



Compartment Review Presentation

Gladwin Forest Management Unit

Compartment 73132

Entry Year 2026

Acreage: 2,974

County Arenac

Management Area: Gladwin Lake Plain

Stand Examiner: Scott Shooltz

Legal Description:

T19N - R04E, Sections 1, 3, & 11 - 15 and T19N - R05E, Sections 5 - 9, 17, & 18

Identified Planning Goals:

General goals for this compartment are timber production, wildlife habitat creation, providing recreational opportunity, and reducing resource degradation. These goals are inline with the Gladwin Lake Plain Ecoregion Management Plan which is under the regional Northern Lower Peninsula State Forest Management Plan.

Specific goals within this compartment are: aspen and pine harvests to maintain a balanced age class distribution across the larger ecoregion, establishment of young forests adjacent to mature forests to maximize wildlife habitat, reduce erosive activities within stream corridors, continued development of forest road system for improved recreational access.

Soil and topography:

Five major soil associations dominate compartment 132. They are: the undulating somewhat poorly drained Gladwin-Allendale Association of loamy sands found in lake, outwash, and till plains; the very poorly drained Tawas Carbondale Association muck soils of lake and outwash plain depressions; the Grayling Association of excessively drained sands of moraines and outwash plains, the Rubicon Association of excessively drained sands of lake and outwash plains; and the somewhat poorly drained AuGres-Rubicon Association sands typical of lake and outwash plains.

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

Compartment 132 consists of one large contiguous block of State land somewhat surrounded by a number of smaller disconnected public parcels a few of which are landlocked. The City of Omer is 1.5 miles southeast, with numerous small parcels of rural residences aligning N. Michigan Road, which leads into the area. The compartment is almost entirely surrounded by private land. Much of the private ownership is dedicated to agricultural and recreational uses.

Unique Natural Features:

The Michigan Natural Features Inventory lists the occurrence of Channel darter (*Percina copelandi*) and Wood turtle (*Glyptemys insculpta*) within the compartment. The Rifle River which is a designated Natural River flows through the northern portion of the compartment.

Archeological, Historical, and Cultural Features:

There are known concerns within the compartment. All proposed management activities have taken these concerns into consideration.

Special Management Designations or Considerations:

The Rifle River is a cold water stream and is dedicated as a Special Conservation Area. Additionally it is regulated under the Natural Rivers Act and as such is designated as a High Conservation Value Area as well.

Watershed and Fisheries Considerations:

The compartment lies within the Rifle River Watershed and borders or contains approximately five miles of the river. Several intermittent flowing creeks drain south to Saverine Creek, which flows to the Rifle. The river is heavily fished and canoed. Redhorse Sucker migrate up the Rifle to spawn each spring.

Wildlife Habitat Considerations:

Compartment 132 contains a variety of vegetative types. Upland and lowland systems are present, making it suitable for a number of wildlife species. Game species likely to be present in this compartment include black bear, bobcat, raccoon, coyote, wild turkey, ruffed grouse and white-tailed deer. Many bird species stand to benefit from the juxtaposition of lowland and upland habitats present in the compartment. These include common yellowthroat, yellow-rumped warbler, gray catbird, redbreasted vireo, white-throated sparrow, hermit thrush, red-breasted nuthatch, ruffed grouse, and American woodcock. The compartment is easily accessible to hunters via Grove Road and River Road.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of lacustrine (lake) clay, silt, sand and gravel. The glacial drift thickness varies between 10 and 100 feet. Beneath the glacial drift are the Pennsylvanian Grand River and Saginaw Formations, the Mississippian

Bayport Limestone and the Michigan Formation. The Saginaw Formation is used for clay/shale, the Bayport for limestone/stone and the Michigan is quarried for gypsum. A limestone quarry is located three miles to the east. A gravel pit is located in Section 15 and potential appears to be good. Deep River Field, discovered in 1944, is located in the southwest part of the Compartment. The field has produced over 27 MBO from the Dundee Limestone. The eastern part of the Compartment T19N-R5E is currently leased for oil and gas development.

Vehicle Access:

Access is available through Michigan Avenue, Franklin Trail, and Jose, Steve's, Stalmach, Grove, and Stewart Roads. The interior poor dirt roads can become seasonally impassable.

Survey Needs:

Much of the Compartment has been surveyed. However, registered corners are particularly needed within Sections 17 and 18 to establish property lines.

Recreational Facilities and Opportunities:

Dispersed recreation is popular throughout the compartment due to the proximity of the Rifle River. Often the river is accessed in large vans or conventional vehicles. If the roads used for hauling provide direct access to the river it is strongly encouraged that they continue to be maintained and restored to a condition equal to or better than they were before the sale.

Fire Protection:

The broad accessibility of this compartment should lend itself to assisting wildland fire suppression activities. Some areas however may prove difficult to access as they are bisected by the Rifle River. Additionally there are numerous private residences at the wildland/urban interface in the western and eastern reaches of the compartment.

Additional Compartment Information:

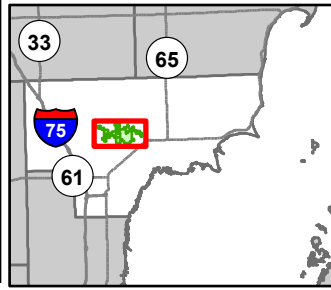
The following reports from the Inventory are attached:

- 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:

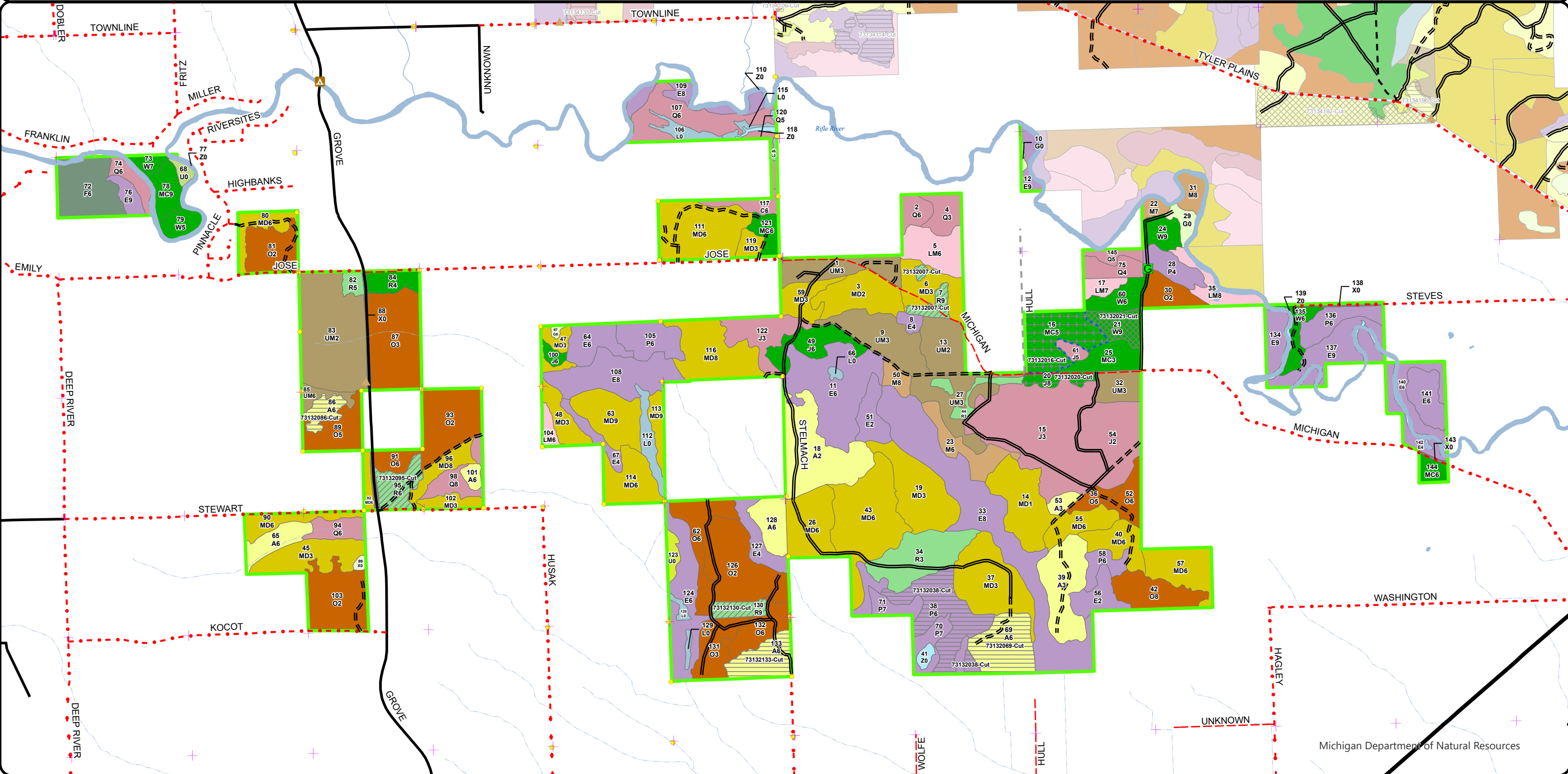
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

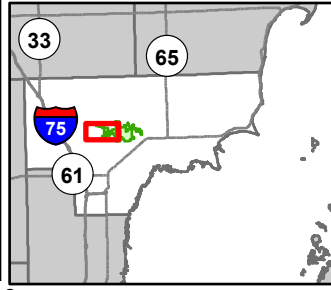


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 Unit: Gladwin
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 Examiner: Scott Sholtz
 Map Revised: 6/6/2024
 Map Phase: Web Post

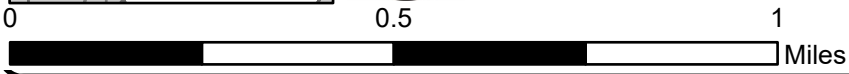
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| ⊕ Remonumented Section Corners | — Intermittent Stream | ▭ Harvest, Overstory Removal | ■ 430 - Upland Mixed Forest | ■ 622 - Lowland Shrub |
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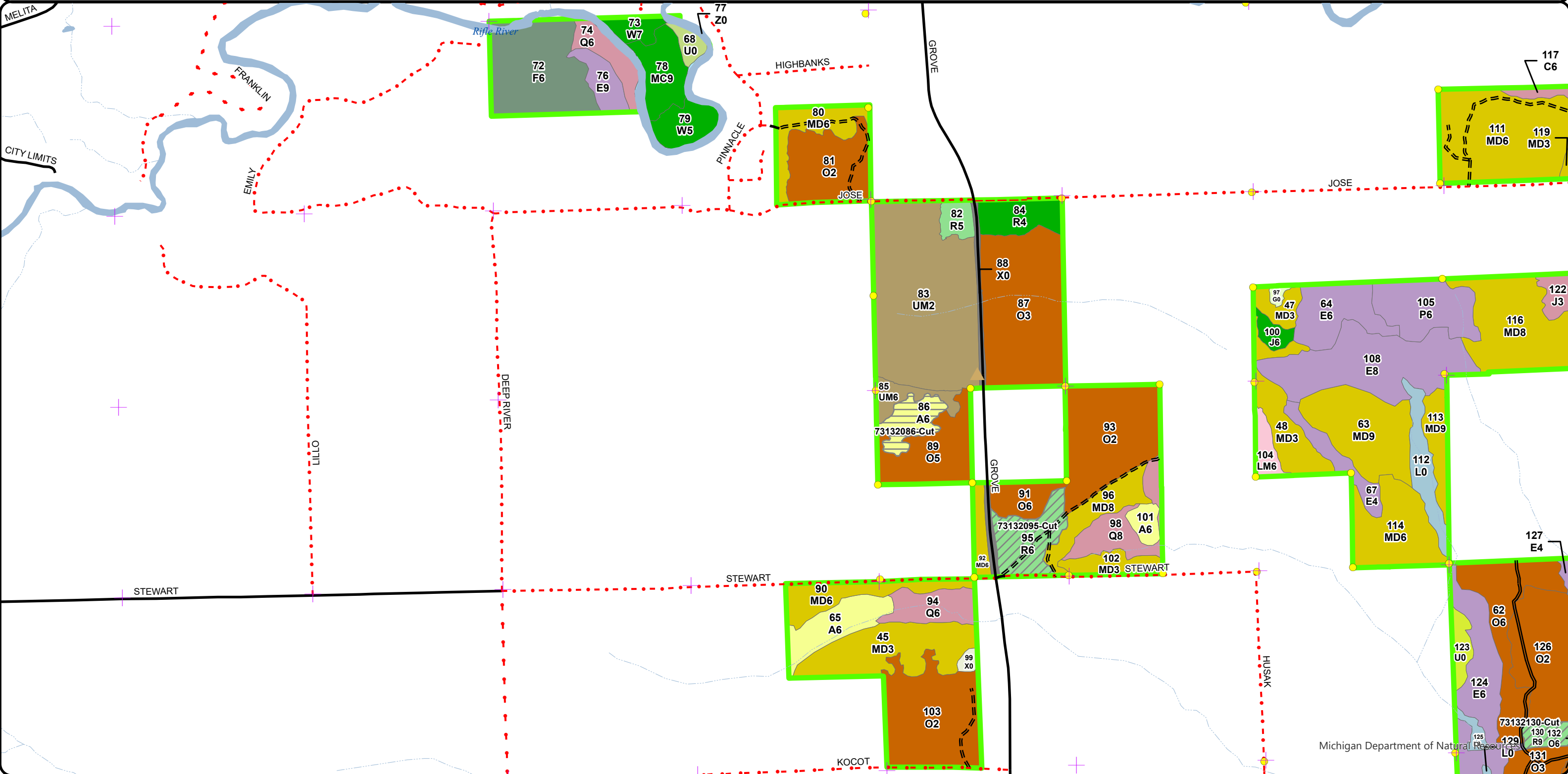
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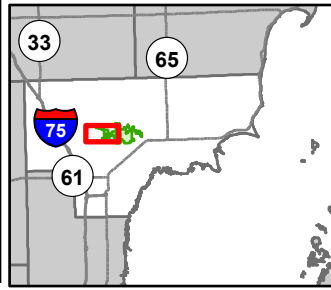
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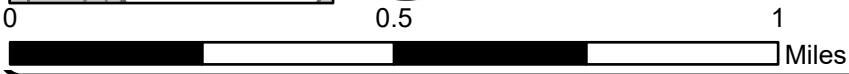
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Stand Boundary Map

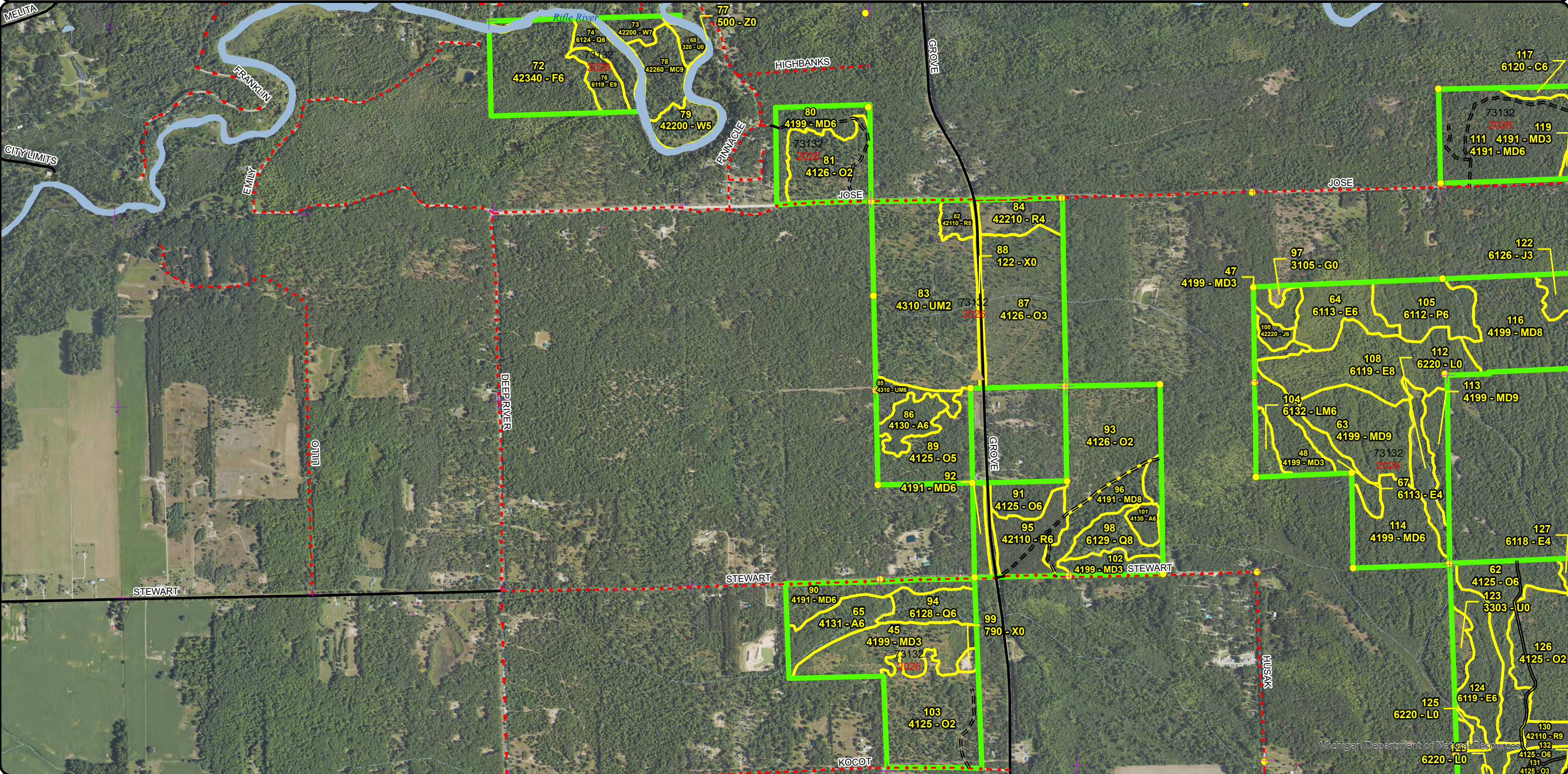


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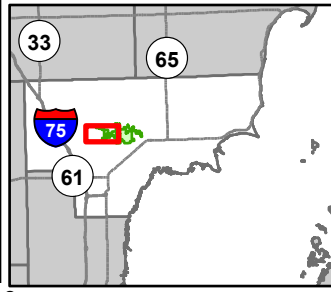


