



Compartment Review Presentation

Roscommon Forest Management Unit

Compartment 71054

Entry Year: 2026

Acreage: 4,127

County: Roscommon

Management Area: High Sand Plains

Stand Examiner: Brian Martell

Legal Description:

T22N R01W, Sections 11-14 & 22-26

Identified Planning Goals:

Vegetation management in the High Sand Plains management area 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 will focus on balancing aspen age classes.

Soil and topography:

Soils consist of Grayling, Greycalm, and Rubicon sands. Topography is made up of a series of rolling hills and ridges.

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

The compartment is a large continuous block of state land, but the whole east side is bordered by private parcels. There are multiple large communication towers within the northern part of the compartment.

Unique Natural Features:

The very NW portion of the compartment has an occurrence of Hill's Thistle last observed in 1953.

Archeological, Historical, and Cultural Features:

None known.

Special Management Designations or Considerations:

None

Watershed and Fisheries Considerations:

None known.

Wildlife Habitat Considerations:

Mineral Resource and Development Concerns and/or Restrictions

No known potential exists for metallic minerals in this part of the state. The closest known active sand/gravel operation is three miles west, but there is some evidence of two small, former pits within the compartment. There is very good potential for sand & gravel and for development of surface mines on the uplands within the compartment, and there does appear to be demand for aggregate resources in the area. The nearest significant oil & gas production, past or present, is the West Branch Field, more than three miles east. There may be some potential for that field to expand along structure to the northwest, but it should not impact the compartment. There has been no leasing of State-owned oil & gas rights within the compartment within the last seven years. In addition, there is limited history of well permitting activity in and around the compartment. In 2012, a well was drilled less than one mile southwest of the compartment to test the Collingwood Formation, but the well did not produce and, to date, the Collingwood has not been proven as an economic hydrocarbon play within the state. No known significant potential exists for hydrocarbons from other known producing formations beneath the compartment, and oil & gas potential is considered low at this time.

Vehicle Access:

Vehicle access is fairly good with the exception of a few steep ridges. Roads include Old M-55, Dunham Lake Road, lesser seasonal county roads, and state forest roads.

Survey Needs:

None currently.

Recreational Facilities and Opportunities:

Fire Protection:

Moderate to high fire danger terrain could play a big part in fire intensity. There are forest roads throughout this compartment making it easy access for fire equipment in most of the compartment. there is some low-lying areas that could impact accessibility of equipment.

Additional Compartment Information:

The following reports from the Inventory are attached:

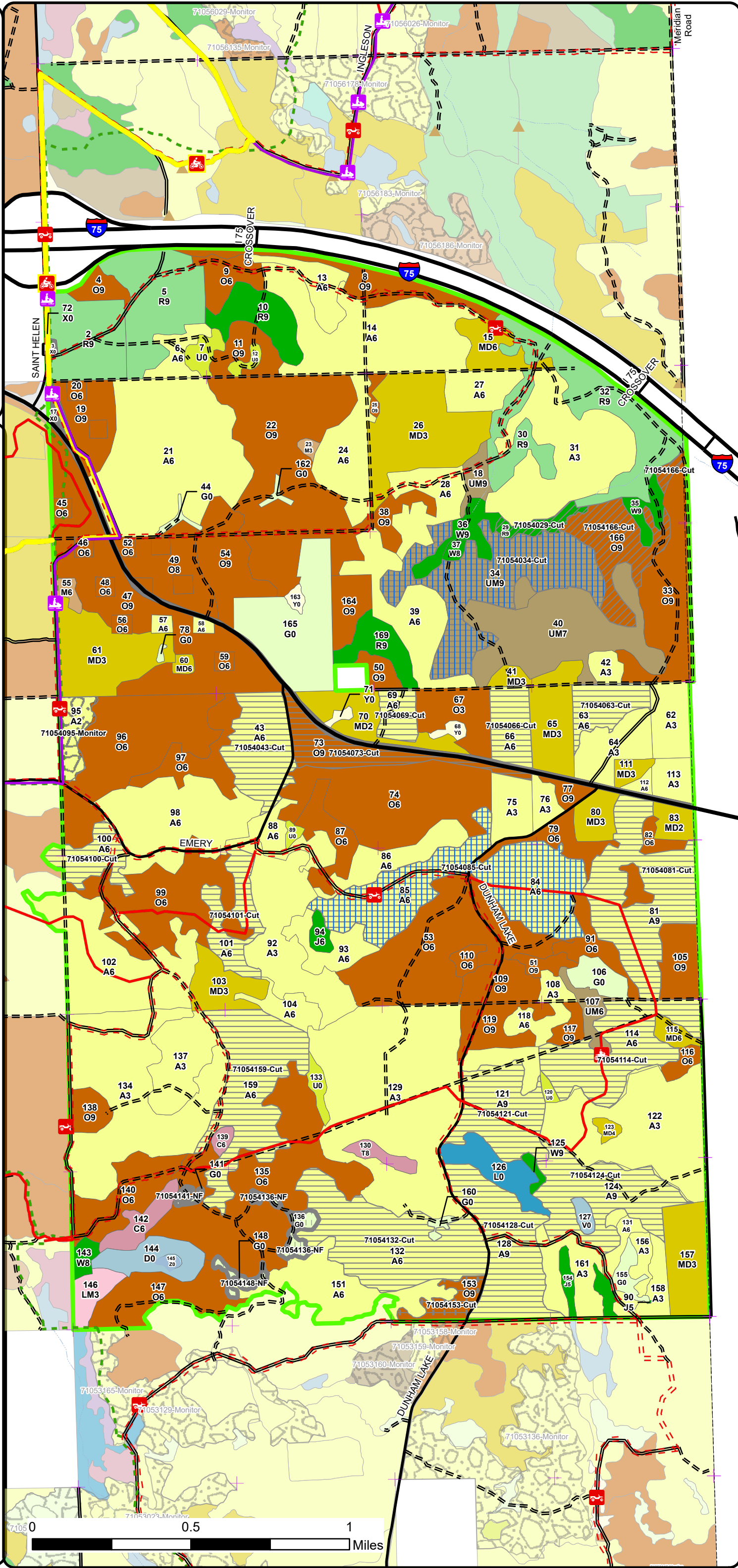
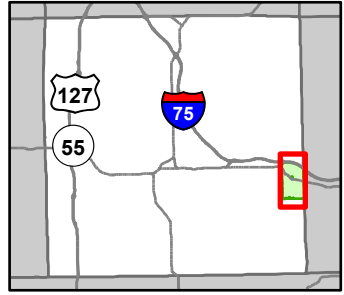
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

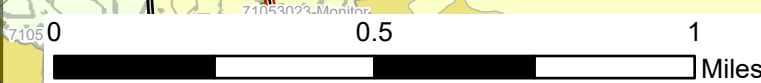
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 71054
 T22N, R01W, Sec. 11-14, 23-26
 County: Roscommon
 Unit: Roscommon
 Mgmt Area: High Sand Plains
 YOE: 2026
 Acres: 4127 GIS Calculated
 Examiner: Brian Martell
 Map Revised: 10/3/2024
 Map Phase: Post Review

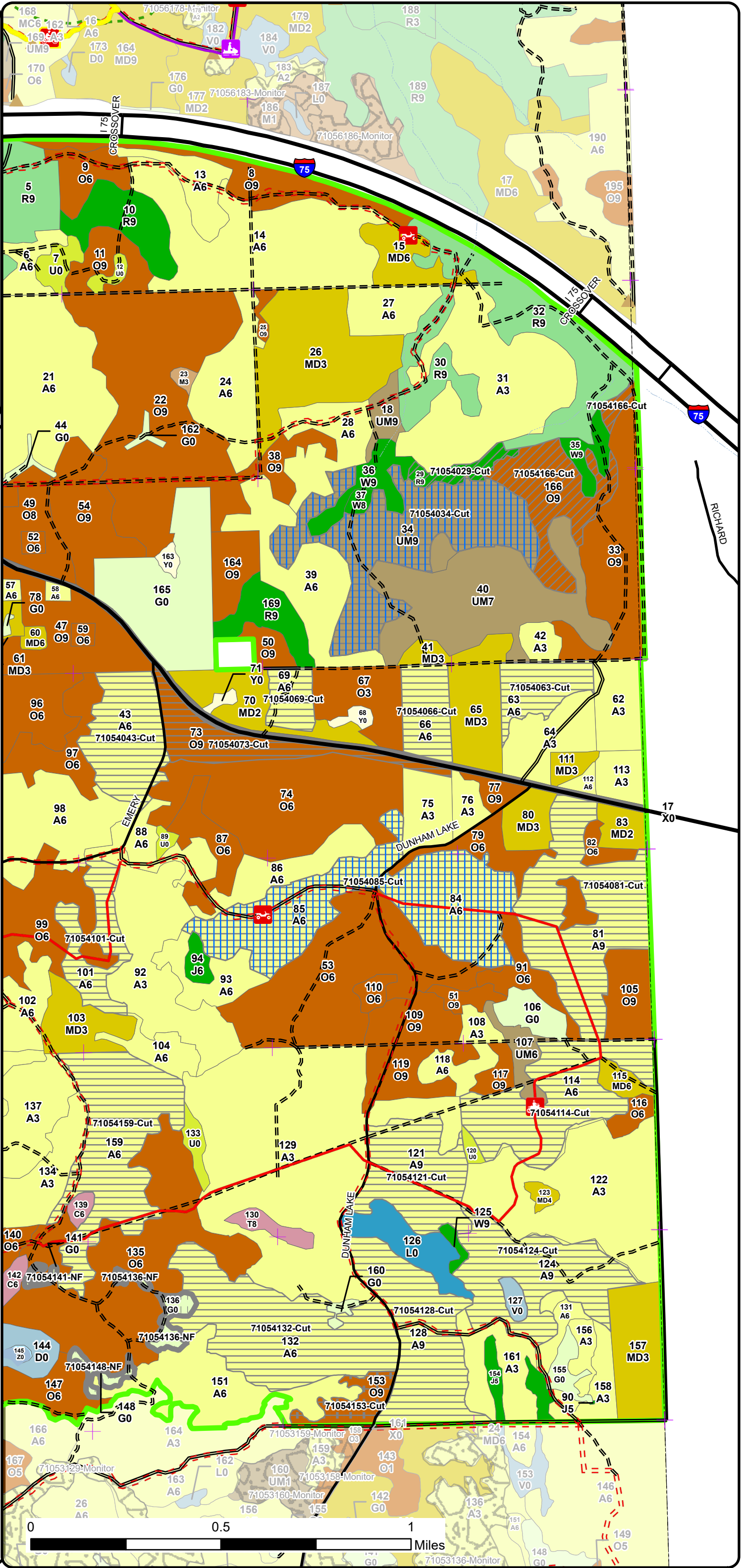
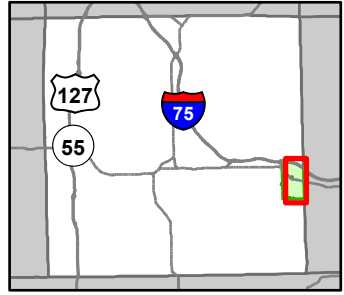


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- ORV Trails
- ORV Routes
- Snowmobile Trails
- Designated Hiking Pathways
- Designated ORV Routes
- Designated ATV Trails
- Designated MCCCT Trails
- Remonumented Section Corners
- Berms
- Parking Lot
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State Highway
- Federal / State / County - Paved Road
- Intermittent Stream
- Lake/Pond
- Lakes and Rivers
- Compartment Boundary
- Clearcut (w/Reserves)
- Harvest, Overstory Removal
- Seed Tree (w/Reserves)
- Thinning (Crown, Low, Systematic)
- Regeneration Survey
- Opening Maintenance
- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 430 - Upland Mixed Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 122 - Roads/Parking Lot
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 500 - Water
- 622 - Lowland Shrub
- 629 - Mixed Non-forested Wetland
- 710 - Sand/Soil

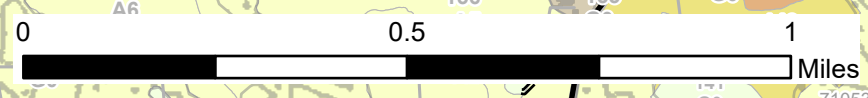


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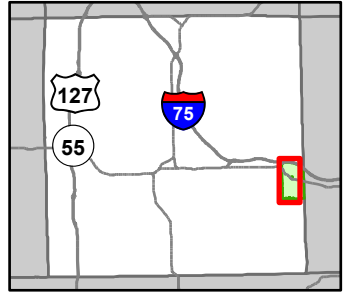


