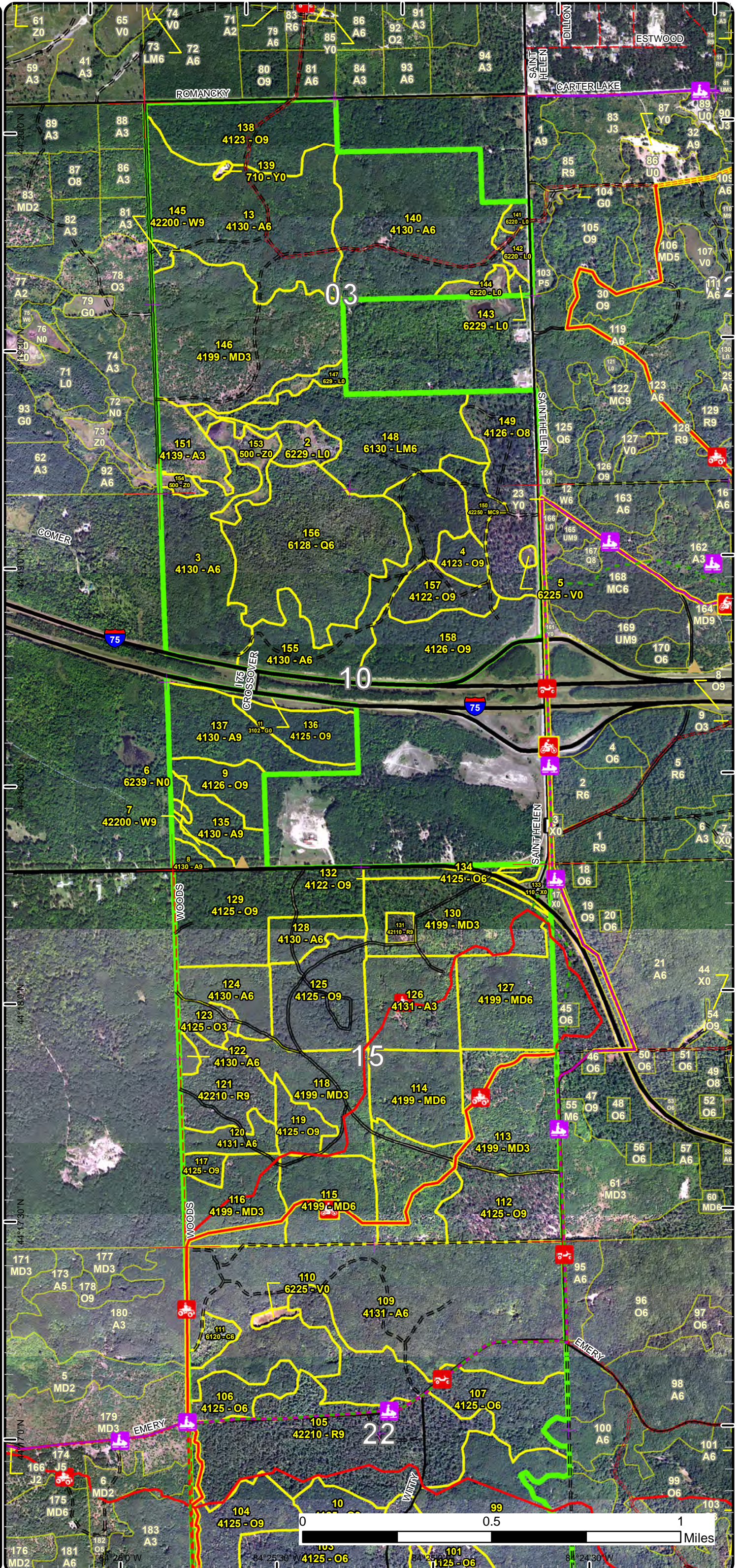


Stand Boundary Map

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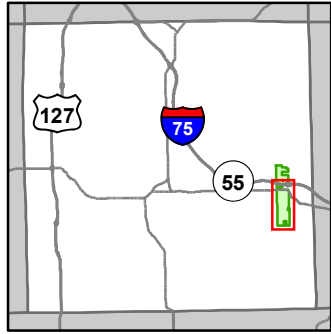


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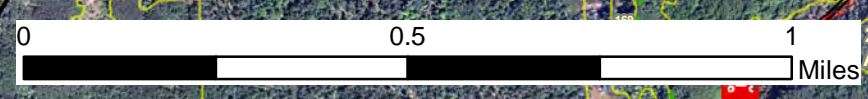
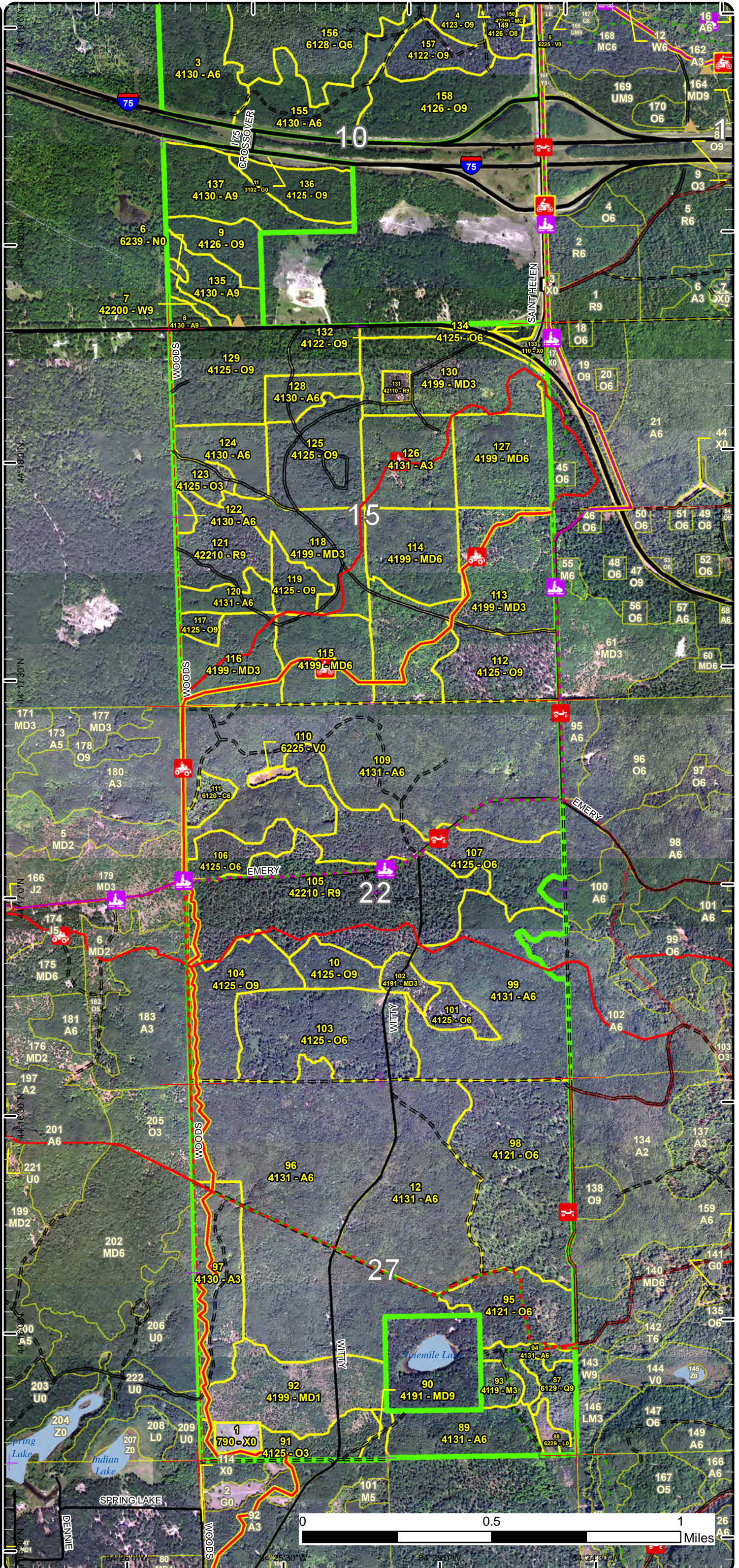