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- ▭ Stand Boundaries
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- 413 - Aspen Types

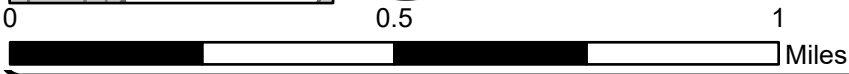
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Special Conservation Areas & Site Conditions Map



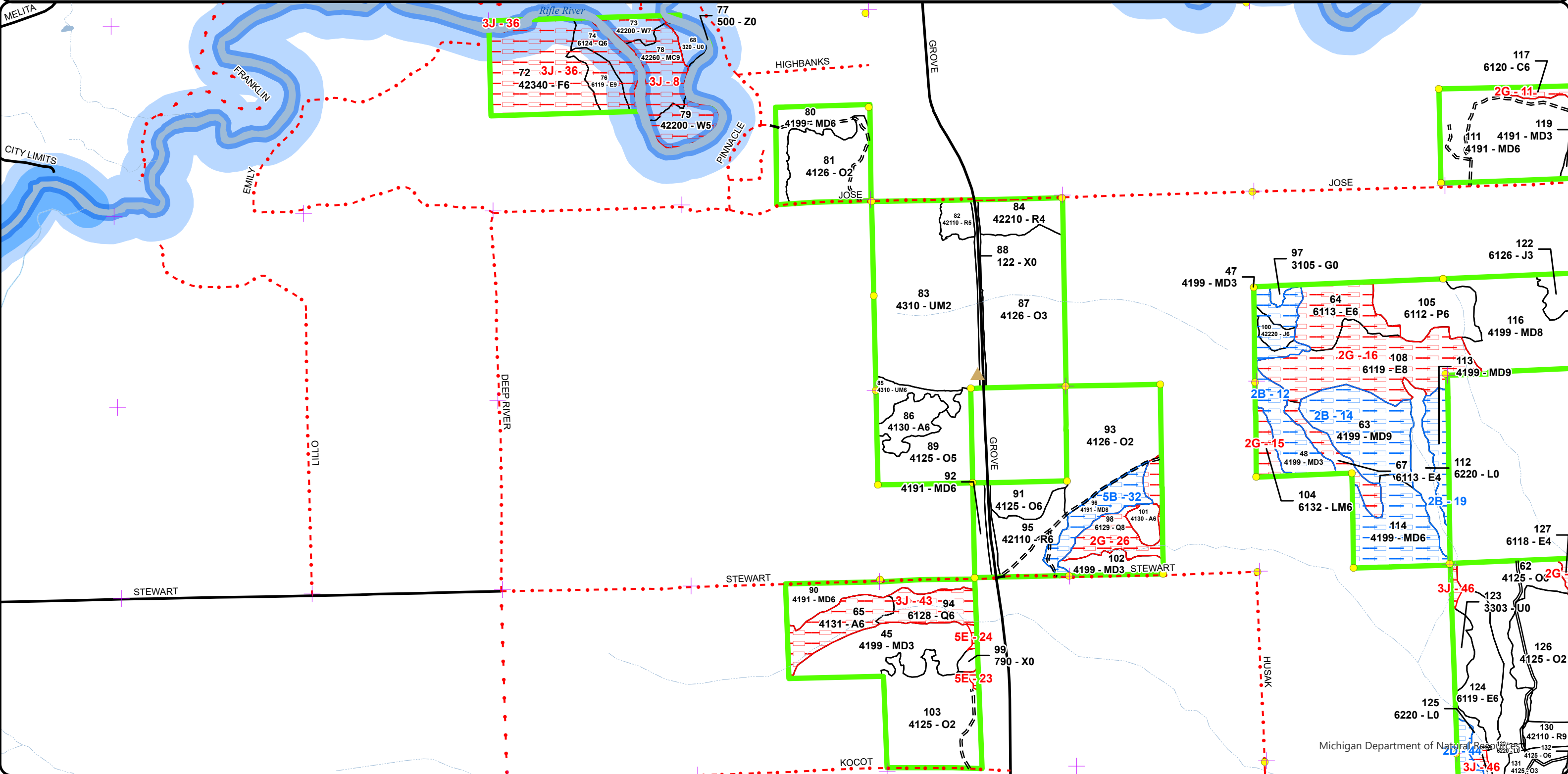
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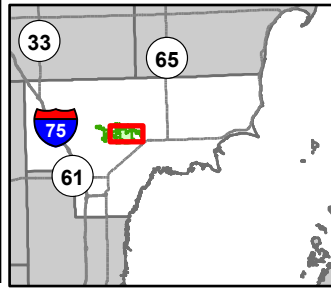
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- 5E: Long-Term Retention
- Stand Boundaries
- Natural Rivers Vegetative Buffer
- Natural Rivers Zoning District
- Cold Water Streams
- High Priority Trout Stream Buffer

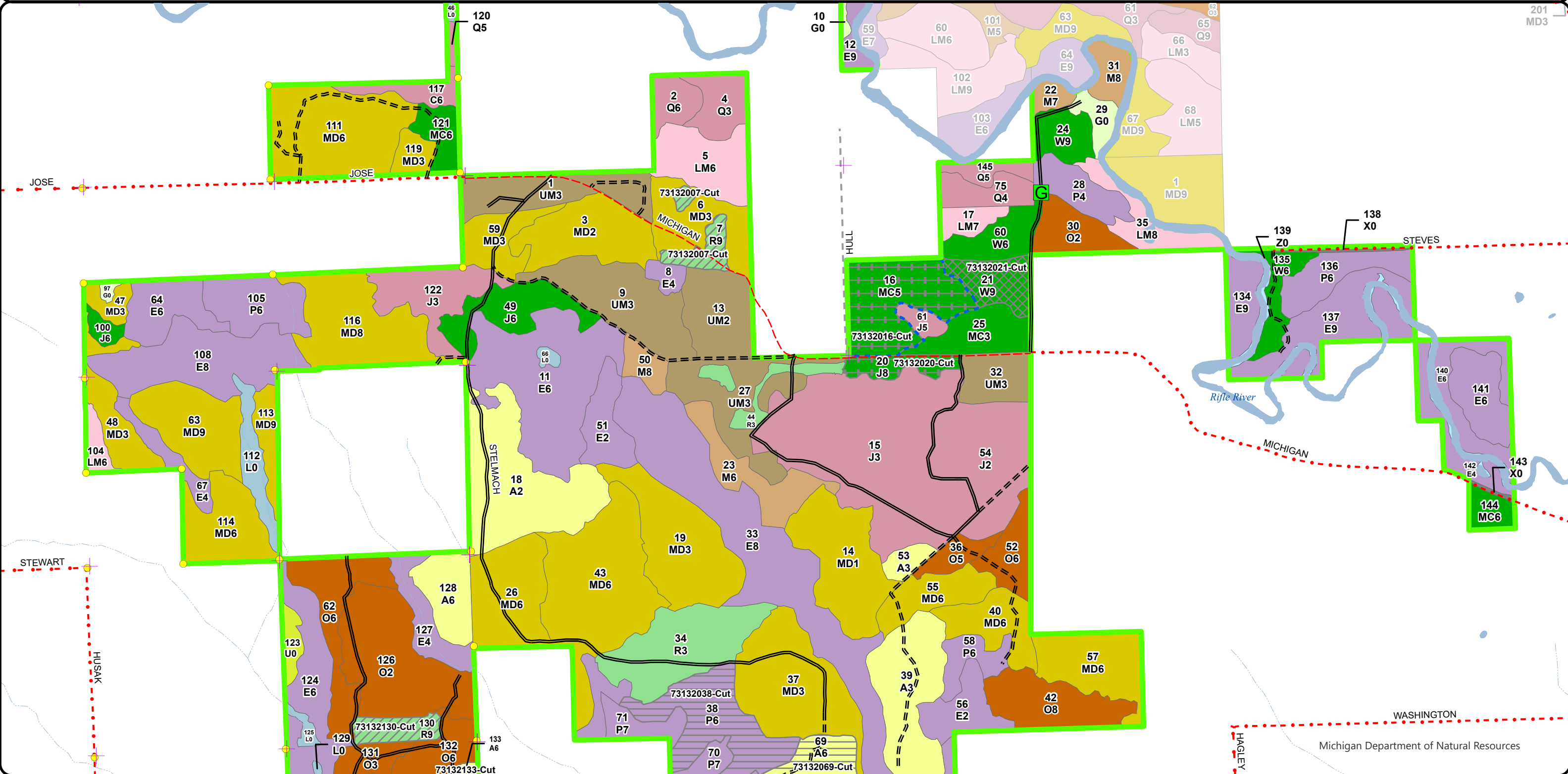
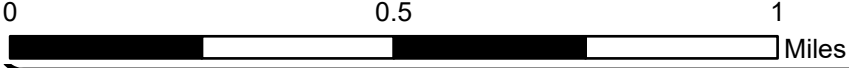


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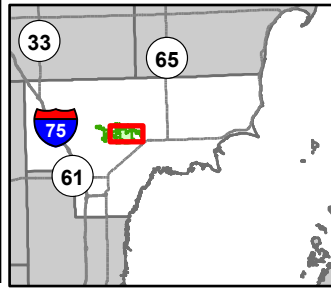


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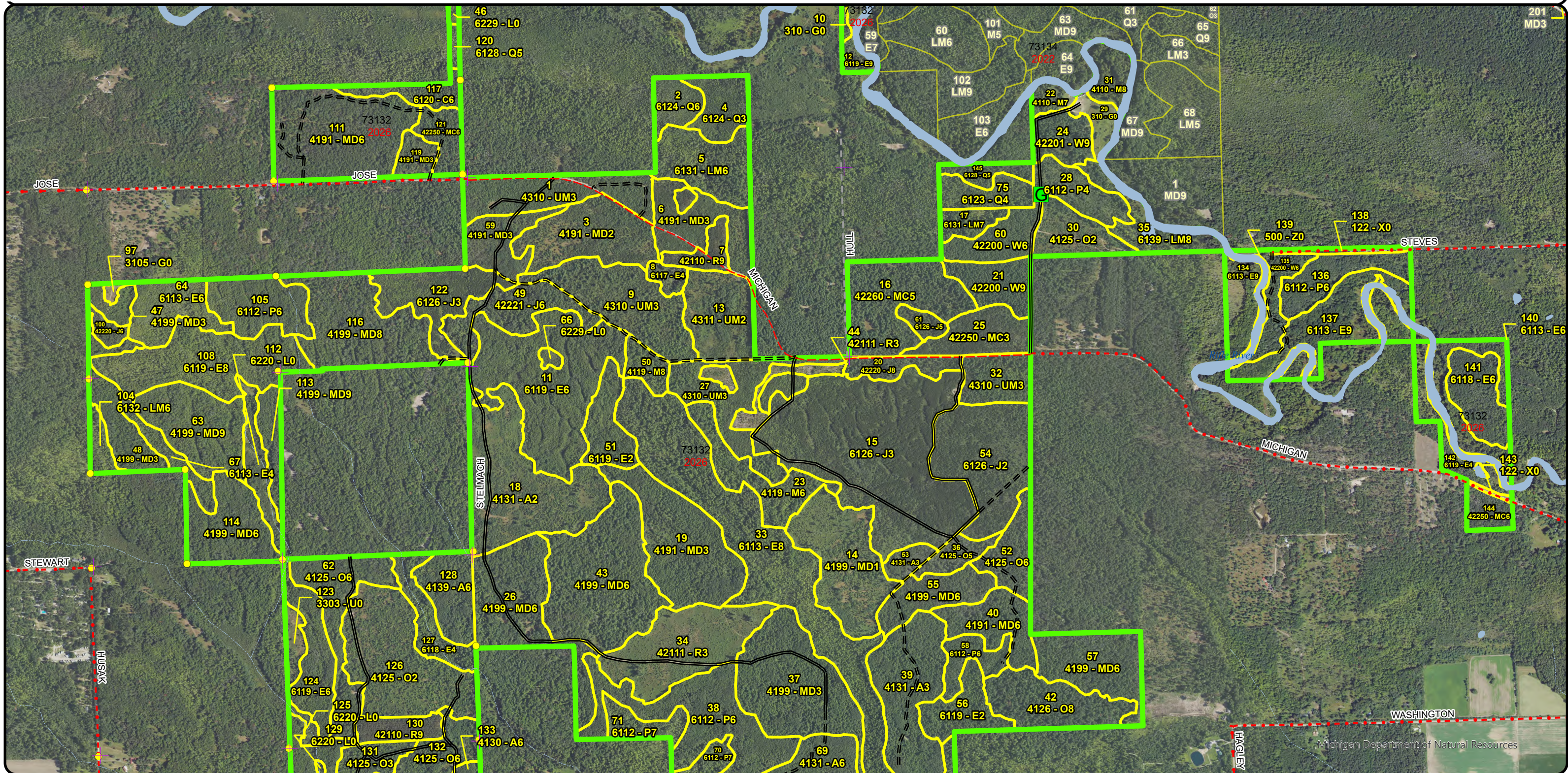


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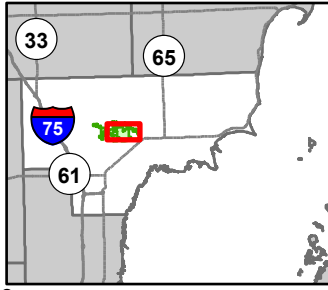
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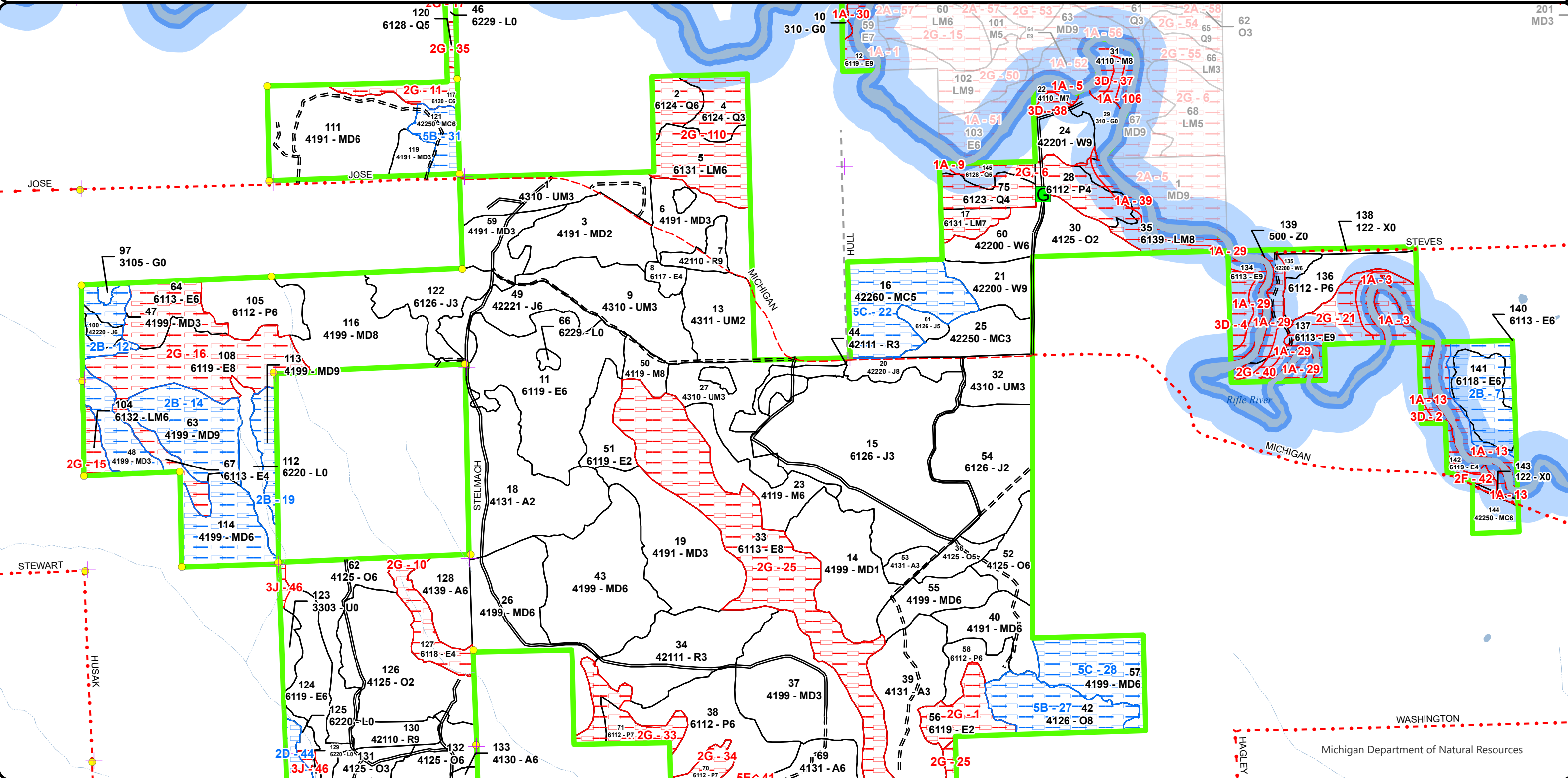