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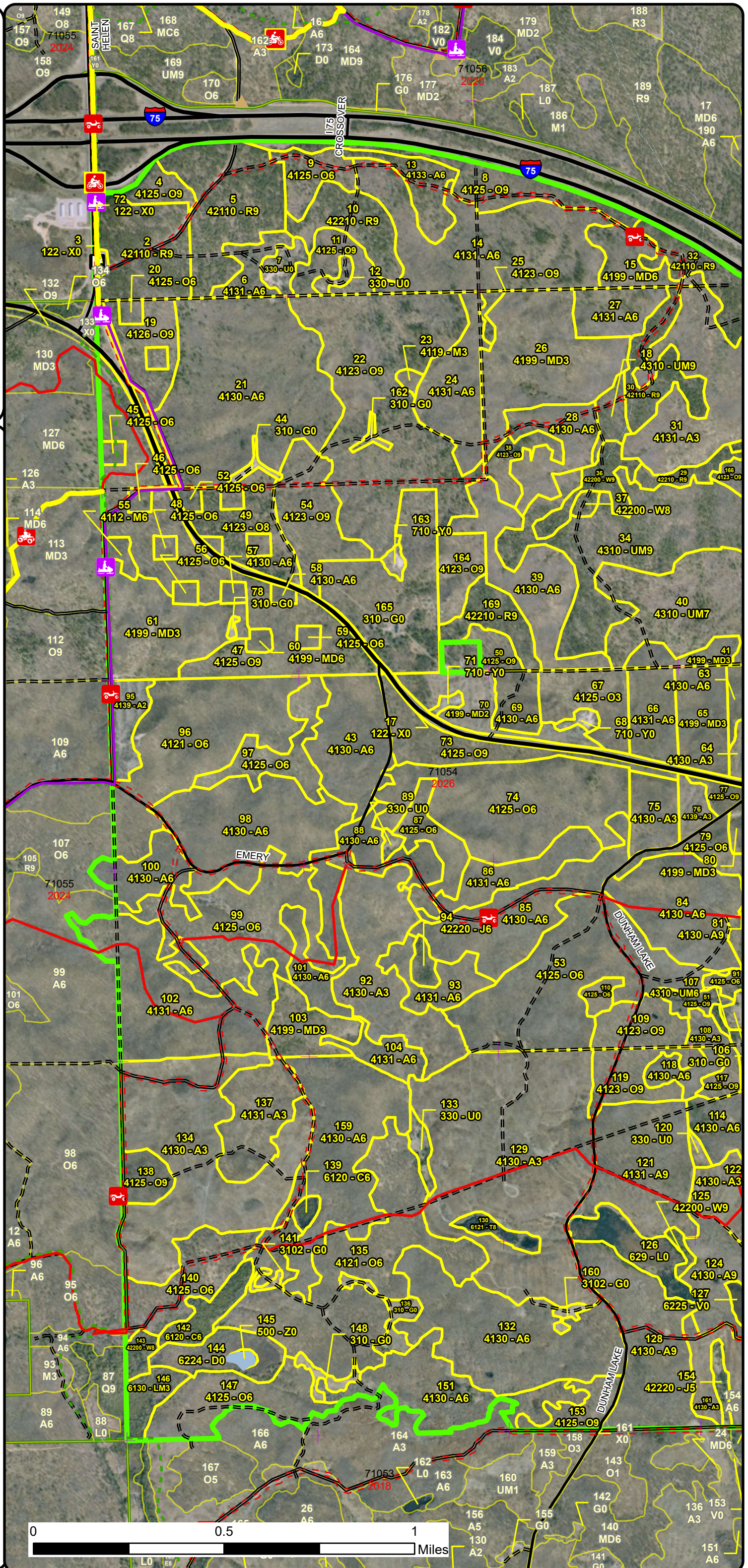


Stand Boundary Map

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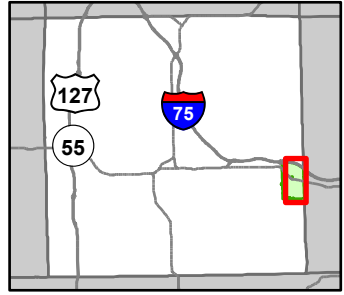


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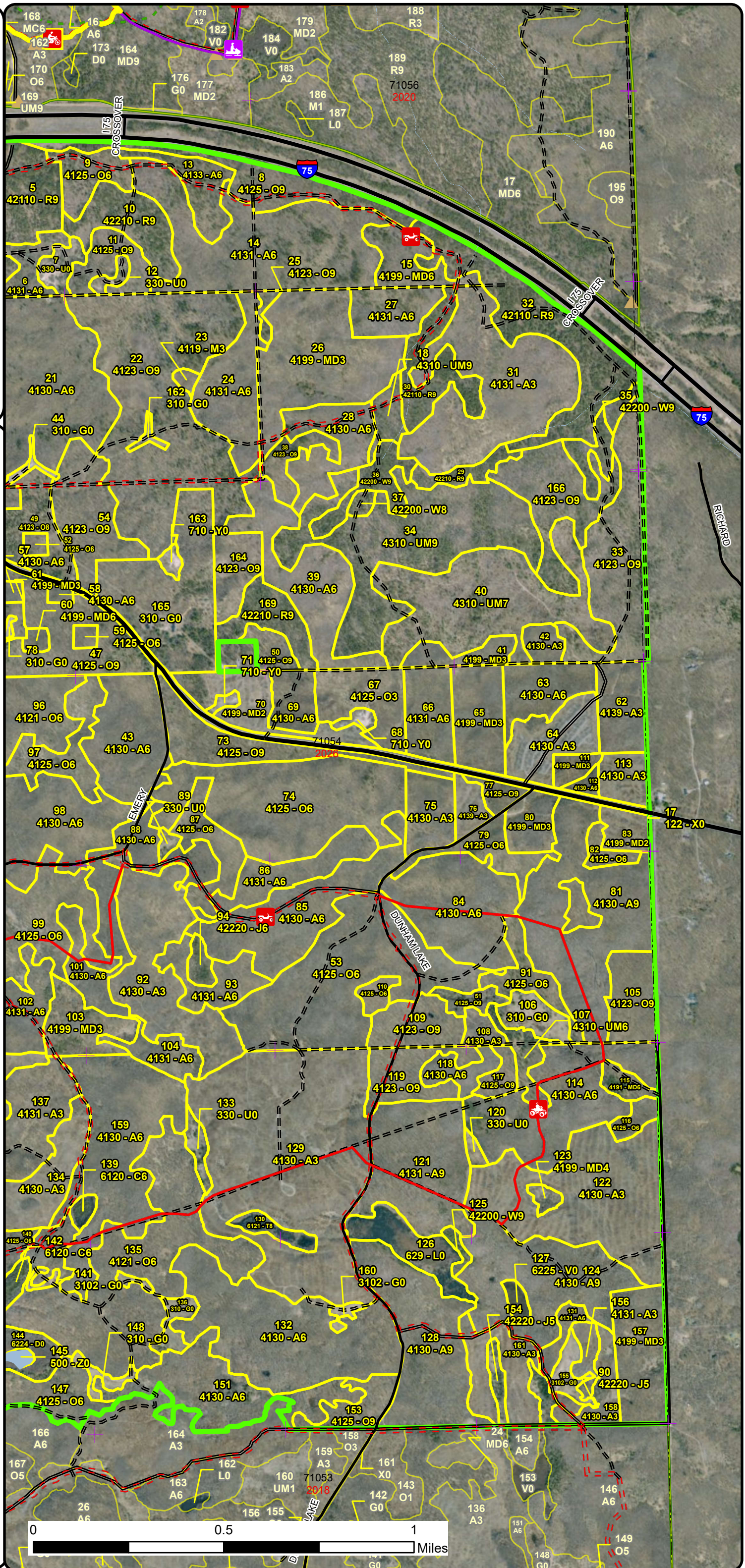
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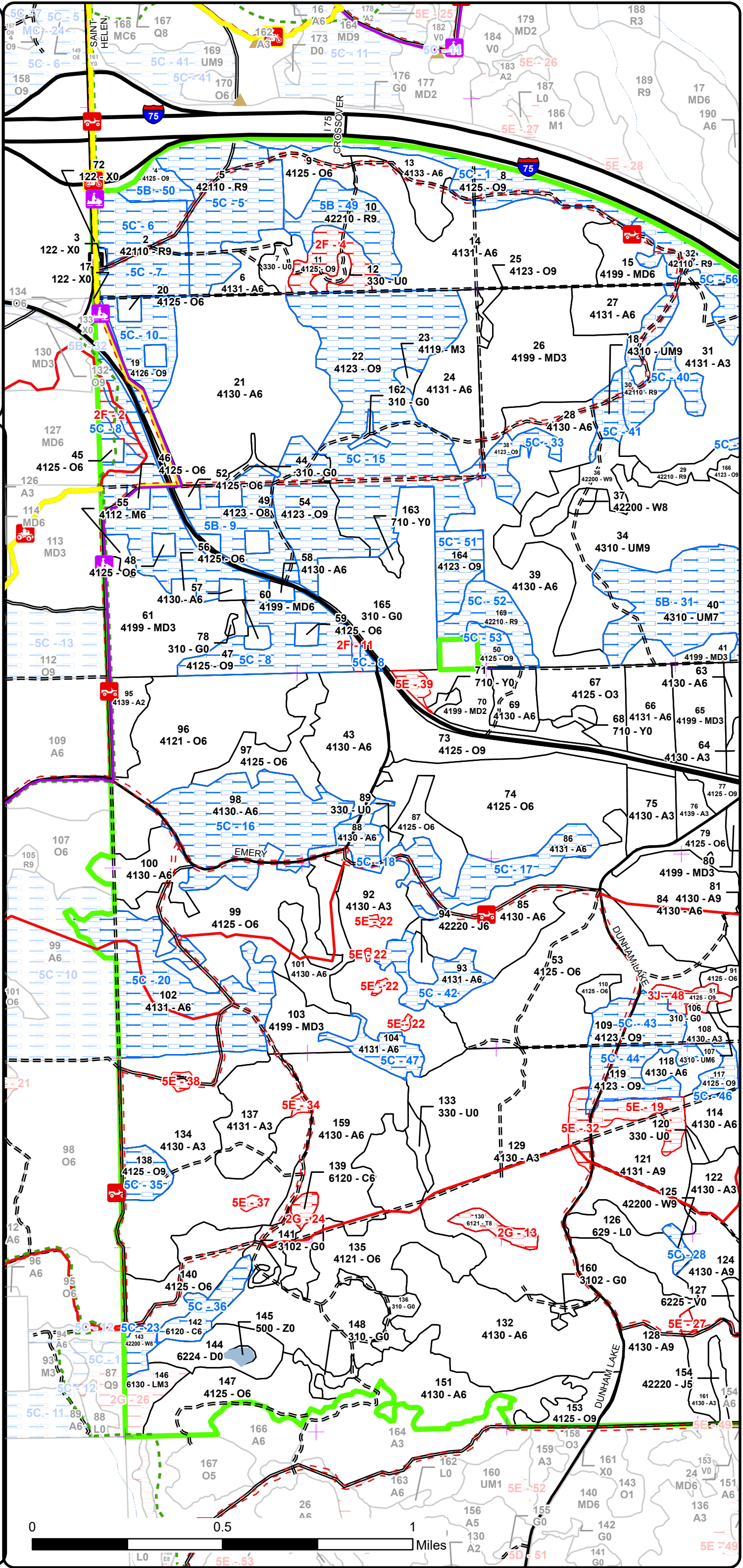
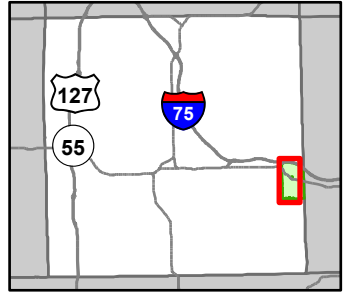
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Special Conservation Areas & Site Conditions Map

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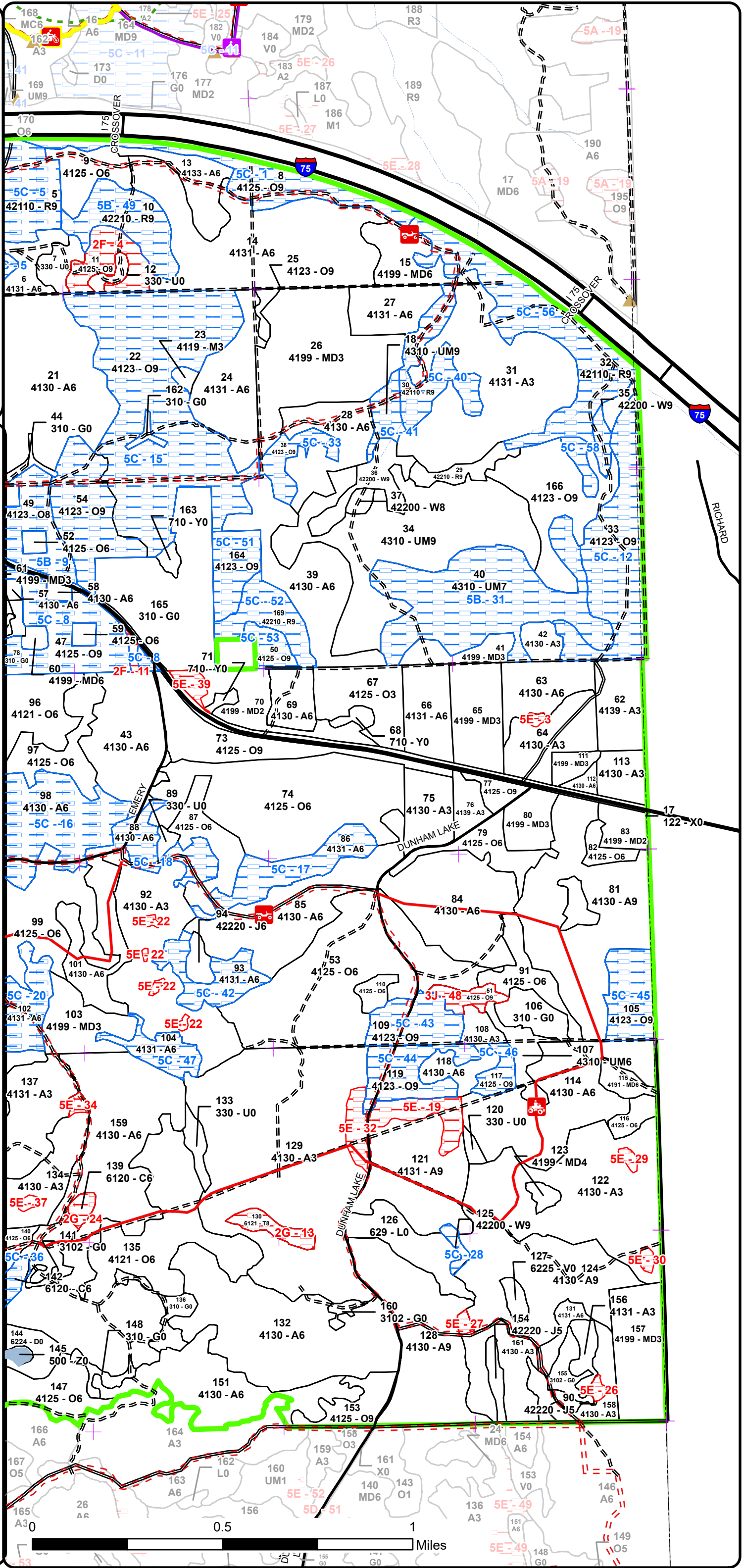
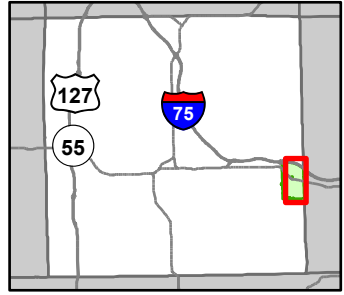


