



Compartment Review Presentation

Cadillac Forest Management Unit

Compartment 63104

Entry Year 2028

Acreage: 1,790

County: Missaukee

Management Area: Cadillac Moraines

Stand Examiner: Ryan Adamczyk

Legal Description:

T21N, R05W, sections 29,30,31,32.

Identified Planning Goals:

Vegetation management in the Upper Muskegon management area (MA) will provide forest products; maintain or enhance wildlife habitat; protect areas of unique threatened, endangered and special concern species; and provide for forest-based recreational uses. Timber management for this 10-year period will focus on harvesting older jack pine and balancing age class distributions of oak, aspen and red pine. Wildlife habitat management objectives include perpetuating early-successional communities for species adapted to young forests for hunting and other wildlife-related recreation. Expected trends within this 10-year planning period are the need to manage exotic species (especially Phragmites and glossy buckthorn), the need to continue to manage cover types for a balanced age-class distribution and an expected increase in recreation pressure.

Soil and topography:

Lupton muck, ribicon sands and Montcalm. Level to gently rolling terrain with small wet pockets scattered throughout the area.

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

Solid state ownership except for consumers energy land in section 31 and a few private residences along Stoney Corners road. Dispersed hunting is the main activity in the compartment, there is also some snowmobile use.

Unique Natural Features:

Cranberry lake is in the southwest corner of the compartment.

Archeological, Historical, and Cultural Features:

There are some old rock fences in several stands.

Special Management Designations or Considerations:

Two pipelines are in the compartment, one active on the east side, and one abandoned on the west side.

Watershed and Fisheries Considerations:

Several small tributaries of Cranberry Creek flow through Compartment 104. Cranberry Creek is a Designated Trout Stream with a self-sustaining population of brook trout. Cranberry Lake is also slightly within Compartment 104, although very little fisheries information exists for that lake.

Wildlife Habitat Considerations:

Featured wildlife species are deer, golden-winged warbler, hare, ruffed grouse, and woodcock. Maintenance of aspen, lowland shrub and forested types, and oak regeneration are management priorities. Timber sale specifications to benefit these featured species (where applicable) will include brush pile creation along lowland edges, protection of mast-bearing wildlife shrubs and ironwood, protection of standing dead snags, and creation of drumming logs (1-2 per acre) and woody debris (tops or whole trees) in aspen cuts. (Victory, 5/24/16)

Mineral Resource and Development Concerns and/or Restrictions

There is no known potential for the occurrence of economic deposits of metallic minerals in this part of the state. No active sand/gravel operations are known to exist in the area, but there may be some potential for sand and gravel within the compartment on the uplands. Much of the compartment occurs within the Cranberry Lake oil & gas and gas storage field. Potential for drilling of additional future production wells within the compartment is unknown. Oil & gas rights within the compartment were leased this year. In addition, storage rights within the compartment are under lease, and there may be some potential for drilling additional future gas storage injection/withdrawal or observation wells. The State does not own all the mineral rights within the compartment. Because the mineral estate is the dominant estate, the surface owner must

provide the owner of the mineral rights reasonable access to the surface for mineral exploration and development.

Vehicle Access:

A forest road access plan is detailed on the compartment map. Identified are state and county roads as well as forest roads and trails under the jurisdiction of the DNR.

Survey Needs:

Adequate corners exist for management activities in this compartment.

Recreational Facilities and Opportunities:

There are no designated trails within this compartment. (T.N. 1/29/16)

Fire Protection:

This area has had a history of moderate sized fires. There is the potential for larger fires in this compartment. Initial attack is from the Houghton Lake Field Office for this area.

Additional Compartment Information:

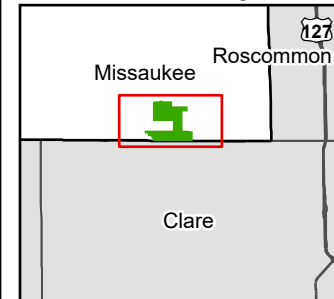
The following reports from the Inventory are attached:

- 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



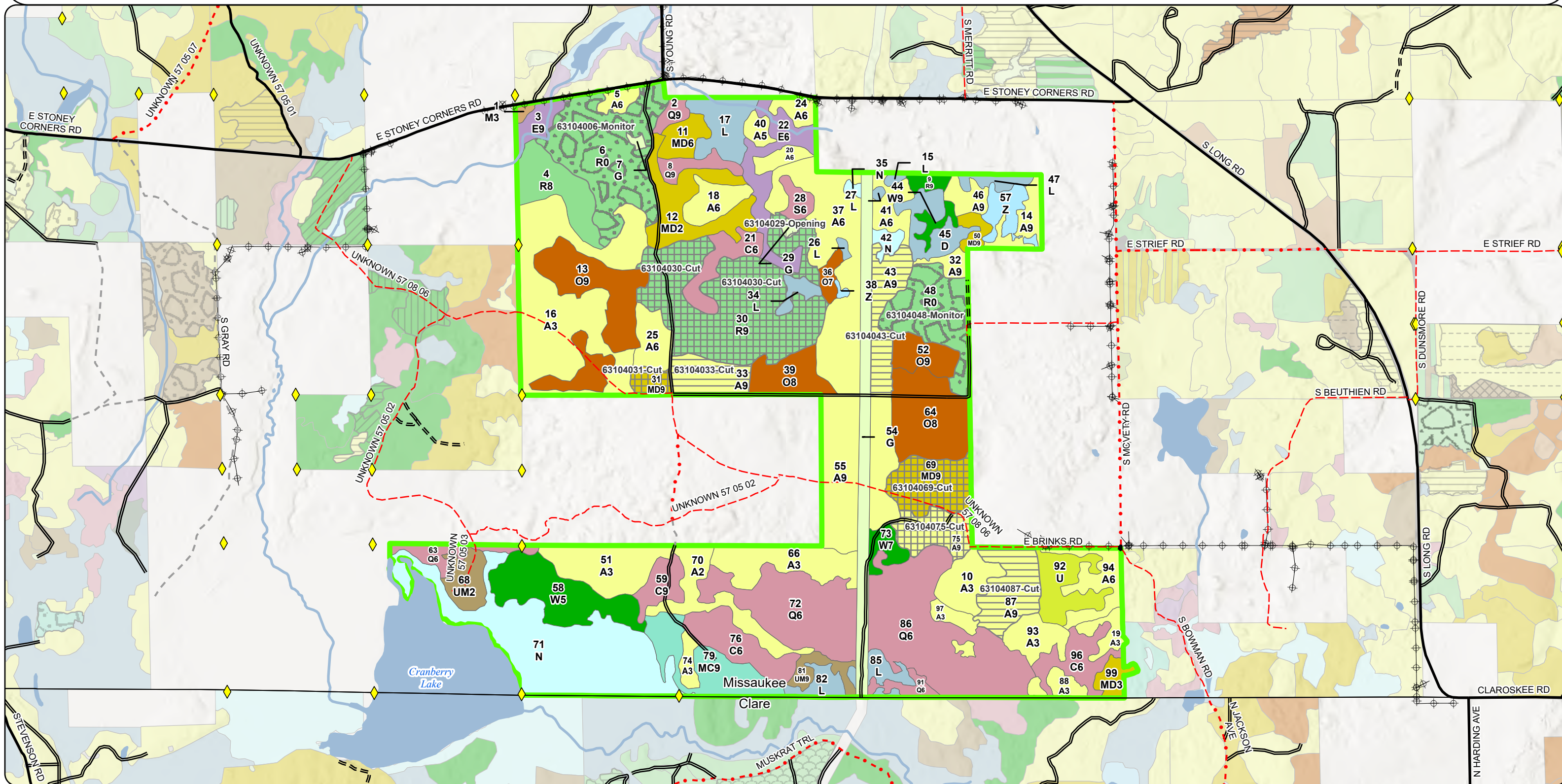
Compartment: 63104
T21N R05W Sec. 29-32
County: Missaukee
Unit: Cadillac
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YOE: 2028
Acres: 1,790 GIS Calculated
Examiner: Ryan Adamczyk
Date Exported: 07/17/2026
Map Phase: Web Post