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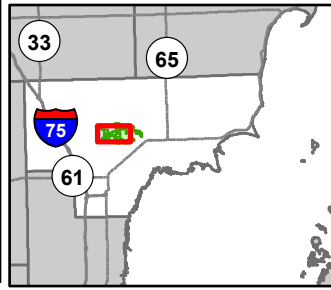
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- 2G: Too wet (sensitive soils, does not include access issues)
- 3D: Recreational / Scenic values
- 3J: Water quality / BMPs (stream, river, or lake)
- 5E: Long-Term Retention
- Stand Boundaries
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- Natural Rivers Zoning District
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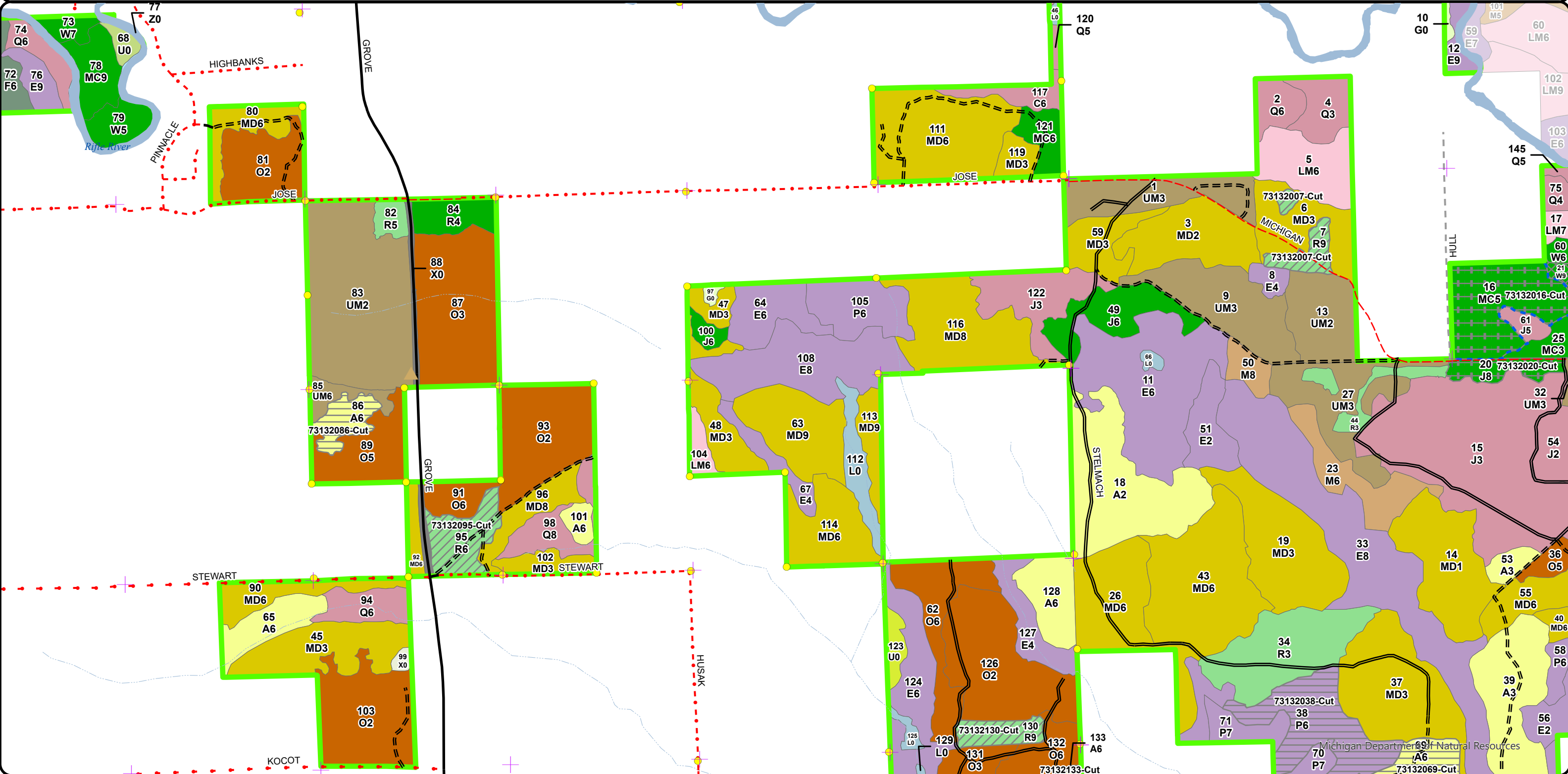
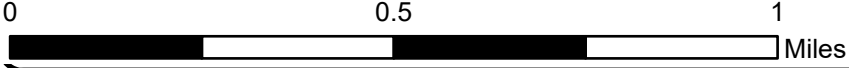


Cover Type & Treatments Map



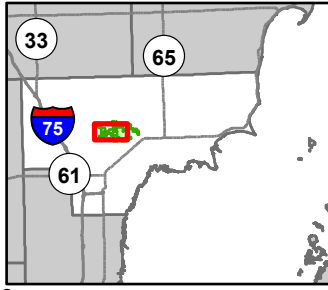
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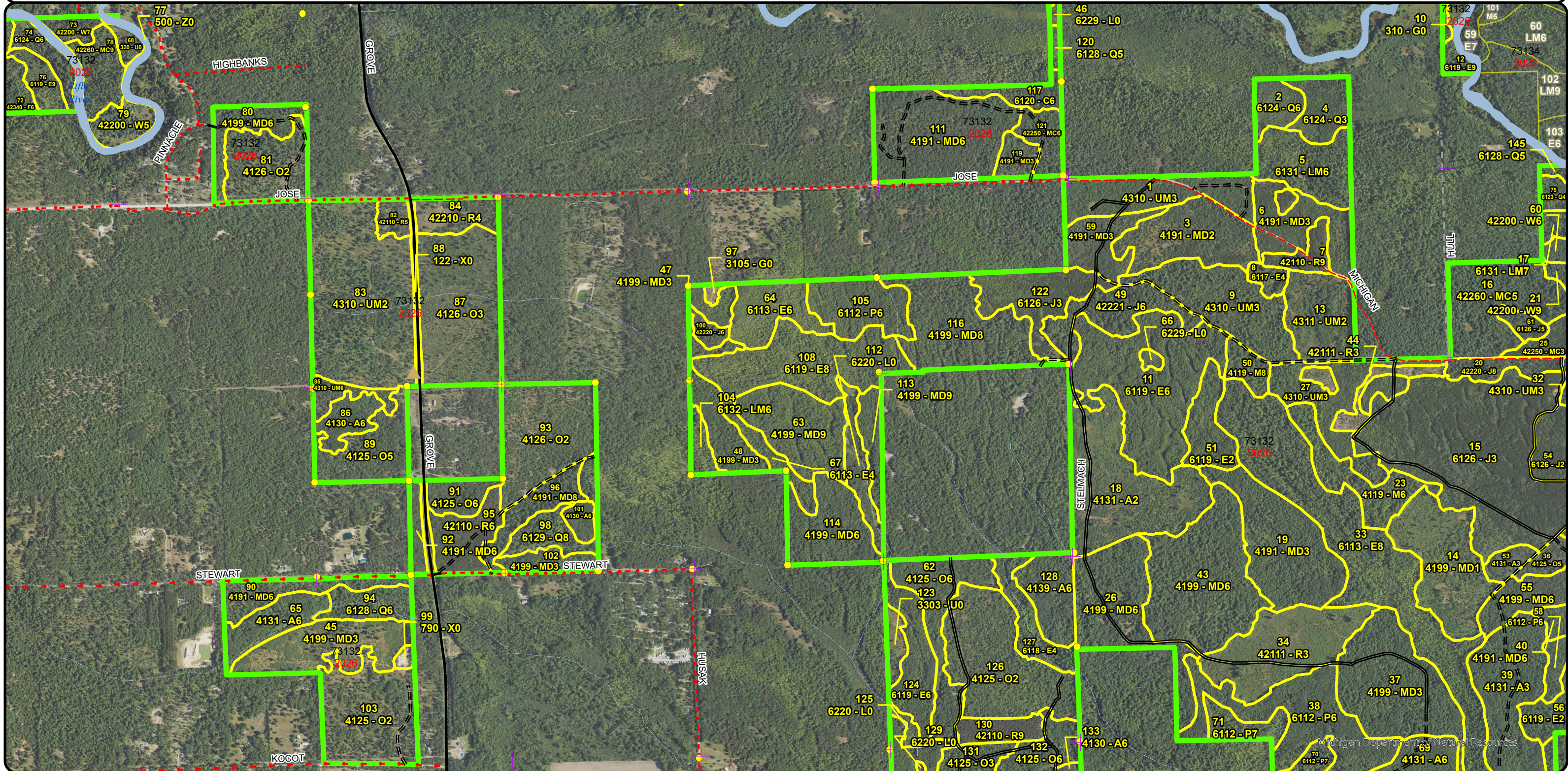
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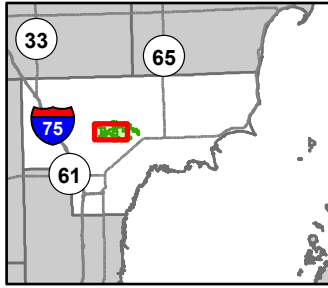
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Special Conservation Areas & Site Conditions Map

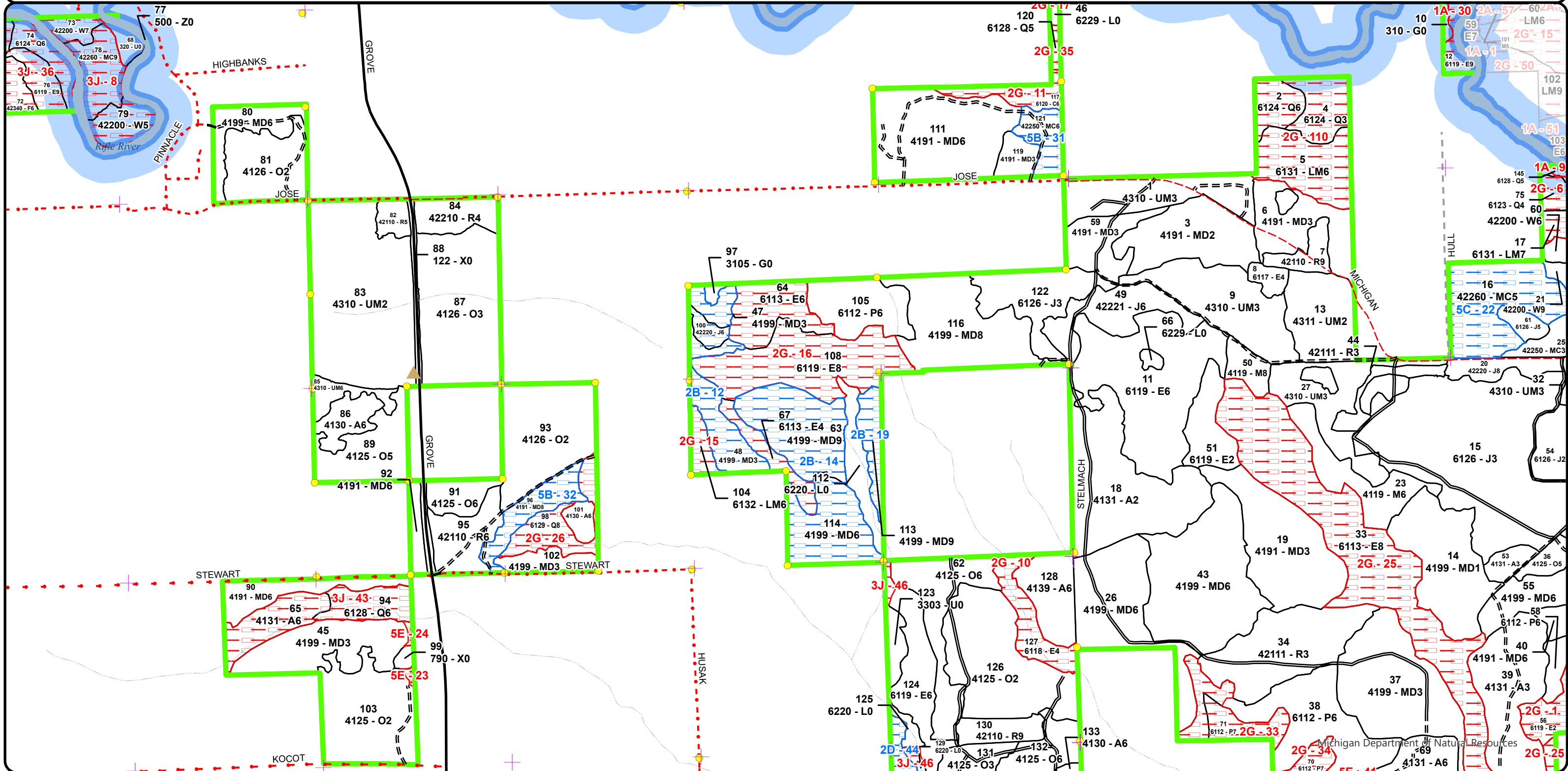
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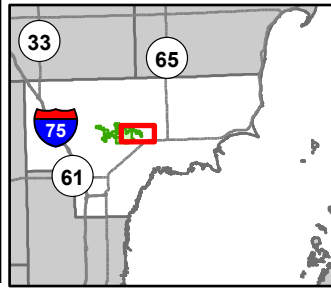
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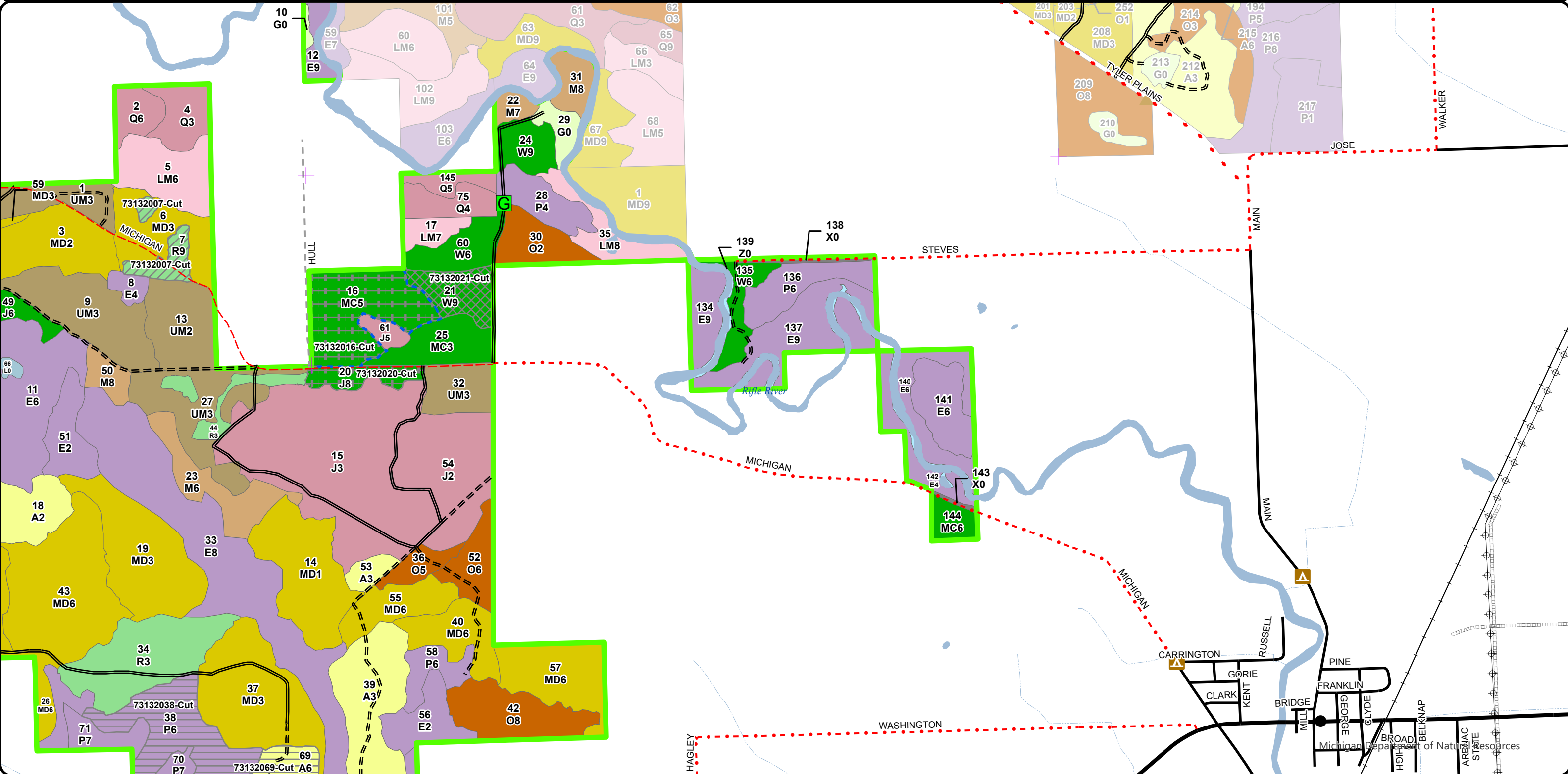
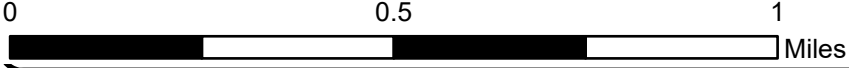
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- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Active Railroads
- Intermittent Stream
- Lake/Pond
- Perennial River