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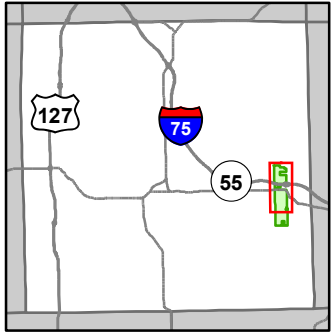
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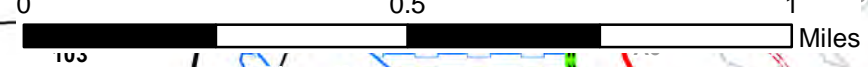
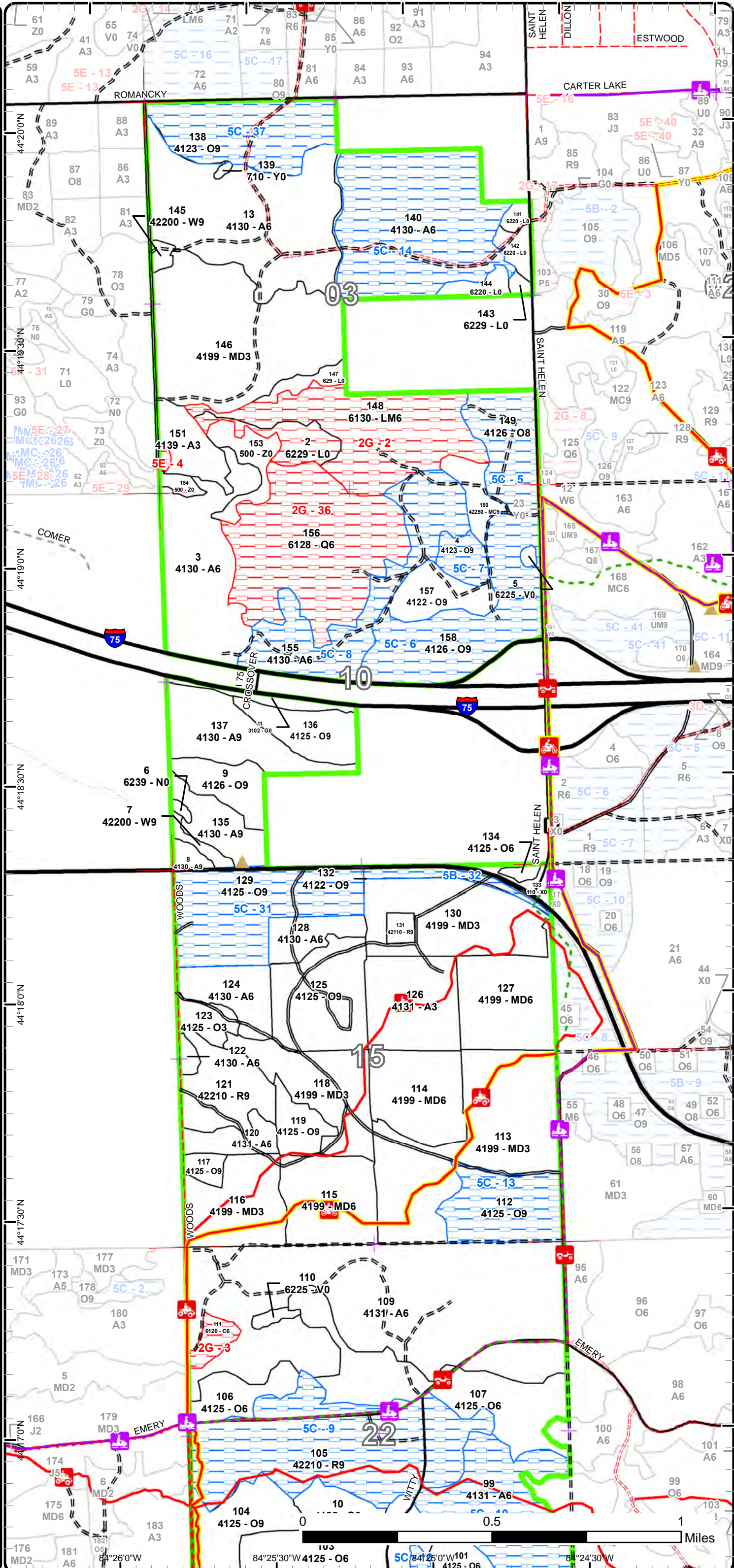
84°26'00" W
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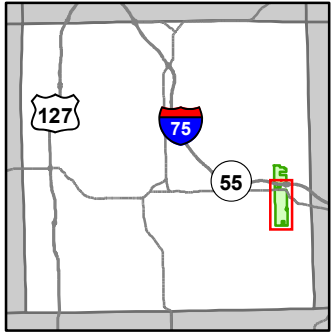
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- Available w/ Constraints
- 5B: Maintain for regeneration purposes
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- Unavailable
- 2G: Too wet (sensitive soils, does not include access issues)
- 5E: Long-Term Retention
- Stand Boundaries