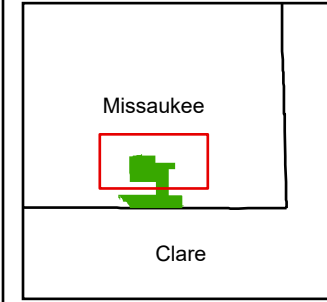
0 0.5 1 Miles

- Survey Grade Corners
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Streams
- Lakes and Rivers
- Electric
- Compartment Boundary
- Clearcut
- Seed Tree
- Openings Mgmt.
- Monitoring - Regeneration

- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 500 - Water
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 622 - Lowland Shrub
- 623 - Emergent Wetland



Stand Boundary Map

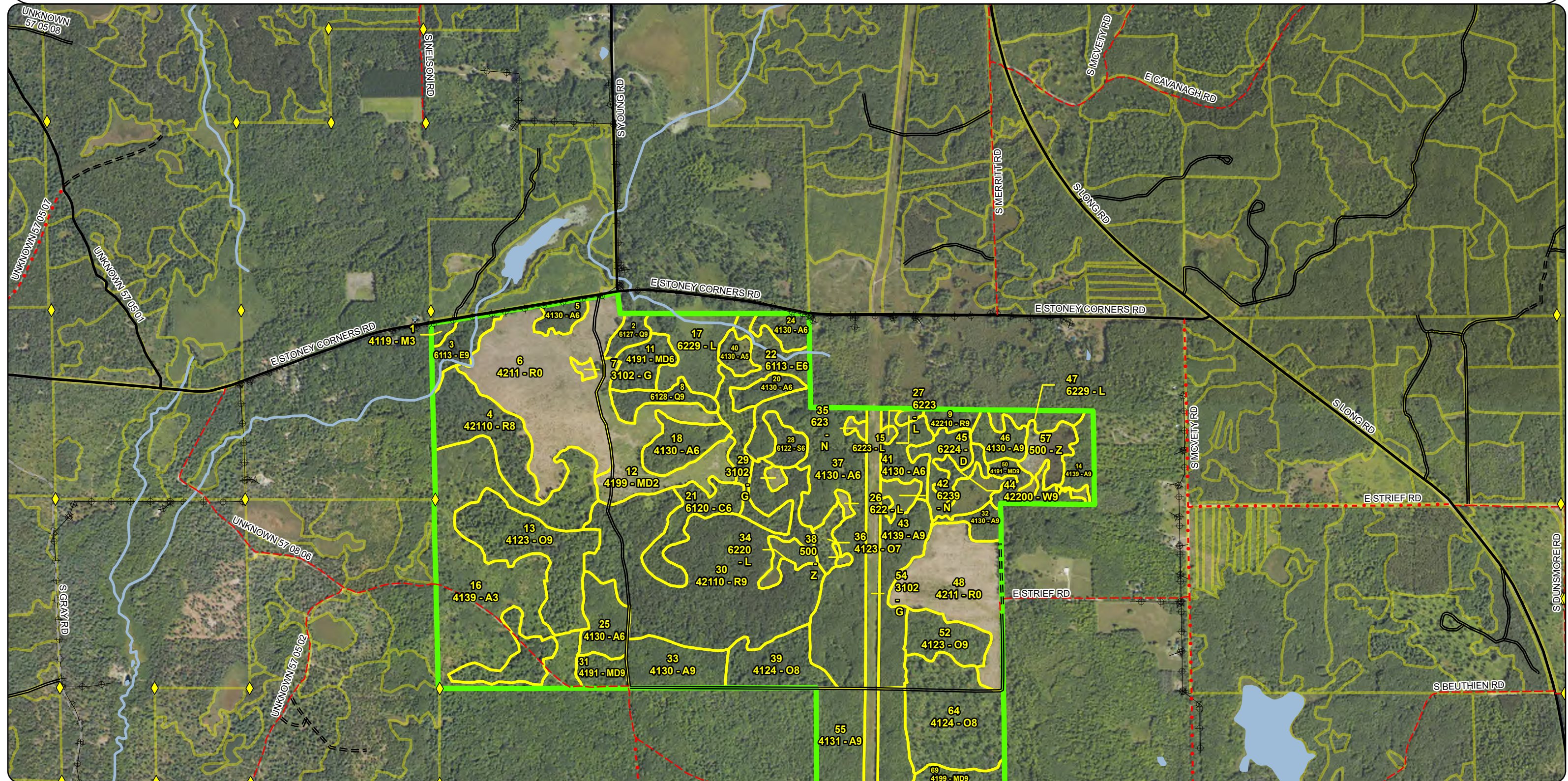


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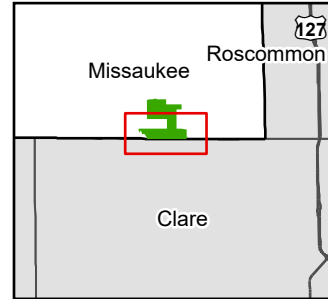
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-  Streams

-  Lakes and Rivers
 Electric
 Compartment Boundary
 Compartment Stand Yellow Outline (PD)
- | | |
|------------------------------|---------|
| 411 - Northern Hardwood | 411 - M |
| 412 - Oak Types | 412 - C |
| 413 - Aspen | 413 - A |
| 419 - Mixed Upland Deciduous | 419 - M |
| 421 - Planted Pines | 421 - F |

- | | |
|---------------------------------|---------------------------------|
| 422 - Natural Pines | 422 - Natural Pines |
| 500 - Water | 500 - Water |
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| 612 - Lowland Coniferous Forest | 612 - Lowland Coniferous Forest |
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| 622 - Lowland Shrub | 622 - Lowland Shrub |
| 623 - Emergent Wetland | 623 - Emergent Wetland |