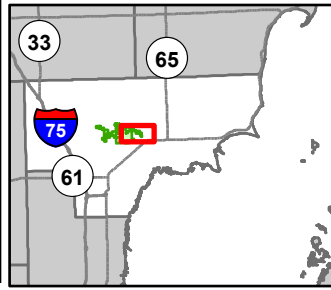
- Lakes and Rivers
- Pipeline
- Powerline
- Compartment Boundary
- Counties
- Treatments with Site Conditions
- Selection (Group, Single Tree)
- Clearcut (w/Reserves)

- Harvest, Overstory Removal
- Thinning (Crown, Low, Systematic)
- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines

- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 122 - Roads/Parking Lot
- 310 - Herbaceous Openland
- 500 - Water
- 622 - Lowland Shrub



Stand Boundary Map



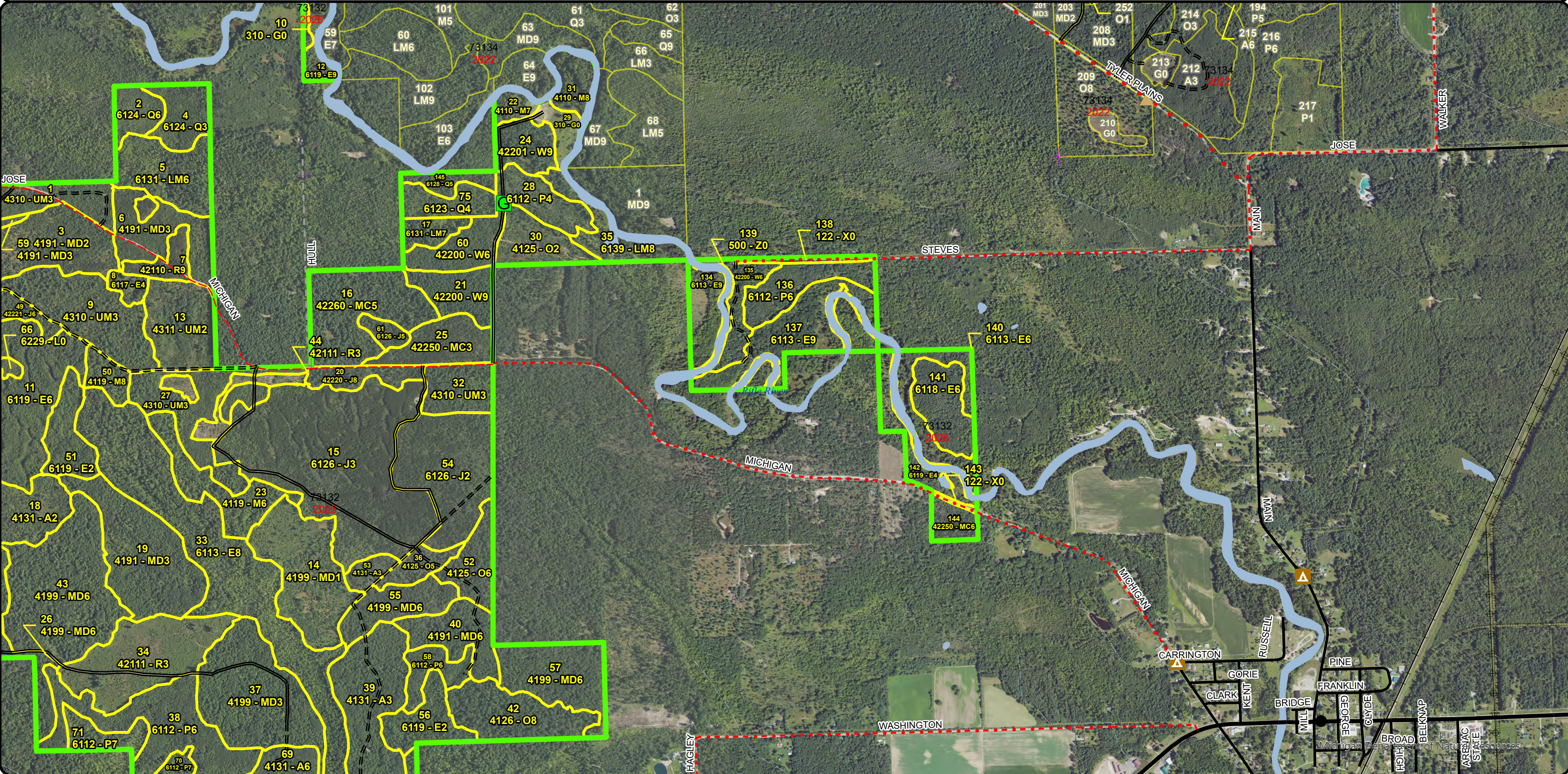
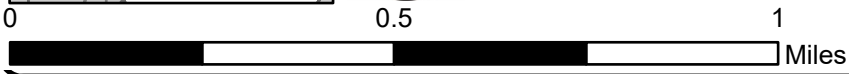
Compartment: 73132
 T19N, R5E, Sec: 5-9, 17, 18
 County: Arenac
 Unit: Gladwin
 Mgmt Area: Gladwin Lake Plain
 YOE: 2026
 Acres: 2974.4 GIS Calculated
 Examiner: Scott Shootz
 Map Revised: 6/6/2024
 Map Phase: Web Post

- Berms
- Gate
- Campground
- City
- Remonumented Section Corners
- DNR - Secondary Forest Road
- DNR - Forest Access Route

- Federal / State Highway
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Active Railroads
- Intermittent Stream
- Lake/Pond

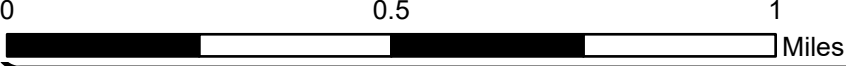
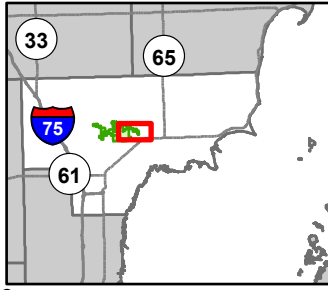
- Perennial River
- Lakes and Rivers
- Pipeline
- Powerline
- Compartment Boundary
- Counties
- Stand Boundaries
- 411 - Northern Hardwood

- 412 - Oak Types
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 122 - Roads/Parking Lot
- 310 - Herbaceous Openland
- 500 - Water
- 622 - Lowland Shrub
- State Forests



**Special Conservation Areas
& Site Conditions Map**

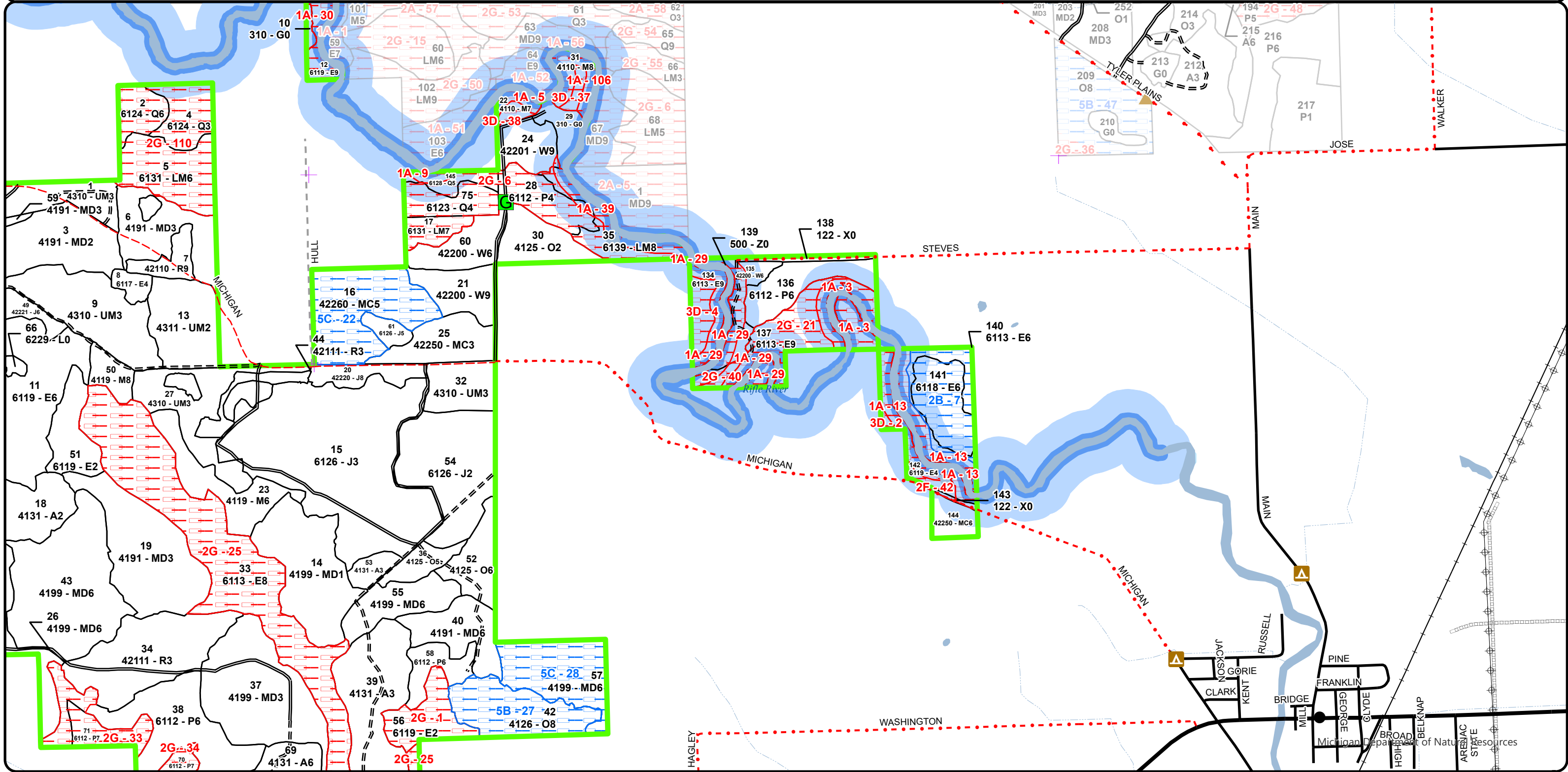
Compartment: 73132
 T19N, R5E, Sec: 5-9, 17, 18
 County: Arenac
 Unit: Gladwin
 Mgmt Area: Gladwin Lake Plain
 YOE: 2026
 Acres: 2974.4 GIS Calculated
 Examiner: Scott Shootz
 Map Revised: 6/6/2024
 Map Phase: Web Post



- Berms
- Gate
- Campground
- City
- Remonumented Section Corners
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State Highway
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)

- Private - Dirt / Gravel Road
- Active Railroads
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Pipeline
- Powerline
- Compartment Boundary
- Counties
- Available w/ Constraints

- Unavailable
- 5B: Maintain for regeneration purposes
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- 1A: Federal/State/Local Law
- 2F: Too steep
- 2G: Too wet (sensitive soils, does not include access issues)
- 3D: Recreational / Scenic values
- Stand Boundaries
- Natural Rivers Vegetative Buffer
- Natural Rivers Zoning District
- Cold Water Streams



Report 1 – Total Acres by Cover Type and Age Class



Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Uneven-Aged	Total
Aspen	0	0	59	18	46	91	0	0	0	0	0	0	0	0	0	0	0	0	213
Bare/Sparsely Vegetated	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Cedar	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	10
Herbaceous Openland	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Jack Pine	0	0	26	160	0	27	0	0	0	10	0	0	0	0	0	0	0	0	222
Low-Density Trees	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Lowland Aspen/Balsam Poplar	0	0	0	18	16	114	0	0	0	0	0	0	0	0	0	0	0	0	148
Lowland Conifers	0	0	0	14	0	17	10	7	0	48	0	0	0	13	0	15	0	0	123
Lowland Deciduous	0	0	0	16	0	161	0	34	68	147	45	0	0	0	0	0	0	10	481
Lowland Mixed Forest	0	0	0	0	0	0	25	17	0	0	13	0	0	0	0	0	0	0	55
Lowland Shrub	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31
Mixed Upland Deciduous	0	31	62	157	50	261	0	0	86	0	0	14	0	0	0	0	0	0	660
Natural Mixed Pines	0	0	0	19	0	0	7	39	10	15	0	0	0	0	0	0	0	0	90
Northern Hardwood	0	0	0	22	0	0	0	0	0	7	11	0	0	5	0	0	0	0	45
Oak	0	56	159	41	0	103	0	0	0	0	0	27	0	0	0	0	0	0	386
Red Pine	0	0	51	0	0	0	0	37	18	0	0	0	0	0	0	0	0	0	106
Upland Mixed Forest	0	0	105	52	61	7	0	0	0	0	0	0	0	0	0	0	0	0	225
Upland Shrub	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Upland Spruce/Fir	0	0	0	0	0	0	0	0	0	0	0	38	0	0	0	0	0	0	38
Urban	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
Water	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
White Pine	0	0	0	0	0	22	28	15	0	6	0	0	0	0	0	0	0	0	71
Total	100	87	462	517	173	803	70	149	182	233	79	79	0	18	0	15	0	10	2973



Report 2 – Treatment Summary

Gladwin Mgt. Unit

Year of Entry: 2026

Acres of Harvest

Compartment 132

Total Compartment Acres: 2,974

Commercial Harvest - 171
 Harvests with Site Condition - 39
 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	69	0	0	0	0	0	0	0	0	69
Jack Pine	0	0	0	0	0	10	0	0	0	10
Lowland Aspen/Balsam Poplar	49	0	0	0	0	0	0	0	0	49
Natural Mixed Pines	0	0	0	0	0	39	0	0	0	39
Red Pine	0	0	0	0	27	0	0	0	0	27
White Pine	0	15	0	0	0	0	0	0	0	15
Total	118	15	0	0	27	49	0	0	0	210

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	210	0	0	0	0	0	0	0	0	210
Next Step	0	0	0	0	0	134	0	0	0	134
Total	210	0	0	0	0	134	0	0	0	343



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:

7	73132007-Cut	9.6	42110 - Planted Red Pine	Sawtimber Well	62	171-200	Harvest	Crown Thinning	4211 - Planted Red Pine	Even-Aged	No
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Prescription Thin basal area density down to 120 square feet per acre.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other Third row thinned plus additionally marked trees in 2007.