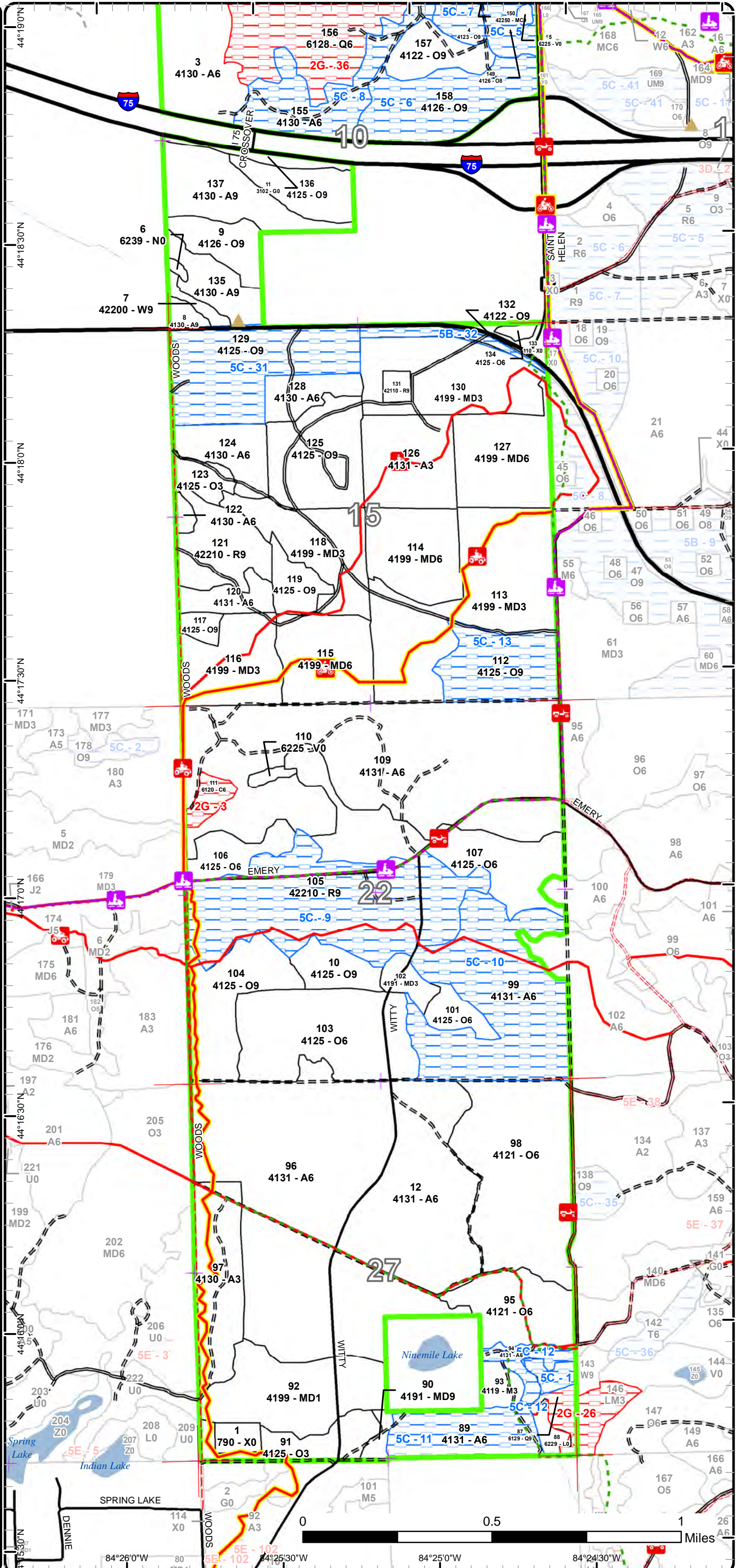
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Report 1 – Total Acres by Cover Type and Age Class



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	0	18	115	15	496	499	0	0	0	0	0	0	0	0	0	0	0	1143
Bare/Sparsely Vegetated	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Bog	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Cedar	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	7
Herbaceous Openland	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Lowland Conifers	0	0	0	0	0	0	0	96	0	0	0	0	0	12	0	0	0	0	108
Lowland Mixed Forest	0	0	0	0	0	0	68	0	0	0	0	0	0	0	0	0	0	0	68
Lowland Shrub	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41
Marsh	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Mixed Upland Deciduous	0	0	195	180	115	0	0	0	0	0	0	4	0	0	0	0	0	0	493
Natural Mixed Pines	0	0	0	0	0	0	0	0	11	0	0	0	0	0	0	0	0	0	10
Northern Hardwood	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Oak	0	0	0	31	0	93	183	0	0	0	44	242	97	0	50	0	0	0	739
Red Pine	0	0	0	0	0	0	4	0	29	111	0	0	0	0	0	0	0	0	144
Sand, Soil	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Urban	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Water	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
White Pine	0	0	0	0	0	0	0	4	3	0	0	0	0	0	0	0	0	0	7
Total	82	0	220	326	130	589	754	100	43	111	44	246	97	12	57	0	0	0	2808



Report 2 – Treatment Summary

Roscommon Mgt. Unit
Year of Entry: 2024

Acres of Harvest

Compartment 55
Total Compartment Acres: 2,811

Commercial Harvest - 467
Harvests with Site Condition - 111
Next Step Harvest - 0
Habitat Cut - 0

Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overstory Removal	Salvage	Other	Total Acres
Aspen	297	0	0	0	0	0	0	0	0	297
Oak	40	0	0	18	5	108	0	0	0	170
Red Pine	111	0	0	0	0	0	0	0	0	111
Total	447	0	0	18	5	108	0	0	0	578

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	578	6	0	0	0	0	0	0	0	584
Next Step	0	6	6	0	0	0	483	0	0	495
Total	578	12	6	0	0	0	483	0	0	1079



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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Approved Treatments:

1	71055001- Prep	6.2	790 - Other Bare/Sparsely Vegetated	Nonstocked	0	Unspec ified	SitePrep	Trenching	4211 - Planted Red Pine	Even-Aged	No
<p><u>Prescription</u> Trench and plant red pine. Use for seed/cone production. Plant at silviculturist spacing recommendations. <u>Specs:</u> <u>Next Step</u> SitePrep, Trenching; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr) <u>Treatments:</u> <u>Acceptable</u> Planted red pine at fully stocked levels. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/1 /2023</p>											
3	71055003-Cut	59.9	4130 - Aspen	Poletimber Well	51	81-110	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Clearcut stand with a 2" spec. Apply drumming log spec and place scattered brush piles along 5he eastern swamp edge. Apply retention as an island and a strip along its northern swamp/marsh border. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Aspen at fully stocked levels. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/1 /2023</p>											
9	71055009-Cut	17.6	4126 - White, Black, N. Pin Oak	Sawtimber Well	110	81-110	Harvest	Crown Thinning	412 - Oak Types	Even-Aged	No
<p><u>Prescription</u> Thin stand down to an average of 50-70 BA. Remove poor formed and suppressed oak first. Focus growth on dominant oak and maple. Favor white oak where possible. Remove aspen component. Use oak wilt 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> 10/1 /2023</p>											



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
10	71055010-Cut	14.2	4125 - Black, N. Pin Oak	Sawtimber Well	107	81-110	Harvest	Crown Thinning	412 - Oak Types	Even-Aged	No
<p><u>Prescription</u> Thin stand from below to an average BA of 70. Remove poor formed and suppressed oak. Focus growth on large crowned, dominate and healthy oak. Protect maple understory when possible.</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u></p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>											
12	71055012-Cut	86.7	4131 - Aspen, Oak	Poletimber Well	45	81-110	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Clearcut stand with a 2" spec. Leave retention in islands where heavier oak is mixed in. Apply drumming log spec. Do not cut any oak within stand. Use oak wilt specs. ORV trail runs through the stand. Protect with the appropriate specs.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Aspen at fully stocked levels.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>											
13	71055013-Cut	95.9	4130 - Aspen	Poletimber Well	51	81-110	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Clearcut stand to meet MA objectives. Harvest to a 2" spec. Leave islands of retention preferably that contain some oak or pine. Use drumming log and brush pile specs.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Aspen at fully stocked levels.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>											
104	71055104-Cut	39.6	4125 - Black, N. Pin Oak	Sawtimber Well	107	81-110	Harvest	Clearcut with Retention	4139 - Aspen, Mixed Deciduous	Even-Aged	No
<p><u>Prescription</u> Clearcut stand with a 2" spec and manage for aspen and oak regeneration. Leave all white oak over 12" . Mark 1-3 good formed white pine per acre to leave as seed source and vertical structure. Leave retention in the form of an island that is heavier to oak. Preferably in the SE part of the stand.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Aspen, oak and mixed hardwoods at fully stocked levels.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>											



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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105 71055105-Cut	111.1	42210 - Natural Red Pine	Sawtimber Well	85	111-140	Harvest	Clearcut with Retention	4129 - Mixed Oak	Even-Aged	No
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Prescription Clearcut stand with a 4" spec protecting oak regeneration. Apply oak wilt spec. Leave islands of red pine for retention. ORV and snowmobile trail run through the stand. Protect with appropriate specs.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Oak and mixed hardwoods at fully stocked levels.

Regen:

Other

Comment:

Site Condition: Age-Class or Site Quality

Proposed Start Date: 10/1 /2023

117 71055117-Cut	5.0	4125 - Black, N. Pin Oak	Sawtimber Well	105	51-80	Harvest	Shelterwood	412 - Oak Types	Two-Aged	No
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Prescription Shelterwood stand. Aim for around 50 BA residual. Remove poor formed and suppressed oak. Focus growth on dominant large crowned oak. Open up the sub canopy for primarily maple and white pine with oak regeneration. Protect subcanopy. Use oak wilt specs.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Oak, maple and mixed pine at fully stocked levels.

Regen:

Other

Comment:

Site Condition:

Proposed Start Date: 10/1 /2023

119 71055119-Cut	12.2	4125 - Black, N. Pin Oak	Sawtimber Well	105	111-140	Harvest	Crown Thinning	412 - Oak Types	Even-Aged	No
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Prescription Thin stand from below by removing poor formed and suppressed oak. Do not spec cut the maple and aspen out. Leave some aspen for future soft snags. Target a residual BA of 70. Leave it a little thinnner on the west edge and allow white pine and maple to recruit. Use oak wilt specs.

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Site Condition:

Proposed Start Date: 10/1 /2023

125 71055125-Cut	42.6	4125 - Black, N. Pin Oak	Sawtimber Well	100	81-110	Harvest	Crown Thinning	412 - Oak Types	Even-Aged	No
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Prescription Thin stand from below by removing poor formed and suppressed trees. Target a residual BA of around 70. Focus growth of good quality oak stems.

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Site Condition:

Proposed Start Date: 10/1 /2023



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
135	71055135-Cut	18.8	4130 - Aspen	Sawtimber Well	57	81-110	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Clearcut stand with a 2" spec and manage for aspen regeneration. Leave 1-3 scattered oak per acre where applicable for mast and vertical structure. Apply drumming log spec for increased grouse habitat. Apply retention in SE part of stand along the highway in heavier oak areas. Also Apply some retention on sw side along wet areas.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Aspen and mixed hardwoods at fully stocked levels.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>											
136	71055136-Cut	20.9	4125 - Black, N. Pin Oak	Sawtimber Well	110	81-110	Harvest	Crown Thinning	412 - Oak Types	Even-Aged	No
<p><u>Prescription</u> Thin stand to around 50-70 BA residual. Remove poor formed and suppressed oak and maple. Focus growth on good quality oak stems. Favor releasing white oak when possible. Leave on the heavier side of the prescription within the good quality oak and leave less on lower quality sites that could get some stump sprouting. Opening up the canopy should allow for some white pine recruitment into the canopy over time.</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u></p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>											
137	71055137-Cut	35.3	4130 - Aspen	Sawtimber Well	56	81-110	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Clearcut stand with a 2" spec. Possibly leave a few large crowned oaks per acre. Apply retention around wetter areas. Use drumming log spec to increase ruffled grouse habitat.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Aspen and mixed hardwoods at fully stocked levels.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>											
157	71055157-Cut	18.1	4122 - Oak, Pine	Sawtimber Well	100	51-80	Harvest	Seed Tree	4319 - Mixed Upland Forest	Even-Aged	No
<p><u>Prescription</u> Seed tree harvest stand by removing all black oak and aspen. Mark 10-30 BA of dominant crowned white oak and pine for seed source. Protect advanced regeneration with a 4" spec. Open up the canopy to allow pine and oak to recruit into the canopy.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> White pine, oak and some mixed hardwoods at fully stocked levels.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>											



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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Total Treatment
Acreage Proposed: 584.1