Stand Boundary Map

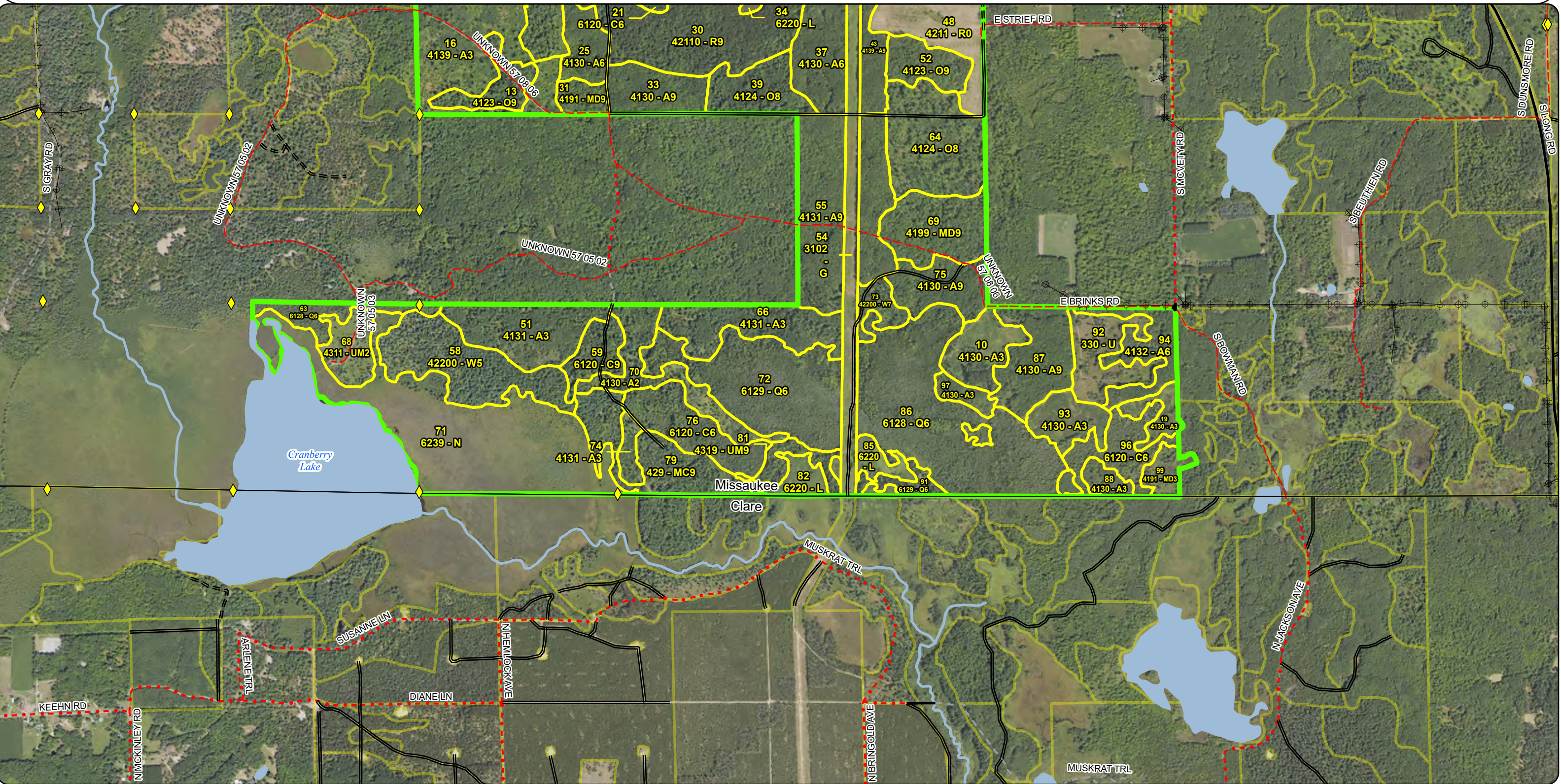


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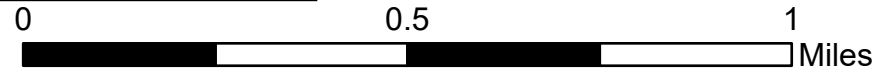
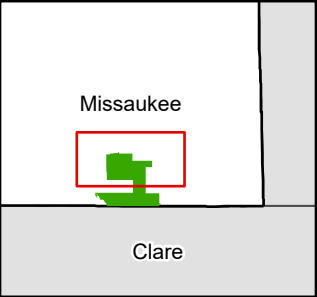
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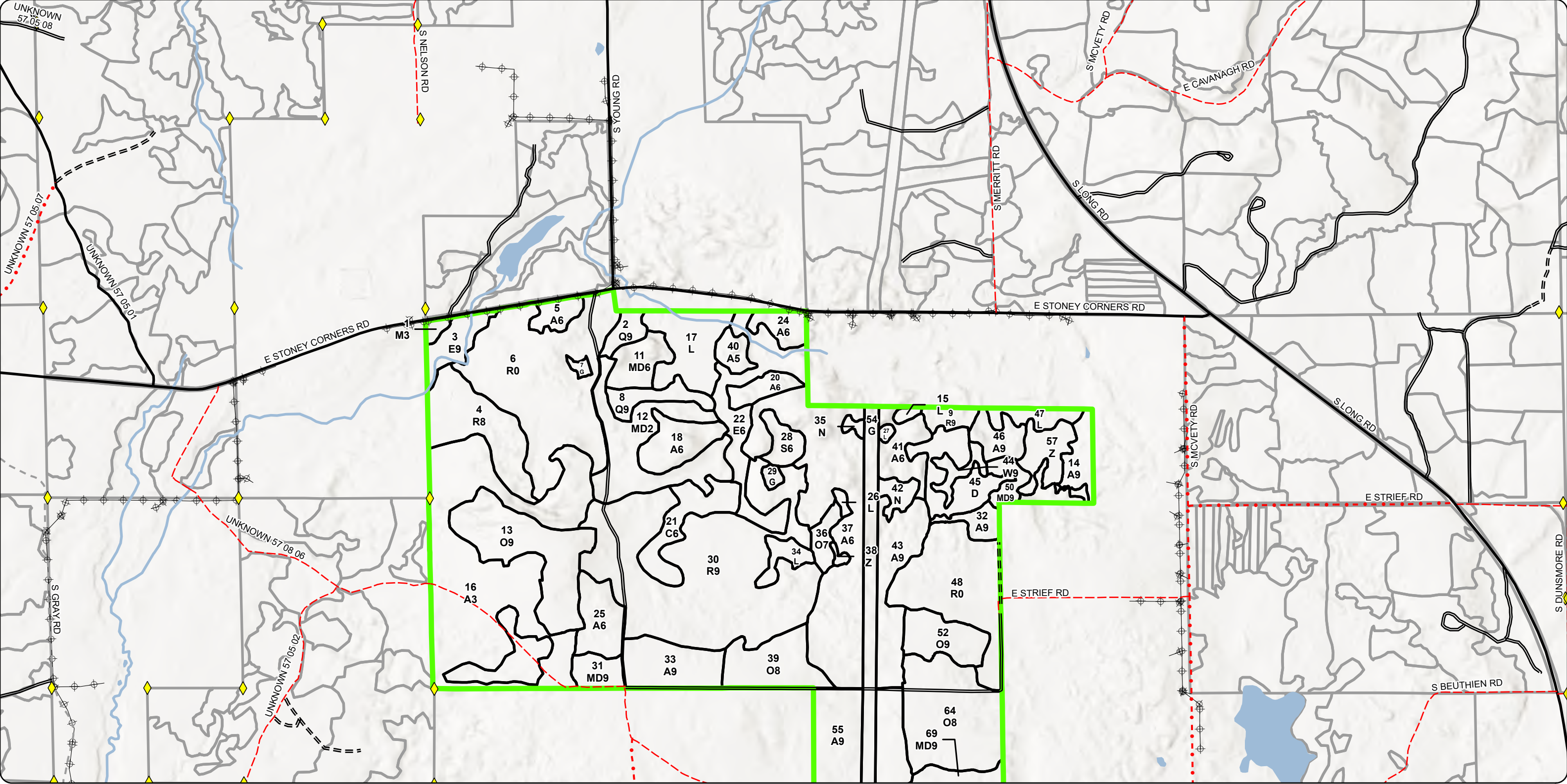