Comment:

Site Condition

Proposed Start Date: 10/1 /2025

16	73132016-Cut	38.7	42260 - Natural Pine, Mixed Deciduous	Poletimber Medium	65	51-80	Harvest	Overstory Removal	4199 - Other Mixed Upland Deciduous	Even-Aged	No
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Prescription Remove white pine, jack pine, and aspen. Mark two log sized white pine per acre to leave. Apply oak wilt restrictions.

Specs:

Next Step

Treatments:

Acceptable Released oak and maple advanced regeneration.

Regen:

Other Cutting of some undesignated species will be required to facilitate harvest. No new roads. Locate landing along existing roads.

Comment:

Site Condition Age-Class or Site Quality

Proposed Start Date: 10/1 /2025

20	73132020-Cut	9.8	42220 - Natural Jack Pine	Sawtimber Medium	80	51-80	Harvest	Overstory Removal	4222 - Natural Jack Pine	Even-Aged	No
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Prescription Cut all trees 6" and up. Apply oak wilt restrictions.

Specs:

Next Step

Treatments:

Acceptable A medium stocking of jack pine, red maple, hybrid oak, and aspen.

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2025



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	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
21	73132021-Cut	15.4	42200 - Natural White Pine	Sawtimber Well	65	111-140	Harvest	Single Tree Selection	4220 - Natural White Pine	Two-Aged	No
<p><u>Prescription</u> Thin to 90 BA. Release oak understory where feasible. Protect oak poles, saplings, and seedlings as much as possible. Apply oak wilt restrictions.</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> Medium to low stocking of oak and pine.</p> <p><u>Regen:</u></p> <p><u>Other</u> Keep landings along existing closed roads. Do not construct new haul roads. Close forest road in stand 60 with berm and stumps.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>											
38	73132038-Cut	49.0	6112 - Lowland Aspen	Poletimber Well	47	111-140	Harvest	Clearcut with Retention	6112 - Lowland Aspen	Even-Aged	No
<p><u>Prescription</u> Clear-cut 2" and up. Harvest during dry or frozen conditions. Remove wet drainages where feasible. Apply Gladwin 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> Moderate stocking of aspen mixed with maple. Browse pressure and seasonal flooding may reduce stocking to low.</p> <p><u>Regen:</u></p> <p><u>Other</u> Stand can be accessed from the north and east side. No new roads into this stand. Place landings outside of the stand. Prepared acres may vary significantly than what is prescribed.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>											
69	73132069-Cut	35.3	4131 - Aspen, Oak	Poletimber Well	47	81-110	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Clear-cut 2" and up. Leave a retention island in the center of the stand that is primarily composed of oak. Apply oak wilt restrictions with exceptions. Apply Gladwin 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> A moderate stocking of aspen mixed with pockets of oak and maple.</p> <p><u>Regen:</u></p> <p><u>Other</u> Utilize sale to re-enforce road closures.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>											
86	73132086-Cut	10.5	4130 - Aspen	Poletimber Well	47	111-140	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Remove trees 2" and up except for red pine. In addition mark 5 to 10 large diameter white pine to leave. Apply Gladwin grouse habitat 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> Moderate to full stocking of aspen, oak, maple, and pine.</p> <p><u>Regen:</u></p> <p><u>Other</u> Do not build a new road into this stand. Skid wood north east to existing forest road.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>											



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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95	73132095-Cut	17.7	42110 - Planted Red Pine	Poletimber Well	72	171-200	Harvest	Crown Thinning	4211 - Planted Red Pine	Even-Aged	No
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Prescription Thin basal area density down to 120 square feet per acre.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other Every third row removed in 1999 and 36 square feet of basal area removed in 2009.

Comment:

Site Condition

Proposed Start Date: 10/1 /2025

130	73132130-Cut	9.6	42110 - Planted Red Pine	Sawtimber Well	67	171-200	Harvest	Crown Thinning	4211 - Planted Red Pine	Even-Aged	No
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Prescription Thin basal area density down to 120 square feet per acre.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other Two rows cut and three left in 1999. 45 square feet of basal area removed in 2009.

Comment:

Site Condition

Proposed Start Date: 10/1 /2025

133	73132133-Cut	23.6	4130 - Aspen	Poletimber Well	47	141-170	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
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Prescription Remove all trees 2" and up. Place retention islands to reduce visual impact. Apply Gladwin grouse habitat specifications.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Moderate to full stocking of aspen mixed with oak and maple.

Regen:

Other South property line is borderline lowland. No new roads. Locate landings along existing roads.

Comment:

Site Condition

Proposed Start Date: 10/1 /2025

Total Treatment 219.2
Acres Proposed:

Report 4 – Site Conditions

Gladwin Mgt. Unit
Scott Shooltz : Examiner

Compartment: 132
Year of Entry: 2026

Availability for Management

Total Acres	Acres Available	Acres Avail		Acres Not Available	Dominant Site Conditions											
		With Condition			2B	2D	5B	5C	1A	2F	2G	3D	3J	5E		
213	197	0		16	Aspen										16	
2	2	0		0	Bare/Sparsely Vegetated											
9	0	0		9	Cedar						9					
10	10	0		0	Herbaceous Openland											
222	218	4		0	Jack Pine	4										
6	6	0		0	Low-Density Trees											
148	100	0		48	Lowland Aspen/Balsam Poplar					1		44				3
122	0	0		122	Lowland Conifers					8		93			22	
480	112	38		330	Lowland Deciduous	27	11			67	2	241	8	12		
56	0	0		56	Lowland Mixed Forest					10		46				
31	31	0		0	Lowland Shrub											
661	525	136		1	Mixed Upland Deciduous	93		14	29						0	1
90	26	49		15	Natural Mixed Pines			10	39		0				15	
46	29	0		16	Northern Hardwood					12			4			
387	359	27		1	Oak			27								1
106	106	0		0	Red Pine											
225	225	0		0	Upland Mixed Forest											
4	4	0		0	Upland Shrub											
38	0	0		38	Upland Spruce/Fir										38	
11	11	0		1	Urban					0	0					
35	35	0		0	Water					0						
59	36	0		23	White Pine					7		0		16		
2,962	2,032	254		676	Total Forested Acres	124	11	52	68	105	3	433	12	118	5	
	69%	9%		23%	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)	16				
Comments:							

Report 4 – Site Conditions

Gladwin Mgt. Unit
Scott Shooltz : Examiner

Compartment: 132
Year of Entry: 2026

2	Unavailable	3D: Recreational / Scenic values	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Only accessible through private property. Small acreage, keep as an addition to the 150ft natural river buffer.							
3	Unavailable	1A: Federal/State/Local Law	13	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Natural river setback, Rifle River. 150ft natural vegetation buffer.							
4	Unavailable	3D: Recreational / Scenic values	7	2B: Unknown if access through adjacent landowner(s) is possible	Unspecified	Unspecified	Unspecified
Comments: Maintain as an addition to the natural river setback. Small acreage area blocked by private land.							
5	Unavailable	1A: Federal/State/Local Law	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Natural river setback, Rifle River. 150ft natural vegetation buffer.							
6	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	47	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Available	2B: Unknown if access through adjacent landowner(s) is possible	27	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Best access is along a private road which goes south off Stevens Rd.							

Report 4 – Site Conditions

Gladwin Mgt. Unit
Scott Shooltz : Examiner

Compartment: 132
Year of Entry: 2026

8	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	31	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Natural river setback for the Rifle River.							
9	Unavailable	1A: Federal/State/Local Law	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Natural river setback, Rifle River. 150ft natural vegetation buffer.							
10	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	15	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
11	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
12	Available	2B: Unknown if access through adjacent landowner(s) is possible	28	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
13	Unavailable	1A: Federal/State/Local Law	19	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Natural river setback, Rifle River. 150ft natural vegetation buffer.							

Report 4 – Site Conditions

Gladwin Mgt. Unit
Scott Shooltz : Examiner

Compartment: 132
Year of Entry: 2026

14	Available	2B: Unknown if access through adjacent landowner(s) is possible	59	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
15	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
16	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	75	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
17	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
18	Unavailable	1A: Federal/State/Local Law	18	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Natural river setback, Rifle River. 150ft natural vegetation buffer.							
19	Available	2B: Unknown if access through adjacent landowner(s) is possible	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Gladwin Mgt. Unit
Scott Shooltz : Examiner

Compartment: 132
Year of Entry: 2026

20	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	37	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
21	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	14	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments: Natural rivers setback for portions of the site condition.							
22	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	39	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Treatment on hold per DNR Interim Guidance for Natural-origin Pine Stands memo dated 08/30/2023.							
23	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
24	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
25	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	115	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Gladwin Mgt. Unit
Scott Shooltz : Examiner

Compartment: 132
Year of Entry: 2026

26	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	15	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
27	Available	5B: Maintain for regeneration purposes	27	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Hold until understory is more developed.							
28	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	29	Unspecified	Unspecified	Unspecified	Unspecified
Comments: 40 year old maple and oak not ready to thin yet.							
29	Unavailable	1A: Federal/State/Local Law	22	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Natural river setback, Rifle River. 150ft natural vegetation buffer.							
30	Unavailable	1A: Federal/State/Local Law	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Natural river setback, Rifle River. 150ft natural vegetation buffer.							
31	Available	5B: Maintain for regeneration purposes	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Maintain canopy to promote good form in sub-canopy/understory pine and oak.							

Report 4 – Site Conditions

Gladwin Mgt. Unit
Scott Shooltz : Examiner

Compartment: 132
Year of Entry: 2026

32	Available	5B: Maintain for regeneration purposes	14	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Maintain canopy as is to promote good form in sub-canopy and understory pine and oak.							
33	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	18	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
34	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
35	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
36	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	56	2B: Unknown if access through adjacent landowner(s) is possible	Unspecified	Unspecified	Unspecified
Comments: Natural rivers set back.							
37	Unavailable	3D: Recreational / Scenic values	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Leave for scenic value along the rifle river.							

Report 4 – Site Conditions

Gladwin Mgt. Unit
Scott Shooltz : Examiner

Compartment: 132
Year of Entry: 2026

38	Unavailable	3D: Recreational / Scenic values	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Leave for scenic value along the Rifle River.							
39	Unavailable	1A: Federal/State/Local Law	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Natural river setback, Rifle River. 150ft natural vegetation buffer.							
40	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	2	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments: Natural rivers setback for portions of the site condition.							
41	Unavailable	5E: Long-Term Retention	3	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments: Long-term retention for the lowland aspen stand to the west.							
42	Unavailable	2F: Too steep	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Stand is a steep bluff along the Rifle River.							
43	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	28	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Stand acts as a buffer for Saveline Creek which is a tributary to the Rifle River.							

Report 4 – Site Conditions

Gladwin Mgt. Unit
Scott Shooltz : Examiner

Compartment: 132
Year of Entry: 2026

44	Available	2D: Portable Bridge Needed (Dept. bridge will be adequate)	11	2B: Unknown if access through adjacent landowner(s) is possible	Unspecified	Unspecified	Unspecified
Comments: To access this timber Saveline Creek needs to be crossed from the east or stand can be accessed from private property from the west.							
46	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Buffer for Saveline Creek which is a tributary to the Rifle River.							
106	Unavailable	1A: Federal/State/Local Law	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Natural river setback, Rifle River. 150ft natural vegetation buffer.							
110	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	49	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Mgt. Unit

Compartment: #Type!

Year of Entry:



Report 5 – PROPOSED SPECIAL CONSERVATION AREA* (SCA) DETAILS

* This is a partial list of SCAs for this compartment. Not included are those areas identified under other Department initiatives (Natural Rivers, Deer Wintering Areas, etc.). Those will be identified in separate, future map and report products.

SCA Name	SCA Category	Detail Type	Recommendation	Acres
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Comments



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
SCA	Cold Water Lake	A coldwater lake has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species to persist from year to year. Suitable conditions for coldwater fishes may occur in Michigan lakes if they are relatively deep, have substantial groundwater inflows, or are located in colder (northern) areas of the state. Such lakes are established by Director's action and designated as trout resources by Fisheries Order 200.
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species (e.g., slimy sculpin) to persist from year to year. Coldwater streams in Michigan typically provide these conditions due to substantial contributions of groundwater to their stream flows. Such streams are established by Director's action and designated as trout resources by Fisheries Order 210.
HCVA	Natural Rivers	There are two Natural Rivers datasets which are derived from spatial buffers set from an established and approved distance from the river centerlines. The Natural Rivers Zoning District is a 400 foot buffer for most Natural Rivers. The Vegetative Buffer ranges from 25 to 100 feet.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																												
1	4310 - Pine, Oak Mix	Sapling Well	29.4	31	Immature	N/A	2026 YOE Inventory: Nice mix of species at good density. 2016 YOE Inventory: Good natural regeneration.																																																												
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2	6124 - Lowland Spruce-Fir	Poletimber Well	9.8	57	51-80	N/A	2026 YOE Inventory: Very wet																																																												
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3	4191 - Mixed Upland Deciduous with Conifer	Sapling Medium	32.4	23	Immature	N/A	2026 YOE Inventory: Harvested in 2004 under contract 73-022-01, Jose RD Harvest. Removed all trees 2" and up. 2016 YOE Inventory: Considerable aspen saps west																																																												
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5	6131 - Hemlock, White Pine, Maple, Birch	Poletimber Well	25.3	57	51-80	N/A	2026 YOE Inventory: Portions of the stand habitat cut in 1984. Cut all trees 2" and up. Eastern 1/3rd is log sized white pine, cedar, red maple, and red maple. A small stream flows west to east through the stand.																																																												
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7	42110 - Planted Red Pine	Sawtimber Well	9.6	62	171-200	N/A	2026 YOE Inventory: Harvested from 2005 to 2007 under contract 73-023-01, Mixed Bag Harvest. Third row thinned plus additionally marked trees. Also cut all other species except for white pine 18" and up.																																																																																	
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8	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Poor	4.4	60	1-50	N/A	2026 YOE Inventory: New stand. Stand is a depression that is borderline upland. Jack pine and aspen has mostly fallen out of the stand. Succession will be sparse oak and maple.																																																																																	
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9	4310 - Pine, Oak Mix	Sapling Well	37.1	23	Immature	N/A	2026 YOE Inventory: Harvested during 2000 under contacts 73-009-00, Porter Oak 2 and 73-016-00, Porter Oak 3. 120 cords of dead oak removed. Regeneration is now the primary component.																																																																																	
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10	310 - Herbaceous Openland	Nonstocked	1.3		Unspecified	No																																																																																		



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
11	6119 - Mixed Lowland Deciduous Forest	Poletimber Well	66.4	45	111-140	N/A	2026 YOE Inventory: Switched from aspen to lowland hardwood. Aspen and oak are confined to pockets. Maple is wide spread. Well defined non-forested drainages. Mechanically cut with a D-7 in January of 1975 under FTP W8-513.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black/Red (Hybrid) Oak		20	Pole/Sap/Log	6		Alder	Medium	5 - 10 feet	Tall Shrub
Bigtooth Aspen		10	Pole/Sapling	6		Witch Hazel	Low	Variable	Tall Shrub
Quaking Aspen		25	Pole/Sapling	6	45				
Red Maple		45	Pole/Sapling	6	45				
12	6119 - Mixed Lowland Deciduous Forest	Sawtimber Well	9.6	90	Unspecified	N/A	2026 YOE Inventory: Crosses private. Access denied in the past. Possible factor limit, due to Natural Rivers Act setback limitations etc.		
13	4311 - Pine, Aspen Mix	Sapling Medium	25.8	11	Immature	N/A	2026 YOE Inventory: Harvested in 2015 under contract 73-023-11, Jose Road Oak. Removed all tree 2" and up. Harvested in 2001 under contract 73-002-01, Porter Oak 5. Cut oak 4" and up. Stand was inventoried as an O8 in 2001 YOE inventory. Harvested during 2000 under contract 73-033-00, Porter Oak 4. 100 cords of dead oak removed.		
Canopy Species		% Cover	Size Class	DBH	Age				
Red Pine		2	Sapling	2	11				
Black/Red (Hybrid) Oak		10	Sapling	1	11				
Bigtooth Aspen		35	Sapling	2	11				
White Pine		10	Sapling	2	11				
White Oak		5	Sapling	1	11				
Jack Pine		38	Sapling	1	11				
14	4199 - Other Mixed Upland Deciduous	Sapling Poor	40.5	10	Immature	N/A	2026 YOE Inventory: Harvested in 2015 under contract 73-023-11, Jose Road Oak. Removed all tree 2" and up except oak was cut 8" and up. Stand was previously harvested in 2001 under Salvage 15 Salvage. 100 cords of dead oak was removed.		
Canopy Species		% Cover	Size Class	DBH	Age				
Quaking Aspen		10	Sapling	1	10				
Black/Red (Hybrid) Oak		50	Sapling/Pole	3	10				
Red Maple		30	Sapling	1	10				
White Pine		10	Sapling	1					
15	6126 - Lowland Jack Pine	Sapling Well	111.1	21	Immature	N/A	2026 YOE Inventory: Harvested in 2004 under contract 73-022-01, Jose RD Harvest. Removed all trees 2" and up.		
Canopy Species		% Cover	Size Class	DBH	Age				
Jack Pine		100	Sapling/Pole	4	21				
16	42260 - Natural Pine, Mixed Deciduous	Poletimber Medium	38.7	65	51-80	N/A	2026 YOE Comments: Harvested in 1993 under contract Omer Plains Dead Oak. Removed all trees 4" and up except for white pine. 1998 imagery shows a moderate amount of scattered pine residual. Mostly dead oak removed.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen		4	Pole	6		White Oak	High	10 - 20 feet	Sapling
White Oak		2	Pole	5		Jack Pine	Medium	5 - 10 feet	Sapling
Red Maple		15	Pole	6		Black/Red (Hybrid) Oak	High	10 - 20 feet	Sapling
Black/Red (Hybrid) Oak		14	Pole/Sapling	5	31	Red Maple	Medium	10 - 20 feet	Sapling
Jack Pine		10	Pole	6		Black Cherry	Medium	10 - 20 feet	Sapling
White Pine		50	Log/Pole	13	65				
Balsam Fir		2	Pole	8					
Black Cherry		3	Pole	6					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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17 6131 - Hemlock, White Pine, Maple, Birch Sawtimber Poor 7.2 95 1-50 N/A 2026 YOE Inventory: Canopy closure reduced to below 50% due to ash die off.