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- Available w/ Constraints
- Unavailable
- 5B: Maintain for regeneration purposes
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- 2F: Too steep
- 2G: Too wet (sensitive soils, does not include access issues)
- 3J: Water quality / BMPs (stream, river, or lake)
- 5E: Long-Term Retention
- Available w/ Constraints
- Unavailable
- 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+	Unseen-Aged	Total
Aspen	0	433	92	52	329	768	279	0	0	0	0	0	0	0	0	0	0	0	1953
Bog	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Cedar	0	0	0	0	0	0	0	0	0	0	3	0	13	0	0	0	0	0	15
Herbaceous Openland	93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	93
Jack Pine	0	0	0	0	0	4	9	0	0	0	0	0	0	0	0	0	0	0	12
Low-Density Trees	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19
Lowland Mixed Forest	0	0	0	0	0	0	11	0	0	0	0	0	0	0	0	0	0	0	11
Lowland Shrub	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20
Mixed Upland Deciduous	0	32	108	101	6	17	6	0	0	0	0	0	0	0	0	0	0	0	269
Northern Hardwood	0	0	0	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Oak	0	0	0	24	25	390	192	0	0	0	467	121	9	0	0	0	0	0	1226
Red Pine	0	0	0	0	0	0	0	0	0	32	185	0	0	0	0	0	0	0	217
Sand, Soil	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Tamarack	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	6
Treed Bog	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19
Upland Mixed Forest	0	0	0	0	0	0	10	0	0	0	165	8	0	0	0	0	0	0	183
Urban	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36
Water	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
White Pine	0	0	0	0	0	0	0	0	0	19	9	0	0	0	5	0	0	0	31
Total	200	465	200	179	364	1179	507	0	0	51	835	129	22	0	5	0	0	0	4129



Report 2 – Treatment Summary

Roscommon Mgt. Unit
Year of Entry: 2026

Acres of Harvest

Compartment 54
Total Compartment Acres: 4,127

Commercial Harvest - 820
Harvests with Site Condition - 0
Next Step Harvest - 0
Habitat Cut - 0

Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overshoot Removal	Salvage	Other	Total Acres
Aspen	552	0	0	97	0	0	0	0	0	648
Oak	28	0	0	0	0	39	13	0	0	80
Red Pine	0	0	0	0	0	8	0	0	0	8
Upland Mixed Forest	0	0	0	84	0	0	0	0	0	84
Total	579	0	0	181	0	47	13	0	0	820

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	820	0	0	0	0	0	14	0	13	846
Next Step	0	0	0	0	0	0	773	0	13	786
Total	820	0	0	0	0	0	787	0	26	1632



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

29	71054029-Cut	7.642210 - Natural Red Pine	Sawtimber Well	88	111-140	Harvest	Crown Thinning	4221 - Natural Red Pine	Even-Aged	No
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Prescription Thin stand down to around 90 BA. Take out high risk black oak where there's room to lay them down without too much damage to residual.
Specs: Mark pine to remove taking out poor formed and suppressed trees first, then for crown spacing. Add oak wilt spec.

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Site Condition:

Proposed Start Date: 10/1 /2025

34	71054034-Cut	84.34310 - Pine, Oak Mix	Sawtimber Well	98	81-110	Harvest	Seed Tree with Retention	4319 - Mixed Upland Forest	Two-Aged	No
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Prescription Cut all trees 2 inches DBH and larger except for white pine. Do not cut any white pine and protect white pine regeneration where possible and realistic. Leave retention in areas heavier to white pine where maneuverability to access cut trees will be an issue. Add oak wilt spec.

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

Acceptable A combination of oak, red maple, aspen, and white pine.
Regen:

Other
Comment:

Site Condition:

Proposed Start Date: 10/1 /2025

43	71054043-Cut	38.8 4130 - Aspen	Poletimber Well	48	Unspecified	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
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Prescription Cut all trees 2 inches DBH and larger. Leave standard area retention according to retention guidelines. Leave drumming logs. Add oak wilt spec.

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

Acceptable Aspen mixed with red maple and oak.
Regen:

Other
Comment:

Site Condition:

Proposed Start Date: 10/1 /2025



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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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63	71054063-Cut	19.6	4130 - Aspen	Poletimber Well	57	Unspecified	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
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Prescription Cut all trees 2 inch DBH and larger. Leave standard area retention focused on areas heavier to oak. Leave drumming logs. Add oak wilt spec.

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

Acceptable Fully stocked stand of aspen mixed with red maple and some oak.
Regen:

Other
Comment:

Site Condition:

Proposed Start Date: 10/1 /2025

66	71054066-Cut	19.6	4131 - Aspen, Oak	Poletimber Well	57		Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
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Prescription Cut all trees 2 inches DBH and larger. Leave standard area retention according to retention guidelines. Leave drumming logs. Add oak wilt spec.

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

Acceptable Fully stocked stand of aspen with red maple and oak.
Regen:

Other
Comment:

Site Condition:

Proposed Start Date: 10/1 /2025

69	71054069-Cut	12.0	4130 - Aspen	Poletimber Well	57		Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
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Prescription Cut all trees 2 inches DBH and larger except do not cut any pine. Leave standard area retention according to retention guidelines. Leave drumming logs. Add oak wilt spec.

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

Acceptable Fully stocked aspen with red maple and oak.
Regen:

Other
Comment:

Site Condition:

Proposed Start Date: 10/1 /2025

73	71054073-Cut	27.5	4125 - Black, N. Pin Oak	Sawtimber Well	95	81-110	Harvest	Clearcut with Retention	4199 - Other Mixed Upland Deciduous	Even-Aged	No
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Prescription Clear-cut. Leave about a dozen healthy large crowned white oak Leave 3 to 10% retention concentrated in eastern finger. Add oak wilt spec.

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

Acceptable Moderately stocked stand of oak, red maple, and aspen.
Regen:

Other
Comment:

Site Condition:

Proposed Start Date: 10/1 /2025



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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
81 71054081-Cut	75.6	4130 - Aspen	Sawtimber Well	48		Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Cut all trees one inch DBH and larger. Leave standard area retention according to retention guidelines. Leave drumming logs. Include ATV trail protection and oak wilt 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> Fully stocked stand of aspen mixed with red maple and some oak.</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 /2025</p>										
85 71054085-Cut	96.6	4130 - Aspen	Poletimber Well	48	Unspecified	Harvest	Seed Tree with Retention	4131 - Aspen, Oak	Even-Aged	No
<p><u>Prescription</u> Cut all trees 2 inches DBH and larger except do not cut any oak. Leave standard area retention focused on areas heavier to oak. Leave drumming logs. Include ATV trail protection specs. Add oak wilt spec.</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> Fully stocked stand of aspen with some red maple and oak.</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 /2025</p>										
95 71054095-Monitor	13.9	4139 - Aspen, Mixed Deciduous	Sapling Medium	4	Immature	Monitoring	Natural Regen (Re-Inventory)	4131 - Aspen, Oak	Even-Aged	No
<p><u>Prescription</u> .</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> aspen with mixed oak to full stocking.</p> <p><u>Regen:</u></p> <p><u>Other</u> Percent to Treat = 100%</p> <p><u>Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2028</p>										
100 71054100-Cut	20.0	4130 - Aspen	Poletimber Well	48		Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Clearcut with retention. Focus retention around areas heavier to oak. Add drumming log, orv trail protection, and oak wilt 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> Full stocking of aspen</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 /2025</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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101	71054101-Cut	23.9	4130 - Aspen	Poletimber Well	48		Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
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Prescription Specs: Cut all trees 2 inches DBH and larger. Leave standard area retention according to retention guidelines. Leave drumming logs. Include ATV trail protection and oak wilt specs.

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

Acceptable Regen: Aspen with red maple and oak.

Other Comment:

Site Condition:

Proposed Start Date: 10/1 /2025

114	71054114-Cut	57.2	4130 - Aspen	Poletimber Well	50	141-170	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
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Prescription Specs: Cut all trees one inch DBH and larger. Leave standard area retention focused on either the far west end of the stand where the white pine is located, or in a concentration of oak. Leave drumming logs. Add oak wilt and orv trail protection specs.

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

Acceptable Regen: Filled stocked stand of aspen with maple and oak.

Other Comment:

Site Condition:

Proposed Start Date: 10/1 /2025

121	71054121-Cut	42.7	4131 - Aspen, Oak	Sawtimber Well	51	111-140	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
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Prescription Specs: Clearcut with retention. Retention has already been established in the area heaviest to oak. Cut everything 2 inches and up except do not cut any oak over 6 inches. Add drumming log, oak wilt, and orv trail specs. Leave a few brush piles along the conifer wetland edge in the southeast.

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

Acceptable Regen: Fully stocked aspen with mix of oak

Other Comment:

Site Condition:

Proposed Start Date: 10/1 /2025

124	71054124-Cut	54.6	4130 - Aspen	Sawtimber Well	53	111-140	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
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Prescription Specs: Clear-cut. Leave standard area retention focused around slope down to bog and vernal pool. Leave drumming logs and a few brush piles along the conifer wetland edge to the west. Add oak wilt and orv trail protection specs.

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

Acceptable Regen: Fully stocked stand of aspen with red maple, oak and cherry.

Other Comment:

Site Condition:

Proposed Start Date: 10/1 /2025



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
128	71054128-Cut	57.5	4130 - Aspen	Sawtimber Well	50	111-140	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Cut all trees 1 inch DBH and larger. Leave standard area retention focused on steep slopes along the wetland to the north. Leave drumming logs. Add oak wilt and orv trail protection 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> Fully stocked aspen stand mixed with oak and red maple.</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 /2025</p>											
132	71054132-Cut	80.3	4130 - Aspen	Poletimber Well	49	81-110	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Cut all trees 1 inch DBH and larger. Leave standard area retention according to the retention guidelines to include at least some oak. Leave drumming logs. Add oak wilt and orv trail protection 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> Moderately stocked aspen stand with some oak and cherry mixed in.</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 /2025</p>											
136	71054136-NF	7.4	310 - Herbaceous Openland	Nonstocked			NonForestMgt	Herbaceous/Crop/Grass Planting	310 - Herbaceous Openland		No
<p><u>Prescription</u> Mow, cultivate, fertilize, seed as required to maintain established Wildlife Opening, Nine Mile Field 17.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> NonForestMgt, Herbaceous/Crop/Grass Planting</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 /2025</p>											
141	71054141-NF	1.5	3102 - Grass	Nonstocked			NonForestMgt	Herbaceous/Crop/Grass Planting	310 - Herbaceous Openland		No
<p><u>Prescription</u> Mow, cultivate, fertilize, seed as required to maintain established Wildlife Opening, Nine Mile Field 16.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> NonForestMgt, Herbaceous/Crop/Grass Planting</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 /2025</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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148	71054148-NF	3.9	310 - Herbaceous Openland	Nonstocked		NonForestMgt	Brush Cutting	310 - Herbaceous Openland		No
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Prescription Mow, cultivate, fertilize, seed as required to maintain established Wildlife Opening, Nine Mile Field 18

Specs:

Next Step NonForestMgt, Herbaceous/Crop/Grass Planting

Treatments:

Acceptable

Regen:

Other

Comment:

Site Condition:

Proposed Start Date: 10/1 /2025

153	71054153-Cut	12.8	4125 - Black, N. Pin Oak	Sawtimber Well	105	81-110	Harvest	Overstory Removal	4199 - Other Mixed Upland Deciduous	Even-Aged	No
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Prescription Cut all trees 5 inches DBH and up. Protect advanced oak regeneration that is already present. Leave about a dozen large crowned oak trees focused on white oak for acorns and wildlife considerations. Leave no other retention due to small stand size and the desire to get as much regeneration as possible with a declining stand. Add oak wilt and orv trail protection specs.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable A mix of oak and aspen to a moderately stopped stand.

