



Compartment Review Presentation

Atlanta Forest Management Unit

Compartment 54130

Entry Year 2026

Acreage: 1,722

County Presque Isle

Management Area: Presque Isle Lake and Till Plains

Stand Examiner: Daniel Natzke

Legal Description:

T33N-R4E Sections 26-28 & 33-35

Identified Planning Goals:

Management goals in the Presque Isle Lake and Till Plain include balancing age classes of forested stands, producing a steady sustainable harvest of timber, decreasing planted jack pine acreage, increasing planted red pine acreage, and managing wildlife with special attention to habitat for American woodcock, ruffed grouse, golden winged warbler, snowshoe hare, Kirtland's warbler, elk, marten, black bear, wild turkey, and black backed woodpecker.

Soil and topography:

Compartment 130's topography is generally flat to gently rolling with some steeper slopes occurring in the west along Royston Road. The compartment is a roughly even mix of poorly drained lowlands and well-drained uplands.

Fire and wind events about every 1000 years were common major disturbances.

The most common soil in the compartment is Lupton muck. It undergirds the large norther white cedar-dominated wetland in the center of the compartment. Lupton and Tawas mucks tend to grow cedar, tamarack, and black ash when forested. These forests saw stand replacing fires occurring between 500 and 2000 years with very rare surface fires that carried over from drier uplands. Hettinger, Hessel, and Glawe loams and mucky loams have slightly better drainage. These soils typically grow cedar and balsam fir and had a 500-2000 year interval between stand replacing fires with very rare surface fires. Au Gres, Crosswell, losco, and Allendale soils range from somewhat poorly to moderately well drained. Cedar, white pine, hemlock and red maple are common tree species on these soils. The stand-replacing fire return interval ranged from 250-950 years with light surface fires every 140-550 years.

The compartment's richest soils have a proportion of loam that supported beech-hemlock forests before European settlement. Other common tree species growing on East Lake and Cheboygan soils include maple, aspen, oak, balsam fir, and spruce. Stand-replacing fire return intervals in forests on these soils ranged from 1650-6500 years with very rare light surface fires. The well-drained to excessively well-drained sands of the Rubicon soils tended to support pine-hemlock-hardwood stands with pine, birch, and oak in early successional phases and maple and beech in late succession. Stand replacing fire occurred every 250-950 years with surface fires occurring every 140-550 years. The excessively well drained Grayling and Klacking soils featured jack pine barrens and jack pine forest before European contact. Stand replacing fire visited stands on these soils every 10-80 years with frequent surface fires every 2-20 years.

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

Farm lands are to the south and the east; hunting camps are to the north, and state lands are to the west.

Unique Natural Features:

Marl beds and Marl lakes are unique natural features found in this compartment.

Archeological, Historical, and Cultural Features:

There are no archaeological, historical, and cultural features known in this compartment.

Special Management Designations or Considerations:

The compartment does not have any special management designations or considerations.

Watershed and Fisheries Considerations:

The Ocqueoc River flows through the northern part of the compartment. It is possible that the headwaters of the Ocqueoc River are located in the large cedar swamp in the center of the compartment. Half Moon Lake and Marl Bed Lake are within or are adjacent to the compartment in its northwestern corner. The compartment does not contain any cold water streams.

Wildlife Habitat Considerations:

The primary focus of wildlife habitat management will be to address the habitat requirements identified for the listed

featured species. Featured species in this compartment include black bear, ruffed grouse, and white-tailed deer. Based on the selected featured species, some of the most significant wildlife management issues in the management area are the maintenance of young forest; the retention of large, over-mature trees and snags; and the maintenance and expansion of hard-mast and mesic conifer components.

Mineral Resource and Development Concerns and/or Restrictions

No known potential exists for commercial production of metallic minerals in this part of the state. No active sand/gravel operations are known to exist in the area. There may be some potential for sand and/or gravel within the compartment on the uplands, but the compartment might be too far from populated areas (markets) for any aggregate to have much economic value beyond use by the county road commission or DNR for local road maintenance. No known potential exists beneath the compartment for oil & gas from known producing formations. There has been no history of well permitting activity nor oil & gas leasing activity involving State-owned mineral rights in or around the compartment. The State does not own all the mineral rights within the compartment. Because the mineral estate is the dominant estate, reasonable access to the surface must be provided to private owners if they choose to explore or develop their mineral rights.

Vehicle Access:

Vehicle access is reasonable in upland areas. Royston Road makes up the western compartment boundary and small segment of County Road 634 represents the northern boundary. Access in the east may be from CR 634 then south along Huntley Road or from Morrow Road then north along Huntly road. State forest roads branch off of Royston and Huntley Roads. An approximately 200 acre block in the compartment's northwest is cut off by private boundaries, a stream, and the Ocqueoc River. Culverts, crane mats, or portable bridges across the stream may be necessary to access this block.

Survey Needs:

A survey may be necessary for a harvest planned to the east of Royston Road.

Recreational Facilities and Opportunities:

While there are no recreational trails within the compartment, hunting, trapping, fishing, foraging, and wildlife viewing opportunities exist.

Fire Protection:

DNR task forces from Alpena, Atlanta, and Onaway may respond to fires in the compartment along with local volunteer fire departments.

Additional Compartment Information:

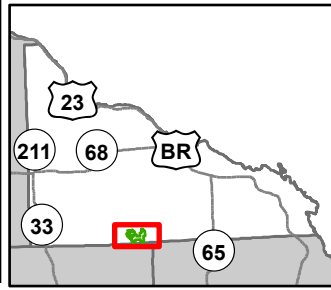
The following reports from the Inventory are attached:

- 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**

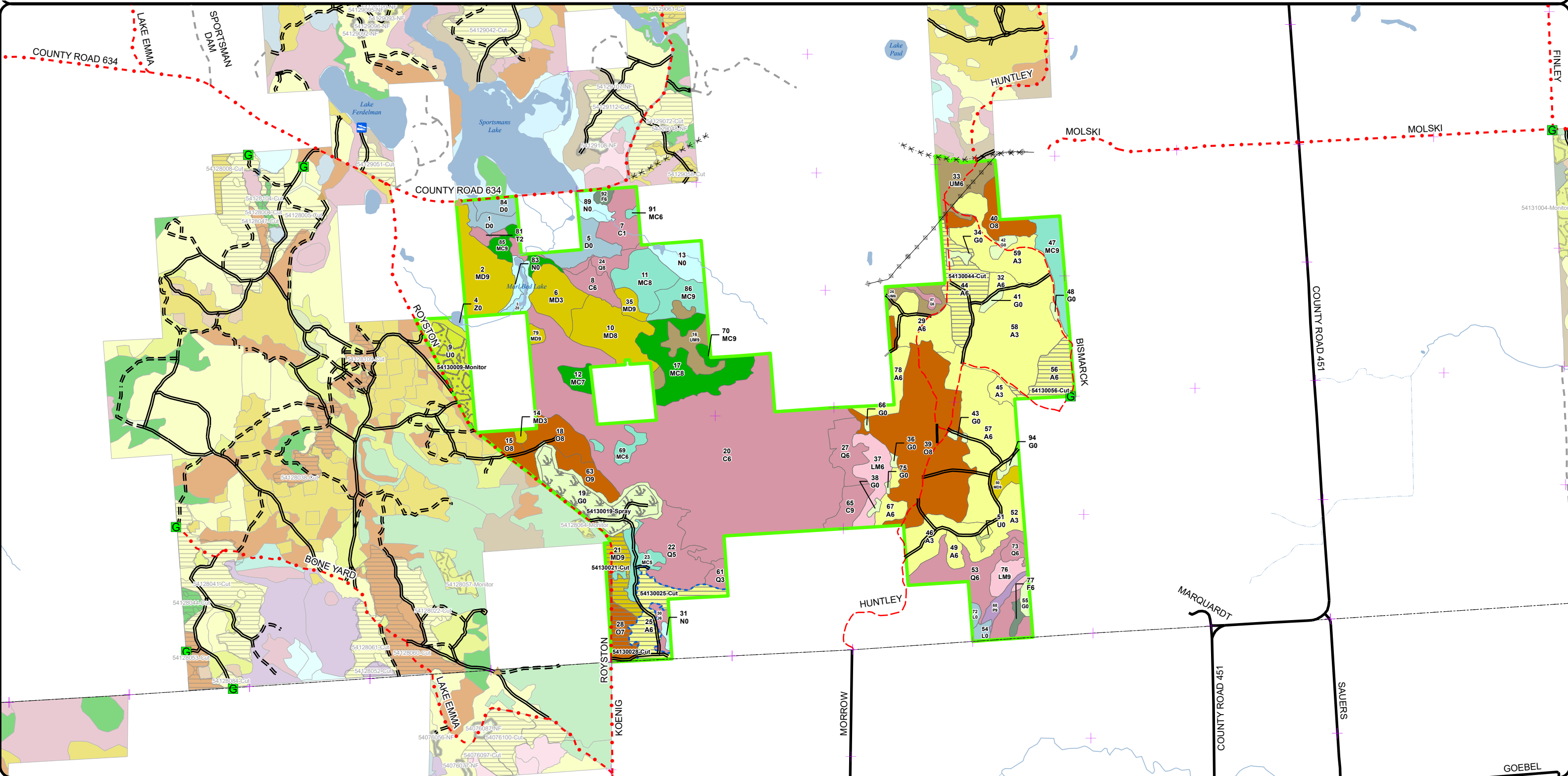
Cover Type & Treatments Map



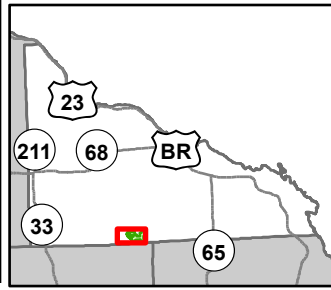
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Compartment: 54130
 T33N, R4E, Sec: 26-28, 33-35
 County: Presque Isle
 Unit: Atlanta
 Mgmt Area: Presque Isle Lake and Till Plains
 YOE: 2026
 Acres: 1722.4 GIS Calculated
 Examiner: Daniel Natzke
 Map Revised: 09/10/2024
 Map Phase: Post Review

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|---|-------------------------------------|-----------------------------------|-----------------------------------|-----------------------------|
| ▲ Berms | --- County - Gravel Road | ⚡ Powerline | ■ 419 - Mixed Upland Deciduous | ■ 310 - Herbaceous Openland |
| ⊠ Gate | - - - County - Dirt Road (Seasonal) | ▭ Compartment Boundary | ■ 422 - Natural Pines | ■ 320 - Upland Shrub |
| ⊠ Boating Access Site | - - - Private - Dirt / Gravel Road | ⊠ Treatments with Site Conditions | ■ 423 - Other Upland Conifers | ■ 330 - Low Density Trees |
| ⊠ Culvert | * * * Abandoned Railroads | ⊠ Pesticide | ■ 429 - Mixed Upland Conifers | ■ 500 - Water |
| ⊠ Remonumented Section Corners | — Intermittent Stream | ▭ Clearcut (w/Reserves) | ■ 430 - Upland Mixed Forest | ■ 622 - Lowland Shrub |
| — DNR - Secondary Forest Road | — Lake/Pond | ⊠ Regeneration Survey | ■ 611 - Lowland Deciduous Forest | ■ 623 - Emergent Wetland |
| == DNR - Forest Access Route | — Perennial River | ■ 412 - Oak Types | ■ 612 - Lowland Coniferous Forest | |
| — Federal / State / County - Paved Road | ■ Lakes and Rivers | ■ 413 - Aspen Types | ■ 613 - Lowland Mixed Forest | |