Report 4 – Site Conditions

Roscommon Mgt. Unit
Jason Lewicki : Examiner

Compartment: 55
Year of Entry: 2024

Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	5B	5C	2G	5E
		With Condition	Not Available					
1143	848	295	1	Aspen		295	0	1
6	6	0	0	Bare/Sparsely Vegetated				
4	4	0	0	Bog				
7	0	0	7	Cedar			7	
7	7	0	0	Herbaceous Openland				
108	0	5	103	Lowland Conifers		5	103	
68	0	0	68	Lowland Mixed Forest			68	
41	27	0	14	Lowland Shrub			14	
1	1	0	0	Marsh				
493	493	0	0	Mixed Upland Deciduous	0			
11	11	0	0	Natural Mixed Pines				
7	7	0	0	Northern Hardwood				
740	479	260	0	Oak	7	253		
144	33	111	0	Red Pine		111		
1	1	0	0	Sand, Soil		0		
7	7	0	0	Urban	0			
16	16	0	0	Water				
7	7	0	0	White Pine		0		
2,811	1,947	672	193	Total Forested Acres	8	664	191	1
	69%	24%	7%	Relative Percent				

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

Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Roscommon Mgt. Unit
Jason Lewicki : Examiner

Compartment: 55
Year of Entry: 2024

2	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	82	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
3	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
4	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	50	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	47	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Roscommon Mgt. Unit
Jason Lewicki : Examiner

Compartment: 55
Year of Entry: 2024

8	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	59	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
9	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	111	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
10	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	96	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
11	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	32	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
12	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Roscommon Mgt. Unit
Jason Lewicki : Examiner

Compartment: 55
Year of Entry: 2024

13	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	36	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
14	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	98	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
26	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	19	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
31	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	62	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
32	Available	5B: Maintain for regeneration purposes	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
36	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	96	Unspecified	Unspecified	Unspecified	Unspecified
Comments: evaluated for SBW. muck soils, too wet							

Report 4 – Site Conditions

Roscommon Mgt. Unit
Jason Lewicki : Examiner

Compartment: 55
Year of Entry: 2024

37	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	49	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

Mgt. Unit

Compartment:

Year of Entry



Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS

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

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

Conservation Area	Type	Description
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																							
1	790 - Other Bare/Sparsely Vegetated	Nonstocked	6.2	0	Unspecified	No	Oil well site plugged in 2014. FRD released Decon Energy bon 02/04/2021; no liable party for site - R Merrick																																							
2	6229 - Mixed lowland shrub	Nonstocked	13.4	0		No	Lowland shrub with scattered pockets of trees. Currently flooded by beavers.																																							
3	4130 - Aspen	Poletimber Well	59.9	51	81-110	N/A	Primarily a quaking aspen stand. Some scattered pine and oak. Aspen is starting to show signs of decline and heart rot(conks). Stand slowly slopes downward to the north.																																							
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4	4123 - Red Oak	Sawtimber Well	9.6	110	81-110	N/A																																								
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5	6225 - Bog	Nonstocked	1.2	0		No																																								
6	6239 - Mixed Emergent Wetland	Nonstocked	1.2	0	Unspecified	No																																								
7	42200 - Natural White Pine	Sawtimber Well	4.1	65	81-110	N/A	Primarily a white pine stand with some maple and red pine. Drainage runs through the middle of stand.																																							
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Bigtooth Aspen	78	Log/Pole	10	57																																										
White Oak	5	Log/Pole	12																																											
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																															
9	4126 - White, Black, N. Pin Oak	Sawtimber Well	17.6	110	81-110	N/A	Mixed oak stand with some decent quality. Stand is higher and drier to the east and contains more white oak there. The western half contains better red/black oak with some maple and aspen mixed in. This stand could benefit from a thinning.																																															
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10	4125 - Black, N. Pin Oak	Sawtimber Well	14.2	107	81-110	N/A	Medium quality oak stand with very little aspen present. Advanced maple sub canopy.																																															
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11	3102 - Grass	Nonstocked	7.0	0	Unspecified	No																																																
12	4131 - Aspen, Oak	Poletimber Well	86.7	45	81-110	N/A	Hilly aspen and oak stand. The timber quality is better to the north and on the ridges and poorer in the valleys.																																															
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13	4130 - Aspen	Poletimber Well	95.9	51	81-110	N/A	Large aspen and oak stand with red maple and a second older age class of red oak and trace white oak. The aspen quality seems to be slightly better in the west part of the stand. Small pockets of pine in scattered throughout the stand. Some scattered pockets of quaking.																																															
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87	6129 - Mixed Coniferous Lowland Forest	Sawtimber Well	12.4	122	111-140	N/A	Lowland conifer with white pine, cedar and balsam fir. Some very large super canopy white pine. Balsam fir is sapling and pole size, occurring mostly in the central part of the stand.																																															
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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88 6229 - Mixed lowland shrub Nonstocked 4.6 Unspecified No Old beaver flooding with alder around the edges.

89 4131 - Aspen, Oak Poletimber Well 31.9 52 51-80 N/A

Stand was regenerated in the 1970's. Mostly aspen both bigtooth and quaking. There is some variability with the diameters and ages of the aspen. The east part of the stand drops off, the slope is relatively steep and there are some mature oaks.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	25	Pole	6		Red Maple	Medium	5 - 10 feet	Sapling
Bigtooth Aspen	40	Pole	7	52	White Oak	Low	5 - 10 feet	Sapling
Black/Red (Hybrid) Oak	20	Pole	6		Black/Red (Hybrid) Oak	Low	5 - 10 feet	Sapling
Red Maple	8	Pole	5		Black Cherry	Medium	< 5 feet	Sapling
White Oak	7	Pole	5		Witch Hazel	Low	5 - 10 feet	Tall Shrub
					Hawthorn (spp.)	Medium	5 - 10 feet	Tall Shrub

90 4191 - Mixed Upland Deciduous with Conifer Sawtimber Well 4.0 107 81-110 N/A Small stand of mature oak and pine.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Oak	15	Log/Pole	12		Black Cherry	Low	< 5 feet	Sapling
Bigtooth Aspen	10	Log	15		White Oak	Low	5 - 10 feet	Sapling
Black/Red (Hybrid) Oak	40	Log	14	107	Red Maple	Low	5 - 10 feet	Sapling
White Pine	30	Log/Pole	12	86				
Red Pine	5	Log	12					

91 4125 - Black, N. Pin Oak Sapling Well 21.5 26 Immature N/A Stand was regenerated in 1996.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	20	Sapling	2		Black Cherry	Low	< 5 feet	Sapling
Black/Red (Hybrid) Oak	53	Sapling	2	26				
White Pine	3	Sapling	2					
Jack Pine	2	Sapling	2					
Black Cherry	12	Sapling	2					
White Oak	10	Sapling	2					

92 4199 - Other Mixed Upland Deciduous Sapling Poor 51.9 16 Immature N/A Stand harvested in 2006. Planted to red pine in 2008 or 2009. Stand is mostly oak and cherry regeneration with some scattered aspen pockets. Areas of pine making it into the canopy.