**Special Conservation Areas
& Site Conditions Map**

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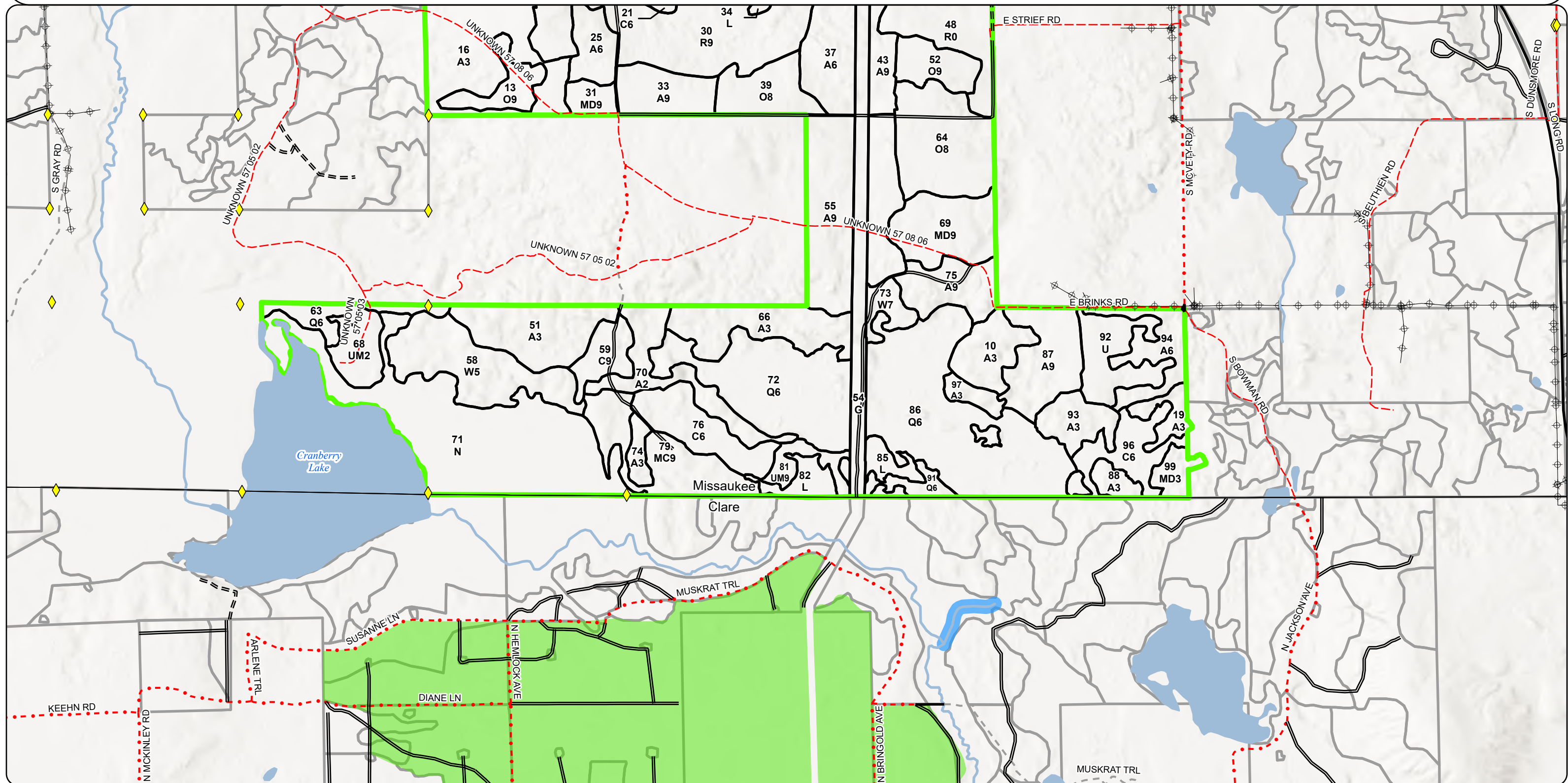
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- Electric
- Compartment Boundary



- • - • County - Gravel Road

 Compartment Boundary

High Priority Trout Stream Buffer



Report 1 – Total Acres by Cover Type and Age Class



Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Uneven-Aged	Total
Aspen	0	42	121	109	104	0	97	120	0	0	0	0	0	0	0	0	0	0	591
Cedar	0	0	0	0	0	0	0	0	0	0	0	30	20	26	0	0	0	0	76
Herbaceous Openland	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45
Low-Density Trees	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23
Lowland Conifers	0	0	0	0	0	0	0	0	0	0	9	12	94	73	0	0	0	0	188
Lowland Deciduous	0	0	0	0	0	0	0	0	27	0	0	10	0	0	0	0	0	0	37
Lowland Shrub	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	55
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	7
Marsh	116	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	116
Mixed Upland Deciduous	0	43	0	0	0	0	11	0	13	0	30	0	0	0	0	0	0	0	97
Northern Hardwood	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Oak	0	0	0	0	0	0	0	0	0	80	57	0	0	0	0	0	0	0	137
Red Pine	119	0	0	0	0	0	0	0	0	152	0	0	0	0	0	0	0	0	271
Treed Bog	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18
Upland Conifers	0	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0	34
Upland Mixed Forest	0	0	14	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	23
Water	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13
White Pine	0	0	0	0	0	0	0	0	48	0	9	0	0	0	0	0	0	0	56
Total	389	85	137	109	104	0	108	120	122	248	105	52	114	99	0	0	0	0	1789



Report 2 – Treatment Summary

Cadillac Mgt. Unit
Year of Entry: 2028

Acres of Harvest

Compartment 104
Total Compartment Acres: 1,790

Commercial Harvest - 502
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	74	0	0	21	0	0	0	0	0	95
Mixed Upland Deciduous	0	0	0	37	0	0	0	0	0	37
Red Pine	0	0	0	118	0	0	0	0	0	118
Total	74	0	0	176	0	0	0	0	0	250

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	250	0	0	0	0	0	119	0	0	370
Next Step	0	0	0	0	0	0	250	0	0	250
Total	250	0	0	0	0	0	369	0	0	620



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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Proposed Treatments:

29	63104029-Opening	1.6	3102 - Grass	99			Openings Mgmt.	Openings Mgmt.	310 - Herbaceous Openland	Previous Inventory	No
<u>Prescription</u> Cut brush and trees to keep open. Possibly plant forage and/or mast species. <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2027											
30	63104030-Cut	117.8	42110 - Planted Red Pine	9	86	141-170	Harvest	Seed Tree	4191 - Mixed Upland Deciduous with Conifer	Cutting Record	No
<u>Prescription</u> Cut only red pine and red maple greater than 2 inches DBH. Leave one healthy red pine at least 14 inches DBH every 100 feet. Use oak wilt spec with no exceptions. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> oak sp., aspen, red maple, red pine <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2027											
31	63104031-Cut	7.3	4191 - Mixed Upland Deciduous with Conifer	9	75	81-110	Harvest	Seed Tree	4129 - Mixed Oak	Planting Record	No
<u>Prescription</u> Green mark a mix of representative species to leave 10-30 BA. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> oak sp., aspen, pine sp, red maple <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2027											



Standard

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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33	63104033-Cut	19.8	4130 - Aspen	9	65	141-170	Harvest	Clearcut	413 - Aspen	Planting Record	No
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Prescription Cut all trees greater than 2" at DBH. Mark a few retention islands to meet retention guidelines. Green mark to leave any high quality sugar maple present. Use grouse spec. Use oak wilt spec with exceptions.