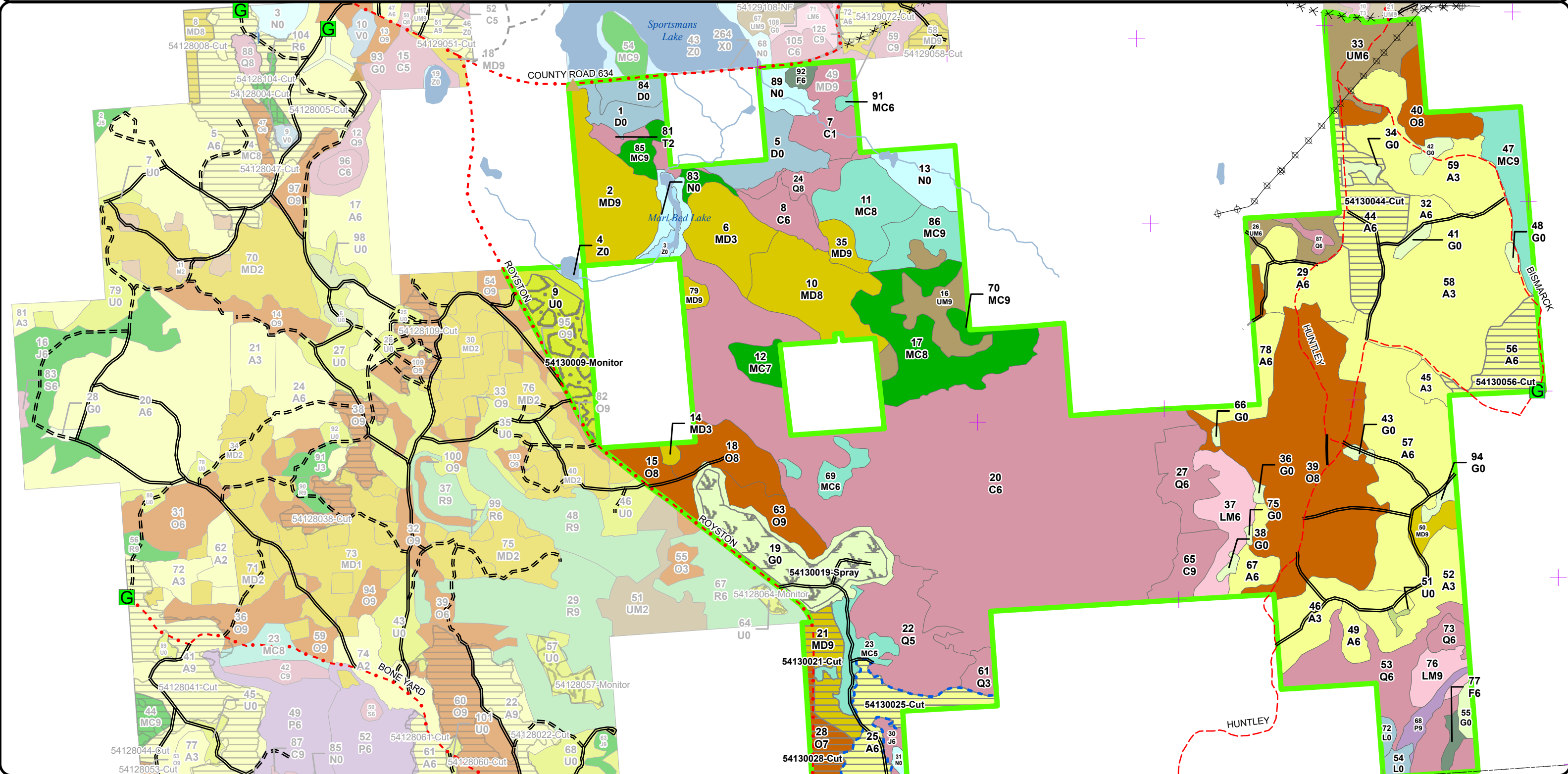
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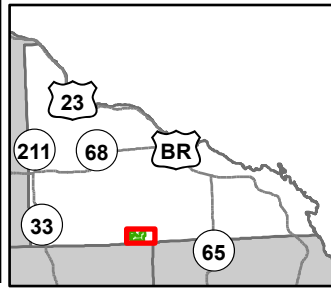
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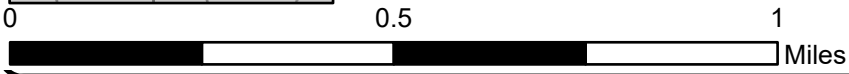
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|---------------------------------------|-------------------------------|---------------------------------|---------------------------------|-------------------------|
| Berms | County - Dirt Road (Seasonal) | Treatments with Site Conditions | 423 - Other Upland Conifers | 330 - Low Density Trees |
| Gate | Private - Dirt / Gravel Road | Pesticide | 429 - Mixed Upland Conifers | 500 - Water |
| Culvert | Abandoned Railroads | Clearcut (w/Reserves) | 430 - Upland Mixed Forest | 622 - Lowland Shrub |
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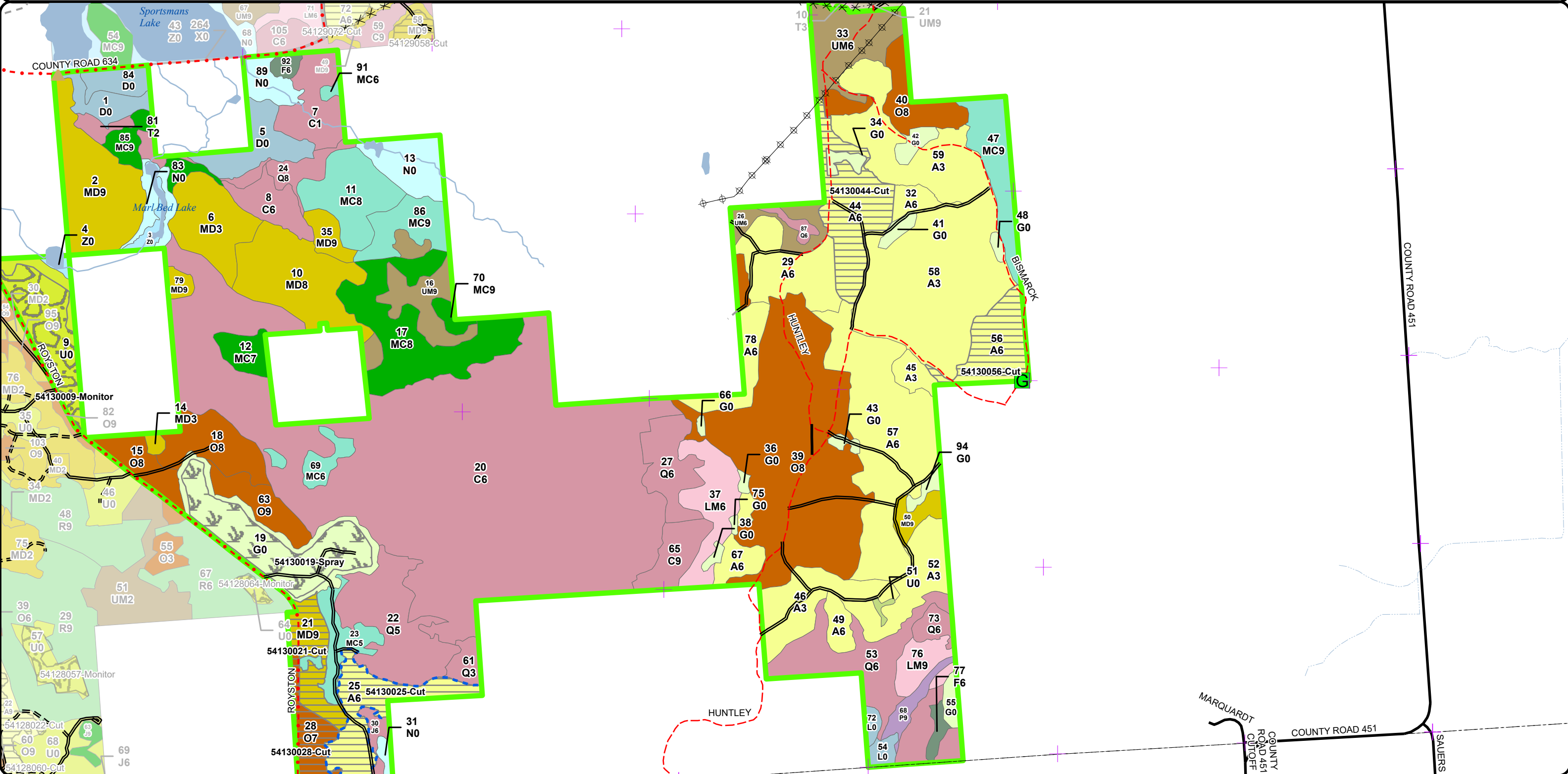
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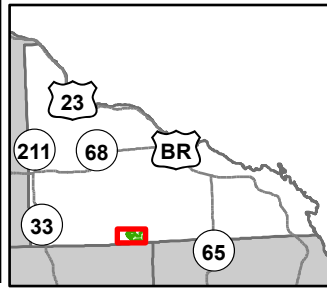
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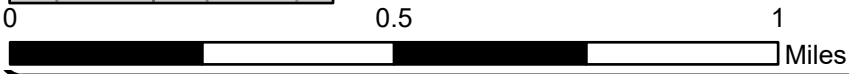
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Stand Boundary Map