Canopy Species	% Cover	Size Class	DBH	Age
Red Pine	8	Sapling	1	
White Oak	2	Sapling	1	
Black Cherry	30	Sapling	1	
Black/Red (Hybrid) Oak	50	Sapling	1	16
Quaking Aspen	10	Sapling	1	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																															
93	4119 - Mixed Northern Hardwoods	Sapling Well	7.4	16	Immature	N/A	Stand regenerated in 2006. Covertypes is mostly cherry. Oak and maple regeneration are both stump sprouts and single stem.																																																															
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94	4131 - Aspen, Oak	Poletimber Well	9.9	49	Unspecified	N/A	Stand was regenerated in 1973. Mostly aspen with oak, cherry and white pine.																																																															
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95	4121 - Oak, Aspen	Poletimber Well	33.6	49	51-80	N/A	Low quality oak stand with some pockets of aspen.																																																															
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96	4131 - Aspen, Oak	Poletimber Well	200.9	45	81-110	N/A	Hilly aspen and oak stand. The timber quality is better to the north and on the ridges and poorer in the valleys.																																																															
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97	4130 - Aspen	Sapling Well	41.2	26	Immature	N/A	Stand was regenerated in 1996. Scattered super canopy red pine and white pine. Lower quality on east side with some more oak.																																																															
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																															
98	4121 - Oak, Aspen	Poletimber Well	90.2	51	1-50	N/A	Stand was harvested in late winter of 2011 as part of a series of aspen cuts that were intended to balance the aspen age class distribution the timber sale was called Paul's Aspen. All of the aspen and red maple were designated for harvest. Stand is now poletimber oak with a solid A3 under and surrounding it.																																															
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99	4131 - Aspen, Oak	Poletimber Well	95.6	51	111-140	N/A	Aspen and oak stand on rolling terrain. Some pockets of almost solid oak present.																																															
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101	4125 - Black, N. Pin Oak	Poletimber Well	9.6	51	1-50	N/A	Small stand of stump sprout oak.																																															
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102	4191 - Mixed Upland Deciduous with Conifer	Sapling Well	7.9	28	Immature	N/A	Stand was clearcut in 1994.																																															
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103	4125 - Black, N. Pin Oak	Poletimber Well	67.4	51	1-50	N/A	Stand was harvested in late winter of 2011. All of the aspen and red maple were designated for harvest. Areas where there is little oak and aspen and maple saplings are the canopy .																																															
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104	4125 - Black, N. Pin Oak	Sawtimber Well	39.6	107	81-110	N/A	Mixed oak and aspen stand. Some white pine mixed in especially on south and east side. White pine has excellent form. Better oak quality to the north west.																																																	
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105	42210 - Natural Red Pine	Sawtimber Well	111.1	85	111-140	N/A	Red pine stand was harvested in 1994 by removing all jack pine and merchantable oak. There is a heavy oak understory that is well developed.																																																	
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106	4125 - Black, N. Pin Oak	Poletimber Well	15.8	50	51-80	N/A	Low quality oak and cherry stand.																																																	
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107	4125 - Black, N. Pin Oak	Poletimber Well	59.6	49	51-80	N/A	Oak stand of mostly stump sprouts that was regenerated in the early 1970's. Lower quality to the south. Some nicer oak to the north on the hills.																																																	
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109	4131 - Aspen, Oak	Poletimber Well	198.6	44	51-80	N/A	Large aspen, oak stand. Stand was regenerated in 1977. Topography is rolling hills.																																																	
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110	6225 - Bog	Nonstocked	2.4		Unspecified	No	Grass with open water and willow.																																																	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																											
111	6120 - Lowland Cedar	Poletimber Well	6.9	130	81-110	N/A	Lowland cedar and conifer swamp. A few small patches of blowdown, there is more balsam fir to the sw where the stand is a little higher.																																											
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112	4125 - Black, N. Pin Oak	Sawtimber Well	36.0	96	51-80	N/A	Stand treated in the fall 2015 under sale # 71-032-14-01. BA sits around 80 on average. Health oak stand that was just recently thinned. Areas of red pine regeneration present. Otherwise the subcanopy consists of red maple.																																											
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113	4199 - Other Mixed Upland Deciduous	Sapling Well	88.6	17	Immature	N/A	Stand was regenerated in 2005. Mixed upland oak, maple, and aspen with some scattered white oak sawtimber. Northern half contains higher amounts of maple. More oak to the south. Some scattered pine regeneration found mostly in the south.																																											
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114	4199 - Other Mixed Upland Deciduous	Poletimber Well	36.2	35	1-50	N/A	Mixed aspen, oak, maple stand that was regenerated 25 years ago.																																											