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

Acceptable aspen, sugar maple, red oak
Regen:

Other
Comment:

Site Condition:

Proposed Start Date: 10/01/2027

43	63104043-Cut	24.6	4139 - Aspen, Mixed Deciduous	9	68	141-170	Harvest	Clearcut	4131 - Aspen, Oak	Planting Record	No
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Prescription Cut all trees greater than 2" DBH. Mark a few islands to meet retention standards. Use grouse spec. Use oak wilt spec with exceptions.

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

Acceptable aspen, oak sp., red maple
Regen:

Other
Comment:

Site Condition:

Proposed Start Date: 10/01/2027

69	63104069-Cut	29.6	4199 - Other Mixed Upland Deciduous	9	93	81-110	Harvest	Seed Tree	4124 - Red with White Oak	Planting Record	No
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Prescription Cut all trees except white oak and red/white pine. Mark a couple small islands for retention following retention guidelines. Use oak wilt spec with exceptions,

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

Acceptable oak sp, aspen, white pine, red maple
Regen:

Other
Comment:

Site Condition:

Proposed Start Date: 10/01/2027

75	63104075-Cut	21.2	4130 - Aspen	9	53	111-140	Harvest	Seed Tree	4131 - Aspen, Oak	Planting Record	No
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Prescription Cut all trees except white oak and red/white pine. Mark a couple small islands for retention following retention guidelines. Use grouse spec. Use oak wilt spec with exceptions.

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

Acceptable aspen, oak sp, red maple, balsam fir
Regen:

Other
Comment:

Site Condition:

Proposed Start Date: 10/01/2027



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
87	63104087-Cut	29.5	4130 - Aspen	9	64	111-140	Harvest	Clearcut	4139 - Aspen, Mixed Deciduous	Planting Record	No
<u>Prescription</u> Cut all trees greater than 2" DBH. Mark a few islands for retention following retention guidelines. Use grouse spec. Use oak wilt spec with exceptions. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> aspen, oak sp., red maple, pine sp. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2027											

Approved Treatments:

6	63104006-Monitor	75.9	4211 - Planted Red Pine	0	2	Immature	Monitoring	Monitoring - Regeneration	4211 - Planted Red Pine		No
<u>Prescription</u> <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> Planted red pine <u>Regen:</u> <u>Other</u> Percent to Treat = 100% <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 01/01/2026											
48	63104048-Monitor	43.0	4211 - Planted Red Pine	0	2	Immature	Monitoring	Monitoring - Regeneration	4211 - Planted Red Pine		No
<u>Prescription</u> <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> Planted red pine <u>Regen:</u> <u>Other</u> Percent to Treat = 100% <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 01/01/2026											

Total Treatment 370.3
Acreage Proposed:

Report 4 – Site Conditions

Cadillac Mgt. Unit
Ryan Adamczyk: Examiner

Compartment: 104
Year of Entry: 2028



Availability for Management

Total Acres	Acres Available	Acres With Condition	Acres Not Available
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Dominant Site Conditions

5B	5C	2G	2H	5E
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558	467	83	8	Aspen		83			8
75	63	0	13	Cedar			13		
45	45	0	0	Herbaceous Openland					
23	23	0	0	Low-Density Trees					
189	68	0	121	Lowland Conifers			121		
37	27	0	10	Lowland Deciduous			10		
55	55	0	0	Lowland Shrub					
7	7	0	0	Lowland Spruce/Fir					
116	116	0	0	Marsh					
90	89	0	1	Mixed Upland Deciduous					1
2	2	0	0	Northern Hardwood					
135	5	130	0	Oak	65	65			
270	242	29	0	Red Pine	29				
18	18	0	0	Treed Bog					
34	0	34	0	Upland Conifers		34			
23	14	0	9	Upland Mixed Forest				9	
13	13	0	0	Water					
56	14	43	0	White Pine	43				
1,748	1,268	318	162	Total Forested Acres	137	182	143	9	10
	73%	18%	9%	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
2	Available		5C: Delay treatment for age/size class diversity or exceptional site quality	52	Unspecified	Unspecified	Unspecified	Unspecified
Comments:								

Report 4 – Site Conditions

Cadillac Mgt. Unit
Ryan Adamczyk: Examiner

Compartment: 104
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3	Available	5B: Maintain for regeneration purposes	29	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
4	Unavailable	5E: Long-Term Retention	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Available	5B: Maintain for regeneration purposes	45	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	12	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
8	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
9	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Cadillac Mgt. Unit
Ryan Adamczyk: Examiner

Compartment: 104
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10	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
11	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	100	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
12	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
13	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	53	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
16	Available	5B: Maintain for regeneration purposes	20	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Cadillac Mgt. Unit
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19	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	34	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
20	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
21	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	114	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
23	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	19	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
24	Available	5B: Maintain for regeneration purposes	43	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Cadillac Mgt. Unit
Ryan Adamczyk: Examiner

Compartment: 104
Year of Entry: 2028



25	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	15	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
26	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	64	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
Comments				



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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																		
1	4119 - Mixed Northern Hardwoods	Sapling Well	1.9	15	Immature	N/A	Red pine was final harvested in 2010 with sale # "63-023-08", "Redstone Pine". The stand is coming back to a mix of hardwoods.																																																		
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Maple</td><td>65</td><td>Sapling</td><td>2</td><td>15</td></tr><tr><td>White Oak</td><td>10</td><td>Sapling</td><td>1</td><td></td></tr><tr><td>Bigtooth Aspen</td><td>15</td><td>Sapling</td><td>2</td><td></td></tr><tr><td>Red Oak</td><td>10</td><td>Sapling</td><td>1</td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	65	Sapling	2	15	White Oak	10	Sapling	1		Bigtooth Aspen	15	Sapling	2		Red Oak	10	Sapling	1																										
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2	6127 - Lowland Pine	Sawtimber Well	5.2	125	111-140	N/A																																																			
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3	6113 - Lowland Maple	Sawtimber Well	9.9	100		N/A	Low hardwoods with stream running through it.																																																		
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Maple</td><td>80</td><td>Log/Pole</td><td>14</td><td>100</td></tr><tr><td>Rock Elm</td><td>10</td><td>Pole</td><td>6</td><td></td></tr><tr><td>Quaking Aspen</td><td>10</td><td>Log/Pole</td><td>12</td><td></td></tr></table> <table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Red Maple</td><td>Low</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Black Cherry</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Green Ash</td><td>Low</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Musclewood/Hornbeam</td><td>Low</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr></table>							Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	80	Log/Pole	14	100	Rock Elm	10	Pole	6		Quaking Aspen	10	Log/Pole	12		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Low	10 - 20 feet	10 - 20 feet	Black Cherry	Low	5 - 10 feet	5 - 10 feet	Green Ash	Low	10 - 20 feet	10 - 20 feet	Musclewood/Hornbeam	Low	10 - 20 feet	10 - 20 feet											
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4	42110 - Planted Red Pine	Sawtimber Medium	28.9	86	51-80	N/A	Stand was treated in 2010 with timber sale # "63-023-08", "Redstone Pine". Red pine was thinned as well as removing all aspen, red maple, and black cherry.																																																		
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Bigtooth Aspen	Full	>20 feet	>20 feet																																																						
5	4130 - Aspen	Poletimber Well	5.8	34	111-140	N/A	Good looking Aspen Pole stand																																																		
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6	4211 - Planted Red Pine	Unspecified	75.9	2	Immature		planted spring of 2024 1028 TPATrenched 8/22Final harvest in 2021. Bear Fur Pine																																																		
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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7 3102 - Grass None 1.3 Oil and Gas Project. Permit No. 42716. Plugged 3/8/2002.
Previous Inventory Comments: Shrub present is Autumn Olive