Regen:

Other

Comment:

Site Condition:

Proposed Start Date: 10/1 /2025

159	71054159-Cut	69.5	4130 - Aspen	Poletimber Well	49	81-110	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
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Prescription Cut all trees 2 inches DBH and larger. Leave standard area retention according to retention guidelines. Leave drumming logs. Protect ATV trail and ORV route. Add oak wilt spec.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Fully stocked stand of aspen mixed with oak and red maple.

Regen:

Other

Comment:

Site Condition:

Proposed Start Date: 10/1 /2025



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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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166	71054166-Cut	39.2	4123 - Red Oak	Sawtimber	98	111-140	Harvest	Crown Thinning	4123 - Red Oak	Even-Aged	No
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Prescription Mark to cut down to about 70-90 sq. ft. Take out suppressed and poor formed trees first, then mark for crown spacing to open up canopy
Specs: and diameter growth on crop trees. Do not cut red maple where possible so as to discourage stump sprout clumps. Add oak wilt spec.

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Site Condition:

Proposed Start Date: 10/1 /2025

Total Treatment 866
Acreage Proposed:

Report 4 – Site Conditions

Roscommon Mgt. Unit
 Brian Martell: Examiner

Compartment: 54
 Year of Entry: 2026

Availability for Management

Total Acres	Acres Available	Acres Avail		Acres Not Available	Dominant Site Conditions							
		With Condition			5B	5C	2F	2G	3J	5E		
1953	1714	209		30	Aspen		209					30
4	4	0		0	Bog							
15	0	12		3	Cedar		12		3			
93	93	0		0	Herbaceous Openland	0						0
13	13	0		0	Jack Pine							
19	19	0		0	Low-Density Trees							
11	0	0		11	Lowland Mixed Forest				11			
20	20	0		0	Lowland Shrub		0					
269	266	0		3	Mixed Upland Deciduous							3
6	6	0		0	Northern Hardwood							
1226	717	483		26	Oak	35	447	21			6	0
216	8	209		0	Red Pine	24	185					
7	7	0		0	Sand, Soil							0
6	0	0		6	Tamarack				6			
19	19	0		0	Treed Bog							
181	97	84		0	Upland Mixed Forest	77	8					
36	34	1		0	Urban		1					0
2	2	0		0	Water							
32	16	16		0	White Pine		16					
4,127	3,033	1,014		79	Total Forested Acres	136	879	21	20	6		33
	73%	25%		2%	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	29	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

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2	Unavailable	2F: Too steep	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
3	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
4	Unavailable	2F: Too steep	15	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	52	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	23	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	18	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

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8	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	86	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
9	Available	5B: Maintain for regeneration purposes	27	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
10	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	21	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
11	Unavailable	2F: Too steep	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
12	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	51	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Just thinned last entry.							
13	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

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15	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	155	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
16	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	66	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Held due to high oak component. Allow oak to reach sawtimber size class.							
17	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	22	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Held due to high oak component. Allow oak to reach sawtimber size class.							
18	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	18	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Held due to high oak component. Allow oak to reach sawtimber size class.							
19	Unavailable	5E: Long-Term Retention	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
20	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	75	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Held due to high oak component. Allow oak to reach sawtimber size class.							

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22	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
23	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
24	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
26	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
27	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
28	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
29	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

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30	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
31	Available	5B: Maintain for regeneration purposes	77	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
32	Unavailable	5E: Long-Term Retention	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
33	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
34	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
35	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

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36	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	13	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
37	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
38	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
39	Unavailable	5E: Long-Term Retention	3	2F: Too steep	Unspecified	Unspecified	Unspecified
Comments:							
40	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	22	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
41	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

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42	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	17	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
43	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	18	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
44	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	20	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
45	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	19	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
46	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Roscommon Mgt. Unit

Compartment: 54

Brian Martell: Examiner

Year of Entry: 2026

47	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Needs more time for diameter growth.Held due to high oak component. Allow oak to reach sawtimber size class.							
48	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
49	Available	5B: Maintain for regeneration purposes	24	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Allow the oak to mature.							
50	Available	5B: Maintain for regeneration purposes	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Allow more of the aspen to become merchantable before harvesting.							
51	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	15	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
52	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	17	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Roscommon Mgt. Unit

Compartment: 54

Brian Martell: Examiner

Year of Entry: 2026

53	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
56	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	55	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
58	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	9	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



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.

Conservation Area	Type	Description	ERA = Ecological Reference Area HCVA = High Conservation Value Area SCA = Special Conservation Area
<hr/>			
<hr/>			



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																		
2	42110 - Planted Red Pine	Sawtimber Well	39.1	96	141-170	N/A	REMOVED HARDWOODS AND JACK PINE IN 1994. Thinned in March 2013																																																		
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>1</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>5</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>White Oak</td> <td>2</td> <td>Log</td> <td>12</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>2</td> <td>Log/Pole</td> <td>13</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>90</td> <td>Log/Pole</td> <td>13</td> <td>96</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	1	Pole	7		Bigtooth Aspen	5	Pole	7		White Oak	2	Log	12		Black/Red (Hybrid) Oak	2	Log/Pole	13		Red Pine	90	Log/Pole	13	96	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Witch Hazel</td> <td>Low</td> <td>10 - 20 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Red Maple</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Pin Cherry</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Oak</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Black/Red (Hybrid) Oak	Medium	Variable	Sapling	Witch Hazel	Low	10 - 20 feet	Tall Shrub	Red Maple	Low	Variable	Sapling	Pin Cherry	Low	Variable	Sapling	White Oak	Low	Variable	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																																					
Red Maple	1	Pole	7																																																						
Bigtooth Aspen	5	Pole	7																																																						
White Oak	2	Log	12																																																						
Black/Red (Hybrid) Oak	2	Log/Pole	13																																																						
Red Pine	90	Log/Pole	13	96																																																					
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Red Maple	Low	Variable	Sapling																																																						
Pin Cherry	Low	Variable	Sapling																																																						
White Oak	Low	Variable	Sapling																																																						
3	122 - Road/Parking Lot	Nonstocked	1.1			No	ORV parking lot.																																																		
4	4125 - Black, N. Pin Oak	Sawtimber Well	8.5	110	81-110	N/A	All Aspen was cut out of stand in 1994.																																																		
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5	42110 - Planted Red Pine	Sawtimber Well	52.1	96	141-170	N/A	Most species were removed in 1994 except for red pine and some oak. North of the main two track has most of the oak in it and the red pine is generally smaller in size.																																																		
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6	4131 - Aspen, Oak	Poletimber Well	11.3	45		N/A																																																			
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10	42210 - Natural Red Pine	Sawtimber Well	23.6	86	81-110	N/A	Mix if older pine with younger oak. CUT IN 1981.																																																		
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13	4133 - Aspen, Mixed Pine	Poletimber Well	16.0	43	81-110	N/A																																																			
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments			
14	4131 - Aspen, Oak	Poletimber Well	82.9	43	51-80	N/A	Some parts of the standard are dominated by aspen, and some parts are dominated by oak. There are some older log sized oak and red pine that are left over from the last harvest.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Red Pine		5	Log/Pole	11		Witch Hazel		Low	5 - 10 feet	Tall Shrub
Bigtooth Aspen		50	Pole/Sap/Log	7	43	Red Maple		Medium	Variable	Sapling
Black/Red (Hybrid) Oak		40	Pole/Sap/Log	7		Black/Red (Hybrid) Oak		Low	Variable	Sapling
Red Maple		5	Pole/Sapling	5		White Oak	Low	5 - 10 feet	Sapling	
15	4199 - Other Mixed Upland Deciduous	Poletimber Well	17.2	42	1-50	N/A	There are some remnant log oak and pine left from the last harvest making the stand almost two-aged. North and southeast portions of the stand are mostly aspen dominated and the rest is oak dominated.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Bigtooth Aspen		35	Pole	7		Pin Cherry		Low	Variable	Sapling
Red Oak		40	Pole/Sap/Log	6	42	Red Maple		Medium	>20 feet	Sapling
Red Pine		2	Log/Pole	12						
Black/Red (Hybrid) Oak		5	Pole/Sapling	6						
White Pine		3	Pole/Log	8						
Red Maple		15	Sapling/Pole	4						
17	122 - Road/Parking Lot	Nonstocked	33.0			No				
18	4310 - Pine, Oak Mix	Sawtimber Well	7.8	103	111-140	N/A	Patches of oak and patches of pine. Northern part is more oak and southern part is more pine.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Red Maple		3	Pole	7		Black/Red (Hybrid) Oak		Low	5 - 10 feet	Sapling
White Pine		42	Log/Pole	12		White Pine		Low	5 - 10 feet	Sapling
White Oak		5	Pole/Log	8		Red Maple		Low	>20 feet	Pole
Quaking Aspen		2	Log	12		White Oak		Low	Variable	Sapling
Black/Red (Hybrid) Oak		48	Log/Pole	13	103	Red Maple		High	>20 feet	Sapling
19	4126 - White, Black, N. Pin Oak	Sawtimber Well	21.1	98	81-110	N/A				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	
Black/Red (Hybrid) Oak		80	Log/Pole	12	98	White Pine	Low	5 - 10 feet	Sapling	
White Oak		20	Log/Pole	11		Bigtooth Aspen	Medium	10 - 20 feet	Sapling	
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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20 4125 - Black, N. Pin Oak Poletimber Well 4.6 38 51-80 N/A A couple 2 acre square patch cuts.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	5	Sapling/Pole	4		Pin Cherry	Low	< 5 feet	Sapling
White Oak	5	Pole/Sapling	5		Red Maple	Low	Variable	Sapling
White Pine	1	Pole/Log	9					
Black/Red (Hybrid) Oak	65	Pole/Sapling	5	38				
Bigtooth Aspen	24	Pole/Sapling	5					

21 4130 - Aspen Poletimber Well 116.9 38 51-80 N/A Bigtooth aspen stand with some oak and stump sprout red maple mixed in. There are some log sized red pine and small pole sized cherry that probably don't make up 1% of the canopy coverage so don't show up in the stand data. Hilly terrain.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black/Red (Hybrid) Oak	3	Pole/Sapling	5		Pin Cherry	Low	5 - 10 feet	Sapling
Red Oak	10	Pole/Sapling	6		Witch Hazel	Low	5 - 10 feet	Tall Shrub
Red Maple	7	Pole/Sapling	5		Red Maple	Medium	>20 feet	Sapling
White Pine	1	Log/Pole/Sap	10					
Bigtooth Aspen	79	Pole	6	38				

22 4123 - Red Oak Sawtimber Well 122.9 93 81-110 N/A Large stand of primarily red oak. Entire area is made up of rolling hills and ridges. Some areas of pine. Thinned in 2015/2016 710021501. All aspen was cut and a couple large regeneration gaps of aspen and red maple were created.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Pine	1	Log/XLog/Pole	13		Bigtooth Aspen	Low	10 - 20 feet	Sapling
Red Maple	5	Log/Pole	11		Red Maple	High	>20 feet	Sapling
White Oak	3	Log/Pole	10		Pin Cherry	Low	Variable	Sapling
Red Oak	87	Log/Pole	13	93	White Pine	Low	Variable	Sapling
White Pine	4	Log/XLog/Pole	14		Witch Hazel	Low	10 - 20 feet	Tall Shrub

23 4119 - Mixed Northern Hardwoods Sapling Well 1.9 23 Immature N/A Old wildfire

Canopy Species	% Cover	Size Class	DBH	Age
Pin Cherry	5	Sapling	2	
Black/Red (Hybrid) Oak	20	Sapling/Pole	3	
Bigtooth Aspen	5	Sapling	3	
Red Maple	70	Sapling	2	23

24 4131 - Aspen, Oak Poletimber Well 31.6 30 1-50 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Oak	20	Pole/Sapling	5		Red Maple	Medium	10 - 20 feet	Sapling
Bigtooth Aspen	60	Pole/Sapling	6	30	Witch Hazel	Medium	5 - 10 feet	Tall Shrub
Red Maple	20	Sapling/Pole	4					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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25	4123 - Red Oak	Sawtimber Well	2.6	98	51-80	N/A	
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Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	10	Pole/Log	8	
Red Pine	5	Log/XLog	14	
Red Oak	85	Log	14	98

Sub-Canopy Species	Density	Avg. Height	Size
Pin Cherry	Low	Variable	Sapling
Red Maple	High	>20 feet	Sapling

26	4199 - Other Mixed Upland Deciduous	Sapling Well	62.3	19	Immature	N/A	Aspen is starting to outcompete the maple and will probably be dominant next entry.
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Canopy Species	% Cover	Size Class	DBH	Age
Black Cherry	5	Sapling	3	
Red Maple	50	Sapling	2	19
Red Oak	10	Sapling	2	
Bigtooth Aspen	35	Sapling	3	

Sub-Canopy Species	Density	Avg. Height	Size
Witch Hazel	Low	5 - 10 feet	Tall Shrub

27	4131 - Aspen, Oak	Poletimber Well	17.3	39	51-80	N/A	
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Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	8	Pole/Sap/Log	5	
Red Oak	24	Pole/Sapling	6	
Bigtooth Aspen	60	Pole/Log/Sap	7	39
White Pine	1	Pole/Log	9	
Red Pine	5	Log	14	
White Oak	2	Pole	6	