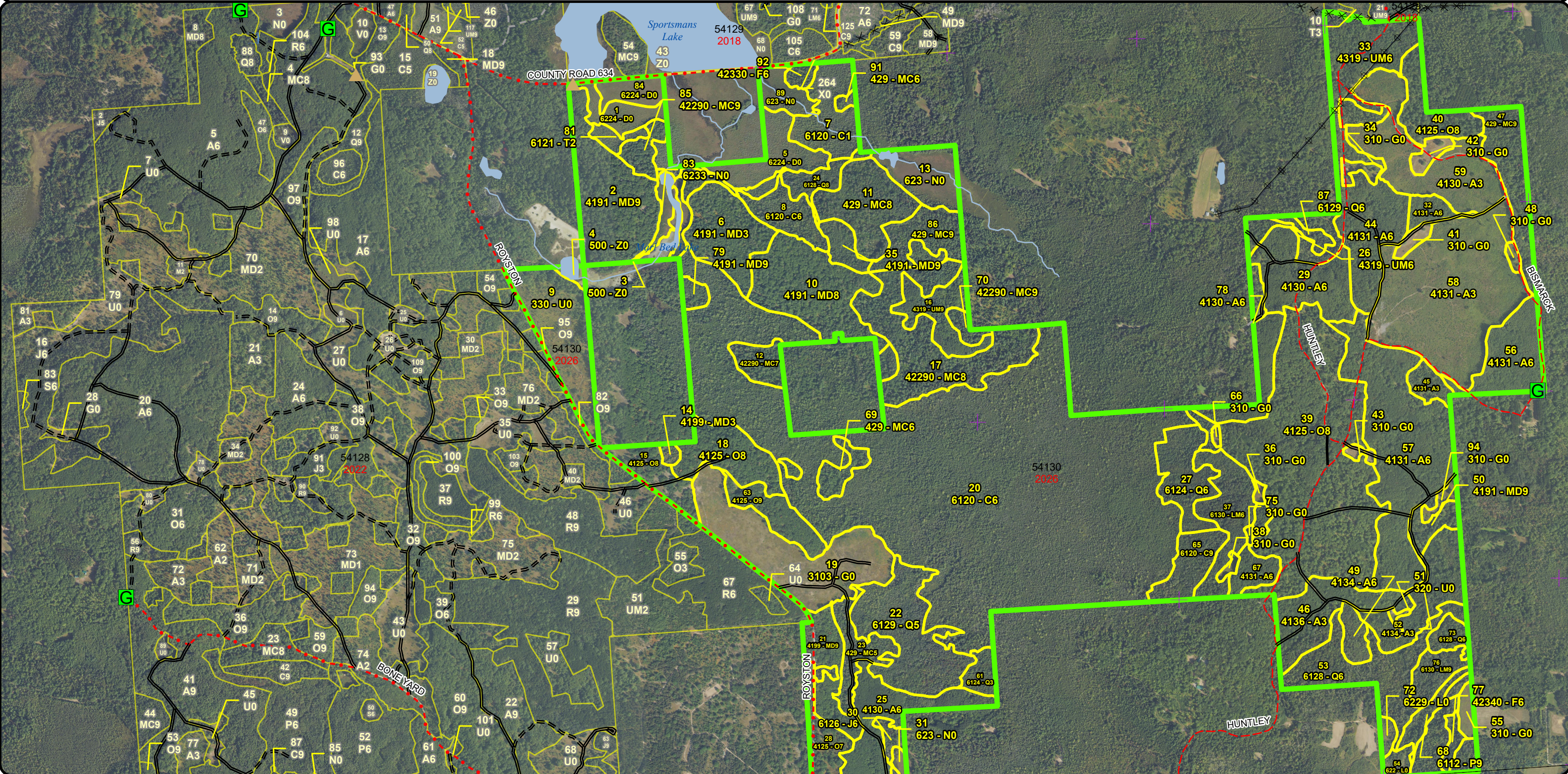


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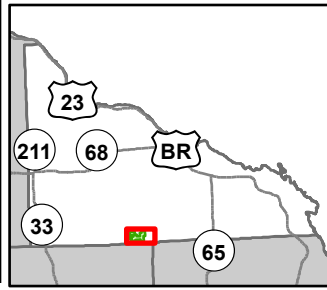


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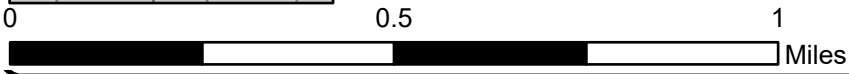
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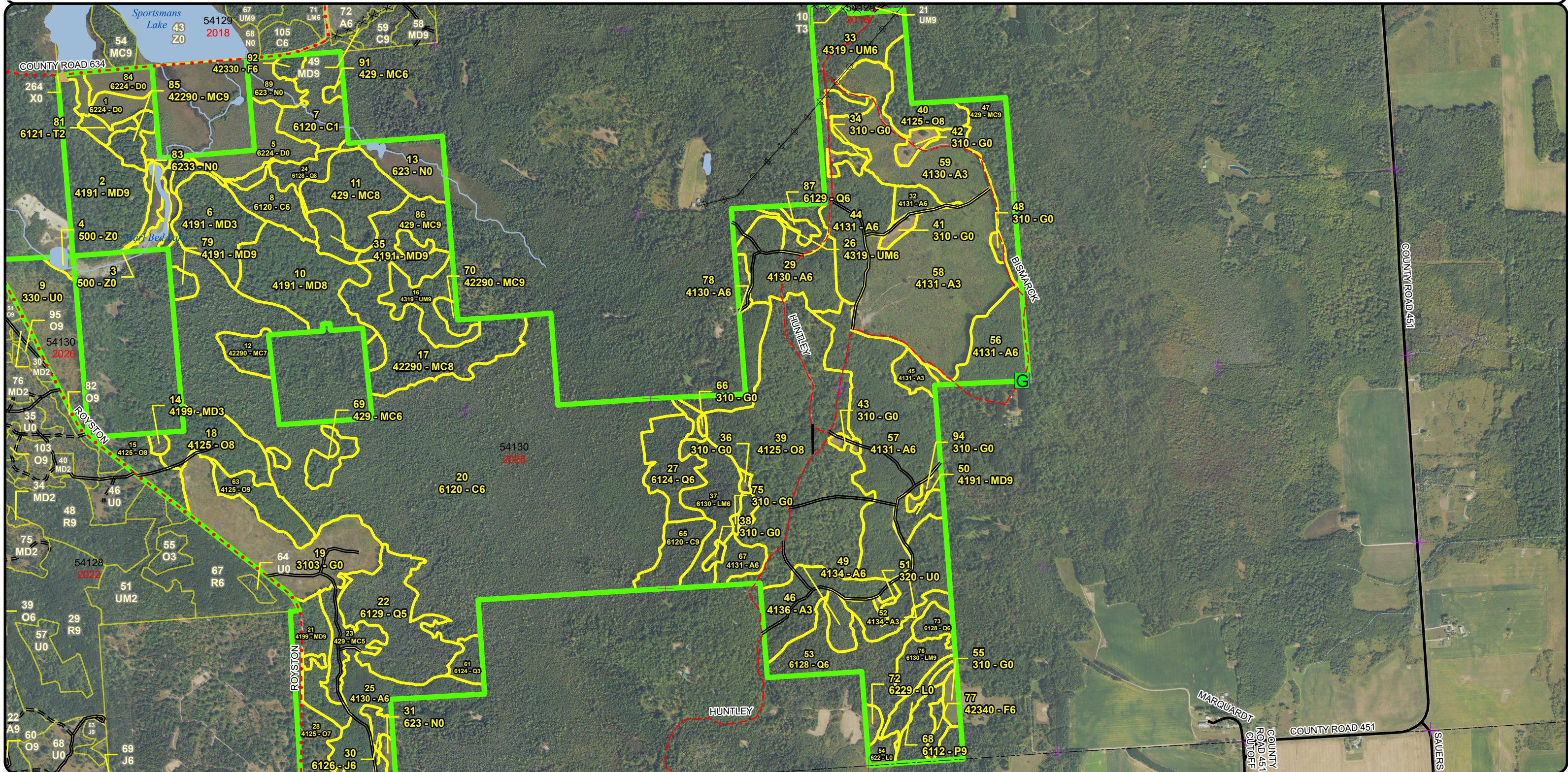


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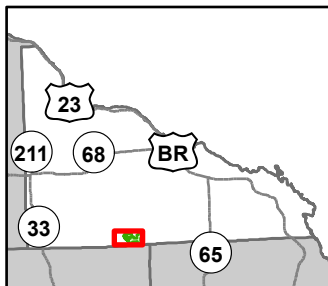
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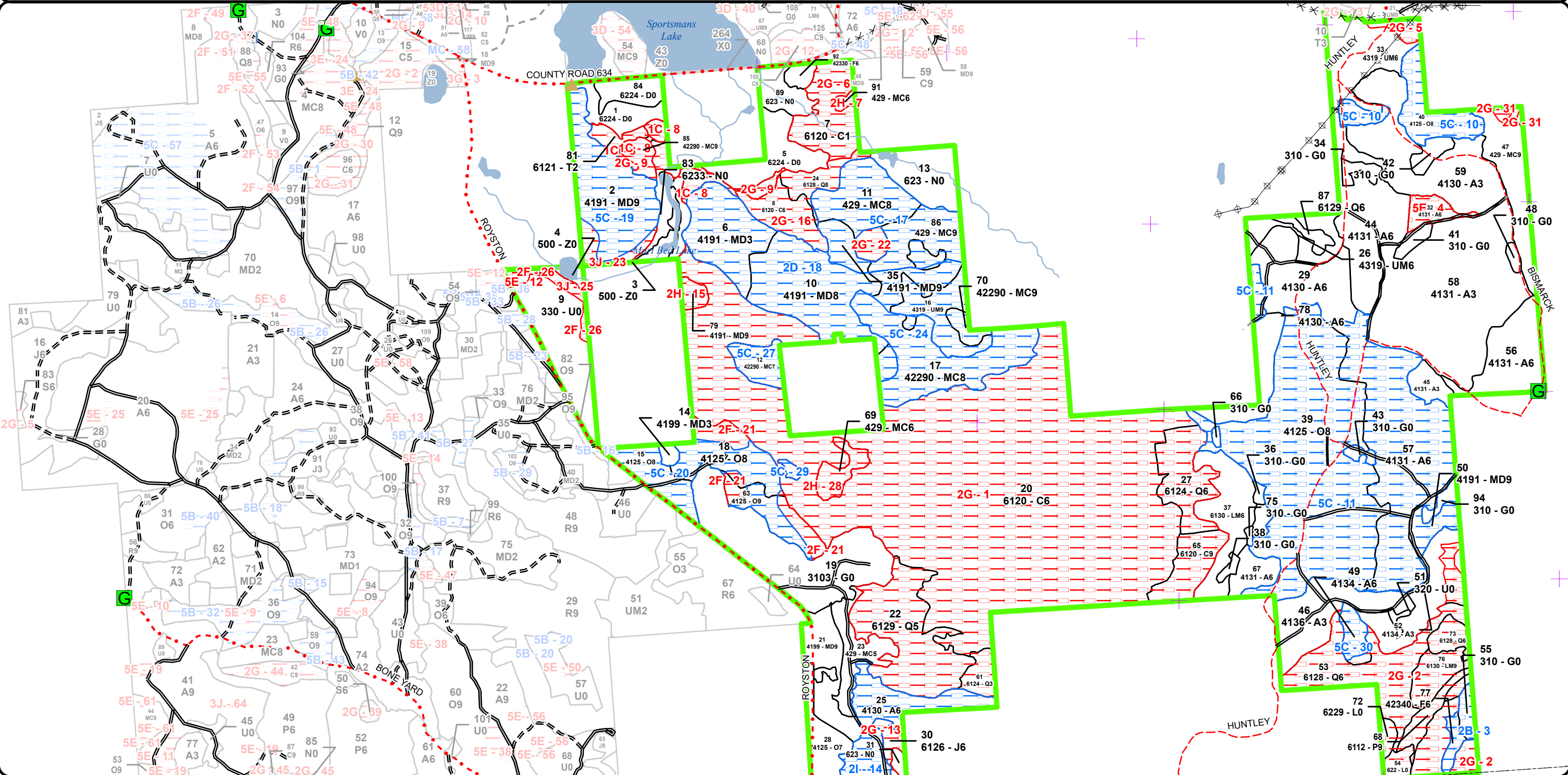
Special Conservation Areas & Site Conditions Map

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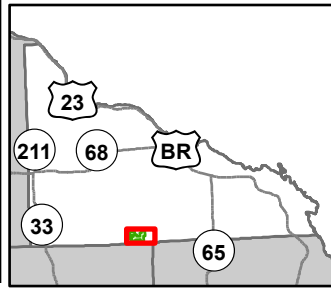


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- Compartment Boundary
- Available w/ Constraints
- Unavailable
- 2D: Portable Bridge Needed (Dept. bridge will be adequate)

- 2I: Survey needed
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- 1C: Other dept or div proc/practices
- 2F: Too steep
- 2G: Too wet (sensitive soils, does not include access issues)
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- 3J: Water quality / BMPs (stream, river, or lake)
- 5E: Long-Term Retention
- Stand Boundaries