8 6128 - Lowland Coniferous, Mixed Deciduous Sawtimber Well 8.6 94 111-140 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	15	Log/Pole	10		White Pine	Low	Variable	Variable
Black Spruce	10	Pole/Sap/Log	8		Red Maple	Low	>20 feet	>20 feet
Balsam Fir	25	Pole/Log	8		Balsam Fir	Low	10 - 20 feet	10 - 20 feet
Tamarack	5	Pole/Log	8		Tamarack	Trace	10 - 20 feet	10 - 20 feet
Quaking Aspen	10	Log/Pole	10					
White Pine	25	XLog/Log	18	94				
Red Pine	10	Log	12					

9 42210 - Natural Red Pine Sawtimber Well 4.9 84 51-80 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	15	Log/Pole	12		Red Maple	Low	10 - 20 feet	10 - 20 feet
Bigtooth Aspen	15	Log/Pole	12		Witch Hazel	Low	5 - 10 feet	5 - 10 feet
Red Pine	65	XLog/Log	18	84				
White Pine	5	Log	12					

10 4130 - Aspen Sapling Well 18.5 6 Immature N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	4	Sapling	1		Balsam Fir	Low	>20 feet	>20 feet
Red Maple	15	Sapling	1		Ironwood	Low	10 - 20 feet	10 - 20 feet
Basswood	2	Sapling	1		Cherry (spp.)	Low	10 - 20 feet	10 - 20 feet
Red Oak	10	Sapling	1		Red Maple	Low	10 - 20 feet	10 - 20 feet
Bigtooth Aspen	65	Sapling	1	6				
White Oak	2	Sapling	1					
White Ash	2	Sapling	1					

Stand was treated in late spring 2020 with timber sale # "63-013-18", "Can Opener Aspen".



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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																					
11	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	11.1	56	51-80	N/A	There's a pocket of young aspen in the NE corner. Hold this stand until aspen is ready to be harvested.																																																																					
		<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Maple</td><td>20</td><td>Pole/Log</td><td>8</td><td></td></tr><tr><td>Balsam Fir</td><td>2</td><td>Pole/Sapling</td><td>6</td><td></td></tr><tr><td>Tamarack</td><td>5</td><td>Pole/Log</td><td>8</td><td></td></tr><tr><td>Quaking Aspen</td><td>25</td><td>Pole/Sap/Log</td><td>8</td><td>56</td></tr><tr><td>Northern Pin Oak</td><td>13</td><td>Log/Pole/XLog</td><td>12</td><td></td></tr><tr><td>Jack Pine</td><td>20</td><td>Pole/Log</td><td>8</td><td></td></tr><tr><td>White Pine</td><td>10</td><td>Log/Pole/Sap</td><td>10</td><td></td></tr><tr><td>White Oak</td><td>5</td><td>Log/Pole</td><td>12</td><td></td></tr></table>	Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	20	Pole/Log	8		Balsam Fir	2	Pole/Sapling	6		Tamarack	5	Pole/Log	8		Quaking Aspen	25	Pole/Sap/Log	8	56	Northern Pin Oak	13	Log/Pole/XLog	12		Jack Pine	20	Pole/Log	8		White Pine	10	Log/Pole/Sap	10		White Oak	5	Log/Pole	12				<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Northern Pin Oak</td><td>Low</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Balsam Fir</td><td>Low</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Red Maple</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Tamarack</td><td>Trace</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>White Pine</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>	Sub-Canopy Species	Density	Avg. Height	Size	Northern Pin Oak	Low	10 - 20 feet	10 - 20 feet	Balsam Fir	Low	10 - 20 feet	10 - 20 feet	Red Maple	Low	5 - 10 feet	5 - 10 feet	Tamarack	Trace	10 - 20 feet	10 - 20 feet	White Pine	Low	5 - 10 feet	5 - 10 feet		
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12	4199 - Other Mixed Upland Deciduous	Sapling Medium	35.4	6	Immature	N/A	Stand was clearcut w/o unmerchantable trees in fall 2020 with timber sale # "63-020-18", "Bear Fur Pine". This stand is being converted from red pine to hardwoods.																																																																					
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13	4123 - Red Oak	Sawtimber Well	51.9	90	51-80	N/A	Cut 2 entry periods ago, left large oak over regen aspen. The regen looks good.																																																																					
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14	4139 - Aspen, Mixed Deciduous	Sawtimber Well	12.6	68	141-170	N/A																																																																						
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15	6223 - Inundated Shrub Swamp	None	1.4			No	Low pocket that extends into the stand off private to the north.																																																																					



MICHIGAN

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																
16	4139 - Aspen, Mixed Deciduous	Sapling Well	99.7	14	Immature	N/A	Stand was treated in 2012 with sale # "63-024-08", "Deerpaw Mix". Good looking regeneration with remnant oaks and pines . There is a Considerable amount of deer browse in this stand.																																																
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Maple</td><td>35</td><td>Sapling</td><td>2</td><td>14</td></tr><tr><td>Red Oak</td><td>10</td><td>Log/Pole/Sap</td><td>14</td><td></td></tr><tr><td>Bigtooth Aspen</td><td>55</td><td>Sapling</td><td>3</td><td>14</td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Red Maple	35	Sapling	2	14	Red Oak	10	Log/Pole/Sap	14		Bigtooth Aspen	55	Sapling	3	14	<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Blackberry/Raspberry</td><td>Low</td><td>< 5 feet</td><td>< 5 feet</td></tr><tr><td>White Pine</td><td>Low</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Red Oak</td><td>Low</td><td>< 5 feet</td><td>< 5 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Blackberry/Raspberry	Low	< 5 feet	< 5 feet	White Pine	Low	10 - 20 feet	10 - 20 feet	Red Oak	Low	< 5 feet	< 5 feet															
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17	6229 - Mixed Lowland Shrub	None	21.6			No	Mostly alder and willow there are a few trees Scattered and Some standing dead																																																
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18	4130 - Aspen	Poletimber Well	13.9	36	81-110	N/A	Stand was treated in late spring 2020 with timber sale # "63-013-18", "Can Opener Aspen".																																																
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19	4130 - Aspen	Sapling Well	8.2	6	Immature	N/A	Stand was treated in 2001 with sale # "63-074-98", "Cranberry Mix".																																																
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21	6120 - Lowland Cedar	Poletimber Well	16.7	100	171-200	N/A																																																	
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22	6113 - Lowland Maple	Poletimber Well	27.4	75	51-80	N/A	Stream running through stand. Some dead ash in the Stand.																																																	
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25	4130 - Aspen	Poletimber Well	14.4	36	111-140	N/A	Regeneration looks good at this time.																																																	
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26	622 - Lowland Shrub	None	1.2			No																																																		
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27	6223 - Inundated Shrub Swamp	None	1.0			No	Low pocket that extends into the stand off private to the north.																																																	
28	6122 - Black Spruce	Poletimber Well	6.6	83	141-170	N/A	wet black spruce stand																																																	
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29	3102 - Grass	None	1.7			No	Oil and Gas Project. Permit No. 42765. Plugged 8/15/2000.																																																	