Canopy Species	% Cover	Size Class	DBH	Age
White Pine	30	Log	17	95
Hemlock	12	Log	14	
Red Maple	33	Log/Pole	13	95
Black/Red (Hybrid) Oak	15	Log/Pole	12	
Northern White Cedar	10	Log	12	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Medium	10 - 20 feet	Sapling
White Pine	Low	5 - 10 feet	Sapling

18 4131 - Aspen, Oak Sapling Medium 58.5 12 Immature N/A 2026 YOE Inventory: Harvested in 2015 under contract 73-023-11, Jose Road Oak. Removed all tree 2" and up. Mechanically cut with a D-7 in January of 1975 under FTP W8-513.

Canopy Species	% Cover	Size Class	DBH	Age
Bigtooth Aspen	40	Sapling	1	12
Quaking Aspen	10	Sapling	2	12
Red Maple	20	Sapling	2	
Black/Red (Hybrid) Oak	30	Sapling	2	12

19 4191 - Mixed Upland Deciduous with Conifer Sapling Well 45.0 29 Immature N/A 2026 YOE Inventory: Harvested during 1995 under contract 73-009-92, Lost Line Sale. Removed all trees 2" and up.

Canopy Species	% Cover	Size Class	DBH	Age
Bigtooth Aspen	15	Sapling	2	
Pin Cherry	10	Sapling	2	
Red Maple	15	Sapling	3	
White Pine	10	Sapling	3	
Jack Pine	10	Sapling	3	
Black/Red (Hybrid) Oak	40	Sapling	3	29

20 42220 - Natural Jack Pine Sawtimber Medium 9.8 80 51-80 N/A 2026 YOE Inventory: Harvested during 2000 under contract 73-007-00, Porter At Jose. Cut all live and dead oak 2" and up. Medium amount of developed pine and deciduous species in the understory.

Canopy Species	% Cover	Size Class	DBH	Age
White Pine	5	Log	12	
Red Maple	10	Pole	7	
Jack Pine	80	Log/Pole	10	80
Bigtooth Aspen	5	Pole/Log	8	

Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen	Low	10 - 20 feet	Sapling
Jack Pine	Medium	>20 feet	Sapling
Red Maple	Low	>20 feet	Sapling

2016 YOE Inventory: Leave stand as visual screen until Stand 24 grows more.

21 42200 - Natural White Pine Sawtimber Well 15.4 65 111-140 N/A 2026 YOE Comments: Harvested in 1993 under contract Omer Plains Dead Oak. Removed all trees 4" and up except for white pine. 1998 imagery shows a large amount of pine residual. Mostly dead oak removed.

Canopy Species	% Cover	Size Class	DBH	Age
White Oak	5	Pole/Sapling	6	31
Black/Red (Hybrid) Oak	10	Pole/Sapling	6	31
White Pine	85	Log/Pole	10	65

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



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																													
22	4110 - Sugar Maple Association	Sawtimber Poor	5.2	125	1-50	N/A	2026 YOE Inventory: Significant reduction in canopy closure due to ash die off. Stand is behind the gate at Stoddard's landing.																																													
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23	4119 - Mixed Northern Hardwoods	Poletimber Well	21.7	27	51-80	N/A	2026 YOE Inventory: Harvested in 2001 under contract 73-003-01, Club Oak. Removed all trees 2" and up. Regeneration under 2" and up was protected. Scattered oak, jack pine, aspen, and red maple greater than 2" in diameter were left. Moderate to full stocking of red maple pole and saplings that are free to grow between scattered larger trees.																																													
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24	42201 - Natural White Pine, Mixed Deciduous	Sawtimber Well	12.8	57	1-50	N/A	2026 YOE Inventory: Stand is behind the gate at Stoddard's landing.																																													
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25	42250 - Pine, Oak	Sapling Well	18.7	23	Immature	N/A	2026 YOE Inventory: Harvested in 2004 under contract 73-022-01, Jose RD Harvest. Removed all trees 2" and up.																																													
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26	4199 - Other Mixed Upland Deciduous	Poletimber Well	41.0	47	81-110	N/A	2026 YOE Inventory: Stand is two aged but current Inventory standards won't accept data. Oak in the stand is two aged separated by more than 20 years but are less than two size classes different. Mechanically cut with a D-7 in January of 1975 under FTP W8-514.																																													
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27	4310 - Pine, Oak Mix	Sapling Well	31.5	31	Immature	N/A	2026 YOE Inventory: Harvested in 1992 under contract 73-013-92, Jose Road Pine. Removed all trees 2" and up except for red pine. Good natural regeneration.																																									
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28	6112 - Lowland Aspen	Poletimber Poor	15.5	36	1-50	N/A	2026 YOE Inventory: Harvested in 1988 under contract 73-100-83, Butternut Sale. Removed all trees 4" and up except hemlock. This contract specified sugar maple and butternut as present species to be harvested. Tag alder with pockets of aspen.																																									
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29	310 - Herbaceous Openland	Nonstocked	7.8		Unspecified		2026 YOE Inventory: Half of stand is a parking area for Stoddard's landing. Other half is herbaceous and woody vegetation.																																									
30	4125 - Black, N. Pin Oak	Sapling Medium	16.4	11	1-50	N/A	2026 YOE Inventory: Stand was cut 2" and up in 2013. Previously harvested from 2005 to 2007 under contract 73-023-01, Mixed Bag Harvest. Removed merchantable timber 4" and up except for live oak. 2015 Sale Closure: Stand was cut in 2013 as part of Jose Rd. Oak sale, 73-023-11-01.																																									
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31	4110 - Sugar Maple Association	Sawtimber Medium	11.2	95	51-80	N/A	2026 YOE Inventory: Canopy closure reduced due to ash die off. Stand is behind the gate at Stoddard's landing. 2016 YOE Inventory: Factor limit, due to Natural Rivers Act setback limitations.																																									
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32	4310 - Pine, Oak Mix	Sapling Well	15.1	21	Immature	N/A	2026 YOE Inventory: Harvested in 2004 under contract 73-022-01, Jose RD Harvest. Removed all trees 2" and up.																																									
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																			
33	6113 - Lowland Maple	Sawtimber Medium	115.2	80	51-80	N/A	2026 YOE Inventory: Harvested from 2005 to 2007 under contract 73-023-01, Mixed Bag Harvest. Removed all aspen, birch, jack pine, and cottonwood 2" and up plus orange marked trees. Southern fingers of the stand were not harvested. Ash has fallen out of the stand, canopy is mostly red maple. Good oak understory along edges of the stand. 2016 YOE Inventory: Very wet in places. Possibly too wet to harvest. Possible factor limit. Selection cut/or possibly 6 or 8 inch clear cut.																																																			
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34	42111 - Planted Red Pine, Mixed Deciduous	Sapling Well	41.9	12	Immature	N/A	2026 YOE Inventory: Harvested in 2015 under contract 73-023-11, Jose Road Oak. Removed all tree 2" and up. Stand was salvaged in 2002 under contract 73-017-01, Comp 136 Salvage. Removed all aspen and dead oak 2" and up. 2021 Regeneration Survey: Stand planted in 2016. 2017 Year 1 survey 618 stems/acre red pine and showing minimal red maple and cherry competition. Per Chapter 7 to FTP C73-909 dated 11/12/2015 Plant red pine in Stand 34. Stand has been trenched and planted to red pine.																																																			
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35	6139 - Mixed Lowland Forest	Sawtimber Medium	17.4	60	51-80	N/A	2026 YOE Inventory: Variable stand. Ash die off reduced canopy closure.																																																			
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36	4125 - Black, N. Pin Oak	Poletimber Medium	7.9	41	1-50	N/A	2026 YOE Inventory: Harvested in 1983 under contract 73-003-82. 74 acre sale removing all tree 4" and up except for hemlock.																																																			
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37	4199 - Other Mixed Upland Deciduous	Sapling Well	50.2	31	Immature	N/A	2026 YOE Inventory: Harvested in 1994 under contract 73-011-92, 40/40 Oak. Removed all tees 2" and up. 1,700 of the 2,000 cords removed was oak volume, 25% of which was sawlog.																																																			
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments				
38	6112 - Lowland Aspen	Poletimber Well	60.1	47	111-140	N/A	2026 YOE Inventory: New stand split from larger lowland aspen stand. This stand is a transition from upland to lowland. Several wet drainages run through the stand. North and east border of the stand are upland as well as several islands. Harvested under timber sale 5-76A in 1977.				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
Red Maple		30	Pole/Sapling	5	30	Serviceberry (Juneberry)		Medium	10 - 20 feet	Sapling	
White Oak		5	Pole/Sapling	6							
Black/Red (Hybrid) Oak		25	Pole/Sap/Log	7							
Quaking Aspen		40	Pole	7	47						
39	4131 - Aspen, Oak	Sapling Well	41.0	31	Immature	N/A	2026 YOE Inventory: Harvested in 1994 under contract 73-011-92, 40/40 Oak. Removed all tees 2" and up. 1,700 of the 2,000 cords removed was oak volume, 25% of which was sawlog.				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
White Pine		5	Pole/Sapling	7		Black/Red (Hybrid) Oak		Medium	5 - 10 feet	Sapling	
Quaking Aspen		45	Sapling/Pole	4	31						
Black Cherry		10	Sapling	3							
Black/Red (Hybrid) Oak		20	Sapling/Pole	4	31						
Red Maple		15	Sapling	3							
White Oak		5	Pole/Sapling	5							
40	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	20.0	41	81-110	N/A	2026 YOE Inventory: Harvested in 1983 under contract 73-003-82. 74 acre sale removing all tree 4" and up except for hemlock.				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
Red Maple		35	Pole/Sapling	5	41	Black Cherry		Low	10 - 20 feet	Sapling	
Black/Red (Hybrid) Oak		25	Pole	6	41	Black/Red (Hybrid) Oak		Low	5 - 10 feet	Sapling	
White Pine		20	Log/Pole/XLog	12		White Pine		Low	5 - 10 feet	Sapling	
Black Cherry		5	Pole/Sapling	5	41						
Quaking Aspen		15	Pole/Sapling	5	41						
41	500 - Water	Nonstocked	3.3		Unspecified	No					
42	4126 - White, Black, N. Pin Oak	Sawtimber Medium	27.3	100	1-50	N/A	2026 YOE Inventory: Stand was cut 2" and up in 2013. Previously harvested from 2005 to 2007 under contract 73-023-01, Mixed Bag Harvest. Removed merchantable timber 4" and up except for live oak. Current condition is log sized oak over sapling/pole red maple. Let red maple develop another 10 years then remove overstory oak.				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
Black/Red (Hybrid) Oak		35	Log	12		Red Maple		Medium	10 - 20 feet	Sapling	
White Pine		5	Sapling/Pole	4		White Pine		Low	10 - 20 feet	Sapling	
Red Maple		20	Pole/Sapling	5	20	Black/Red (Hybrid) Oak		Low	10 - 20 feet	Sapling	
White Oak		40	Log/Pole	12	100						
43	4199 - Other Mixed Upland Deciduous	Poletimber Well	59.9	47	51-80	N/A	2026 YOE Inventory: Mechanically cut with a D-7 in January of 1975 under FTP W8-514.				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
Bigtooth Aspen		5	Pole/Sapling	6		White Pine		Medium	5 - 10 feet	Sapling	
Black/Red (Hybrid) Oak		40	Pole/Sap/Log	8	47	Red Maple		Low	10 - 20 feet	Sapling	
White Pine		15	Log/Pole	12		Black/Red (Hybrid) Oak		Medium	10 - 20 feet	Sapling	
Quaking Aspen		20	Pole/Sapling	6							
Red Maple		20	Pole/Sap/Log	6							



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																														
44	42111 - Planted Red Pine, Mixed Deciduous	Sapling Well	9.4	12	Immature	N/A	2026 YOE Inventory: Previously a red pine plantation. 3rd row thinned in 1997. Final harvested in 2015 under contract 73-023-11, Jose Road Oak. Removed all tree 2" and up. 2021 Regeneration Survey: Trench and plant to red pine per FTP C73-909. Stand trenched in FY 2015. Stand planted in 2016. Western pocket 660 stems/acre, eastern pocket 650 stems/acre with minimum competition in both.																														
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45	4199 - Other Mixed Upland Deciduous	Sapling Well	31.3	6	Immature	N/A	2026 YOE Inventory: Switched from aspen to mixed deciduous. Since harvest oak and red maple regeneration had filled in, mostly stump sprout origin. Super canopy of white pine log/pole timber left. 2019 Sale Closure: The stand was harvested in Big Doe Harvest, sale # 73-009-16-01. The stand was clear cut and it is starting to regenerate. It was cut 6/21/19. The stand was chipped on 8/26/19.																														
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46	6229 - Mixed lowland shrub	Nonstocked	1.3	0	Unspecified	No																															
47	4199 - Other Mixed Upland Deciduous	Sapling Well	5.8	22	Immature	N/A	2026 YOE Inventory: Harvested during the fall/winter of 2002/2003 under contract 73-015-02, Hidden Oaks. Removed all tree 2" and up except for conifers excluding jack pine. Accessed through private property.																														
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48	4199 - Other Mixed Upland Deciduous	Sapling Well	18.2	22	Immature	N/A	2026 YOE Inventory: Harvested during the fall/winter of 2002/2003 under contract 73-015-02, Hidden Oaks. Removed all tree 2" and up except for conifers excluding jack pine. Accessed through private property.																														
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Bigtooth Aspen	15	Sapling/Pole	3																																		
Red Maple	51	Sapling	3	22																																	
49	42221 - Natural Jack Pine, Mixed Deciduous	Poletimber Well	22.6	48	81-110	N/A	2026 YOE Inventory: Mixed stand. Mechanically cut with a D-7 in January of 1975 under FTP W8-513.																														
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																											
50	4119 - Mixed Northern Hardwoods	Sawtimber Medium	7.4	80	51-80	N/A	2026 YOE Inventory: Harvested from 2005 to 2007 under contract 73-023-01, Mixed Bag Harvest. Removed all aspen, birch, jack pine, and cottonwood 2" and up plus orange marked trees.																																											
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51	6119 - Mixed Lowland Deciduous Forest	Sapling Medium	15.8	29	Immature	N/A	2026 YOE Inventory: Harvested during 1995 under contract 73-009-92, Lost Line Sale. Removed all trees 2" and up. New stand. Split from stand to the south.																																											
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52	4125 - Black, N. Pin Oak	Poletimber Well	14.4	41	81-110	N/A	2026 YOE Inventory: Harvested in 1983 under contract 73-003-82. 74 acre sale removing all tree 4" and up except for hemlock.																																											
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53	4131 - Aspen, Oak	Sapling Well	5.4	41	1-50	N/A	2026 YOE Inventory: Harvested in 1983 under contract 73-003-82. 74 acre sale removing all tree 4" and up except for hemlock.																																											
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Black/Red (Hybrid) Oak	Low	5 - 10 feet	Sapling																																															
54	6126 - Lowland Jack Pine	Sapling Medium	44.3	21	Immature	N/A	2026 YOE Inventory: Harvested in 2004 under contract 73-022-01, Jose RD Harvest. Removed all trees 2" and up.																																											
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Black/Red (Hybrid) Oak	15	Sapling	1																																															