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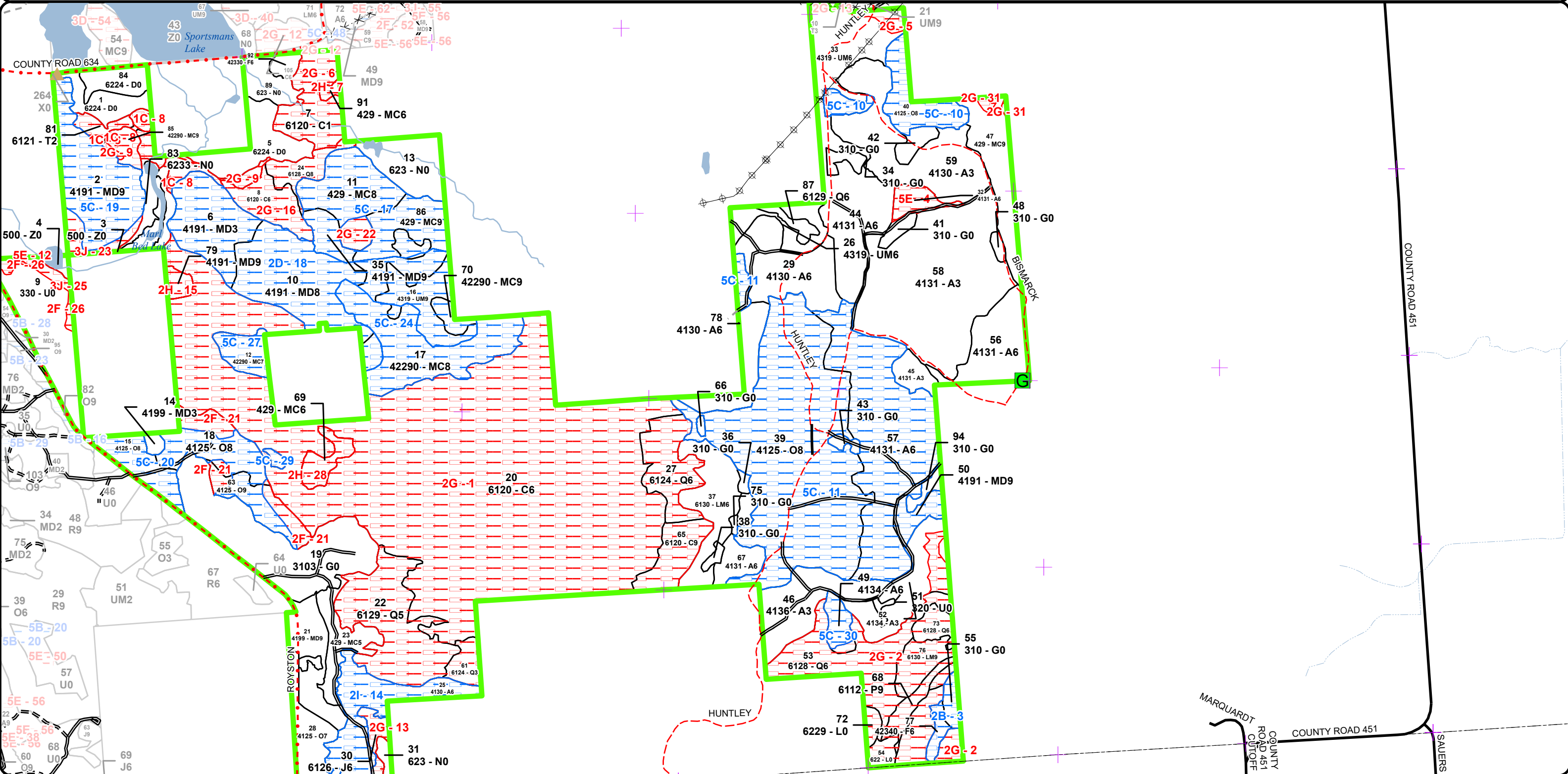
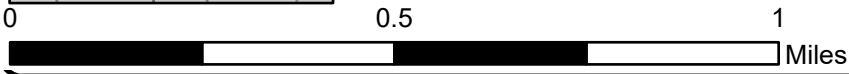


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Report 1 – Total Acres by Cover Type and Age Class

Atlanta Mgt. Unit
Daniel Natzke : Examiner

Compartment 130 Year of Entry 2026



Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Uneven-Aged	Total
Aspen	0	121	5	46	45	134	36	0	0	0	0	0	0	0	0	0	0	0	387
Cedar	0	0	0	0	0	0	0	0	0	0	0	404	12	0	0	0	0	0	416
Herbaceous Openland	71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	71
Jack Pine	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	5
Low-Density Trees	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32
Lowland Aspen/Balsam Poplar	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	6
Lowland Conifers	0	0	0	0	0	19	6	44	0	0	0	42	0	8	5	0	0	0	124
Lowland Mixed Forest	0	0	0	0	0	0	21	0	10	0	0	0	0	0	0	0	0	0	31
Lowland Shrub	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Marsh	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34
Mixed Upland Deciduous	0	0	0	27	0	0	7	0	0	16	39	49	0	0	0	0	0	0	137
Natural Mixed Pines	0	0	0	0	0	0	0	14	0	0	0	0	8	46	0	0	0	0	68
Oak	0	0	0	0	0	0	0	0	0	16	64	130	0	0	0	0	0	0	210
Tamarack	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	8
Treed Bog	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34
Upland Conifers	0	0	0	0	0	0	0	16	35	1	0	0	0	34	0	0	0	0	86
Upland Mixed Forest	0	0	0	0	0	0	10	21	25	0	0	0	0	0	0	0	0	0	56
Upland Shrub	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Upland Spruce/Fir	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	6
Water	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Total	185	121	5	73	48	156	80	95	76	38	103	625	29	88	5	0	0	0	1725



Report 2 – Treatment Summary

Atlanta Mgt. Unit

Compartment 130

Year of Entry: 2026

Acres of Harvest

Total Compartment Acres: 1,722

Commercial Harvest - 86
 Harvests with Site Condition - 30
 Next Step Harvest - 0
 Habitat Cut - 0

Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overstory Removal	Salvage	Other	Total Acres
Aspen	84	0	0	0	0	0	0	0	0	84
Mixed Upland Deciduous	16	0	0	0	0	0	0	0	0	16
Oak	16	0	0	0	0	0	0	0	0	16
Total	116	0	0	0	0	0	0	0	0	116

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Pruning	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	116	0	0	0	36	27	0	0	0	180
Next Step	0	0	36	0	0	225	0	0	0	261
Total	116	0	36	0	36	252	0	0	0	441



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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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Proposed Treatments:

21	54130021-Cut	16.0	4199 - Other Mixed Upland Deciduous	Sawtimber Well	87	51-80	Harvest	Clearcut	4199 - Other Mixed Upland Deciduous	Even-Aged	No
<p><u>Prescription</u> Clear cut with a small patch of area retention to protect the survey monument. Due to the size and shape of this stand and the composition of adjacent stands, oak wilt no exceptions.</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> Oak, aspen, maple with associated native conifers.</p> <p><u>Regen:</u></p> <p><u>Other</u> Slope is steep but not too steep. The slope is steep enough to complicate harvest considering the location of Royston Rd and the adjacent MC5 stand.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>											

25	54130025-Cut	29.9	4130 - Aspen	Poletimber Well	52	81-110	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Clear cut with 3-10% retention. Focus area retention around the jack pine stand in the SE or near wet areas. Current Atlanta grouse specification. Brush pile specification for rabbits and other wildlife every 300-500 feet along the swamp edge. Treatment pending survey.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Aspen, maple, oak, white pine, balsam fir, red pine, jack pine</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u> Survey Needed</p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>											

28	54130028-Cut	16.4	4125 - Black, N. Pin Oak	Sawtimber Poor	86	1-50	Harvest	Clearcut with Retention	4199 - Other Mixed Upland Deciduous	Even-Aged	No
<p><u>Prescription</u> Clear cut without area retention. Mark leave trees, especially healthy, large crowned pine or single/clumps of healthy sapling/pole oak not to exceed 10BA. Due to the composition of this and surrounding stands, use the oak wilt specification without exceptions.</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> Maple, aspen, oak, pine, fir of at least low stocking.</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
44 54130044-Cut	32.5	4131 - Aspen, Oak	Poletimber Well	49	111-140	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Clear cut with 3-10% retention. Leave red pine and white pine not to exceed 10BA over all. Oak wilt no exceptions due to the amount of oak in nearby stands. Current Atlanta grouse specification.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Aspen, oak, maple, white pine, red pine, balsam fir</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>										
56 54130056-Cut	21.6	4131 - Aspen, Oak	Poletimber Well	49	111-140	Harvest	Clearcut	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Clear cut without area retention due to stand size and browse concerns. Oak wilt no exceptions due to high proportion of oak within the stand and in surrounding stands. Current Atlanta grouse specifications.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Aspen, oak, maple, white pine, red pine, balsam fir.</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>										

Approved Treatments:

9 54130009-Monitor	27.0	330 - Low-Density Trees	Nonstocked	0	Immature	Monitoring	Natural Regen (Intermediate)	4199 - Other Mixed Upland Deciduous	Even-Aged	No
<p><u>Prescription</u> Previous regeneration failure. Search for trees sufficient to meet the acceptable regeneration statement.</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Maple, oak, aspen and native conifers.</p> <p><u>Regen:</u></p> <p><u>Other</u> Percent to Treat = 100%</p> <p><u>Comment:</u> Sale was closed January 2022. Date shown is incorrect</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2026</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
19 54130019-Spray	36.2	3103 - Rubus-Fern	Nonstocked	0	Unspecified	Pesticide	ERROR	4211 - Planted Red Pine	Even-Aged	No
<p><u>Prescription</u> Site prep spray to remove undesired competition. <u>Specs:</u> FTP: C54-1106</p> <p><u>Next Step</u> ; Monitoring, Artificial Regen(1yr); Planting, Initial Plant; Monitoring, Herbicide Use; Monitoring, Artificial Regen(3yr) <u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Replant to red pine.</p> <p><u>Other Comment:</u> Percent to Treat = 100%</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>										

Total Treatment Acreage Proposed: 179.6

Report 4 – Site Conditions

Atlanta Mgt. Unit
Daniel Natzke : Examiner

Compartment: 130
Year of Entry: 2026



Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	Dominant Site Conditions										
		With Condition	Not Available		2B	2D	2I	5C	1C	2F	2G	2H	3J	5E	
387	271	105	11	Aspen			30	75			5				5
415	0	0	415	Cedar							415				
71	67	3	0	Herbaceous Openland	3										
5	0	0	5	Jack Pine							5				
32	27	0	5	Low-Density Trees						1			2	1	
6	0	0	6	Lowland Aspen/Balsam Poplar							6				
122	3	0	119	Lowland Conifers							119				
32	21	0	10	Lowland Mixed Forest							10				
6	0	0	6	Lowland Shrub							6				
34	34	0	0	Marsh											
138	18	112	8	Mixed Upland Deciduous		64		48			0	3	5		
68	0	58	10	Natural Mixed Pines		12		45	9		1				
211	16	183	11	Oak				183		11					
9	0	0	9	Tamarack							9				
34	34	0	0	Treed Bog											
84	33	38	13	Upland Conifers				38			5	8			
56	32	21	3	Upland Mixed Forest		17		3			3				
1	1	0	0	Upland Shrub											
6	3	3	0	Upland Spruce/Fir	3										
7	7	0	0	Water											
1,722	567	524	631	Total Forested Acres	7	94	30	393	9	13	584	11	8	7	
	33%	30%	37%	Relative Percent											