MICHIGAN

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30	42110 - Planted Red Pine	Sawtimber Well	117.8	86	141-170	N/A	Stand was last thinned in spring 2001 with sale # "63-070-98", "Stoney Young Mix".																																																			
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Oak</td><td>5</td><td>Log/Pole</td><td>10</td><td></td></tr><tr><td>Northern Pin Oak</td><td>5</td><td>Pole/Log</td><td>9</td><td></td></tr><tr><td>Red Pine</td><td>90</td><td>Log/XLog/Pole</td><td>14</td><td>86</td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Red Oak	5	Log/Pole	10		Northern Pin Oak	5	Pole/Log	9		Red Pine	90	Log/XLog/Pole	14	86	<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Red Oak</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Bigtooth Aspen</td><td>Medium</td><td>>20 feet</td><td>>20 feet</td></tr><tr><td>Red Maple</td><td>High</td><td>>20 feet</td><td>>20 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Oak	Medium	5 - 10 feet	5 - 10 feet	Bigtooth Aspen	Medium	>20 feet	>20 feet	Red Maple	High	>20 feet	>20 feet																		
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34	6220 - Alder/Willow	None	5.7			No																																																				
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35	623 - Emergent Wetland	None	1.4			No																																																				



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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
43	4139 - Aspen, Mixed Deciduous	Sawtimber Well	24.6	68	141-170	N/A	Stand is growing well, will hold 1 More rotation. Stems all look good with no evident disease issues.
Canopy Species% CoverSize ClassDBH Age		Sub-Canopy SpeciesDensityAvg. HeightSize					
Red Maple35Pole7		White PineLow>20 feet>20 feet					
Red Oak10Log/Pole10		Red MapleLow10 - 20 feet10 - 20 feet					
Paper Birch1Pole6		Black CherryLow10 - 20 feet10 - 20 feet					
Bigtooth Aspen48Log/Pole1168							
White Pine2Pole/Log8							
Red Pine2Log14							
Jack Pine2Pole/Log8							
44	42200 - Natural White Pine	Sawtimber Well	5.0	72	111-140	N/A	White pine and Red pine supercanopy trees. Narrow Strip between bog and aspen.
Canopy Species% CoverSize ClassDBH Age		Sub-Canopy SpeciesDensityAvg. HeightSize					
Red Maple8Sapling/Pole4		White PineLow10 - 20 feet10 - 20 feet					
Red Oak7Pole/Sapling6		Witch HazelLow5 - 10 feet5 - 10 feet					
Red Pine20XLog/Log18		Red MapleLow10 - 20 feet10 - 20 feet					
Jack Pine5Sapling/Pole4							
White Pine60Log/Pole/XLog1072							
45	6224 - Treed Bog	None	18.4			No	
		Sub-Canopy SpeciesDensityAvg. HeightSize					
		Black SpruceMedium>20 feet>20 feet					
		TamarackLow>20 feet>20 feet					
		LeatherleafHigh5 - 10 feet5 - 10 feet					
		White PineLowVariableVariable					
46	4130 - Aspen	Sawtimber Well	8.5	68		N/A	
Canopy Species% CoverSize ClassDBH Age		Sub-Canopy SpeciesDensityAvg. HeightSize					
Red Maple20Pole/Log8		Red MapleLow10 - 20 feet10 - 20 feet					
Bigtooth Aspen75Log/Pole1068		Witch HazelLow10 - 20 feet10 - 20 feet					
White Pine5Pole/Log8							
47	6229 - Mixed Lowland Shrub	None	6.5			No	
		Sub-Canopy SpeciesDensityAvg. HeightSize					
		White PineTraceVariableVariable					
		Bigtooth AspenLow>20 feet>20 feet					
		Tag AlderHigh5 - 10 feet5 - 10 feet					
48	4211 - Planted Red Pine	Unspecified	43.0	2	Immature		Planted spring of 2024 749 TPASprayed 8/21/2023trenched 2022Final harvested in 2021.
Sub-Canopy SpeciesDensityAvg. HeightSize		Red PineFull< 5 feet< 5 feet					



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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
58	42200 - Natural White Pine	Poletimber Medium	42.7	78	51-80	N/A	White pines and oak with scattered pockets of aspen regen Clones.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Oak		10	Log/Pole	12		Cherry (spp.)	Low	10 - 20 feet	10 - 20 feet
White Oak		5	Log/Pole	10		White Pine	Low	10 - 20 feet	10 - 20 feet
Balsam Fir		2	Pole	6		Witch Hazel	Low	5 - 10 feet	5 - 10 feet
White Pine		80	Pole	9	78	Red Maple	Low	>20 feet	>20 feet
Red Maple		3	Pole/Sapling	6		Bigtooth Aspen	Medium	>20 feet	>20 feet

59	6120 - Lowland Cedar	Sawtimber Well	12.9	105		N/A	Cedar & hemlock mix with Standing water.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Poplar		10	Log	12		Red Maple	Low	10 - 20 feet	10 - 20 feet
Balsam Fir		5	Pole/Log	8		White Pine	Low	5 - 10 feet	5 - 10 feet
Northern White Cedar		50	Log/Pole	10	105	Balsam Fir	Medium	5 - 10 feet	5 - 10 feet
Red Maple		10	Log/Pole/Sap	10					
Hemlock		15	Log/Pole/Sap	10					
White Pine		10	XLog/Log/Pole	18					
63	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	12.4	102	111-140	N/A	Wet lowland conifer mix.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple		10	Pole/Sapling	6		Alder	High	5 - 10 feet	5 - 10 feet
Balsam Fir		30	Pole/Sapling	6		Balsam Fir	Full	5 - 10 feet	5 - 10 feet
Black Spruce		10	Pole/Sapling	6					
Northern White Cedar		30	Pole/Log	8	102				
Bigtooth Aspen		18	Pole/Log	8					
White Pine		2	Log/XLog	16					
64	4124 - Red with White Oak	Sawtimber Medium	44.5	87	1-50	N/A	Stand harvested in fall of 2010 with sale # "63-021-08", "Sunset Mix". All aspen, red maple, and jack pine were cut. Oak and pine were marked to cut.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Oak		70	XLog/Log	18	87	Red Maple	Low	5 - 10 feet	5 - 10 feet
White Oak		30	Log/Pole	12		Red Maple	Medium	>20 feet	>20 feet
						Bigtooth Aspen	High	>20 feet	>20 feet
						Red Oak	Low	5 - 10 feet	5 - 10 feet
						White Oak	Medium	5 - 10 feet	5 - 10 feet