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

28	4130 - Aspen	Poletimber Well	26.0	39	51-80	N/A	Nice aspen site. Some black cherry that should some day make some decent logs. Some clay in soil. White pine and red oak in E/SE part of stand.
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Canopy Species	% Cover	Size Class	DBH	Age
Red Oak	1	Log/XLog	16	
Red Maple	5	Pole	6	
White Pine	1	XLog/Log	18	
Bigtooth Aspen	91	Pole	7	39
Black Cherry	2	Pole	6	

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Low	>20 feet	Sapling

29	42210 - Natural Red Pine	Sawtimber Well	7.6	88	111-140	N/A	Narrow band of natural red pine mixed with some black oak and white pine.
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Canopy Species	% Cover	Size Class	DBH	Age
Red Pine	65	Log/Pole	12	88
White Oak	2	Pole/Log	8	
Black/Red (Hybrid) Oak	20	Log/Pole	12	
White Pine	10	Log/Pole	12	
Red Maple	3	Pole	8	

Sub-Canopy Species	Density	Avg. Height	Size
White Oak	Low	Variable	Sapling
White Pine	Low	5 - 10 feet	Sapling
Red Maple	Low	10 - 20 feet	Sapling
Black/Red (Hybrid) Oak	Low	5 - 10 feet	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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30	42110 - Planted Red Pine	Sawtimber Well	22.0	98	81-110	N/A	
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	30	Log/Pole	12		Black/Red (Hybrid) Oak	Medium	10 - 20 feet	Sapling
Red Pine	68	Log	14	98	Pin Cherry	Low	5 - 10 feet	Sapling
White Oak	1	Log/Pole	13		Red Maple	Medium	10 - 20 feet	Sapling
Black/Red (Hybrid) Oak	1	Log	14		White Oak	Low	10 - 20 feet	Sapling

31	4131 - Aspen, Oak	Sapling Well	77.1	30	Immature	N/A	Areas of good oak regeneration and areas almost solid bigtooth aspen. Stand could possibly be split into a few stands of oak and aspen in the future. Aspen areas are just entering pole timber size.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	20	Sapling/Pole	3		Red Maple	Low	10 - 20 feet	Sapling
Black/Red (Hybrid) Oak	35	Sapling/Pole	4	30	Black/Red (Hybrid) Oak	Low	5 - 10 feet	Sapling
White Pine	1	Sapling/Pole	4		Pin Cherry	Medium	5 - 10 feet	Sapling
Bigtooth Aspen	44	Sapling/Pole	4	30				

32	42110 - Planted Red Pine	Sawtimber Well	54.7	98	51-80	N/A	
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	20	Log/XLog	15		Red Maple	Medium	10 - 20 feet	Sapling
Red Pine	80	Log/Pole/XLog	14	98	Black/Red (Hybrid) Oak	High	10 - 20 feet	Sapling
					White Pine	Low	10 - 20 feet	Sapling
					Black/Red (Hybrid) Oak	Low	>20 feet	Pole
					White Oak	Low	10 - 20 feet	Sapling
					Bigtooth Aspen	Low	10 - 20 feet	Sapling

33	4123 - Red Oak	Sawtimber Well	51.2	98	81-110	N/A	Mixed oak stand with areas of nice red oak. Some areas are made up of lower quality black oak. Stand is on a series of hills and steep ridges. Thinned in 2015 710021501. Western two thirds of the stand was clearcut due to excessive oak wilt pockets and is now a new stand. All red pine was left.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Oak	5	Pole/Log	9		Red Maple	Medium	5 - 10 feet	Sapling
Black/Red (Hybrid) Oak	26	Log/Pole	12		Red Pine	Low	Variable	Sapling
Red Maple	5	Pole/Log	8		White Pine	Low	Variable	Sapling
Red Oak	62	Log/Pole	13	98	White Oak	Medium	Variable	Sapling
Red Pine	2	Log/Pole	12		Witch Hazel	Low	5 - 10 feet	Tall Shrub
					Black/Red (Hybrid) Oak	Low	Variable	Sapling

34	4310 - Pine, Oak Mix	Sawtimber Well	87.5	98	81-110	N/A	Large stand of oak mixed with white pine of multiple age classes. Oak range from low to medium quality black oak. Some pockets of bigtooth aspen.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Pine	2	Log/Pole	13		Red Maple	Medium	10 - 20 feet	Sapling
Black/Red (Hybrid) Oak	48	Log/Pole	13	98	White Pine	Low	Variable	Sapling
Bigtooth Aspen	5	Log/Pole	12		White Oak	Low	Variable	Sapling
White Oak	2	Pole/Log	8		Witch Hazel	Low	5 - 10 feet	Tall Shrub
Red Maple	3	Pole/Log	8					
White Pine	40	Pole/Log	8					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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35	42200 - Natural White Pine	Sawtimber Well	8.5	98	81-110	N/A	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Black/Red (Hybrid) Oak		10	Log/Pole	11		Red Maple	
White Oak		5	Log/Pole	11		Black/Red (Hybrid) Oak	
White Pine		70	Log/Pole	11	98	Pin Cherry	
Red Pine		10	Log/Pole	11		Density	
Red Maple		5	Pole	6		Avg. Height	
						Size	

36	42200 - Natural White Pine	Sawtimber Well	13.5	88	111-140	N/A	White pine stand mixed with some oak.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Black/Red (Hybrid) Oak		19	Log/Pole	10		Red Maple	
White Oak		1	Pole/Log	8		White Pine	
White Pine		75	Log/Pole/XLog	13	88	Density	
Red Pine		5	Log/Pole	12		Avg. Height	
						Size	

37	42200 - Natural White Pine	Sawtimber Medium	2.5	88	1-50	N/A	Overstory pine with a heavy deciduous understory.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Red Pine		15	Log	14		Red Maple	
White Pine		85	Log	15	88	White Pine	
						Black/Red (Hybrid) Oak	
						Red Pine	
						White Oak	

38	4123 - Red Oak	Sawtimber Well	10.2	98	81-110	N/A	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Red Pine		10	Log/Pole	13		Red Maple	
White Oak		5	Log/Pole	11		Pin Cherry	
Red Oak		65	Log/Pole	13	98	Density	
Black/Red (Hybrid) Oak		15	Log/Pole	12		Avg. Height	
Red Maple		5	Pole/Log	8		Size	

39	4130 - Aspen	Poletimber Well	41.1	30	Immature	N/A	The aspen is just barely to pole-sized overall.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Red Maple		8	Sapling/Pole	4		White Pine	
Red Oak		3	Sapling/Pole	4		Red Maple	
Bigtooth Aspen		88	Pole/Sapling	5	30	Pin Cherry	
Red Pine		1	Pole	6		Witch Hazel	
						White Oak	
						Red Pine	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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40	4310 - Pine, Oak Mix	Sawtimber Poor	76.6	91	1-50	N/A	Stand was cut in 2015/2016 710021501. Stand was split off from the eastern 3rd because oak wilt was found and it was more or less seed tree harvested. Red pine, red oak, and some white oak were left which make up the canopy now. The stand is right on the border of featuring the overstory or understory so it might type out different in the future.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Oak	5	Log	13		Black/Red (Hybrid) Oak	Medium	10 - 20 feet	Sapling
White Pine	1	Log/Pole	10		Witch Hazel	Low	10 - 20 feet	Tall Shrub
Red Pine	50	Log/Pole	13	91	Pin Cherry	Low	10 - 20 feet	Sapling
Red Oak	44	Log	14	98	White Pine	Low	Variable	Sapling
					Red Pine	Low	Variable	Sapling
					Red Maple	High	10 - 20 feet	Sapling

41	4199 - Other Mixed Upland Deciduous	Sapling Well	9.8	27	Immature	N/A	Good mix of oak, maple and aspen.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Oak	35	Pole/Sapling	5		Red Maple	Low	Variable	Sapling
Quaking Aspen	23	Sapling/Pole	4		Witch Hazel	Low	5 - 10 feet	Tall Shrub
Red Maple	40	Sapling/Pole	4	27	White Oak	Low	Variable	Sapling
Pin Cherry	2	Sapling/Pole	4					

42	4130 - Aspen	Sapling Well	6.2	27	Immature	N/A	
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen	70	Sapling/Pole	4	27	Pin Cherry	Low	Variable	Sapling
Red Maple	15	Sapling/Pole	4		Witch Hazel	Low	5 - 10 feet	Tall Shrub
Red Oak	15	Pole/Sapling	5	27	Red Maple	Low	Variable	Sapling
					White Oak	Low	Variable	Sapling

43	4130 - Aspen	Poletimber Well	38.8	48	Unspecified	N/A	The southern part of the stand has some blowdown from Labor Day weekend 2018.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen	91	Pole/Log	9	48	Pin Cherry	Low	Variable	Sapling
Black/Red (Hybrid) Oak	4	Pole	7		Red Maple	Low	Variable	Sapling
Red Oak	4	Pole/Log	8		Witch Hazel	Low	5 - 10 feet	Tall Shrub
Red Maple	1	Pole/Sapling	6		White Oak	Low	Variable	Sapling
					Black/Red (Hybrid) Oak	Low	Variable	Sapling

44	310 - Herbaceous Openland	Nonstocked	2.2				CMU tower.
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45	4125 - Black, N. Pin Oak	Poletimber Well	2.5	38	51-80	N/A	
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black/Red (Hybrid) Oak	70	Pole/Sapling	6	38	Pin Cherry	Low	5 - 10 feet	Sapling
Red Maple	25	Pole/Sapling	5		Red Maple	Medium	10 - 20 feet	Sapling
Bigtooth Aspen	5	Pole/Sapling	5					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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46	4125 - Black, N. Pin Oak	Poletimber Well	2.4	38	51-80	N/A	
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black/Red (Hybrid) Oak	90	Pole/Sapling	5	38	Red Maple	Low	5 - 10 feet	Sapling
Red Maple	10	Pole/Sapling	5		Pin Cherry	Medium	5 - 10 feet	Sapling
					Black/Red (Hybrid) Oak	Low	5 - 10 feet	Sapling

47	4125 - Black, N. Pin Oak	Sawtimber Well	91.6	93	51-80	N/A	Stand was thinned in 2006 and 2007. Very heavy red maple understory. A few areas of oak stump sprout regen.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Oak	5	Log/Pole	11		White Pine	Low	Variable	Sapling
Black/Red (Hybrid) Oak	94	Log/Pole	13	93	Witch Hazel	Low	5 - 10 feet	Tall Shrub
White Pine	1	Log/Pole	13		Red Maple	High	10 - 20 feet	Sapling
					Bigtooth Aspen	Low	10 - 20 feet	Sapling
					Black/Red (Hybrid) Oak	Low	5 - 10 feet	Sapling

48	4125 - Black, N. Pin Oak	Poletimber Well	2.3	38	1-50	N/A	
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	30	Pole/Sapling	5		Black/Red (Hybrid) Oak	Low	5 - 10 feet	Sapling
Black/Red (Hybrid) Oak	60	Pole/Sapling	6	38	Witch Hazel	Medium	5 - 10 feet	Tall Shrub
Bigtooth Aspen	10	Pole/Sapling	6		Pin Cherry	Low	5 - 10 feet	Sapling
					Red Maple	Low	5 - 10 feet	Sapling

49	4123 - Red Oak	Sawtimber Medium	26.8	93	51-80	N/A	Oak shelterwood cut 2008. Little to no oak regen present. Mostly red maple understory.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Oak	83	Log/Pole	12	93	Bigtooth Aspen	Low	10 - 20 feet	Sapling
White Oak	2	Log/Pole	13		Red Maple	Full	10 - 20 feet	Sapling
White Pine	15	Log/Pole	11		White Pine	Low	Variable	Sapling
					Witch Hazel	Medium	5 - 10 feet	Tall Shrub
					Pin Cherry	Medium	Variable	Sapling
					White Oak	Low	5 - 10 feet	Sapling
					Black/Red (Hybrid) Oak	Low	10 - 20 feet	Sapling

50	4125 - Black, N. Pin Oak	Sawtimber Well	7.1	98	81-110	N/A	Black oak stand mixed with bigtooth aspen and some pine.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	2	Log/Pole	10		Black/Red (Hybrid) Oak	Low	Variable	Sapling
Red Pine	5	Log/Pole	11		White Pine	Low	Variable	Sapling
Bigtooth Aspen	15	Log/Pole	11		Red Maple	Low	Variable	Sapling
Black/Red (Hybrid) Oak	78	Log/Pole	10	98	Witch Hazel	Low	5 - 10 feet	Tall Shrub
					Red Pine	Low	Variable	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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51	4125 - Black, N. Pin Oak	Sawtimber Well	5.7	103	81-110	N/A	This stand has been passed on because of BMPs. A small creek runs through the middle of it with banks on both sides.
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Canopy Species	% Cover	Size Class	DBH	Age
Bigtooth Aspen	10	Pole/Log	9	
White Oak	5	Log/XLog	15	
Yellow Birch	1	Log	12	
White Pine	5	XLog/Log	22	
Red Maple	10	Log/Pole	13	
Black/Red (Hybrid) Oak	69	Log/XLog	15	103

Sub-Canopy Species	Density	Avg. Height	Size
Tag Alder	Medium	5 - 10 feet	Tall Shrub
Red Maple	High	>20 feet	Sapling
Paper Birch	Low	>20 feet	Sapling