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

Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	447	5A: Not able to obtain desirable regeneration	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

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2	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	76	5A: Not able to obtain desirable regeneration	Unspecified	Unspecified	Unspecified
Comments: Mucky substrate. Very wet. Standing water is common.							
3	Available	2B: Unknown if access through adjacent landowner(s) is possible	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Two upland stands surrounded by private land and swamp. Access would be difficult and the value of the products, low.							
4	Unavailable	5E: Long-Term Retention	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Site condition 5E previously indicated for stand 44. Believe stand 44 was harvested and the remaining portions assigned new stand numbers. Long-term aggregate retention for harvest in the stands to the north and south.							
5	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Hummocky sphagnum and tip-up mounds. Lowland brush, swamp tree species, and standing water.							
6	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	20	5D: Unproductive Forest Land	Unspecified	Unspecified	Unspecified
Comments: Extremely wet, mucky soils. Standing water between sphagnum hummocks.							
7	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	1	2B: Unknown if access through adjacent landowner(s) is possible	Unspecified	Unspecified	Unspecified
Comments:							

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8	Unavailable	1C: Other dept or div proc/practices	9	2F: Too steep	3D: Recreational / Scenic values	Unspecified	Unspecified
Comments:							
9	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	9	5D: Unproductive Forest Land	Unspecified	Unspecified	Unspecified
Comments: Far too wet. Stunted growth on most trees.							
10	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	19	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Save until stands 33, to the N and W, and 47, to the S and E, meet silvicultural criteria.							
11	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	206	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
12	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Retention pocket from stand 9 and sale 54-045-16-01							
13	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Many areas probably too wet most of the time.							

Report 4 – Site Conditions

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14	Available	2I: Survey needed	30	Unspecified	Unspecified	Unspecified	Unspecified
Comments: As of winter 2023/24 inventory, no solid monuments found along the private line.							
15	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
16	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	20	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
17	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	47	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
18	Available	2D: Portable Bridge Needed (Dept. bridge will be adequate)	94	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Access across stream/marl bed lake was by a fill road bed (not sure what kind of fill) leading to an area that might've been crushed limestone covered culverts at the stream course or a portable bridge.							
19	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	35	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Awaiting oak guidance. If entered, try to enter the stands to the east across marl bed lake at the same time.							

Report 4 – Site Conditions

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20	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	34	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Browse is a major concern. As is final guidance for oak treatments.							
21	Unavailable	2F: Too steep	12	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Steep slopes terminate in swamp stand with no room to turn equipment at the bottom. A steep kettle depression between.							
22	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Bog pocket							
23	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Approximate location of the 135' (steeper slopes) to 115' BMP setback from Marl Bed Lake							
24	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	38	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
25	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Setback for Marl Bed Lake.							

Report 4 – Site Conditions

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26	Unavailable	2F: Too steep	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: These areas were likely deemed too steep during sales preparation by nature of the slope and proximity to the private property boundary.							
27	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
28	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Upland islands in cedar swamp							
29	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
30	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Hold for another cycle or coordinate harvest with stands 46 and 52 (A3 in 2024) adjacent.							
31	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	1	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.

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

Conservation Area	Type	Description
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																																	
1	6224 - Treed Bog	Nonstocked	9.2		Immature	No	A little better than 84 to the north. Denser and taller trees but still easily too wet.																																																																																	
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2	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	40.0	104	81-110	N/A	Past species removals and most recently a shelterwood in 1999.																																																																																	
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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6	4191 - Mixed Upland Deciduous with Conifer	Sapling Well	25.6	26	1-50	N/A	Probably about 30BA of oak and pine remaining from previous harvest with the balance of the standing being stump and root sprout origin red maple and aspen saplings. Red maple is more numerous on the northeast face of the ridge and aspen is more numerous on the southwest face of the ridge. Beavers removed aspen in a couple pockets on the stand's west facing the stream.
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Canopy Species	% Cover	Size Class	DBH	Age
Bigtooth Aspen	30	Sapling	3	26
Beech	1	Pole	7	
Red Maple	25	Sapling/Pole	3	26
Red Pine	7	Log/Pole	10	
Black/Red (Hybrid) Oak	15	Log/XLog	16	
White Pine	20	Pole/Sap/Log	8	

7	6120 - Lowland Cedar	Sapling Poor	19.6	100	1-50	N/A	Unproductive forest. Extremely wet. Standing water between sphagnum hummocks over muck. Stringers of poles surrounded by saplings and lowland brush.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Poplar	5	Sapling/Pole	4		Alder	High	5 - 10 feet	Tall Shrub
Balsam Fir	15	Sapling	2		Sphagnum Moss	High	Unspecified	Non-Wood
Northern White Cedar	55	Sapling/Pole	4	100	Cattail spp.	Low	Unspecified	Non-Wood
Black Spruce	15	Sapling	2		Gray Dogwood	Low	5 - 10 feet	Tall Shrub
Tamarack	9	Pole/Sapling	5		Leatherleaf	Low	< 5 feet	Tall Shrub
Paper Birch	1	Sapling/Pole	4					

8	6120 - Lowland Cedar	Poletimber Well	12.3	116	141-170	N/A	Cedar towards the center and black spruce on the perimeter. Dense balsam fir throughout. Better productivity to the east but still too wet.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	3	Pole/Sapling	6		Blueberry/Bilberry/Cranberry	Low	< 5 feet	Tall Shrub
White Pine	2	Log/XLog	16		Sphagnum Moss	High	Unspecified	Non-Wood
Tamarack	10	Pole/Log	8	114	Balsam Fir	High	5 - 10 feet	Sapling
Red Maple	5	Pole/Log	9		Leatherleaf	Medium	< 5 feet	Tall Shrub
Black Spruce	20	Pole/Log	8					
Quaking Aspen	5	Pole/Sapling	6					
Paper Birch	2	Log/Pole	10					
Northern White Cedar	53	Log/Pole/Sap	10	116				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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9 330 - Low-Density Trees Nonstocked 32.3 0 Immature 4199 - Other Mixed Upland Deciduous

Currently, the best regeneration is formerly suppressed maple and oak that escaped the 2" cutting requirement. Most of the regeneration is red maple. Stocking would be high red maple if it weren't browsed to 2-3'. It's likely that in time, maple, aspen, and maybe a few oak will fill in the stand a little more and make it above browse height. Judging by the species present within the stand and surrounding stands, this was probably a low-medium quality hybrid oak stand.

Sub-Canopy Species	Density	Avg. Height	Size
Red Pine	Trace	>20 feet	Sapling
Jack Pine	Trace	Variable	Sapling
Red Maple	Medium	Variable	Sapling
Blueberry/Bilberry/Cranberry	Medium	< 5 feet	Tall Shrub
Black/Red (Hybrid) Oak	Low	5 - 10 feet	Sapling
Blackberry/Raspberry	Trace	< 5 feet	Tall Shrub
Bigtooth Aspen	Low	>20 feet	Sapling
White Pine	Low	Variable	Sapling
Mixed Sedges/Grasses	High	Unspecified	Non-Wood
White Oak	Low	10 - 20 feet	Sapling
Sweet Fern	Low	< 5 feet	Tall Shrub

10 4191 - Mixed Upland Deciduous with Conifer Sawtimber Medium 38.8 95 81-110 N/A

Age estimate based on nearby stands. Medium to lower quality oak. Considerable white pine in the understory. There is a rail grade or tote road at base of the northeast slope. Pockets of 50 year old big tooth aspen skipped at last harvest are on north slope.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black/Red (Hybrid) Oak	47	Log	17	95	Witch Hazel	Low	5 - 10 feet	Tall Shrub
Red Pine	13	Log/XLog	14		White Pine	High	Variable	Sapling
White Oak	2	Log	13		Huckleberry	Low	< 5 feet	Tall Shrub
White Pine	18	Log/Pole/XLog	14		Red Maple	Medium	Variable	Sapling
Red Maple	10	Pole	6		Bigtooth Aspen	Low	>20 feet	Sapling
Bigtooth Aspen	10	Pole	7		Balsam Fir	Medium	>20 feet	Sapling

11 429 - Mixed Upland Conifers Sawtimber Medium 25.7 120 81-110 N/A

There are a couple of boggy pockets and seasonally wet swales. Red pine age is an estimate based on similar trees in nearby stands. Frequent legacy red and white pine.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	15	XLog	18		Balsam Fir	Full	Variable	Sapling
Red Pine	30	Log/Pole/XLog	17	120	Red Maple	Medium	Variable	Sapling
Bigtooth Aspen	8	Pole	7		Meadowsweet	Low	< 5 feet	Tall Shrub
Paper Birch	2	Pole	8		Black Spruce	Low	>20 feet	Sapling
Red Maple	15	Pole/Sapling	6	56	Alder	Low	5 - 10 feet	Tall Shrub
Northern White Cedar	5	Log	12		Sphagnum Moss	Low	Unspecified	Non-Wood
Balsam Fir	15	Pole	7					
Quaking Aspen	10	Pole	8					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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12	42290 - Natural Mixed Pine	Sawtimber Poor	8.0	118	81-110	N/A	An upland knoll with a goodly slope emerging from the swamp. Conifers are more common than the upland immediately to the north.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black/Red (Hybrid) Oak	7	XLog/Log	18		Wintergreen	High	< 5 feet	Tall Shrub
Paper Birch	2	Pole/Log	9		White Pine	High	Variable	Sapling
Red Maple	10	Pole/Sapling	7	26	Black Spruce	Low	10 - 20 feet	Sapling
Black Spruce	5	Pole	7		Balsam Fir	High	Variable	Sapling
White Pine	40	Log/Pole/XLog	13	118	Red Pine	Low	>20 feet	Sapling
Red Pine	31	Log/Pole	13	118	Red Maple	Low	>20 feet	Sapling
Balsam Fir	5	Pole/Sapling	7					

13	623 - Emergent Wetland	Nonstocked	16.9		Immature	No	
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Sub-Canopy Species	Density	Avg. Height	Size
Sphagnum Moss	Medium	Unspecified	Non-Wood
Mixed Sedges/Grasses	High	Unspecified	Non-Wood
Meadowsweet	Low	< 5 feet	Tall Shrub
Red Osier Dogwood	Low	5 - 10 feet	Tall Shrub
Tamarack	Low	>20 feet	Sapling
White Pine	Trace	Variable	Sapling
Alder	Low	5 - 10 feet	Tall Shrub

14	4199 - Other Mixed Upland Deciduous	Sapling Well	1.6	26	Immature	N/A	Previous inventory notes indicate this is an old landing. Stand margins have better overall recruitment, and browse is harder to the center.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	10	Pole/Sapling	6		Blueberry/Bilberry/Cranberry	High	< 5 feet	Tall Shrub
Black/Red (Hybrid) Oak	44	Sapling	2	26				
Balsam Fir	1	Sapling	2					
Red Maple	45	Sapling	1	26				