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																
66	4131 - Aspen, Oak	Sapling Well	31.3	25	Immature	N/A	Stand was treated in fall 2000 with sale # "63-076-98", "Stoney Young Aspen 3". Scattered wet areas with marsh grass and cattails.																																																
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68	4311 - Pine, Aspen Mix	Sapling Medium	14.3	10	Immature	N/A	Stand was treated with sale # "63-008-16", "Cranberry Combo". Aspen regeneration with residual pine/conifer mix.																																																
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69	4199 - Other Mixed Upland Deciduous	Sawtimber Well	29.6	93	81-110	N/A																																																	
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70	4130 - Aspen	Sapling Medium	25.3	25	Immature	N/A	Stand was treated in fall 2000 with sale # "63-076-98", "Stoney Young Aspen 3". Did not regenerate very well. Scattered clones of A3 and U type.																																																
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Cherry (spp.)	Low	5 - 10 feet	5 - 10 feet																																																				
71	6239 - Mixed Emergent Wetland	None	109.8			No																																																	



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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																		
72	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	61.5	125		N/A	Cedar swamp. Low and wet.																																																																		
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73	42200 - Natural White Pine	Sawtimber Poor	8.5	94	1-50	N/A	This stand was harvested in fall of 2010 with sale # "63-021-08", "Sunset Mix". Stand slopes down toward the lowland and gets wetter as you approach the southeast edge. Aspen Regenerating Nicely under Retained white Pine.																																																																		
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>White Pine</td><td>98</td><td>Log/Pole</td><td>12</td><td>94</td></tr><tr><td>Red Pine</td><td>2</td><td>Log</td><td>12</td><td></td></tr></table>						Canopy Species		% Cover	Size Class	DBH	Age	White Pine	98	Log/Pole	12	94	Red Pine	2	Log	12		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Red Maple</td><td>Low</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Balsam Fir</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Quaking Aspen</td><td>Full</td><td>>20 feet</td><td>>20 feet</td></tr><tr><td>Paper Birch</td><td>Low</td><td>>20 feet</td><td>>20 feet</td></tr><tr><td>Red Oak</td><td>Low</td><td>>20 feet</td><td>>20 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Low	10 - 20 feet	10 - 20 feet	Balsam Fir	Low	5 - 10 feet	5 - 10 feet	Quaking Aspen	Full	>20 feet	>20 feet	Paper Birch	Low	>20 feet	>20 feet	Red Oak	Low	>20 feet	>20 feet																										
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74	4131 - Aspen, Oak	Sapling Well	5.6	16	Immature	N/A	Stand was treated in fall 2010 with sale # "63-021-08", "Sunset Mix". Clearcut with unmerchantable except oak or cedar.																																																																		
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75	4130 - Aspen	Sawtimber Well	21.2	53	111-140	N/A	Stand is a mixture of older and younger aspen clones, oaks, and red and white pines. The majority of the pines are found in the southern half of the stand.																																																																		
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Stand

Level 4 Cover Type

Size Density

Acres

Stand Age

BA Range

Managed Site

General Comments

86

6128 - Lowland Coniferous, Mixed Deciduous

Poletimber Well

94.3

117

N/A

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	9	Pole	6	
Paper Birch	2	Pole	7	
Quaking Aspen	14	Pole	6	
Balsam Fir	20	Pole/Sapling	5	
Black Spruce	10	Pole	6	
Northern White Cedar	35	Pole/Log	8	117
White Pine	10	Log/Pole	10	

Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	Low	>20 feet	>20 feet
Red Maple	Low	10 - 20 feet	10 - 20 feet
Balsam Fir	Medium	10 - 20 feet	10 - 20 feet

87

4130 - Aspen

Sawtimber Well

29.5

64

111-140

N/A

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	4	Log/Pole	12	
Red Maple	15	Pole/Log	8	
Basswood	2	Pole/Log	8	
Red Oak	6	Log/Pole	12	
Bigtooth Aspen	63	Log/Pole	10	64
White Oak	2	Log/Pole	12	
White Pine	5	Log/Pole	14	
Red Pine	3	Log	12	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Low	>20 feet	>20 feet
Red Maple	Low	10 - 20 feet	10 - 20 feet
Cherry (spp.)	Low	10 - 20 feet	10 - 20 feet
Ironwood	Low	10 - 20 feet	10 - 20 feet

88

4130 - Aspen

Sapling Well

7.6

15

Immature

N/A

Regenerating Habitat Cut. 10-20ft aspen

Canopy Species	% Cover	Size Class	DBH	Age
Black Cherry	5	Sapling	2	
Quaking Aspen	87	Sapling	3	15
Balsam Fir	8	Sapling/Pole	4	

Sub-Canopy Species	Density	Avg. Height	Size
Serviceberry (Juneberry)	Trace	10 - 20 feet	10 - 20 feet

91

6129 - Mixed Coniferous Lowland Forest

Poletimber Well

6.6

120

111-140

N/A

Age estimated not able to reach stand through water. Stand looks to be a mix of lowland conifers and hardwoods.

Canopy Species	% Cover	Size Class	DBH	Age
White Pine	40	Log/Pole/Sap	16	120
Northern White Cedar	15	Log/Pole	10	
Balsam Fir	30	Pole/Log	8	
Red Maple	15	Pole/Log	8	



MICHIGAN

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																													
92	330 - Low-Density Trees	None	23.3			No	This opening is currently filling in with woody species. Without treatment this stand will probably convert to forested.																																													
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93	4130 - Aspen	Sapling Well	15.1	6	Immature	N/A	Stand was treated in late spring 2020 with timber sale # "63-013-18", "Can Opener Aspen".																																													
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94	4132 - Aspen, Jack Pine	Poletimber Well	19.4	63	81-110	N/A	Stand is overstory aspen with jack pine mixed in. This stand is currently providing good wildlife cover but is slowly spreading into the surrounding open areas.																																													
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Quaking Aspen</td><td>60</td><td>Log/Pole</td><td>10</td><td>63</td></tr><tr><td>Jack Pine</td><td>40</td><td>Pole</td><td>8</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Quaking Aspen	60	Log/Pole	10	63	Jack Pine	40	Pole	8				<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Bigtooth Aspen</td><td>Low</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Black Cherry</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Jack Pine</td><td>Medium</td><td>>20 feet</td><td>>20 feet</td></tr><tr><td>Red Oak</td><td>Trace</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>White Oak</td><td>Trace</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Bigtooth Aspen	Low	10 - 20 feet	10 - 20 feet	Black Cherry	Low	5 - 10 feet	5 - 10 feet	Jack Pine	Medium	>20 feet	>20 feet	Red Oak	Trace	5 - 10 feet	5 - 10 feet	White Oak	Trace	5 - 10 feet	5 - 10 feet							
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96	6120 - Lowland Cedar	Poletimber Well	20.1	115	81-110	N/A	This is a nice cedar stand that has some higher ground but is mostly low and wet.																																													
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97	4130 - Aspen	Sapling Well	7.6	16	Immature	N/A	This stand was habitat cut.																																													
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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99	4191 - Mixed Upland Deciduous with Conifer	Sapling Well	7.7	6	Immature	N/A	Stand was treated in late spring 2020 with timber sale # "63-013-18", "Can Opener Aspen".
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	2	Sapling	1		Balsam Fir	High	10 - 20 feet	10 - 20 feet
Quaking Aspen	26	Sapling	1					
Northern White Cedar	5	Log/Pole	10					
Black Cherry	2	Sapling	1					
Balsam Fir	25	Sapling	1					
Red Maple	40	Sapling	1	6				