52	4125 - Black, N. Pin Oak	Poletimber Well	8.0	38	51-80	N/A	Multiple square patches of approximately 2 acres in size with varying amounts of red oak, red maple, white pine, and bigtooth aspen.
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Canopy Species	% Cover	Size Class	DBH	Age
Bigtooth Aspen	3	Pole/Sapling	6	
Red Maple	5	Pole/Sapling	5	
Black/Red (Hybrid) Oak	87	Pole/Sapling	6	38
White Pine	5	Pole	7	

Sub-Canopy Species	Density	Avg. Height	Size
Pin Cherry	Low	5 - 10 feet	Sapling
Red Maple	Medium	10 - 20 feet	Sapling
White Pine	Low	10 - 20 feet	Sapling

53	4125 - Black, N. Pin Oak	Poletimber Well	87.6	48	81-110	N/A	Mostly stump sprout oak with some maple mixed in.
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Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	2	Pole/Sapling	5	
Black/Red (Hybrid) Oak	98	Pole/Sapling	6	48

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Low	Variable	Sapling
White Oak	Low	Variable	Sapling

54	4123 - Red Oak	Sawtimber Well	32.3	98	51-80	N/A	Stand was species thinned approx mid 80's to mid 90's and had red maple and aspen removed. Some nice red oak present. Red maple understory. Thinned in 2015 71-002-15-01
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Canopy Species	% Cover	Size Class	DBH	Age
Red Oak	95	Log/Pole	12	98
White Pine	1	Pole/Log	9	
Red Maple	4	Pole/Sapling	5	

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	High	10 - 20 feet	Sapling
Pin Cherry	Low	5 - 10 feet	Sapling
White Pine	Low	Variable	Sapling
Witch Hazel	Medium	5 - 10 feet	Tall Shrub
Red Maple	Low	>20 feet	Pole
White Pine	Low	>20 feet	Pole

55	4112 - Maple, Beech, Cherry Association	Poletimber Well	3.7	38	1-50	N/A	
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Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	92	Pole/Sapling	5	38
Black/Red (Hybrid) Oak	8	Pole/Sapling	6	38

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



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments	
56	4125 - Black, N. Pin Oak	Poletimber Well	2.5	38	51-80	N/A		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen	5	Pole/Sapling	5		Pin Cherry	Low	5 - 10 feet	Sapling
Red Maple	2	Pole/Sapling	5		Black/Red (Hybrid) Oak	Low	10 - 20 feet	Sapling
Black/Red (Hybrid) Oak	93	Pole/Sapling	6	38	White Oak	Low	Variable	Sapling
					Red Maple	Low	10 - 20 feet	Sapling
57	4130 - Aspen	Poletimber Well	2.4	38	51-80	N/A	There are some log sized aspen that must have been left when it was cut.	
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	30	Pole/Sapling	5		Pin Cherry	Low	5 - 10 feet	Sapling
Bigtooth Aspen	70	Pole/Sap/Log	6	38	Red Maple	Medium	10 - 20 feet	Sapling
58	4130 - Aspen	Poletimber Well	1.9	38	51-80	N/A		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black/Red (Hybrid) Oak	5	Pole	6		Pin Cherry	Low	5 - 10 feet	Sapling
Bigtooth Aspen	90	Pole/Sapling	6	38	White Pine	Low	Variable	Sapling
Red Maple	5	Pole/Sapling	5		Red Maple	Medium	10 - 20 feet	Sapling
					Serviceberry (Juneberry)	Low	5 - 10 feet	Tall Shrub
					White Pine	Low	>20 feet	Pole
59	4125 - Black, N. Pin Oak	Poletimber Well	2.3	38	51-80	N/A		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black/Red (Hybrid) Oak	88	Pole/Sapling	5	38	Pin Cherry	Low	5 - 10 feet	Sapling
Bigtooth Aspen	2	Pole/Sapling	5		Red Maple	Medium	>20 feet	Sapling
Red Maple	10	Pole/Sapling	5					
60	4199 - Other Mixed Upland Deciduous	Poletimber Well	2.5	38	51-80	N/A		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	55	Pole/Sapling	5	38	Witch Hazel	Medium	5 - 10 feet	Tall Shrub
Bigtooth Aspen	5	Pole/Sapling	5		Red Maple	High	10 - 20 feet	Sapling
Black/Red (Hybrid) Oak	40	Pole/Sapling	5					
61	4199 - Other Mixed Upland Deciduous	Sapling Well	45.9	18	Immature	N/A		
Canopy Species	% Cover	Size Class	DBH	Age				
Pin Cherry	5	Sapling	2					
White Oak	1	Sapling/Pole	3					
Bigtooth Aspen	35	Sapling	3	18				
Black/Red (Hybrid) Oak	25	Sapling	2					
Red Maple	34	Sapling	2	18				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																						
62	4139 - Aspen, Mixed Deciduous	Sapling Well	19.2	22	Immature	N/A	North half is mostly maple, south half is mostly aspen.																																						
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63	4130 - Aspen	Poletimber Well	19.6	57	Unspecified	N/A																																							
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64	4130 - Aspen	Sapling Well	23.8	4	Immature	N/A	Portion of stand was cut in the fall of 2019 which was the oak wilt buffer. It sat for a while and was then finished up in 2020.																																						
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65	4199 - Other Mixed Upland Deciduous	Sapling Well	23.9	22	Immature	N/A	Better soils resulting in more maple and aspen than oak. Most of the oak is concentrated on the northwest part of the stand which is a south facing slope.																																						
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66	4131 - Aspen, Oak	Poletimber Well	19.6	57		N/A	Small diameters for age class. Bigtooth diameters are higher in the south end 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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67	4125 - Black, N. Pin Oak	Sapling Well	23.7	22	Immature	N/A	
Canopy Species		% Cover	Size Class	DBH	Age		
Red Maple		23	Sapling	2			
Black Cherry		2	Sapling	3			
Red Oak		2	Sapling/Pole	4			
Bigtooth Aspen		8	Sapling/Pole	3			
Black/Red (Hybrid) Oak		60	Sapling/Pole	3	22		
White Oak		5	Sapling	3			

68	710 - Sand, Soil	Nonstocked	2.7		Immature	No	A sand bowl depression with steep sidewalls. It has a high amount of illegal ORV traffic creating a scramble area in the bottom and numerous eroding hill climbs up the slopes.
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69	4130 - Aspen	Poletimber Well	12.0	57		N/A	Some steep slopes.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Oak		15	Pole/Log	8		Red Maple	Low	>20 feet	Sapling
Bigtooth Aspen		83	Pole/Log/Sap	7	57	Black/Red (Hybrid) Oak	Trace	Variable	Sapling
White Pine		1	Log/Pole	11		White Oak	Low	Variable	Sapling
Red Pine		1	Pole/Log	9		White Pine	Trace	Variable	Sapling
						Witch Hazel	Medium	5 - 10 feet	Tall Shrub
						Red Pine	Low	10 - 20 feet	Sapling

70	4199 - Other Mixed Upland Deciduous	Sapling Medium	22.9	4	Immature	N/A	Stand final harvest in spring/summer 2019.
Canopy Species		% Cover	Size Class	DBH	Age		
Red Maple		20	Sapling	1	4		
Black/Red (Hybrid) Oak		25	Sapling	1	4		
Pin Cherry		25	Sapling	1	4		
Bigtooth Aspen		30	Sapling	1	4		

71	710 - Sand, Soil	Nonstocked	1.7		Immature	No	Sand bowl with steep slopes. Has not been damaged by illegal ORV usage as the one to the east.
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72	122 - Road/Parking Lot	Nonstocked	1.6			No	
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73	4125 - Black, N. Pin Oak	Sawtimber Well	27.5	95	81-110	N/A	Thinned in 2000. This stand is bound by M-55 on the north and Emery Road on the west. More or less pie shaped with a long narrow finger to the east that is sloped.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black/Red (Hybrid) Oak		85	Log/Pole/XLog	14	95	Bigtooth Aspen	High	>20 feet	Sapling
White Oak		15	Log/Pole	13		Black/Red (Hybrid) Oak	Low	5 - 10 feet	Sapling
						Red Maple	Medium	10 - 20 feet	Sapling
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																							
74	4125 - Black, N. Pin Oak	Poletimber Well	80.3	48	81-110	N/A	Mixed stand with some areas dominated by oak, and some dominated by aspen. There is a small patch of red pine on the far east side. Rolling hills.																																																							
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77	4125 - Black, N. Pin Oak	Sawtimber Well	5.1	95	111-140	N/A	Mature oak and aspen stand on the corner of two main travel routes. Maple is coming in the sub and mid-canopies. If harvested, it will probably convert to more maple than aspen.																																																							
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78	310 - Herbaceous Openland	Nonstocked	0.7	0		No	Looks like an old gravel pit.																																																							



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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79 4125 - Black, N. Pin Oak Poletimber Well 14.5 48 51-80 N/A Mix of pockets of oak and maple . Fairly open understory.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	30	Pole/Sapling	5	48	Witch Hazel	Low	5 - 10 feet	Tall Shrub
White Oak	5	Pole/Sapling	6		Red Maple	Low	Variable	Sapling
Black/Red (Hybrid) Oak	55	Pole/Log/Sap	7	48	Black/Red (Hybrid) Oak	Low	Variable	Sapling
Bigtooth Aspen	10	Pole	7	48				

80 4199 - Other Mixed Upland Deciduous Sapling Well 12.2 22 Immature N/A Most of the stand is maple with oak mixed in. The majority of the aspen is in one clone at the northeast corner.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Oak	5	Sapling	2		Witch Hazel	Medium	10 - 20 feet	Tall Shrub
Black/Red (Hybrid) Oak	20	Sapling	2		White Oak	Low	5 - 10 feet	Sapling
Red Maple	50	Sapling	3	22				
Bigtooth Aspen	25	Sapling/Pole	4	22				

81 4130 - Aspen Sawtimber Well 75.6 48 N/A The northern parts of the stand have slightly smaller diameters.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	2	Pole	6		White Oak	Low	Variable	Sapling
Red Oak	5	Pole/Log	9		Red Maple	Medium	>20 feet	Sapling
Black/Red (Hybrid) Oak	2	Pole	7		White Pine	Trace	Variable	Sapling
Bigtooth Aspen	91	Log/Pole	10	48	Red Maple	Low	>20 feet	Pole

82 4125 - Black, N. Pin Oak Poletimber Well 10.3 48 51-80 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	7	Pole/Sapling	6		Witch Hazel	Low	5 - 10 feet	Tall Shrub
Black/Red (Hybrid) Oak	89	Pole	7	48	Black/Red (Hybrid) Oak	Low	Variable	Sapling
White Oak	2	Pole/Sapling	5		Red Maple	Low	Variable	Sapling
Bigtooth Aspen	2	Pole	5					

83 4199 - Other Mixed Upland Deciduous Sapling Medium 8.6 5 1-50 N/A Final harvested in spring 2019. Most white oak were left. Lots of oak just under 3 feet that will be considered canopy the next time this is inventoried.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	43	Sapling	1	5
Pin Cherry	5	Sapling	1	
White Oak	5	Sapling	1	
Black/Red (Hybrid) Oak	44	Sapling	1	5
White Oak	3	Log/Pole	13	

84 4130 - Aspen Poletimber Well 48.0 48 Unspecified N/A Good quality bigtoothed aspen.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Oak	8	Pole/Log	8		Red Maple	Medium	>20 feet	Sapling
Red Maple	5	Pole/Sapling	5		Witch Hazel	Low	5 - 10 feet	Tall Shrub
Bigtooth Aspen	87	Pole/Log	8	48				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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85 4130 - Aspen Poletimber Well 48.6 48 Unspecified N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen	90	Pole/Log	8	48	Red Maple	Low	>20 feet	Sapling
Black/Red (Hybrid) Oak	10	Pole/Log	8		Black/Red (Hybrid) Oak	Low	Variable	Sapling
					Witch Hazel	Low	5 - 10 feet	Tall Shrub
					White Oak	Low	Variable	Sapling

86 4131 - Aspen, Oak Poletimber Well 22.0 48 N/A Lots of oak mixed in. Aspen is poor quality.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Oak	22	Pole/Log	9		Red Maple	Medium	Variable	Sapling
Bigtooth Aspen	50	Pole	7	48	Black/Red (Hybrid) Oak	Low	Variable	Sapling
Black/Red (Hybrid) Oak	26	Pole/Log/Sap	7					
Red Maple	2	Pole/Sapling	6					

87 4125 - Black, N. Pin Oak Poletimber Well 18.0 48 51-80 N/A Poorer quality soils. Possible area of heavier slash when the wildfire occurred years ago.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	5	Pole/Sapling	5		Black/Red (Hybrid) Oak	Low	Variable	Sapling
Bigtooth Aspen	10	Pole/Sapling	5		White Oak	Low	Variable	Sapling
White Oak	2	Pole/Sapling	6					
Black/Red (Hybrid) Oak	83	Pole/Sapling	7	48				

88 4130 - Aspen Poletimber Well 17.9 48 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black/Red (Hybrid) Oak	10	Pole/Log	8		Black/Red (Hybrid) Oak	Low	Variable	Sapling
Red Maple	1	Pole/Sapling	5		White Pine	Trace	Variable	Sapling
Red Pine	1	Pole/Log	9		Red Pine	Trace	>20 feet	Pole
Bigtooth Aspen	88	Pole/Log/Sap	7	48	Red Maple	Low	Variable	Sapling

89 330 - Low-Density Trees Nonstocked 1.9 Immature No Shallow bowl.