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
55	4199 - Other Mixed Upland Deciduous	Poletimber Well	17.9	41	81-110	N/A	2026 YOE Inventory: Harvested in 1983 under contract 73-003-82. 74 acre sale removing all tree 4" and up except for hemlock.
Canopy Species		% Cover	Size Class	DBH	Age		
Red Maple		30	Pole/Sapling	6	41		
Quaking Aspen		30	Pole	7	41		
Black/Red (Hybrid) Oak		40	Pole/Sapling	6	41		
56	6119 - Mixed Lowland Deciduous Forest	Sapling Medium	16.1	41	51-80	N/A	2026 YOE Inventory: Harvested in 1983 under contract 73-003-82. 74 acre sale removing all tree 4" and up except for hemlock. New stand. Lowland muck.
Canopy Species		% Cover	Size Class	DBH	Age		
Yellow Birch		40	Sapling/Pole	4			
Quaking Aspen		18	Pole	6			
Red Maple		42	Sapling/Pole	4	41		
57	4199 - Other Mixed Upland Deciduous	Poletimber Well	29.0	41	111-140	N/A	2026 YOE Inventory: Scattered super canopy oak left throughout the stand. Red maple is mostly free to grow and of good form. Hold stand for 10 years then thin.
Canopy Species		% Cover	Size Class	DBH	Age		
White Oak		10	Log/XLog	16	103		
Black/Red (Hybrid) Oak		45	Pole/Log/XLog	9	41		
Red Maple		40	Pole/Sapling	7	41		
Quaking Aspen		5	Log	14			
Sub-Canopy Species		Density	Avg. Height	Size			
Red Maple		Medium	>20 feet	Sapling			
58	6112 - Lowland Aspen	Poletimber Well	10.6	41	111-140	N/A	2026 YOE Inventory: Harvested in 1983 under contract 73-003-82. 74 acre sale removing all tree 4" and up except for hemlock. Switched to lowland. Stand is a transition from upland to muck.
Canopy Species		% Cover	Size Class	DBH	Age		
Black/Red (Hybrid) Oak		5	Pole	6			
Yellow Birch		5	Pole/Sapling	5			
Paper Birch		10	Sapling/Pole	4			
Red Maple		25	Pole/Sapling	5	41		
Quaking Aspen		55	Pole	6	41		
59	4191 - Mixed Upland Deciduous with Conifer	Sapling Well	16.4	23	Immature	N/A	2026 YOE Inventory: Harvested in 2004 under contract 73-022-01, Jose RD Harvest. Removed all trees 2" and up. 2016 YOE Inventory: Considerable aspen saps west
Canopy Species		% Cover	Size Class	DBH	Age		
White Pine		10	Sapling/Pole	3			
Black/Red (Hybrid) Oak		30	Sapling/Pole	3	23		
Quaking Aspen		30	Sapling/Pole	4	23		
Jack Pine		20	Sapling/Pole	3	23		
60	42200 - Natural White Pine	Poletimber Well	15.4	50	51-80	N/A	2026 YOE Comments: Harvested in 1983 under contract 73-002-82. Removed all trees 4" and up. Pine saplings were protected. 1998 imagery shows a large amount of pine residual. Mostly oak pulpwood removed.
Canopy Species		% Cover	Size Class	DBH	Age		
White Pine		75	Pole/Sap/Log	8	50		
Black/Red (Hybrid) Oak		20	Pole	6			
White Oak		5	Pole	6			
Sub-Canopy Species		Density	Avg. Height	Size			
Red Maple		Low	5 - 10 feet	Sapling			
Witch Hazel		Low	5 - 10 feet	Tall Shrub			



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																		
61	6126 - Lowland Jack Pine	Poletimber Medium	4.5	21	51-80	N/A	2026 YOE Inventory: Harvested in 2004 under contract 73-022-01, Jose RD Harvest. Removed all trees 2" and up. Jack pine over leatherleaf.																																																		
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62	4125 - Black, N. Pin Oak	Poletimber Well	28.5	49	81-110	N/A	2026 YOE Inventory: New stand. Split from E stand to the south. Harvested by manual cutting FTP W8-633 in 1976. Upland stand.																																																		
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Black/Red (Hybrid) Oak	Low	Variable	Sapling																																																						
63	4199 - Other Mixed Upland Deciduous	Sawtimber Well	32.1	79	81-110	N/A	2026 YOE Inventory: Split from stand to the north. Declining aspen over maple poles. Difficult to access but possible through private from the north.																																																		
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64	6113 - Lowland Maple	Poletimber Well	19.6	45	111-140	N/A	2026 YOE Inventory: Very wet stand. Ash and aspen dieoff released maple/balsam understory.																																																		
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65	4131 - Aspen, Oak	Poletimber Well	15.9	47	111-140	N/A	2026 YOE Inventory: New stand. Was originally delineated as part of the stand to the south which was harvested. A wet drainage runs along the south edge of the stand and contains muck soils. The rest of the stand is on a hillside. Central portions of the stand have blown over. Harvested under timber sale 22-77A.																																																		
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66	6229 - Mixed lowland shrub	Nonstocked	1.6	0	Unspecified	No	2026 YOE Inventory: Leatherleaf, Michigan holly, red maple, paper birch.																																																		



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																									
67	6113 - Lowland Maple	Poletimber Poor	9.1	79	1-50	N/A	2026 YOE Inventory: Split stand out. Very wet drainage. Canopy closure was significantly reduced due to EAB.																																									
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68	320 - Upland Shrub	Nonstocked	3.8	0	Unspecified	No	2026 YOE Inventory: New stand. Autumn olive present.																																									
69	4131 - Aspen, Oak	Poletimber Well	35.3	47	81-110	N/A	2026 YOE Inventory: New stand. Switched from lowland to upland. Heavy pocket of oak in the north central portion of the stand. Harvested under timber sale 5-76A in 1977.																																									
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70	6112 - Lowland Aspen	Sawtimber Poor	11.3	47	1-50	N/A	2026 YOE Inventory: New stand. Significant dieback and blowdown of aspen. Very wet. Harvested under timber sale 5-76A in 1977.																																									
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71	6112 - Lowland Aspen	Sawtimber Poor	9.7	47	1-50	N/A	2026 YOE Inventory: New stand. Significant dieback and blowdown of aspen. Very wet. Harvested under timber sale 5-76A in 1977.																																									
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72	42340 - Upland Spruce/Fir	Poletimber Well	38.1	105	81-110	N/A																																										
73	42200 - Natural White Pine	Sawtimber Poor	5.5	85	51-80	N/A	2026 YOE Inventory: Wind damage throughout stand. Most of the aspen has blown over, reducing the balsam fir understory density.																																									
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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74 6124 - Lowland Spruce-Fir Poletimber Well 9.2 85 81-110 N/A

2026 YOE Inventory: Did not inventory stand. Classified as an edge call to preserve stand data from previous inventory.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	4	Pole/Log	9	
White Spruce	50	Pole	7	85
Northern White Cedar	35	Pole/Log	8	
American Elm	2	Log	10	
Paper Birch	5	Pole	6	
Cottonwood	2	Log/XLog	16	
White Pine	2	Pole/Log	9	

75 6123 - Lowland Fir Poletimber Poor 12.2 40 1-50 N/A

2026 YOE Inventory: Canopy closure reduced to below 50% due to ash die off.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	10	Pole/Log	9		Willow spp.	Medium	5 - 10 feet	Tall Shrub
Hemlock	5	Log/Pole	10		Alder	Medium	5 - 10 feet	Tall Shrub
Balsam Fir	50	Pole	6	40	Balsam Fir	Medium	5 - 10 feet	Sapling
Red Maple	25	Pole/Sap/Log	7		White Pine	Low	5 - 10 feet	Sapling
Northern White Cedar	10	Pole/Log	8	100				

2016 YOE Inventory: A flowing drainage runs through the stand; appearing to be a man-made ditch at places. Very wet flood plain. Steep bank running up all along the south line. Access difficult at best.

76 6119 - Mixed Lowland Deciduous Forest Sawtimber Well 8.2 92 81-110 N/A

77 500 - Water Nonstocked 8.5 Unspecified No

78 42260 - Natural Pine, Mixed Deciduous Sawtimber Well 14.8 85 111-140 N/A

2026 YOE Inventory: Wind disturbance pushing the stand toward uneven-aged. Primary wind throw is aspen, balsam fir, and super canopy white pine. Gaps mostly filling in with balsam fir, white pine, and ash. Dense understory of prickly ash and autumn olive at the south end.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	46	Log/Pole/XLog	12	85	Red Maple	Medium	>20 feet	Sapling
Bigtooth Aspen	10	Log/Pole	11		Balsam Fir	Medium	>20 feet	Sapling
Black/Red (Hybrid) Oak	14	Log/XLog	16		White Pine	Low	>20 feet	Sapling
White Oak	12	Log/XLog	16					
Red Pine	18	Pole/Log	9					

2016 YOE Inventory: Mature supercanopy of White and Red Pine with some oak. Aspen is over mature and is showing signs of decadence, i.e. shelf fungus.

79 42200 - Natural White Pine Poletimber Medium 10.2 45 1-50 N/A

2016 YOE Inventory: Old well pipe terminating above ground.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	70	Pole/Log	9	45	Staghorn Sumac	Trace	10 - 20 feet	Tall Shrub
Jack Pine	30	Pole	6		Jack Pine	Low	10 - 20 feet	Pole
					White Pine	Low	10 - 20 feet	Pole
					Black Cherry	Trace	10 - 20 feet	Pole
					Autumn Olive	High	10 - 20 feet	Tall Shrub



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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80	4199 - Other Mixed Upland Deciduous	Poletimber Well	14.1	15	1-50	N/A	2026 YOE Inventory: Stand was excluded from Big Doe Oak Harvest but was harvested in 2009 Grove Oak Sale. 20 - 30 BA of oak and pine was left. 2016 YOE Inventory: Very steep ridge on the north half of the stand. Approx. 60 ft. drop.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
White Pine		10	Pole/Log	8		White Pine		Low	>20 feet	Sapling
Red Maple		20	Pole/Sapling	7		Black/Red (Hybrid) Oak		Medium	>20 feet	Sapling
White Oak		9	Log/Pole	10	108	White Oak		Medium	>20 feet	Sapling
Red Pine		2	Log	10		Jack Pine		Low	>20 feet	Sapling
Black/Red (Hybrid) Oak		35	Pole/Sap/Log	8	15					
Balsam Fir		2	Pole	5						
Bigtooth Aspen		20	Pole	6						
White Spruce		2	Sapling/Pole	4						

81	4126 - White, Black, N. Pin Oak	Sapling Medium	26.2	15	Immature	N/A	2026 YOE Inventory: Stand was previously harvested in 1997 under contract 73-060-96, Jose Corners. Patch harvested. 1 - 2 acre patches cut 2" and up. Oak/pine regeneration filling in from 2019 harvest. Will be over 5 ft in the next 10 years. 2019 Sale Closure: The stand was harvested in a seed tree harvest on 5/29/19 in Big Doe Harvest, Sale #73-009-16-01. The tops were chipped by 8/26/19. The stand is expected to be full stocked by 2029. 2016 YOE Inventory: Good regeneration. The stand is a forested stand with greater than 50% crown closure. There is also a thick layer of oak less than 4' tall. 2009 Sale Closure: The stand was shelterwood harvested in 2009 in the Grove Oak Sale. Residual BA averaged between 20 and 30. Oak and pine were left.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
White Pine		15	Pole/Sapling	5		White Pine		Low	< 5 feet	Sapling
White Oak		20	Sapling/Pole/Log	4		White Oak		Medium	< 5 feet	Sapling
Red Pine		10	Pole/Sapling	5		Jack Pine		Low	< 5 feet	Sapling
Black/Red (Hybrid) Oak		55	Sapling	3	15	Black/Red (Hybrid) Oak		Medium	< 5 feet	Sapling

82	42110 - Planted Red Pine	Poletimber Medium	5.3	68	81-110	N/A	2026 YOE Inventory: Some regeneration in the understory, best along west boarder which has less red pine. 2019 Sale Closure: The stand was harvested as a thinning removing all jack pine and marked red pine in Big Doe Harvest, Sale # 73-009-16-01. The cutting was completed 5/29/19. The sale did not have bark slip spec. but the damage is minimal.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Black/Red (Hybrid) Oak		5	Log	12		Black/Red (Hybrid) Oak		Low	< 5 feet	Sapling
White Pine		10	Log/Pole	12		Red Pine		Low	10 - 20 feet	Sapling
Red Pine		85	Pole	8	68	White Pine		Low	5 - 10 feet	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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83	4310 - Pine, Oak Mix	Sapling Medium	79.6	15	Immature	N/A	2026 YOE Inventory: Stand was previously harvested in 1997 under contract 73-060-96, Jose Corners. Patch harvested. 1 - 2 acre patches cut 2" and up. Stand is filling in well since 2019. Will be fully stocked when all oak is above 4 ft. 2019 Sale Closure: The stand was harvested in a seed tree harvest on 5/29/19 in Big Doe Harvest, Sale #73-009-16-01. The tops were chipped by 8/26/19. The stand is expected to be full stocked by 2029. 2016 YOE Inventory: Good regeneration. The stand is a forested stand with greater than 50% crown closure. There is also a thick layer of oak less than 4' tall. 2009 Sale Closure: The stand was shelterwood harvested in 2009 in the Grove Oak Sale. Residual BA averaged between 20 and 30 made up of dense (80 BA) and sparse pockets. Oak and pine were left.
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Canopy Species	% Cover	Size Class	DBH	Age
White Oak	15	Sapling/Pole/Log	4	
White Pine	8	Sapling/Pole	4	
Jack Pine	25	Sapling	3	
Red Pine	10	Pole	6	
Black/Red (Hybrid) Oak	42	Sapling	3	15

Sub-Canopy Species	Density	Avg. Height	Size
Black/Red (Hybrid) Oak	Medium	< 5 feet	Sapling
White Oak	Low	< 5 feet	Sapling

84	42210 - Natural Red Pine	Poletimber Poor	12.6	64	1-50	N/A	2026 YOE Inventory: Regeneration is slowly filling in. One aspen clone centrally located in the stand. Mostly sparse oak clumps and individual scattered pine. 2019 Sale Closure: The stand was harvested as a species removal cutting all aspen and jack pine. The sale was Big Doe Harvest, sale # 73-009-16-01. The stand does not have much regeneration at the current time and the crown closure is low. The damage to the residual is low.
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Canopy Species	% Cover	Size Class	DBH	Age
White Pine	5	Pole/Sapling	5	
Red Pine	70	Pole	8	64
Black/Red (Hybrid) Oak	25	Log/Pole	10	

Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen	Low	5 - 10 feet	Sapling
White Pine	Low	5 - 10 feet	Sapling
Black/Red (Hybrid) Oak	Low	< 5 feet	Sapling
Red Pine	Low	5 - 10 feet	Sapling
Jack Pine	Low	5 - 10 feet	Sapling

85	4310 - Pine, Oak Mix	Poletimber Well	6.9	47	111-140	N/A	
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Canopy Species	% Cover	Size Class	DBH	Age
Black/Red (Hybrid) Oak	38	Pole/Sapling	7	
White Pine	5	Pole	6	
White Oak	7	Pole/Sapling	5	
Jack Pine	50	Pole/Sapling	7	47

86	4130 - Aspen	Poletimber Well	10.5	47	111-140	N/A	2026 YOE Inventory: Harvested under timber sale 3-77.
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Canopy Species	% Cover	Size Class	DBH	Age
Bigtooth Aspen	70	Pole	8	47
Black/Red (Hybrid) Oak	13	Pole	7	47
Red Pine	5	Pole	8	
White Oak	5	Sapling/Pole	4	
Jack Pine	2	Pole/Sapling	6	
Red Maple	5	Pole	8	