15	4125 - Black, N. Pin Oak	Sawtimber Medium	12.4	97	1-50	N/A	Low to medium quality oak with moderate oak regeneration, especially white oak in the south. Maple is browsed to about 2'.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Jack Pine	10	Pole	8	67	Cherry (spp.)	Low	5 - 10 feet	Sapling
White Pine	5	Pole/Log	8		Sweet Fern	Low	< 5 feet	Tall Shrub
Northern Pin Oak	76	Log/Pole	13	97	Cladonia (Reindeer moss)	Low	Unspecified	Non-Wood
White Oak	5	Log/Pole	13		Blueberry/Bilberry/Cranberry	Medium	< 5 feet	Tall Shrub
Red Maple	2	Pole	7		White Oak	Medium	10 - 20 feet	Sapling
Red Pine	2	Log	11		Red Maple	High	Variable	Sapling
					Balsam Fir	Trace	5 - 10 feet	Sapling
					Northern Pin Oak	Low	< 5 feet	Sapling
					Hawthorn (spp.)	Trace	5 - 10 feet	Tall Shrub
					White Pine	Low	Variable	Sapling
					Mixed Sedges/Grasses	Medium	Unspecified	Non-Wood



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments	
16	4319 - Mixed Upland Forest	Sawtimber Well	20.9	63	81-110	N/A	Carved out of a very mixed stand by joining nearby aspen clones. Occasional 26 year old aspen in the far east but generally at an age to meet silvicultural criteria. A few sugar maple poles. 120 year old pine are possible in this and surrounding stands.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Black/Red (Hybrid) Oak		10	Log/XLog	17		Balsam Fir		
Red Pine		15	Log/XLog/Pole	14		Medium		
Paper Birch		2	Pole	6		Variable		
Balsam Fir		10	Pole/Sapling	6		Sapling		
Bigtooth Aspen		20	Pole	7	26	Low		
White Pine		23	Log/Pole	11	63	< 5 feet		
Quaking Aspen		5	Pole	6				
Red Maple		13	Pole/Sapling	6				
Sugar Maple		2	Pole/Sapling	6				
17	42290 - Natural Mixed Pine	Sawtimber Medium	46.3	126	81-110	N/A		There is are 140 and 120 year old pine cohorts but most are about 80 years old. There are seasonally wet areas, especially in the south. There are fire scars on the east face of older trees.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Balsam Fir		8	Pole	6		Balsam Fir		
Red Pine		50	Log/Pole/XLog	15	126	Medium		
White Pine		15	Log/Pole/XLog	14		Variable		
Black/Red (Hybrid) Oak		5	XLog	18		Sapling		
Quaking Aspen		5	Pole	7		5 - 10 feet		
Bigtooth Aspen		5	Pole	8		Tall Shrub		
Black Spruce		5	Pole	8		Red Maple		
Red Maple		7	Pole	7		Medium		
						Variable		
						Sapling		
18	4125 - Black, N. Pin Oak	Sawtimber Medium	20.3	94	81-110	N/A	There are steep slopes to the east. Thickets of often suppressed red maple and big tooth aspen from species removal 25-6 years ago. The stand examiner kept the previous inventory age because it was close to a similar neighboring stand. Heavy browse to red maple keeps them under 3'. Kettle depression in the south.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Red Maple		10	Pole/Sapling	6		White Pine		
Bigtooth Aspen		2	Log	11		Low		
Black Spruce		1	Pole	7		Variable		
Black/Red (Hybrid) Oak		70	Log	14	94	Sapling		
Jack Pine		1	Pole	6		Medium		
Red Pine		1	Log	14		Sapling		
Balsam Fir		5	Pole	7		Low		
White Pine		10	Pole	7		Variable		
						Sapling		
						Tall Shrub		
						Tall Shrub		
19	3103 - Rubus-Fern	Nonstocked	49.3	0	Unspecified	4211 - Planted Red Pine	The trenching of this stand was completed on 5/22/23. Final harvest done in December 2017. Left a few den trees. Low stumps. 1/6 slash was left. Gently rolling hills. FTP: C54-1106 This stand was roller chopped on 09/19/2021.	
Sub-Canopy Species		Density	Avg. Height	Size				
Northern Pin Oak		Low	5 - 10 feet	Sapling				
Mixed Sedges/Grasses		Medium	Unspecified	Non-Wood				
Cherry (spp.)		Low	5 - 10 feet	Tall Shrub				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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20 6120 - Lowland Cedar Poletimber Well 370.6 109 141-170 N/A But for a few areas on the stand's periphery, this stand is too wet to harvest. Surface water is very common. A branch of the Ocqueoc river likely originates in the northeast. Possible center section corner done by private survey in the south.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Hemlock	2	Log	14		Leatherleaf	Low	< 5 feet	Tall Shrub
Balsam Poplar	3	Pole	5		Sphagnum Moss	High	Unspecified	Non-Wood
Balsam Fir	5	Pole/Sapling	6		Alder	Low	5 - 10 feet	Tall Shrub
Northern White Cedar	65	Pole/Log	8	109	Balsam Fir	Low	< 5 feet	Sapling
White Pine	5	Log	14					
Tamarack	5	Pole	6					
Black Spruce	15	Pole/Sapling	7					

21 4199 - Other Mixed Upland Deciduous Sawtimber Well 16.0 87 51-80 N/A This stand is located on steep but operable slopes. Considerable ingrowth of aspen in the south.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	2	Pole	6		Balsam Fir	Low	5 - 10 feet	Sapling
Red Pine	5	Log/Pole	12		Red Pine	Trace	10 - 20 feet	Sapling
Red Oak	10	Log	16		Blueberry/Bilberry/Cranberry	High	< 5 feet	Tall Shrub
Jack Pine	5	Pole	8		Black/Red (Hybrid) Oak	Low	Variable	Sapling
Red Maple	15	Pole/Sapling	6		White Pine	Low	Variable	Sapling
White Oak	3	Log	14		White Oak	Trace	5 - 10 feet	Sapling
Black/Red (Hybrid) Oak	35	Log	14	87	Cherry (spp.)	Medium	< 5 feet	Tall Shrub
Bigtooth Aspen	25	Pole	7		Red Maple	Medium	< 5 feet	Sapling

22 6129 - Mixed Coniferous Lowland Forest Poletimber Medium 38.8 105 81-110 N/A Basins of alder, Michigan holly, and stunted black spruce with a few shallow rises that might be operable if it weren't for their unreasonably small size and shape. Veins of cedar and spruce intermingle. Old air photos seem to show this more as a marsh or a treed bog.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	2	Log/XLog	16		Tag Alder	Medium	5 - 10 feet	Tall Shrub
Red Pine	2	Log	14		Michigan Holly	Medium	5 - 10 feet	Tall Shrub
Red Maple	5	Pole	6		Sphagnum Moss	High	Unspecified	Non-Wood
Tamarack	2	Pole	7		Leatherleaf	High	< 5 feet	Tall Shrub
Northern White Cedar	40	Log/Pole	10					
Black Spruce	47	Pole	9	105				
Paper Birch	2	Log/Pole	10					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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23	429 - Mixed Upland Conifers	Poletimber Medium	13.5	77	51-80	N/A	26 year old aspen on the western stand margins. This stand generally seems like a swale between the upland to the west and north before transitioning to slight rise then a wetland in the east. Jack pine about 50 years old are still doing well but the ones about 80 years old are declining.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	5	Pole	6		Cherry (spp.)	Low	< 5 feet	Tall Shrub
Red Pine	5	Log	12		White Oak	Trace	10 - 20 feet	Sapling
Black Spruce	7	Pole/Sapling	6		Leatherleaf	Medium	< 5 feet	Tall Shrub
Paper Birch	5	Pole/Sapling	7		Black/Red (Hybrid) Oak	Trace	>20 feet	Sapling
Red Maple	15	Pole/Sapling	6		Blueberry/Bilberry/Cranberry	Full	< 5 feet	Tall Shrub
Bigtooth Aspen	10	Pole/Sapling	7		Red Maple	Medium	Variable	Sapling
Jack Pine	49	Pole	8	77				
Black/Red (Hybrid) Oak	2	Log	16					
White Pine	2	Log	13					

24	6128 - Lowland Coniferous, Mixed Deciduous	Sawtimber Medium	7.6	120	81-110	N/A	No obvious signs of surveyed monuments found in the winter, only old fence corners. Portions of the trail running through the dense fir area may be seasonally wet. Old skid trails in the east indicate rutting will be a problem in wet times of the year. Poorer areas look to have 3-4 stick trees where better areas probably have 6-7 stick heights.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen	8	Pole	7		Alder	Low	5 - 10 feet	Tall Shrub
Red Maple	15	Pole/Sapling	6	53	Black Spruce	Low	>20 feet	Sapling
White Pine	15	XLog	18		Red Maple	Medium	Variable	Sapling
Northern White Cedar	5	Log	12		Sphagnum Moss	Low	Unspecified	Non-Wood
Quaking Aspen	15	Pole	8		Balsam Fir	Full	Variable	Sapling
Paper Birch	2	Pole	8		Meadowsweet	Low	< 5 feet	Tall Shrub
Balsam Fir	15	Pole	7					
Red Pine	25	Log/Pole/XLog	17	120				

25	4130 - Aspen	Poletimber Well	29.9	52	81-110	N/A	No obvious signs of surveyed monuments found in the winter, only old fence corners. Portions of the trail running through the dense fir area may be seasonally wet. Old skid trails in the east indicate rutting will be a problem in wet times of the year. Poorer areas look to have 3-4 stick trees where better areas probably have 6-7 stick heights.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	3	Log/Pole	12		Red Maple	Medium	Variable	Seeding
Red Oak	5	XLog/Log	18		Blueberry/Bilberry/Cranberry	High	< 5 feet	Tall Shrub
Paper Birch	2	Pole	7		Balsam Fir	Low	Variable	Sapling
Bigtooth Aspen	62	Pole/Log	8	52	Wintergreen	High	< 5 feet	Tall Shrub
Red Pine	2	XLog/Log	18		Red Pine	Trace	10 - 20 feet	Sapling
Jack Pine	2	Pole	8					
Red Maple	5	Pole/Sapling	6					
Quaking Aspen	10	Pole	7					
Black Spruce	2	Pole	6					
Balsam Fir	7	Pole	7					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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26	4319 - Mixed Upland Forest	Poletimber Well	9.9	58	81-110	N/A	Aspen age probably better reflects the age of the stand from the time of the last harvest. White pine were probably advanced regeneration in the prior stand. Stand slopes down to wetter soils to the north and west. Cedar found in wetter areas. Aspen found in higher part of stand.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Bigtooth Aspen		5	Pole/Sapling	7		Black/Red (Hybrid) Oak		Low	< 5 feet	Sapling
Black/Red (Hybrid) Oak		10	Log/XLog	16		Red Maple		High	< 5 feet	Seeding
Balsam Fir		10	Pole/Sapling	7		Balsam Fir		Low	Variable	Sapling
Red Pine		10	Log	14						
Paper Birch		5	Pole	8						
White Pine		23	Log/Pole	12	58					
Red Maple		15	Pole	7						
Quaking Aspen		22	Pole	7	51					

27	6124 - Lowland Spruce-Fir	Poletimber Well	18.6	44	81-110	N/A	Piney pocket in northeast. Too wet.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
White Pine		5	Pole	7		Leatherleaf		Medium	< 5 feet	Tall Shrub
Red Pine		5	Pole/Sapling	6		Alder		Low	5 - 10 feet	Tall Shrub
Tamarack		5	Pole/Sapling	6		Gray Dogwood		Low	5 - 10 feet	Tall Shrub
Red Maple		5	Pole/Sapling	5						
Paper Birch		5	Pole	6						
Black Spruce		20	Pole/Sapling	7	51					
Balsam Fir		35	Sapling/Pole	4	44					
Quaking Aspen		15	Pole/Sapling	6						
Northern White Cedar		5	Pole/Sapling	5						