90 42220 - Natural Jack Pine Poletimber Medium 0.1 54 1-50 N/A

Canopy Species	% Cover	Size Class	DBH	Age
Black/Red (Hybrid) Oak	3	Pole	6	
Jack Pine	91	Pole/Log/Sap	7	54
Quaking Aspen	1	Pole	7	
White Pine	5	Log/Pole	12	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																															
91	4125 - Black, N. Pin Oak	Poletimber Well	14.0	53	81-110	N/A	Old fire plow lines crisscross all over this stand.																																															
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92	4130 - Aspen	Sapling Well	56.3	13	Immature	N/A	Sale was final harvested Spring 2011 under sale #71-032-09-01. All single stemmed oak over 6 inches were left. In many areas the aspen has overtopped the other species making them more of an understory component.																																															
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93	4131 - Aspen, Oak	Poletimber Well	16.9	48		N/A	Smaller diameter aspen with more oak/maple component than the surrounding stands.																																															
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94	42220 - Natural Jack Pine	Poletimber Well	4.4	48		N/A	Jack pine with some oak and aspen especially on the edges as the stand transitions to the surrounding stand.																																															
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95	4139 - Aspen, Mixed Deciduous	Sapling Medium	13.2	4	Immature	N/A	Final harvested in the 2020. Had tops spread in the illegal hill climb locations but they have moved the slash and/or driven over it enough that they are opened back up.																																															
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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96	4121 - Oak, Aspen	Poletimber Well	76.1	48	81-110	N/A	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Bigtooth Aspen		35	Pole	7	48	White Oak	
White Oak		1	Pole/Log	8		Low	
Black/Red (Hybrid) Oak		25	Pole	7		Variable	
Red Maple		3	Pole/Sapling	6	48	Sapling	
Red Oak		36	Pole/Log	8	48		

97	4125 - Black, N. Pin Oak	Poletimber Well	22.5	48	1-50	N/A	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Red Pine		1	Log/Pole	11		White Oak	
White Oak		3	Pole/Sapling	6		Low	
Black/Red (Hybrid) Oak		86	Pole/Sapling	6	48	Variable	
Bigtooth Aspen		10	Pole	6	48	Sapling	

98	4130 - Aspen	Poletimber Well	65.7	48		N/A	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Red Oak		10	Pole/Log	8		White Oak	
Black/Red (Hybrid) Oak		9	Pole/Sapling	7		Low	
Red Maple		1	Pole/Sapling	6		10 - 20 feet	
Bigtooth Aspen		80	Pole	6	48	Red Maple	
						Low	
						>20 feet	
						Sapling	

99	4125 - Black, N. Pin Oak	Poletimber Well	61.2	48	51-80	N/A	Mostly stump sprout oak.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Black/Red (Hybrid) Oak		85	Pole	7	48	White Oak	
White Oak		5	Pole/Sapling	6		Low	
Bigtooth Aspen		10	Pole/Sapling	6		10 - 20 feet	

100	4130 - Aspen	Poletimber Well	20.0	48		N/A	Nice aspen stand with only a light oak component.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Bigtooth Aspen		98	Pole/Log/Sap	8	48	Black/Red (Hybrid) Oak	
Black/Red (Hybrid) Oak		2	Pole	8		Low	
						Variable	
						Sapling	
						White Oak	
						Low	
						Variable	
						Sapling	
						Pin Cherry	
						Low	
						5 - 10 feet	
						Sapling	

101	4130 - Aspen	Poletimber Well	23.9	48		N/A	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Bigtooth Aspen		83	Pole/Log	8	48	Pin Cherry	
Black/Red (Hybrid) Oak		10	Pole/Log/Sap	7		Low	
Quaking Aspen		7	Pole	7		Variable	
						Sapling	
						White Oak	
						Low	
						Variable	
						Sapling	
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						Low	
						Variable	
						Sapling	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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102	4131 - Aspen, Oak	Poletimber Well	74.9	48		N/A	Mixed stand of oak and aspen with variable quality throughout. In the future the stand could possibly be split into two stands of areas dominated by aspen and areas dominated by oak.
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Canopy Species	% Cover	Size Class	DBH	Age
White Oak	1	Pole/Sapling	6	
Bigtooth Aspen	45	Pole/Log/Sap	7	48
Black/Red (Hybrid) Oak	25	Pole	7	
Red Oak	29	Pole/Log	9	

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Low	>20 feet	Sapling
Black/Red (Hybrid) Oak	Low	Variable	Sapling
Witch Hazel	Low	5 - 10 feet	Tall Shrub

103	4199 - Other Mixed Upland Deciduous	Sapling Well	19.8	24	Immature	N/A	Aspen clone in the middle of the oak. Good oak regeneration.
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Canopy Species	% Cover	Size Class	DBH	Age
Bigtooth Aspen	25	Sapling/Pole	4	
Jack Pine	15	Sapling/Pole	4	
White Oak	10	Sapling	2	
Black Cherry	2	Sapling/Pole	3	
Black/Red (Hybrid) Oak	48	Sapling/Pole	3	24

104	4131 - Aspen, Oak	Poletimber Well	11.4	48	51-80	N/A	This stand is a ridge with two vallies with steep side slopes on either side. Mix of aspen and oak. Very poor site quality with very little size for the age.
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Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	1	Pole/Sapling	5	
White Oak	1	Pole/Sapling	6	
Black/Red (Hybrid) Oak	49	Pole/Sapling	6	48
Bigtooth Aspen	49	Pole/Sapling	6	48

Sub-Canopy Species	Density	Avg. Height	Size
Black/Red (Hybrid) Oak	Low	Variable	Sapling

105	4123 - Red Oak	Sawtimber Well	18.9	103	111-140	N/A	Thinned in 1992. Heavy red maple understory.
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Canopy Species	% Cover	Size Class	DBH	Age
White Oak	2	Log/Pole	12	
Red Maple	3	Pole/Sap/Log	7	
Red Oak	95	Log/Pole/XLog	14	103

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

106	310 - Herbaceous Openland	Nonstocked	10.5			No	Frost pocket with mostly grass and some sweetfern.
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Sub-Canopy Species	Density	Avg. Height	Size
Black/Red (Hybrid) Oak	Low	>20 feet	Pole
Pin Cherry	Low	>20 feet	Pole

107	4310 - Pine, Oak Mix	Poletimber Well	9.6	53	81-110	N/A	South half of has more oak amd north half has more pine.
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Canopy Species	% Cover	Size Class	DBH	Age
Black/Red (Hybrid) Oak	47	Pole/Sap/Log	7	53
Bigtooth Aspen	2	Pole	7	
White Oak	1	Pole/Sapling	6	
Red Maple	2	Pole/Sapling	6	
Black Cherry	1	Pole/Sapling	5	
White Pine	47	Log/Pole	13	

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Low	Variable	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																						
108	4130 - Aspen	Sapling Well	5.2	13	Immature	N/A	Final harvested Spring 2011 under sale 71-001-09. A wildfire burned through the western portion of this stand in May of 2019.																																						
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109	4123 - Red Oak	Sawtimber Well	18.0	103	81-110	N/A	Thinned spring 2011. Heavy red maple understory. A wildfire burned through the eastern portion of this stand in spring 2019. All the oak regeneration is on the west side of Dunham Lake Road.																																						
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110	4125 - Black, N. Pin Oak	Poletimber Well	4.4	48	81-110	N/A	Mostly stump sprout oak with some maple mixed in.																																						
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111	4199 - Other Mixed Upland Deciduous	Sapling Well	5.1	22	Immature	N/A	Mostly maple with some aspen clones. There is a narrow gauge railroad bed that bisects the stand. Some small open spaces mixed in as well.																																						
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112	4130 - Aspen	Poletimber Well	2.6	22	Immature	N/A	A lot of the red maple is overtopped and in the sub canopy now. There is a skinny strip of mature timber between the communications line and the road.																																						
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113	4130 - Aspen	Sapling Well	10.7	5	Immature	N/A	Final harvest in the spring of 2019.																																						
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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114	4130 - Aspen	Poletimber Well	58.5	50	141-170	N/A	The site quality is slightly better in this stand. It is mostly bigtooth aspen with a mix of oak and red maple. The very northern part of the stand has a pocket of blow down.
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Canopy Species	% Cover	Size Class	DBH	Age
Black Cherry	1	Pole/Sapling	6	
White Pine	1	Log	14	
Quaking Aspen	1	Log/Pole	12	
Black/Red (Hybrid) Oak	2	Pole/Log/Sap	7	
Red Maple	5	Pole/Sap/Log	6	
Bigtooth Aspen	83	Pole/Log	9	50
Red Oak	7	Pole/Log	8	

Sub-Canopy Species	Density	Avg. Height	Size
White Oak	Trace	5 - 10 feet	Sapling
Red Maple	Low	>20 feet	Pole
Serviceberry (Juneberry)	Trace	Variable	Tall Shrub
Red Maple	Medium	>20 feet	Sapling

115	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	5.7	51	51-80	N/A	Small oak and white pine stand, much of the white pine is open grown. Dispersed camp site.
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Canopy Species	% Cover	Size Class	DBH	Age
White Oak	3	Pole/Sapling	6	
White Pine	38	Log/Pole	13	
Bigtooth Aspen	2	Pole	7	
Pin Cherry	2	Sapling/Pole	4	
Black/Red (Hybrid) Oak	55	Pole/Sap/Log	7	51

Sub-Canopy Species	Density	Avg. Height	Size
White Pine	Low	< 5 feet	Sapling

116	4125 - Black, N. Pin Oak	Poletimber Well	5.3	52	111-140	N/A	Oak mixed with aspen and maple, pole sized overall. The oak is currently dominating the red maple.
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Canopy Species	% Cover	Size Class	DBH	Age
White Oak	2	Pole/Log	8	
Bigtooth Aspen	20	Pole	7	
Black/Red (Hybrid) Oak	63	Pole/Log	8	52
Red Maple	15	Pole/Sapling	5	

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Medium	>20 feet	Sapling

117	4125 - Black, N. Pin Oak	Sawtimber Well	6.0	107	111-140	N/A	Mature oak stand. There is a moderate understory with dense red maple in places.
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Canopy Species	% Cover	Size Class	DBH	Age
Black/Red (Hybrid) Oak	92	Log/Pole/XLog	15	107
White Pine	1	Log/Pole	10	
White Oak	7	Log/Pole	12	

Sub-Canopy Species	Density	Avg. Height	Size
White Pine	Trace	Variable	Sapling
Red Maple	Medium	Variable	Sapling
Black/Red (Hybrid) Oak	Low	Variable	Sapling
White Oak	Low	Variable	Sapling

118	4130 - Aspen	Poletimber Well	9.2	32	81-110	N/A	Aspen stand that was cut in 1992.
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Canopy Species	% Cover	Size Class	DBH	Age
Bigtooth Aspen	93	Pole	7	32
Red Maple	5	Pole/Sapling	5	
Black Cherry	2	Pole	6	

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



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																			
119	4123 - Red Oak	Sawtimber Well	19.5	107	81-110	N/A	Red oak stand that was thinned in the winter of 2010-2011. Heavy red maple understory. It looks like the southeastern portion of the stand was left out of the timber sale.																																																			
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120	330 - Low-Density Trees	Nonstocked	2.1		Unspecified	No	Small frost pocket with scattered cherry saplings and poles.																																																			
121	4131 - Aspen, Oak	Sawtimber Well	53.9	51	111-140	N/A																																																				
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123	4199 - Other Mixed Upland Deciduous	Poletimber Poor	2.9	35	1-50	N/A	Frost pocket.																																																			
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Jack Pine	15	Pole/Sapling	7																																																							
124	4130 - Aspen	Sawtimber Well	57.8	53	111-140	N/A	Aspen stand with pockets of oak and a red maple understory.																																																			
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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125 42200 - Natural White Pine Sawtimber Well 2.5 85 201+ N/A Small, natural white pine stand on a slope bordering a bog.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	97	Log/Pole/XLog	14	85	Serviceberry (Juneberry)	Low	Variable	Tall Shrub
Black/Red (Hybrid) Oak	3	Pole/Sap/Log	7		Black Cherry	Low	Variable	Sapling

126 629 - Mixed non-forested wetland Nonstocked 19.7 No

127 6225 - Bog Nonstocked 3.5 No

128 4130 - Aspen Sawtimber Well 57.5 50 111-140 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen	15	Log/Pole	10		Red Maple	Low	Variable	Sapling
Black Cherry	1	Pole	7		White Oak	Low	Variable	Sapling
White Pine	1	Pole/Log	8		Serviceberry (Juneberry)	Low	Variable	Tall Shrub
Red Maple	2	Pole/Sapling	6		Pin Cherry	Low	Variable	Sapling
Black/Red (Hybrid) Oak	15	Pole/Log	8					
Paper Birch	1	Pole	8					
Quaking Aspen	65	Log/Pole	10	50				

129 4130 - Aspen Sapling Well 154.1 7 Immature N/A Final harvested summer 2017.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen	89	Sapling	1	7	Witch Hazel	Low	< 5 feet	Tall Shrub
Black/Red (Hybrid) Oak	8	Sapling	1	7				
Pin Cherry	2	Sapling	1					
Red Maple	1	Sapling	1	7				

130 6121 - Tamarack Sawtimber Medium 6.3 95 N/A Small lowland stand of tamarack and alder.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Tamarack	100	Log/Pole	11	95	Tag Alder	Full	Variable	Tall Shrub