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115	4199 - Other Mixed Upland Deciduous	Poletimber Well	37.0	35	51-80	N/A	Stand was regenerated in 1987, mixed oak, maple, and aspen. Oak quality is good. Hold stand to allow oak to develop into sawtimber.																																											
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116	4199 - Other Mixed Upland Deciduous	Sapling Well	36.0	27	1-50	N/A	Stand was regenerated in 1995, the maple and oak are mostly from stump sprouts. Poletimber developing. Allow to develop sawtimber before harvesting.																																						
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117	4125 - Black, N. Pin Oak	Sawtimber Well	5.0	105	51-80	N/A	Small oak stand with maple and white pine in the sub canopy.																																						
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120	4131 - Aspen, Oak	Poletimber Well	12.0	37	1-50	N/A	Aspen with oak that was regenerated in 1987 and is just entering pole size. There is super canopy red pine scattered mostly in the south of the stand.																																						
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121	42210 - Natural Red Pine	Sawtimber Well	29.2	76	51-80	N/A	Mixed red and white pine stand with variable density especially on the east end. Most white pine is found on the western 1/3 of stand. It appears that the oak and aspen were removed about 30 years ago and the regen from that are now small pole size and entering the canopy.																																						
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
122	4130 - Aspen	Poletimber Well	2.9	35	51-80	N/A	Regenerated in 1987 at the same time as the adjacent stands.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Bigtooth Aspen		88	Pole	7	35	Red Maple	
Black/Red (Hybrid) Oak		2	Pole/Sapling	5		High	
Red Maple		10	Pole/Sapling	5		10 - 20 feet	
						Sapling	
123	4125 - Black, N. Pin Oak	Sapling Well	9.0	28	Immature	N/A	Stand was regenerated in 1994.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Red Pine		2	Pole	6		Red Maple	
Red Maple		10	Sapling/Pole	3		Low	
Black Cherry		10	Sapling	3		Medium	
Bigtooth Aspen		13	Sapling	3		5 - 10 feet	
Black/Red (Hybrid) Oak		65	Sapling	4	28	Sapling	
124	4130 - Aspen	Poletimber Well	21.0	28	1-50	N/A	Stand was regenerated in 1994. Poletimber developing.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Red Maple		10	Sapling/Pole	4		Red Maple	
Quaking Aspen		80	Pole/Sapling	5	28	Medium	
Black/Red (Hybrid) Oak		10	Sapling/Pole	4		10 - 20 feet	
						Sapling	
125	4125 - Black, N. Pin Oak	Sawtimber Well	42.6	100	81-110	N/A	Red/black oak stand on medium quality site. Red maple in understory, not evenly distributed. Stand may have had aspen removed in the past as there are a few pockets of small poletimber scattered around. Average BA is around 110.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
White Oak		10	Log/Pole	12		White Pine	
Black/Red (Hybrid) Oak		85	Log/Pole	13	100	Low	
Red Maple		5	Pole	6		Medium	
						5 - 10 feet	
						Sapling	
						Witch Hazel	
						Low	
						5 - 10 feet	
						Tall Shrub	
126	4131 - Aspen, Oak	Sapling Well	38.7	28	1-50	N/A	Aspen oak stand that was regenerated in 1994, oak and maple mostly stump sprouts. Pocket of red pine in southeast part of the stand.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Red Pine		3	Log/Pole	12		Red Maple	
Red Maple		10	Sapling	3		Medium	
White Oak		5	Sapling	4		Variable	
Black/Red (Hybrid) Oak		34	Sapling	4		Sapling	
Bigtooth Aspen		43	Sapling	3	28		
Black Cherry		5	Sapling	2			
127	4199 - Other Mixed Upland Deciduous	Poletimber Well	41.5	35	1-50	N/A	Stand was regenerated in 1987 dominant canopy species are oak, maple and aspen. Stand is just entering poletimber size.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
White Pine		2	Log	10		Red Maple	
Red Maple		28	Sapling/Pole	4		Low	
Bigtooth Aspen		20	Pole/Sapling	5		Variable	
Black/Red (Hybrid) Oak		50	Pole/Sapling	5	35	Sapling	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
128	4130 - Aspen	Poletimber Well	14.4	27	1-50	N/A	aspen stand that was regenerated in 1995.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Bigtooth Aspen		25	Pole	6		Red Maple	
Red Maple		5	Sapling/Pole	4		Black Cherry	
Quaking Aspen		60	Pole/Sapling	5	27		
Black/Red (Hybrid) Oak		5	Sapling	3			
Black Cherry		5	Sapling/Pole	3			
129	4125 - Black, N. Pin Oak	Sawtimber Well	61.2	107	51-80	N/A	Two-aged oak, aspen and maple stand. Harvested in 1995 by removing maple and aspen. Aspen poletimber is developing and making it into the canopy. Hold for another 10 years to grow the aspen then clearcut. Aspen regeneration should take over as the cover type.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Black/Red (Hybrid) Oak		55	Log	15	107	White Pine	
Quaking Aspen		18	Pole/Sapling	5	27	Red Maple	
White Pine		2	Log	12			
Bigtooth Aspen		5	Pole	6			
Red Maple		10	Pole/Sapling	5			
Red Pine		5	Log	12			
White Oak		5	Log/Pole	12			
130	4199 - Other Mixed Upland Deciduous	Sapling Well	53.9	17	Immature	N/A	Stand was regenerated in 2005 everything was cut except the white oak. Stand now is a good mix of maple, oak, aspen and some pine with a white oak sawtimber supercanopy.
Canopy Species		% Cover	Size Class	DBH	Age		
Black Cherry		5	Sapling	1			
Red Maple		15	Sapling	2			
White Oak		3	Sapling	1			
White Oak		20	Log	12			
Bigtooth Aspen		20	Sapling	2			
White Pine		2	Sapling	3			
Red Pine		3	Sapling	1			
Black/Red (Hybrid) Oak		32	Sapling	2	17		
131	42110 - Planted Red Pine	Sawtimber Well	3.8	59	111-140	N/A	Stand third row thinned in fall 2015 under sale #71032-14-01.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Red Pine		100	Log/Pole	11	59	Black Cherry	
						Medium	
						5 - 10 feet	
						Sapling	
132	4122 - Oak, Pine	Sawtimber Well	7.7	94	81-110	N/A	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Jack Pine		2	Log/Pole	10		Black/Red (Hybrid) Oak	
Quaking Aspen		10	Log/Pole	10		Low	
White Oak		10	Log/Pole	10		< 5 feet	
White Pine		25	Pole/Log	8		Sapling	
Red Pine		3	Log	12			
Black/Red (Hybrid) Oak		50	Log	12	94		