28	4125 - Black, N. Pin Oak	Sawtimber Poor	16.4	86	1-50	N/A	Past species removals yielded a low stocked-log oak stand.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Jack Pine		5	Pole	8		Blueberry/Bilberry/Cranberry		High	< 5 feet	Tall Shrub
Black Cherry		2	Sapling/Pole	4		Balsam Fir		Trace	10 - 20 feet	Sapling
Red Maple		10	Pole	7		Cherry (spp.)		Low	< 5 feet	Tall Shrub
White Pine		2	Log	12		Red Maple		High	Variable	Sapling
Bigtooth Aspen		10	Pole	6		White Pine		Trace	< 5 feet	Sapling
White Oak		2	Log	16		Black/Red (Hybrid) Oak		Low	10 - 20 feet	Sapling
Red Pine		2	Pole	9		Red Pine		Trace	< 5 feet	Sapling
Black/Red (Hybrid) Oak		67	Log	16	86					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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29 4130 - Aspen Poletimber Well 27.0 34 1-50 N/A Just becoming a pole stand. Aspen age supports the cutting record.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Pine	5	Log/Pole	10		Red Maple	Medium	< 5 feet	Seeding
Red Maple	10	Sapling/Pole	3		Black/Red (Hybrid) Oak	Low	< 5 feet	Seeding
Bigtooth Aspen	63	Pole	5	34	Huckleberry	Medium	< 5 feet	Tall Shrub
Black/Red (Hybrid) Oak	5	Sapling	2					
Balsam Fir	2	Pole/Sapling	6					
Quaking Aspen	5	Sapling/Pole	4					
White Pine	10	Pole	8					

30 6126 - Lowland Jack Pine Poletimber Well 4.7 85 51-80 N/A Previous harvests likely left this stand as a wetland buffer. May relate to stand 23 to the north. Transitional from upland to lowland. Jack pine has an about 80 year old cohort and an about 40 year old cohort.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	5	Pole/Log	8		Black Spruce	Trace	Variable	Sapling
Red Pine	10	Log/Pole	11	92	Leatherleaf	High	< 5 feet	Tall Shrub
Red Oak	5	Log	13		Red Maple	Medium	Variable	Sapling
Black Spruce	5	Pole	7		Alder	Low	5 - 10 feet	Tall Shrub
Red Maple	15	Pole	6		Red Pine	Trace	10 - 20 feet	Sapling
Paper Birch	2	Pole	8					
Jack Pine	56	Pole/Log	8	85				
Balsam Fir	2	Pole	7					

31 623 - Emergent Wetland Nonstocked 2.0 Immature No

Sub-Canopy Species	Density	Avg. Height	Size
Mixed Sedges/Grasses	High	Unspecified	Non-Wood
Alder	Low	5 - 10 feet	Tall Shrub
Meadowsweet	Medium	< 5 feet	Tall Shrub

32 4131 - Aspen, Oak Poletimber Well 5.4 34 111-140 N/A This stand is retention for harvests in stand 58 and 59, formerly stand 44, which was broken up in the last entry. Aspen age is probably too low.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	10	Pole/Sapling	5		Red Maple	Medium	< 5 feet	Sapling
Scotch Pine	3	Log/Pole	11	56	Witch Hazel	Low	Variable	Tall Shrub
Bigtooth Aspen	50	Pole/Sapling	7	34	Balsam Fir	Trace	< 5 feet	Seeding
Red Pine	10	Log	11	52	Black/Red (Hybrid) Oak	Low	< 5 feet	Seeding
White Pine	5	Log/Pole	10		Blueberry/Bilberry/Cranberry	High	< 5 feet	Tall Shrub
Black/Red (Hybrid) Oak	22	Log/Pole	13		Beech	Trace	< 5 feet	Seeding
					White Pine	Low	10 - 20 feet	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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33 4319 - Mixed Upland Forest Poletimber Well 25.0 70 111-140 N/A

Area too wet to manage in north. There are no plantation records for pine in the section/quarter section. Red pine harvested 1973-4, onward.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen	10	Pole/Sapling	7	39	Blueberry/Bilberry/Cranberry	Low	< 5 feet	Tall Shrub
Jack Pine	1	Pole	8		Red Maple	Medium	Variable	Sapling
Black/Red (Hybrid) Oak	15	Log	16		Balsam Fir	Low	10 - 20 feet	Sapling
Red Maple	10	Pole/Sapling	5		Witch Hazel	Low	Variable	Tall Shrub
Balsam Fir	5	Pole/Sapling	5		Leatherleaf	Low	< 5 feet	Tall Shrub
Red Pine	20	Log/Pole/XLog	12	54	Alder	Low	5 - 10 feet	Tall Shrub
White Pine	24	Log/Pole	13	70	Michigan Holly	Low	5 - 10 feet	Tall Shrub
Quaking Aspen	8	Pole	8		Wintergreen	Low	< 5 feet	Tall Shrub
Black Spruce	5	Pole/Sapling	7	94				
Northern White Cedar	2	Log	10					

34 310 - Herbaceous Openland Nonstocked 2.7 Immature No

Sub-Canopy Species	Density	Avg. Height	Size
Black/Red (Hybrid) Oak	High	< 5 feet	Seeding
Scotch Pine	Low	10 - 20 feet	Sapling
Red Pine	Trace	>20 feet	Pole

35 4191 - Mixed Upland Deciduous with Conifer Sawtimber Well 6.5 51 111-140 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	10	Pole/Sapling	6		Balsam Fir	Low	Variable	Sapling
Bigtooth Aspen	35	Pole	7	51	Red Maple	Medium	Variable	Sapling
Balsam Fir	10	Pole	7		White Pine	Low	Variable	Sapling
White Pine	5	Log	16					
Black/Red (Hybrid) Oak	15	Log/XLog	16					
Red Pine	25	XLog/Log	18					

36 310 - Herbaceous Openland Nonstocked 0.9 No

Sub-Canopy Species	Density	Avg. Height	Size
Blackberry/Raspberry	Medium	< 5 feet	Tall Shrub



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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37 6130 - Fir, Aspen, Maple Poletimber Well 21.4 52 81-110 N/A

Transitional stand from lowland to upland. Skid trails from the last entry are evident. Care should be taken when planning future harvests. Upland knoll in the south center.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	25	Pole/Sapling	5	
Quaking Aspen	20	Pole	7	51
Bigtooth Aspen	5	Sapling	4	
Balsam Fir	30	Pole/Sapling	5	52
Hemlock	2	Log	13	
White Pine	10	Log	16	
Black Spruce	5	Pole	7	
Paper Birch	3	Pole	8	

38 310 - Herbaceous Openland Nonstocked 1.3 Immature No

Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen	Low	< 5 feet	Sapling
Quaking Aspen	Low	< 5 feet	Sapling
Blackberry/Raspberry	Low	< 5 feet	Tall Shrub

39 4125 - Black, N. Pin Oak Sawtimber Medium 129.6 101 51-80 N/A

Species removals of aspen and red maple in the recent past. Most common advanced regen is made up of these species. Natural red pine grove in the west. Quality of the oak is mostly medium but may be a little better toward the north.

Canopy Species	% Cover	Size Class	DBH	Age
Black/Red (Hybrid) Oak	68	Log/XLog	15	101
White Pine	10	Pole/Log	8	
Red Pine	5	Log/Pole/XLog	12	
Balsam Fir	2	Pole	6	
Red Oak	5	XLog	18	
Bigtooth Aspen	5	Pole	7	
Red Maple	5	Pole/Log	8	

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	High	Variable	Sapling
Bigtooth Aspen	Medium	>20 feet	Sapling
Black/Red (Hybrid) Oak	Low	Variable	Sapling
White Pine	Low	Variable	Sapling
Balsam Fir	Medium	Variable	Sapling
Red Pine	Low	>20 feet	Sapling

40 4125 - Black, N. Pin Oak Sawtimber Medium 19.0 92 1-50 N/A

Species removal harvests in past. Stand basal area is variable across the stand.

Canopy Species	% Cover	Size Class	DBH	Age
White Pine	3	Log/Pole	12	
Red Pine	10	Log/Pole	13	
Red Oak	27	Log/XLog	16	
Black/Red (Hybrid) Oak	60	Log	15	92

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

41 310 - Herbaceous Openland Nonstocked 2.7 Immature No

Sub-Canopy Species	Density	Avg. Height	Size
Blackberry/Raspberry	Low	< 5 feet	Tall Shrub
Mixed Grasses	Low	Unspecified	Non-Wood
Sweet Fern	Medium	< 5 feet	Tall Shrub



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																
42	310 - Herbaceous Openland	Nonstocked	3.8		Immature	No																																																																	
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43	310 - Herbaceous Openland	Nonstocked	1.6		Unspecified		Trees colonizing the opening but browsed down to 2'.																																																																
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44	4131 - Aspen, Oak	Poletimber Well	32.5	49	111-140	N/A	Two ages of red pine, likely of natural origin. About 60 for small log and pole sized trees, about 120 for large log trees. Aspen heights and diameters decrease to the west significantly but the trees are the same age. Aspen ages support records showing TSI treatments in the area 1971-3.																																																																
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45	4131 - Aspen, Oak	Sapling Well	5.4	15	Immature	N/A	Good amount of hybrid oak mixed in. Much of the red maple is browsed to 3 to 4 ft.																																																																
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46	4136 - Aspen, Mixed Conifer	Sapling Well	24.0	26	1-50	N/A	Just becoming a pole stand. Significant red maple understory.																																																																
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments	
47	429 - Mixed Upland Conifers	Sawtimber Well	20.6	71	81-110	N/A	Some wet ground in the northeast including cedar and swamp conifer inclusions that would be too wet to harvest, perhaps up to 3 acres. Unable to find the monument in the northeast during inventory. It may be farther to the east based on other monuments in the area.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Bigtooth Aspen		3	Pole	7		Balsam Fir		
Black/Red (Hybrid) Oak		5	Log	13	117	Medium		
Balsam Fir		15	Pole/Sapling	5		Trace		
White Pine		30	Log/Pole	11	71	< 5 feet		
Red Pine		15	Log	16	75	High		
Quaking Aspen		5	Log/Pole	12		Variable		
Red Maple		15	Pole/Log	8		Low		
Northern White Cedar		10	Pole/Log	8		< 5 feet		
Paper Birch		2	Pole/Log	8		Sapling		
						Sapling		
48	310 - Herbaceous Openland	Nonstocked	1.4		Immature	No		
Sub-Canopy Species		Density	Avg. Height	Size				
Blackberry/Raspberry		Medium	< 5 feet	Tall Shrub				
Bigtooth Aspen		Low	< 5 feet	Seeding				
49	4134 - Aspen, Spruce/Fir	Poletimber Well	5.8	53	81-110	N/A	A bowl shaped stand with seeps at cedar pockets which can exceed 200BA. Wetter to south.	
Canopy Species		% Cover	Size Class	DBH	Age			
Quaking Aspen		40	Pole/Sapling	6	53			
Balsam Fir		20	Sapling/Pole	4				
Northern White Cedar		10	Log/Pole	11				
Paper Birch		5	Pole/Sapling	6				
White Pine		5	Pole	8				
White Spruce		5	Log	16				
Red Maple		15	Pole/Sapling	5				
50	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	6.3	100	51-80	N/A	Cut at the same time as stand 52 to the south (1999). Prescription must have left all oak and pine.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Red Maple		10	Sapling/Pole	5		Red Maple		
Black/Red (Hybrid) Oak		50	Log/Pole	13	100	Medium		
Bigtooth Aspen		10	Sapling/Pole	3	24	Low		
Paper Birch		2	Pole	9		5 - 10 feet		
White Pine		3	Pole	6		Tall Shrub		
Red Pine		25	Log	13				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																												
51	320 - Upland Shrub	Nonstocked	0.9		Immature	No	Brushing in with seedlings. Heavy browse keeping most of the seedlings below 3'. There is a considerable amount of oak, however.																																																																												
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52	4134 - Aspen, Spruce/Fir	Sapling Well	22.2	25	Immature	N/A	Stand on a side slope transitioning to wetland. South margins are wet, with increasing red maple and cedar patches. In the northeast the stand is more like a lowland aspen stand and also probably too wet to harvest.																																																																												
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53	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	43.5	69	81-110	N/A	Mucky soil. Cedar patches often exceed 200BA.																																																																												
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54	622 - Lowland Shrub	Nonstocked	3.4		Immature	No	Very wet. Standing water on the approach.																																																																												