131 4131 - Aspen, Oak Poletimber Well 5.9 36 N/A Mixed aspen and oak stand that is just barely to pole size overall. The southern part of this stand has a pocket of mature timber in it that was probably left from the last harvest.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	25	Pole/Sapling	6	36	Black/Red (Hybrid) Oak	Low	10 - 20 feet	Sapling
Bigtooth Aspen	25	Pole/Sapling	5	36	Witch Hazel	Low	5 - 10 feet	Tall Shrub
Black/Red (Hybrid) Oak	43	Sapling/Pole	4	36	White Oak	Low	10 - 20 feet	Sapling
White Oak	5	Sapling/Pole	4					
Black Cherry	2	Pole/Sapling	5					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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132	4130 - Aspen	Poletimber Well	80.3	49	81-110	N/A	Pole sized aspen with oak mixed in. There are pockets of aspen decline. Lower end of site quality.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
White Oak		2	Pole/Log/Sap	7		Witch Hazel		Trace	5 - 10 feet	Tall Shrub
Bigtooth Aspen		40	Pole/Log	9	49	Black/Red (Hybrid) Oak		Low	Variable	Sapling
Black/Red (Hybrid) Oak		7	Pole	7		Red Maple		Low	Variable	Sapling
Black Cherry		1	Pole/Sapling	6		White Oak		Low	Variable	Sapling
Quaking Aspen		50	Pole/Log	8	49	Pin Cherry		Low	Variable	Sapling

133	330 - Low-Density Trees	Nonstocked	4.8		Unspecified	No	Scattered cherry, jack pine, and grass.
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134	4130 - Aspen	Sapling Well	106.8	7	Immature	N/A	Final harvest summer 2017.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Black/Red (Hybrid) Oak		3	Sapling	1		Witch Hazel		Low	5 - 10 feet	Tall Shrub
Pin Cherry		10	Sapling	1						
Red Maple		12	Sapling	1	7					
Bigtooth Aspen		75	Sapling	1	7					

135	4121 - Oak, Aspen	Poletimber Well	106.6	52	51-80	N/A	Pole sized upland oak mixed with aspen.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Bigtooth Aspen		15	Pole/Log	8		Black Cherry		Low	Variable	Sapling
Quaking Aspen		15	Pole/Log	8		White Oak		Low	Variable	Sapling
White Oak		2	Pole/Log/Sap	7		Black/Red (Hybrid) Oak		Low	Variable	Sapling
Black/Red (Hybrid) Oak		68	Pole/Log/Sap	7	52					

136	310 - Herbaceous Openland	Nonstocked	7.4			Managed Opening	
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137	4131 - Aspen, Oak	Sapling Well	30.3	17	Immature	N/A	This stand was cut in 2007 as a part of C.J. Oak 71-009-06, the white oak canopy trees were left. It has regenerated fully to aspen, oak, and maple.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Black/Red (Hybrid) Oak		10	Sapling	2		Witch Hazel		Low	5 - 10 feet	Tall Shrub
Bigtooth Aspen		65	Sapling	3	17					
White Oak		3	Sapling	1						
Red Maple		10	Sapling	2						
White Oak		7	Log/Pole	11						
Pin Cherry		5	Sapling	2						



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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138 4125 - Black, N. Pin Oak Sawtimber Well 10.3 106 111-140 N/A Small, mature black/red oak stand of moderate quality. This stand seems to have had no previous management and is surrounded by pole sized oak and aspen stands. It is an island of mature trees and is good for diversity.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen	3	Log/Pole	10		White Oak	Low	Variable	Sapling
Black/Red (Hybrid) Oak	93	Log/Pole	12	106	Red Maple	Low	>20 feet	Sapling
White Oak	2	Pole/Log	8		Witch Hazel	Low	5 - 10 feet	Tall Shrub
Red Maple	2	Pole	6					

139 6120 - Lowland Cedar Poletimber Well 2.9 90 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Northern White Cedar	90	Pole/Log	8	90	Tag Alder	Medium	5 - 10 feet	Tall Shrub
Red Maple	2	Pole/Sapling	5		Balsam Fir	Low	Variable	Sapling
Black Spruce	5	Pole/Sapling	6		Black Spruce	Low	Variable	Sapling
Paper Birch	3	Sapling	3					

140 4125 - Black, N. Pin Oak Poletimber Well 31.1 51 51-80 N/A Pole sized oak mixed with aspen. The density is variable.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	15	Pole/Log	8		White Pine	Low	Variable	Sapling
Bigtooth Aspen	10	Pole/Log	9		Black Cherry	Medium	Variable	Sapling
White Oak	3	Pole/Sap/Log	7		Witch Hazel	Low	Variable	Tall Shrub
Black/Red (Hybrid) Oak	63	Pole/Log/Sap	7	51	Willow spp.	Low	5 - 10 feet	Tall Shrub
White Pine	2	Pole/Log/Sap	7		Black/Red (Hybrid) Oak	Low	Variable	Sapling
Black Cherry	7	Pole/Sapling	6		Serviceberry (Juneberry)	Low	Variable	Sapling

141 3102 - Grass Nonstocked 1.5 Managed Opening

142 6120 - Lowland Cedar Poletimber Well 12.5 114 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	15	Pole/Sapling	5		Balsam Fir	High	Variable	Sapling
Black Spruce	10	Pole/Log	8		Black Spruce	Low	Variable	Sapling
Tamarack	10	Pole/Log/Sap	7		Tag Alder	Low	Variable	Tall Shrub
Northern White Cedar	63	Log/Pole	12	114				
Red Maple	1	Log/Pole	12					
White Pine	1	XLog	30					

143 42200 - Natural White Pine Sawtimber Medium 5.2 131 81-110 N/A Mature white pine stand with a dense understory. Overstory density is variable.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	25	Log/Pole	13		Balsam Fir	High	Variable	Sapling
Red Maple	5	Log/Pole	13		White Pine	Medium	Variable	Sapling
White Pine	70	XLog	22	131	Red Maple	Low	Variable	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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144	6224 - Treed Bog	Nonstocked	18.9		Unspecified	No	
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145	500 - Water	Nonstocked	1.6		Immature	No	
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146	6130 - Fir, Aspen, Maple	Sapling Well	11.0	50	51-80	N/A	Lowland stand mostly balsam fir mixed with maple and aspen.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	45	Sapling/Pole	4	50	Red Maple	Low	Variable	Sapling
Red Maple	10	Log	12		Quaking Aspen	Low	Variable	Sapling
Red Maple	25	Sapling/Pole	4		Balsam Fir	High	Variable	Sapling
Quaking Aspen	15	Pole/Sapling	6					
Paper Birch	5	Sapling/Pole	4					

147	4125 - Black, N. Pin Oak	Poletimber Well	35.1	52	81-110	N/A	Pole sized oak mixed with aspen and red maple.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	7	Pole/Sapling	5		White Oak	Low	Variable	Sapling
Quaking Aspen	10	Pole/Log	8		Witch Hazel	Low	< 5 feet	Tall Shrub
Bigtooth Aspen	6	Pole/Log	8		Red Maple	Low	Variable	Sapling
White Oak	7	Pole	7		White Pine	Low	Variable	Sapling
Black/Red (Hybrid) Oak	70	Pole/Sap/Log	7	52	Black Cherry	Low	Variable	Sapling

148	310 - Herbaceous Openland	Nonstocked	3.9			Managed Opening	
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151	4130 - Aspen	Poletimber Well	43.8	40	51-80	N/A	Poor quality pole sized quaking aspen mixed with oak and cherry. Variable in size as some areas have log sized aspen and some areas are all sapling sized.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black/Red (Hybrid) Oak	15	Pole/Sapling	6		Black/Red (Hybrid) Oak	Low	Variable	Sapling
Pin Cherry	5	Pole/Sapling	5		Pin Cherry	Low	Variable	Sapling
Bigtooth Aspen	5	Pole/Log	8					
Quaking Aspen	75	Pole/Sap/Log	6	40				

153	4125 - Black, N. Pin Oak	Sawtimber Well	12.8	105	81-110	N/A	Mature oak and jack pine stand. A fire burned the understory in 1998. The stand is in decline. A lot of the jack pine and some of the oak has died already.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Oak	10	Log/Pole	13		Black/Red (Hybrid) Oak	Low	Variable	Sapling
Bigtooth Aspen	10	Log	15		Pin Cherry	Low	Variable	Sapling
Quaking Aspen	5	Log	14		White Oak	Medium	Variable	Sapling
Black/Red (Hybrid) Oak	60	Log	15	105	Quaking Aspen	Low	Variable	Sapling
Jack Pine	15	Log/Pole	11					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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154 42220 - Natural Jack Pine Poletimber Medium 8.4 54 1-50 N/A

Canopy Species	% Cover	Size Class	DBH	Age
Jack Pine	91	Pole/Log/Sap	7	54
Black/Red (Hybrid) Oak	3	Pole	6	
White Pine	5	Log/Pole	12	
Quaking Aspen	1	Pole	7	

155 3102 - Grass Nonstocked 6.5 No Illegal ORV use. Many areas torn up to sand.

156 4131 - Aspen, Oak Sapling Well 7.9 22 Immature N/A Sapling aspen and oak stand. The aspen is in pockets.

Canopy Species	% Cover	Size Class	DBH	Age
Black/Red (Hybrid) Oak	45	Sapling	2	
Black Cherry	2	Sapling	2	
White Oak	5	Sapling	2	
Bigtooth Aspen	48	Sapling/Pole	3	22

157 4199 - Other Mixed Upland Deciduous Sapling Well 30.3 26 Immature N/A Mixed upland, sapling oak and aspen stand with some areas into pole size. Cut 1998.

Canopy Species	% Cover	Size Class	DBH	Age
Jack Pine	5	Sapling	3	
Black Cherry	10	Sapling/Pole	3	
Bigtooth Aspen	35	Pole/Sapling	5	26
Red Maple	1	Sapling	2	
White Oak	5	Sapling/Pole	2	
Black/Red (Hybrid) Oak	44	Sapling/Pole	3	26

158 4130 - Aspen Sapling Well 11.9 7 Immature N/A final harvested summer 2017.

Canopy Species	% Cover	Size Class	DBH	Age
Bigtooth Aspen	90	Sapling	1	7
White Oak	1	Sapling	1	
Pin Cherry	4	Sapling	1	
Black/Red (Hybrid) Oak	5	Sapling	1	7



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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159 4130 - Aspen Poletimber Well 69.5 49 81-110 N/A Aspen stand with a couple areas dominated by poor quality oak.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen	85	Pole/Log	8	49	Red Maple	Low	>20 feet	Pole
Red Maple	1	Pole	7		Red Maple	Medium	Variable	Sapling
Black/Red (Hybrid) Oak	8	Pole/Log	8		Witch Hazel	Low	5 - 10 feet	Tall Shrub
Quaking Aspen	5	Pole/Log	8		White Oak	Trace	Variable	Sapling
White Oak	1	Pole	7		Pin Cherry	Low	Variable	Sapling
					White Pine	Trace	Variable	Sapling
					Black/Red (Hybrid) Oak	Low	Variable	Sapling

160 3102 - Grass Nonstocked 2.1 0 No Scattered cherry. Dispersed camp site.

161 4130 - Aspen Sapling Well 23.6 7 Immature N/A final harvested summer 2017.

Canopy Species	% Cover	Size Class	DBH	Age
Pin Cherry	2	Sapling	1	
Black/Red (Hybrid) Oak	7	Sapling	1	
Red Maple	5	Sapling	1	
Bigtooth Aspen	86	Sapling	1	7

162 310 - Herbaceous Openland Nonstocked 1.8 0 State police radio tower.

163 710 - Sand, Soil Nonstocked 2.2 Old gravel pit on the Liberty Lodge Property.

164 4123 - Red Oak Sawtimber Well 14.8 109 81-110 N/A Part of the parcel acquired from liberty lodge. Hilly terrain.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	5	Log/Pole	10		Witch Hazel	Trace	5 - 10 feet	Tall Shrub
Black/Red (Hybrid) Oak	45	Log/Pole	11		Pin Cherry	Low	Variable	Sapling
Bigtooth Aspen	1	Log/Pole	11		White Pine	Low	Variable	Sapling
White Oak	1	Pole/Log	9		White Oak	Low	Variable	Sapling
Red Pine	1	Log	14		Red Maple	High	>20 feet	Sapling
Red Oak	47	Log/Pole	13	109				

165 310 - Herbaceous Openland Nonstocked 56.5 0 This stand was cut in fall 2023 for the shooting range project.

166 4123 - Red Oak Sawtimber Well 39.2 98 111-140 N/A Higher quality red oak than the stand to the west.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Oak	100	Log/Pole	13	98	White Pine	Low	Variable	Sapling
					Red Maple	Medium	10 - 20 feet	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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169	42210 - Natural Red Pine	Sawtimber Well	17.2	98	81-110	N/A	Includes a chunk on the western part of the stand of the old liberty lodge property that was acquired. The white pine is in NW part of the stand.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Pine	70	Log/Pole	10	98	White Oak	Low	Variable	Sapling
Black/Red (Hybrid) Oak	20	Log/Pole	10		Red Pine	Low	Variable	Sapling
Bigtooth Aspen	5	Log/Pole	10		Pin Cherry	Low	Variable	Sapling
White Pine	5	Log/Pole	11		White Pine	Low	Variable	Sapling