Sub-Canopy Species	Density	Avg. Height	Size
White Pine	Low	10 - 20 feet	Sapling
Red Pine	Low	10 - 20 feet	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																								
87	4126 - White, Black, N. Pin Oak	Sapling Well	55.8	9	Immature	N/A	2026 YOE Inventory: Canopy closure is now above 75%. 2015 Sale Closure: Wildfire spring 2015. Salvage sale June 2015 under contract 73-009-15, C 132 Fire Salvage. All white oak left. 2009 Sale Closure: Shelterwood-seed tree harvested in 2009. Grove Oak sale. Residual BA was 35. 10 BA was pine.																																								
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Jack Pine	10	Sapling	1	9																																											
88	122 - Road/Parking Lot	Nonstocked	7.5		Unspecified	No	2026 YOE Inventory: Grove Rd ROW.																																								
89	4125 - Black, N. Pin Oak	Poletimber Medium	23.4	47	51-80	N/A	2026 YOE Inventory: Harvested under timber sale 3-77. Multiple trespass occurrences spanning multiple ownerships. Items include buildings, outbuildings, campers, vehicles, swing sets, and miscellaneous items. Trespasses were documented 20 years ago. These were never resolved.																																								
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90	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	15.4	26	Immature	N/A	2026 YOE Inventory: Harvested during 1998 under contract 73-022-97, The Mile Apart Sale. Seed tree harvested. Scotch pine seeding into the stand.																																								
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91	4125 - Black, N. Pin Oak	Poletimber Well	9.5	47	81-110	N/A	2026 YOE Inventory: Some jack pine wind throw.																																								
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92	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	5.6	47	81-110	N/A	2026 YOE Inventory: Harvested under timber sale 11-77. Trespass - swing set and mowing.																																																						
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93	4126 - White, Black, N. Pin Oak	Sapling Medium	41.1	25	Immature	N/A	2026 YOE Inventory: Harvested during 1999 under contract 73-044-96, Salvage Yard Sale. Removed trees 2" and up. North half of the stand is filling in with sapling oak. South end contains more pole timber. Unsure how much of the stand was burned in 2015. Regeneration in the north half doesn't seem to be fire related. 2015 Regen Survey: Stand burned by wildfire in 2015.																																																						
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94	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	12.5	127	111-140	N/A																																																							
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95	42110 - Planted Red Pine	Poletimber Well	17.7	72	171-200	N/A	2026 YOE Inventory: Harvested in 2009 under contract 73-017-06, 132 Pine. Thinned down to 110 BA removing 36 BA. Third row thinned in 1999 under contract 73-044-96, Salvage Yard Sale. Stand is ready to thin again.																																																						
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96	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Medium	13.8	106	51-80	N/A	2026 YOE Inventory: Harvested in 2009 under contract 73-028-06, Grove Oak. Individually marked down to 50 BA favoring oak. Good release of pole sized oak plus regeneration from the cut. White pine filling into the understory well. Maintain canopy as is to promote good form in sub-canopy and understory pine and oak.																																																						
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97	3105 - Mixed Upland Herbaceous	Nonstocked	1.3		Unspecified	No	2026 YOE Inventory: Harvested during the fall/winter of 2002/2003 under contract 73-015-02, Hidden Oaks. Removed all tree 2" and up except for conifers excluding jack pine. Accessed through private property.																																																						



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																														
98	6129 - Mixed Coniferous Lowland Forest	Sawtimber Medium	15.1	141	111-140	N/A	2026 YOE Inventory: Significant blow down. Perfect future seed bed for hemlock regeneration.																																														
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99	790 - Other Bare/Sparsely Vegetated	Nonstocked	1.7		Unspecified	No	2026 YOE Inventory: Historic barrow pit area. Illegal ORV use has kept the stand bare. Now slowly filling in with herbaceous plants.																																														
100	42220 - Natural Jack Pine	Poletimber Well	3.9	48	111-140	N/A	2026 YOE Inventory: Jack pine over red maple.																																														
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101	4130 - Aspen	Poletimber Well	4.5	36	111-140	N/A	2026 YOE Inventory: Harvested in 1989 under contract 73-048-87, Stewart Road Stand. All trees removed 2" and up.																																														
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102	4199 - Other Mixed Upland Deciduous	Sapling Well	8.6	45	51-80	N/A	2026 YOE Inventory: Sparse supercanopy of oak and pine. Good stocking of sapling/pole oak, aspen, and pine. Additional white pine and oak in the understory.																																														
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103	4125 - Black, N. Pin Oak	Sapling Medium	41.6	15	1-50	N/A	2026 YOE Inventory: Stand was also 4 spot harvested in 1999 under contract 73-056-96, Kocot 4 Spot. Four 2 - 5 acre square patch cuts created in the four quadrants of the stand. Open pockets filling in with hybrid and white oak. 2019 Sale Closure: The stand was harvested in a seed tree harvest on 6/21/19 in Big Doe Harvest, Sale #73-009-16-01. The tops were chipped by 8/26/19. The stand is a forested stand with greater than 50% crown closure. There is also a thick layer of oak less than 4' tall. the stand is expected to be full stocked by 2029. 2009 Sale Closure: The stand was shelterwood harvested in 2009 in the Grove Oak Sale. Average oak overstory BA is about 20-30.																																														
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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104 6132 - Mixed Lowland Forest with Cedar Poletimber Well 5.7 99 Unspecified N/A 2016 YOE Inventory: True swamp. Very wet.

Canopy Species	% Cover	Size Class	DBH	Age
Hemlock	8	Pole/Log	9	
Green Ash	20	Pole/Log	9	
Red Maple	30	Pole/Sap/Log	8	
Northern White Cedar	42	Pole/Log	8	99

105 6112 - Lowland Aspen Poletimber Well 22.7 45 111-140 N/A 2026 YOE Inventory: Stand is overall lowland. Some of the drainages are very wet.

Canopy Species	% Cover	Size Class	DBH	Age
Bigtooth Aspen	25	Pole	8	45
Quaking Aspen	25	Pole	6	45
Balsam Fir	8	Pole/Sapling	5	
Red Maple	30	Pole/Sapling	6	45
Northern Pin Oak	10	Pole/Sapling	5	
White Pine	2	Log	12	

106 6229 - Mixed lowland shrub Nonstocked 7.9 Unspecified No

107 6124 - Lowland Spruce-Fir Poletimber Well 38.3 81 51-80 N/A 2026 YOE Inventory: Did not visit this stand. Edge call to preserve stand data. Deleted ash data from the canopy and reduced canopy closure.

Canopy Species	% Cover	Size Class	DBH	Age
Bigtooth Aspen	2	Pole/Log	9	
Northern White Cedar	6	Pole/Log	7	
White Spruce	35	Pole/Sapling	5	81
Balsam Fir	30	Pole/Sapling	5	
Black/Red (Hybrid) Oak	2	Pole/Log	9	
White Pine	6	Pole/Log	8	
Hemlock	6	Pole/Log	8	
Red Maple	13	Pole/Sap/Log	7	

108 6119 - Mixed Lowland Deciduous Forest Sawtimber Medium 46.2 79 51-80 N/A 2016 YOE Inventory: EAB infestation. Numerous draws with running water. Numerous areas of standing water. Stand is only marginally upland. Balsam fir is patchy, thick in some portions of the understory.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black/Red (Hybrid) Oak	10	Pole/Log	9		Balsam Fir	Medium	>20 feet	Sapling
Quaking Aspen	30	Log	12		Willow spp.	Medium	10 - 20 feet	Tall Shrub
Balsam Fir	10	Pole/Log	8		Alder	Medium	10 - 20 feet	Tall Shrub
Paper Birch	5	Pole	8		Red Maple	Medium	>20 feet	Sapling
Red Maple	45	Log/Pole/Sap	10	79				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																		
109	6119 - Mixed Lowland Deciduous Forest	Sawtimber Medium	16.9	89	1-50	N/A	2026 YOE Inventory: Did not visit this stand. Edge call to preserve stand data. Deleted ash data from the canopy and reduced canopy closure.																																		
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110	500 - Water	Nonstocked	5.0		Unspecified	No																																			
111	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	52.0	47	51-80	N/A	2026 YOE Inventory: Mortality occurring in denser oak areas. Unsure of how wide spread but seems to be scattered individuals not groups or patches. Harvested under timber sale 32-77A and completed by 1979.																																		
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112	6220 - Alder/willow	Nonstocked	12.1		Unspecified	No																																			
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113	4199 - Other Mixed Upland Deciduous	Sawtimber Well	9.9	79	81-110	N/A	2026 YOE Inventory: Only accessible through private property.																																		
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114	4199 - Other Mixed Upland Deciduous	Poletimber Well	27.2	49	81-110	N/A	2026 YOE Inventory: Aspen is small diameter and poor quality. Manual cut under FTP W8-633 in 1976.																																		
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115	6220 - Alder/willow	Nonstocked	3.8		Unspecified	No																																			



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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116	4199 - Other Mixed Upland Deciduous	Sawtimber Medium	44.0	75	51-80	N/A	2026 YOE Inventory: Moderate crop of pole sized maple, oak, and pine underneath 30 - 50 square feet of log sized maple, oak, and pine. Maintain structure as is to promote good form in younger age classes. 2016 YOE Inventory: The stand consists of marginal uplands severed every 200 feet or so by wide lowland strips with north south running drainages.																																											
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117	6120 - Lowland Cedar	Poletimber Well	9.5	90	141-170	N/A	2016 YOE Inventory: Much blown down cedar. True swamp.																																											
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118	500 - Water	Nonstocked	1.9		Unspecified	No	
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119	4191 - Mixed Upland Deciduous with Conifer	Sapling Well	6.8	15	Immature	N/A	2026 YOE Inventory: Harvested in 2009 under contract 73-017-06, 132 Pine. Clear-cut 2" and up. Retained white pine 4" and under. 2016 YOE Inventory: Good regeneration.														
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Jack Pine	10	Sapling	3																		
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120	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Medium	4.8	45	1-50	N/A	2026 YOE Inventory: Ash is gone. Stand is open. Cedar and balsam are regenerating. 2016 YOE Inventory: Standing water. True swamp. Much standing dead ash. EAB present. Very wet. Factor limit.																							
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121	42250 - Pine, Oak	Poletimber Well	10.4	78	81-110	N/A	2026 YOE Inventory: Harvested during 1998 under contract 73-022-97, The Mile Apart Sale. Stand was marked to cut. Unsure of what and how much was removed. 30 to 50 square feet of log sized oak and pine. 50 to 100 square feet of pole sized pine. Good regeneration of pine and oak in more open areas of the stand. Keep log sized pine to maintain good form in younger age classes.																																														
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																														
122	6126 - Lowland Jack Pine	Sapling Well	25.8	15	Immature	N/A	2026 YOE Inventory: Harvested in 2009 under contract 73-017-06, 132 Pine. Clear-cut 2" and up. Replanted to jack pine under FTP C73-801. Eastern 4 acres is 6 years older.																																														
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123	3303 - Mixed Low Density Trees	Nonstocked	5.6		Immature	No	2026 YOE Inventory: Harvested in 2007 under contract 73-026-06, Stelmach Oak. Removed all trees 2" and up except for hemlock and oak 6" and under. Stand was an O8 prior to harvest. 2014 Field Survey: Non-forested. Trace of pole sized oak and a low amount of seedling oak.																																														
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124	6119 - Mixed Lowland Deciduous Forest	Poletimber Well	39.9	49	111-140	N/A	2026 YOE Inventory: Harvested under timber sale 53-74 which was completed by 1980. A stream bisects the stand in the south end. Central portions are wettest with upland ground along the borders. Stand was crosses to access timber on the west side.																																														
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125	6220 - Alder/willow	Nonstocked	2.6		Unspecified	No	2026 YOE Inventory: stream flows through the stand.																																														
126	4125 - Black, N. Pin Oak	Sapling Medium	51.9	17	Immature	N/A	2026 YOE Inventory: Harvested in 2007 under contract 73-026-06, Stelmach Oak. Removed all trees 2" and up except for hemlock and oak 6" and under. Previously harvested in 1998 under contract 73-058-96, Stelmach Road Block. Removed all aspen 4" and up except for in the SW 15 acres of the stand.																																														
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127	6118 - Lowland Deciduous with Cedar	Poletimber Poor	14.6	80	1-50	N/A	2026 YOE Inventory: Canopy reduced significantly. Stream flows through the stand. 2016 YOE Inventory: Very low and wet. True swamp. EAB infestation noted in Ash.																																														
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128	4139 - Aspen, Mixed Deciduous	Poletimber Well	18.1	26	Immature	N/A	2026 YOE Inventory: Harvested during 1998 under contract 73-058-96, Stelmach Road Block. Removed trees that were 2" and up.																																															
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Black/Red (Hybrid) Oak	12	Sapling/Pole	4																																																			
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129	6220 - Alder/willow	Nonstocked	2.1		Unspecified	No	2026 YOE Inventory: stream flows through the stand.																																															
130	42110 - Planted Red Pine	Sawtimber Well	9.6	67	171-200	N/A	2026 YOE Inventory: Harvested in 2009 under contract 73-017-06, 132 Pine. Thinned down to 120 BA removing 45 BA. Two rows cut and three left in 1999 under contract 73-044-96, Salvage Yard Sale.																																															
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131	4125 - Black, N. Pin Oak	Sapling Well	23.0	17	Immature	N/A	2026 YOE Inventory: Harvested in 2007 under contract 73-026-06, Stelmach Oak. Removed all trees 2" and up except for hemlock and oak 6" and under. Previously harvested in 1998 under contract 73-058-96, Stelmach Road Block. Patch harvested. 1 - 2 acres patches cut 2" and up.																																															
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132	4125 - Black, N. Pin Oak	Poletimber Well	20.2	40	51-80	N/A	2026 YOE Inventory: Harvested in 2007 under contract 73-026-06, Stelmach Oak. Removed all trees 2" and up except for hemlock and oak 6" and under. Previously harvested in 1998 under contract 73-058-96, Stelmach Road Block. Patch harvested. 1 - 2 acres patches cut 2" and up.																																															
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133	4130 - Aspen	Poletimber Well	23.6	47	141-170	N/A	2026 YOE Inventory: Good quality aspen stand.																																															
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134	6113 - Lowland Maple	Sawtimber Well	13.2	70	111-140	N/A	2026 YOE Inventory: Did not inventory the stand. Utilized edge call to preserve stand data.																																																																																	
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135	42200 - Natural White Pine	Poletimber Well	11.8	48	81-110	N/A	2016 YOE Inventory: Primarily upland with lowlands along the river's edge.																																																																																	
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136	6112 - Lowland Aspen	Poletimber Well	18.1	25	111-140	N/A	2026 YOE Inventory: Stand is a mix of lowlands and uplands. Balsam fir increases in stocking as you move west through the stand.																																																																																	
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137	6113 - Lowland Maple	Sawtimber Well	36.5	98	81-110	N/A	2026 YOE Inventory: Lots of dead and down ash. Canopy closure is almost 75%. 2016 YOE Inventory: Noted EAB infestation. Selection harvest occurred at this stand a few years ago.																																																																																	
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138	122 - Road/Parking Lot	Nonstocked	3.1		Unspecified	No	2016 YOE Inventory: Steve's Road.																																																																																	
139	500 - Water	Nonstocked	15.9		Immature	No	2016 YOE Inventory: The Rifle River.																																																																																	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																													
140	6113 - Lowland Maple	Poletimber Well	16.7	60	1-50	N/A	2026 YOE Inventory: Did not inventory the stand. Utilized edge call to preserve stand data.																																													
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141	6118 - Lowland Deciduous with Cedar	Poletimber Well	19.1	49	111-140	N/A	2026 YOE Inventory: Did not inventory the stand. Utilized edge call to preserve stand data.																																													
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142	6119 - Mixed Lowland Deciduous Forest	Poletimber Poor	12.6	60	1-50	N/A	2026 YOE Inventory: Ash die off reduced canopy closure and basal area density.																																													
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143	122 - Road/Parking Lot	Nonstocked	0.9		Unspecified	No	2026 YOE Inventory: Jose Rd ROW.																																													
144	42250 - Pine, Oak	Poletimber Well	7.4	58	51-80	N/A	2026 YOE Inventory: Switched stand from lowland to upland based off aerial imagery and field observations. Pole timber is putting on good growth. Understory white pine and oak are succeeding into the canopy. Maintain as is to allow for more recruitment into the canopy.																																													
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>50</td> <td>Pole/Log/Sap</td> <td>8</td> <td>58</td> </tr> <tr> <td>Red Pine</td> <td>10</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Swamp White Oak</td> <td>2</td> <td>Log</td> <td>12</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>10</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>28</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	White Pine	50	Pole/Log/Sap	8	58	Red Pine	10	Pole/Log	9		Swamp White Oak	2	Log	12		Jack Pine	10	Log/Pole	10		Black/Red (Hybrid) Oak	28	Pole/Log	9		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>High</td> <td>>20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	White Pine	High	>20 feet	Sapling	2016 YOE Inventory: Older oak overstory approximately 10 BA.										
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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145	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Medium	6.8	60	51-80	N/A	2026 YOE Inventory: Canopy reduced to below 75% due to ash die off.
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Canopy Species	% Cover	Size Class	DBH	Age
White Pine	40	Log/Pole/XLog	12	60
Quaking Aspen	2	Pole/Log	8	
Balsam Fir	25	Pole	6	
Northern White Cedar	10	Pole	7	
Jack Pine	2	Pole	7	100
Black/Red (Hybrid) Oak	10	Log/Pole/XLog	10	

Sub-Canopy Species	Density	Avg. Height	Size
White Pine	Low	5 - 10 feet	Sapling
Balsam Fir	Medium	10 - 20 feet	Sapling
Alder	Low	5 - 10 feet	Tall Shrub

2016 YOE Inventory: Noted EAB infestation. Very low areas mixed with high knolls and ridges.