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55	310 - Herbaceous Openland	Nonstocked	3.4		Immature	No																																			
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56	4131 - Aspen, Oak	Poletimber Well	21.6	49	111-140	N/A	Areas of denser hybrid oak show some suppressed aspen. Looks like a solid monument in the southeast (red topped wood post).																																		
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57	4131 - Aspen, Oak	Poletimber Well	70.5	49	81-110	N/A	Hybrid oak well represented in north, often as poles. BA and product size lower than desirable. A variable stand with dense oak pockets that have suppressed aspen. Witch hazel is very dense at the center. Prefer to hold a while.																																		
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58	4131 - Aspen, Oak	Sapling Well	80.5	3	Immature	N/A	The stand is regenerating well. There is a surprising amount of free to grow oak in northwest. Stand margins see the most browse and least stocking. A bit patchy. Some areas seem almost solid red maple but overall aspen dominates. Maple and aspen about even on north transect.																																		
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59	4130 - Aspen	Sapling Well	40.9	3	Immature	N/A	Clearcut completed 11/02/2020 3 Fast 5 Me Aspen																																		
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61	6124 - Lowland Spruce-Fir	Sapling Well	5.5	54	1-50	N/A	Some areas of blowdown. Scattered ridges where white pine are growing. Despite a harvest record in the last 50 years, this stand seems currently too wet to harvest. The stand contains an old tote road or rail grade.																																																											
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63	4125 - Black, N. Pin Oak	Sawtimber Well	13.1	94	111-140	N/A	Steep slopes to the east ends in swamp with no turn around space. Red Maple seedlings browsed below 3'. Red maple poles about 48 years old. The canopy of this stand is denser than that to north but generally lacks as many poles or saplings. Slopes hold more white pine understory.																																																											
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66	310 - Herbaceous Openland	Nonstocked	0.6	0		No	Missed noting species in this opening. As it was, the entire opening was snow covered at the time of survey.																																																											



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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67	4131 - Aspen, Oak	Poletimber Well	9.1	44	111-140	N/A	New stand. The upland expression of stand 37 to the west. Origin was the same harvest in 1980. Skid trails from last entry evident. Care should be taken when planning harvest in the future.
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Canopy Species	% Cover	Size Class	DBH	Age
Red Oak	13	XLog	18	
Red Pine	2	XLog	21	
White Pine	10	Pole/Log	8	
Balsam Fir	5	Pole	7	52
Bigtooth Aspen	33	Pole	8	44
Red Maple	15	Pole/Sapling	5	
Black/Red (Hybrid) Oak	15	XLog/Log	19	
Quaking Aspen	7	Pole	6	51

Sub-Canopy Species	Density	Avg. Height	Size
Witch Hazel	Low	5 - 10 feet	Tall Shrub
Balsam Fir	Medium	Variable	Sapling
White Pine	Low	Variable	Sapling

68	6112 - Lowland Aspen	Sawtimber Well	5.7	75	51-80	N/A	Broadleaf swamp swale. Too wet.
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Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	30	Log/Pole	12	
Paper Birch	1	Pole	6	
Quaking Aspen	42	Log	13	75
Black Spruce	1	Pole/Log	8	
White Pine	1	Log/XLog	14	
Balsam Fir	15	Pole/Sap/Log	6	
Northern White Cedar	10	Log/Pole	10	122

Sub-Canopy Species	Density	Avg. Height	Size
Black Ash	Low	< 5 feet	Sapling
Tag Alder	High	5 - 10 feet	Tall Shrub

69	429 - Mixed Upland Conifers	Poletimber Well	7.5	120	111-140	N/A	This is a slight rise in swamp bearing upland species. The canopy is broken with a dense fir sapling understory. Some areas are too wet to harvest. A small stand with poor access.
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Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	20	Pole/Log	9	
Balsam Fir	10	Pole	7	
Paper Birch	5	Pole/Log	8	
Red Pine	17	Log/Pole	13	
Black Spruce	5	Pole	8	
White Pine	25	Log/XLog/Pole	14	120
Northern White Cedar	10	Log/Pole	10	
Black/Red (Hybrid) Oak	8	Log/XLog	16	

Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	Low	Variable	Sapling
Huckleberry	Low	< 5 feet	Tall Shrub
White Pine	Low	Variable	Sapling
Blueberry/Bilberry/Cranberry	Low	< 5 feet	Tall Shrub
Balsam Fir	Full	Variable	Sapling

70	42290 - Natural Mixed Pine	Sawtimber Well	3.5	63	81-110	N/A	
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Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	4	Pole/Sapling	7	
White Pine	30	Log/Pole	11	63
Black/Red (Hybrid) Oak	6	XLog	21	
Red Maple	15	Sapling/Pole	4	
Red Pine	45	Log	14	63

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Low	< 5 feet	Sapling
Balsam Fir	Medium	Variable	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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72	6229 - Mixed lowland shrub	Nonstocked	2.3		Immature	No	Wet. Growing in.																																				
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73	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	5.1	130	111-140	N/A																																																	
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75	310 - Herbaceous Openland	Nonstocked	0.6		Immature	No																					
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76	6130 - Fir, Aspen, Maple	Sawtimber Well	10.3	75	141-170	N/A	Slightly higher than surrounding stands, rising in landscape prominence to the north. Still it's too wet and mucky.																																																
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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77 42340 - Upland Spruce/Fir Poletimber Well 3.1 43 141-170 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	5	Log/XLog	16		Witch Hazel	Medium	5 - 10 feet	Tall Shrub
Paper Birch	5	Pole/Log	9					
Balsam Fir	50	Pole	7	43				
Quaking Aspen	20	Log	10					
White Spruce	10	Log	11					
Red Maple	10	Log/Pole	12					

78 4130 - Aspen Poletimber Well 12.5 34 51-80 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	10	Sapling/Pole	4		White Pine	Low	Variable	Sapling
Bigtooth Aspen	74	Pole/Sapling	5	34	Balsam Fir	Low	Variable	Sapling
Black/Red (Hybrid) Oak	2	Pole	8		Black/Red (Hybrid) Oak	Low	< 5 feet	Seeding
Northern Pin Oak	2	XLog	18		Red Maple	High	< 5 feet	Seeding
White Pine	10	Log/Pole	13		Witch Hazel	Low	5 - 10 feet	Tall Shrub
Red Pine	2	Pole	6					

Currently just transitioning from a sapling stand to a pole stand. Stand was probably a result of cleaning up uncut timber along old fence trespasses. The southern boundary of the stand is roughly the old fence line. Heavy browse to red maple.

79 4191 - Mixed Upland Deciduous with Conifer Sawtimber Well 3.1 101 111-140 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	5	Pole/Sapling	6		Balsam Fir	Medium	Variable	Sapling
Black Spruce	5	Pole	7		Black Spruce	Low	Variable	Sapling
Black/Red (Hybrid) Oak	43	Log/Pole	13	101	White Pine	Medium	Variable	Sapling
Red Pine	10	Log/XLog/Pole	14		Huckleberry	Medium	< 5 feet	Tall Shrub
White Pine	15	Log/Pole/XLog	13		Red Maple	Low	>20 feet	Sapling
Red Maple	15	Pole/Sapling	6		Wintergreen	High	< 5 feet	Tall Shrub
Paper Birch	2	Pole	8					
White Oak	3	Log	14					
Jack Pine	2	Log	13	79				

An upland knoll cut off by swamp.

81 6121 - Tamarack Sapling Medium 8.5 110 1-50 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Northern White Cedar	20	Pole/Sapling	6		Black Spruce	Low	5 - 10 feet	Sapling
Black Spruce	15	Sapling/Pole	3		Mixed Sedges/Grasses	Low	Unspecified	Non-Wood
White Pine	5	Pole/Sapling	5		Alder	Medium	5 - 10 feet	Tall Shrub
Tamarack	60	Sapling/Pole	4	110	Sphagnum Moss	High	Unspecified	Non-Wood
					Leatherleaf	High	< 5 feet	Tall Shrub

Nonproductive and too wet.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																																								
83	6233 - Wet Meadow	Nonstocked	6.9		Immature	No	The crossing is a crushed limestone ford 8" deep at time of survey.																																																																																								
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84	6224 - Treed Bog	Nonstocked	7.7			No	Lower and wetter than stand 1 to the south. Sapling size trees (likely stunted) across most of the stand.																																																																																								
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85	42290 - Natural Mixed Pine	Sawtimber Well	10.0	66	81-110	N/A	This stand has high visibility from CR 634. Slopes tend to be steep, often terminating in swamps with no room for machinery to turn around. The northern node looks uncut compared to other portions of the stand as it contains log and pole sized red maple and generally larger diameters over all.																																																																																								
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87	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	3.0	104	171-200	N/A	Spruce and tamarack dominate in the south third while the north two thirds are solidly cedar.																																																												
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89	623 - Emergent Wetland	Nonstocked	8.4			No	Ocqueoc River																																																												
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91	429 - Mixed Upland Conifers	Poletimber Well	1.3	80		N/A	This appears to be an isolated, small upland knoll or ridge surrounded by non-productive, extremely wet cedar. Species composition would probably include balsam fir, similar to stand 92 just south of CR 634, black spruce on the stand margins, cedar mixing in, isolated white pine, and big decadent aspen (based on imagery).																																																												
92	42330 - Upland Fir	Poletimber Well	2.8	30	51-80	N/A	Beavers removed most aspen, basically leaving only conifer.																																																												
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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94	310 - Herbaceous Openland	Nonstocked	2.5	0	Unspecified	No	
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Sub-Canopy Species	Density	Avg. Height	Size
Black/Red (Hybrid) Oak	Low	< 5 feet	Seeding
Black Cherry	Trace	>20 feet	Sapling
White Pine	Trace	>20 feet	Sapling
Bigtooth Aspen	Low	>20 feet	Pole
Mixed Grasses	High	Unspecified	Non-Wood
Serviceberry (Juneberry)	Low	5 - 10 feet	Tall Shrub
Red Maple	High	< 5 feet	Seeding