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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133 110 - Low Intensity Urban Nonstocked 7.0 Unspecified No

134 4125 - Black, N. Pin Oak Poletimber Well 2.1 104 111-140 N/A

Small stand on the edge of F-97 and M-55 in the corner of the compartment.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	15	Log/Pole	12		Black/Red (Hybrid) Oak	Medium	Variable	Sapling
Red Pine	5	Log/Pole	11		White Pine	Low	Variable	Sapling
White Oak	15	Log	12					
Black/Red (Hybrid) Oak	65	Log/Pole	13	104				

135 4130 - Aspen Sawtimber Well 18.8 57 81-110 N/A

Mixed stand aspen dominated by quaking. Pine and oak are found scattered. Quaking aspen is in decline.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	2	Log/Pole	12		Red Maple	Medium	Variable	Sapling
Red Pine	4	Log	14	75				
Bigtooth Aspen	17	Log/Pole	10					
Red Maple	10	Pole/Log	8					
Black/Red (Hybrid) Oak	5	Log	14					
Quaking Aspen	62	Log/Pole	10	57				

136 4125 - Black, N. Pin Oak Sawtimber Well 20.9 110 81-110 N/A

A mixed oak stand on a series of small ridges. Quality varies throughout the stand but is generally good with some ridge tops growing some decent red oak. Some scattered red and white pine throughout. Stand was hit hard in previous years by gypsy moth.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Pine	3	Log	12	75	White Pine	Low	Variable	Sapling
Black/Red (Hybrid) Oak	58	Log/Pole	12	110	Red Maple	Low	5 - 10 feet	Sapling
Red Oak	10	Log	14	104				
Red Maple	10	Pole/Log	9					
White Oak	15	Log/Pole	12					
Bigtooth Aspen	2	Pole/Log	9	56				
White Pine	2	Log	14					

137 4130 - Aspen Sawtimber Well 35.3 56 81-110 N/A

Overmature aspen stand that has already begun to decline. A low wet swale within the stand drains to the NW.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	50	Log/Pole	10	56	Red Maple	High	10 - 20 feet	Sapling
Red Maple	15	Log/Pole	12		Witch Hazel	Medium	5 - 10 feet	Tall Shrub
Bigtooth Aspen	30	Log/Pole	11	56	Beech	Trace	< 5 feet	Sapling
Sugar Maple	2	Log	12					
Black/Red (Hybrid) Oak	3	Log	12					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																											
138	4123 - Red Oak	Sawtimber Well	49.2	116	81-110	N/A	Decent quality oak red/black oak stand in good shape. Stand had the maple and aspen cut out of it around 50 years or so ago. Red maple and aspen now make it into the canopy in many places. Average BA sits around 80 with some higher areas found especially on the eastern side. There is alot of single stem maple in the sapling to small pole size that would definitely get damaged if we treated the stand with some sort of thinning.																																											
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Red Maple	High	10 - 20 feet	Sapling																																															
139	710 - Sand, Soil	Nonstocked	0.8			No																																												
140	4130 - Aspen	Poletimber Well	99.1	51	81-110	N/A	Large aspen and oak stand with red maple and a second older age class of red oak and trace white oak. The aspen quality seems to be slightly better in the west part of the stand. Small pockets of pine in scattered throughout the stand. Some scattered pockets of quaking.																																											
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141	6220 - Alder/willow	Nonstocked	3.2		Unspecified	No																																												
142	6220 - Alder/willow	Nonstocked	6.2		Unspecified	No	Beaver flooding																																											
143	6229 - Mixed lowland shrub	Nonstocked	2.0		Unspecified	No																																												
144	6220 - Alder/willow	Nonstocked	6.0		Unspecified	No																																												
145	42200 - Natural White Pine	Sawtimber Well	2.7	70	81-110	N/A	Small stand of mixed pine that had the hardwoods removed about 30 years ago.																																											
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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146	4199 - Other Mixed Upland Deciduous	Sapling Well	97.8	28	Immature	N/A	Stand was regenerated in 1994. Cover type is now mixed upland deciduous with some jack pine.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	30	Sapling/Pole	3	28	Black/Red (Hybrid) Oak	Low	< 5 feet	Sapling
Bigtooth Aspen	5	Sapling/Pole	4		Black Cherry	Low	Variable	Sapling
Black Cherry	15	Sapling	3					
Jack Pine	15	Sapling/Pole	3					
Black/Red (Hybrid) Oak	35	Sapling	3	28				

147	629 - Mixed non-forested wetland	Nonstocked	5.8		Unspecified	No	
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148	6130 - Fir, Aspen, Maple	Poletimber Well	68.1	53	1-50	N/A	Stand is mainly balsam fir and quaking aspen and red maple. There is multiple wet pockets and wet runs with standing water/ice.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	20	Pole	6		Balsam Fir	Medium	Variable	Sapling
Paper Birch	1	Pole	7		Tag Alder	Medium	10 - 20 feet	Tall Shrub
Quaking Aspen	35	Pole	7					
Balsam Fir	41	Pole	6	53				
White Pine	1	Pole	6					
White Oak	2	Log	12					

149	4126 - White, Black, N. Pin Oak	Sawtimber Medium	49.8	134	1-50	N/A	Stand was harvested in 2006. All trees except white oak were cut. The residual oak basal area ranges from 0-60 square feet. Oak and red maple regen is from stump sprouts and single stem, the oak is heavily browsed. The aspen is growing well in scattered pockets of variable size. Cherry is dense in places.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Oak	100	Log	14	134	Bigtooth Aspen	High	10 - 20 feet	Sapling
					Black/Red (Hybrid) Oak	Medium	Variable	Sapling
					Black Cherry	Low	Variable	Sapling
					Red Maple	High	Variable	Sapling
					White Pine	Low	Variable	Sapling

150	42250 - Pine, Oak	Sawtimber Well	10.5	75	81-110	N/A	Mixed upland pine and oak stand.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Pine	20	Log	12		White Pine	Medium	Variable	Sapling
White Pine	40	Log/Pole	10	75				
Quaking Aspen	5	Pole	8					
White Oak	20	Log	12					
Black/Red (Hybrid) Oak	10	Log	14					
Red Maple	5	Pole	6					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																			
151	4139 - Aspen, Mixed Deciduous	Sapling Well	17.8	16	Immature	N/A	Stand was regenerated in 2006. Red pine was planted in 2008. The stand is dominated primarily by aspen with some mixed hardwoods. There are some open areas where the red pine is free to grow.																																																			
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153	500 - Water	Nonstocked	12.8		Unspecified	No	Beaver flooding with alder and open water.																																																			
154	500 - Water	Nonstocked	3.2		Unspecified	No	Beaver flooding, open water with cattail.																																																			
155	4130 - Aspen	Poletimber Well	58.7	51	81-110	N/A																																																				
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156	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	95.6	67	51-80	N/A	Lowland conifer stand with some aspen birch and maple scattered around. Pockets of sawtimber cedar.																																																			
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157	4122 - Oak, Pine	Sawtimber Well	18.1	100	51-80	N/A	Mixed oak and pine stand. Lower quality oak site than the stand to the south. Black oak is experiencing decline and mortality. The white pine has good form and growth. A few small pockets of aspen poletimber present. Understory has a good amount of advanced white pine regeneration as well as some mixed oak.																																																			
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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158	4126 - White, Black, N. Pin Oak	Sawtimber Well	47.1	105	81-110	N/A	
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Healthy, good quality oak stand. The red maple and aspen were removed approximately 20-30 years ago. Heavy red maple stump sprouts in the understory are just reaching into the canopy. White pine and balsam fir are scattered in the understory. Average BA is around 80.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	2	Sapling/Pole	4	
Black/Red (Hybrid) Oak	76	Log	14	105
Bigtooth Aspen	2	Pole	6	
White Oak	20	Log	13	

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	High	>20 feet	Sapling
Witch Hazel	Medium	5 - 10 feet	Tall Shrub