



Compartment Review Presentation

Shingleton Forest Management Unit

Compartment 41080

Entry Year 2023

Acreage: 1,818

County Schoolcraft

Management Area: Garden Thompson Plains

Stand Examiner: Adam Petrelius

Legal Description:

T42N R17W Sec 26, 27, 34, 35

Identified Planning Goals:

Multiple use management for current and future generations.

Soil and topography:

The associated soils in the compartment consist of Blue Lake Sands, Kalkaska Sands and Carbondale. Elevation differences within compartment are minimal.

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

Ownership within the compartment is contiguous. The Hiawatha National Forest borders to the North, it is state land to the east and south. However, to the west is private land and consists mainly of agricultural land. There is some private land on the edges of the compartment, to the east there are several homes near Indian Lake. Some industry land exists in the north and southwest.

Unique Natural Features:

None known.

Archeological, Historical, and Cultural Features:

None known.

Special Management Designations or Considerations:

The entire compartment lies within the Indian Lake Deer Wintering Complex and is within the Garden Thompson Plain Management Area.

Watershed and Fisheries Considerations:

NLMMU – John Bauman: This compartment does not contain any waterbodies.

Wildlife Habitat Considerations:

Compartment 80 lies within south-western Schoolcraft county in the Escanaba/Door Peninsula ecological sub-subsection and is a part of the Garden Thompson Plains Management area with American woodcock, ruffed grouse, white-tailed deer, and wild turkey as featured species. The growing season is 140 days. Extreme minimum temperatures are around -35 degrees F. Annual average snowfall is 70 inches.

Pre-settlement notes show northern hardwoods to be the primary forest cover circa 1850. Tree species within the hardwood forest included sugar maple, beech, yellow birch, hemlock, elm, basswood, cedar, and red maple. The lowland forest contained tamarack, spruce, and cedar. Windthrow was the primary source of natural disturbance within the compartment. Although the compartment does contain some sizable red pine plantations and aspen stands, portions of the upland appear to be similar to pre-settlement conditions. Lowlands are probably quite similar to pre-settlement species composition.

This compartment lies within the Indian Lake Deer Wintering Complex. As such, wildlife habitat objectives include producing abundant browse, maintaining closed-canopy conifer forests, and promoting within and between stand species diversity. Other wildlife habitat objectives include maintaining species and structural diversity within hardwood stands, retaining soft and hard mast producing species in harvested stands, and planting hard and soft mast producing species. Other wildlife species of interest include black bear and wild turkey.

Mineral Resource and Development Concerns and/or Restrictions

No known potential exists for commercial oil & gas production in this part of the state, and there is no known metallic mineral potential in this area. Multiple active aggregate production sites are within two miles of the compartment to the

west and southwest. There appears to be some potential for sand & gravel and/or bedrock limestone beneath the compartment. The State-owned Roberts Pit, just over two miles south, is currently leased to the County Road Commission. The State does not own all the mineral rights within the compartment and may or may not own the rights to the non-metallic minerals depending on deed language. Because the mineral estate is the dominant estate, reasonable access to the surface must be provided to private owners if they choose to explore or develop their mineral rights.

Vehicle Access:

The compartment is highly accessible by numerous roads including a State Highway, M-149, several county roads and state forest two-tracks.

Survey Needs:

Survey needs present.

Recreational Facilities and Opportunities:

The Indian Lake Ski Trail is entirely located within this compartment. Palms Book State Park home of Kitch-iti-ki-pi (The Big Spring) is just west of the compartment boundary and is a popular tourist destination. Snowmobile Trail number 7 runs through the compartment. Indian Lake State Park's West Shore Campground is just south of the compartment.

Fire Protection:

This compartment has good access for fire control. The fuels in the area are mainly hardwood however; there are several mature red pine plantations.

Additional Compartment Information:

The following reports from the Inventory are attached:

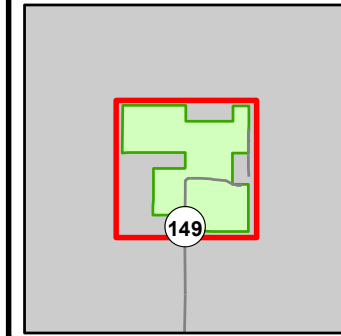
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

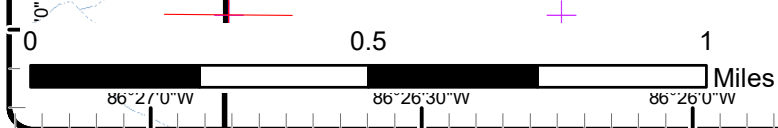
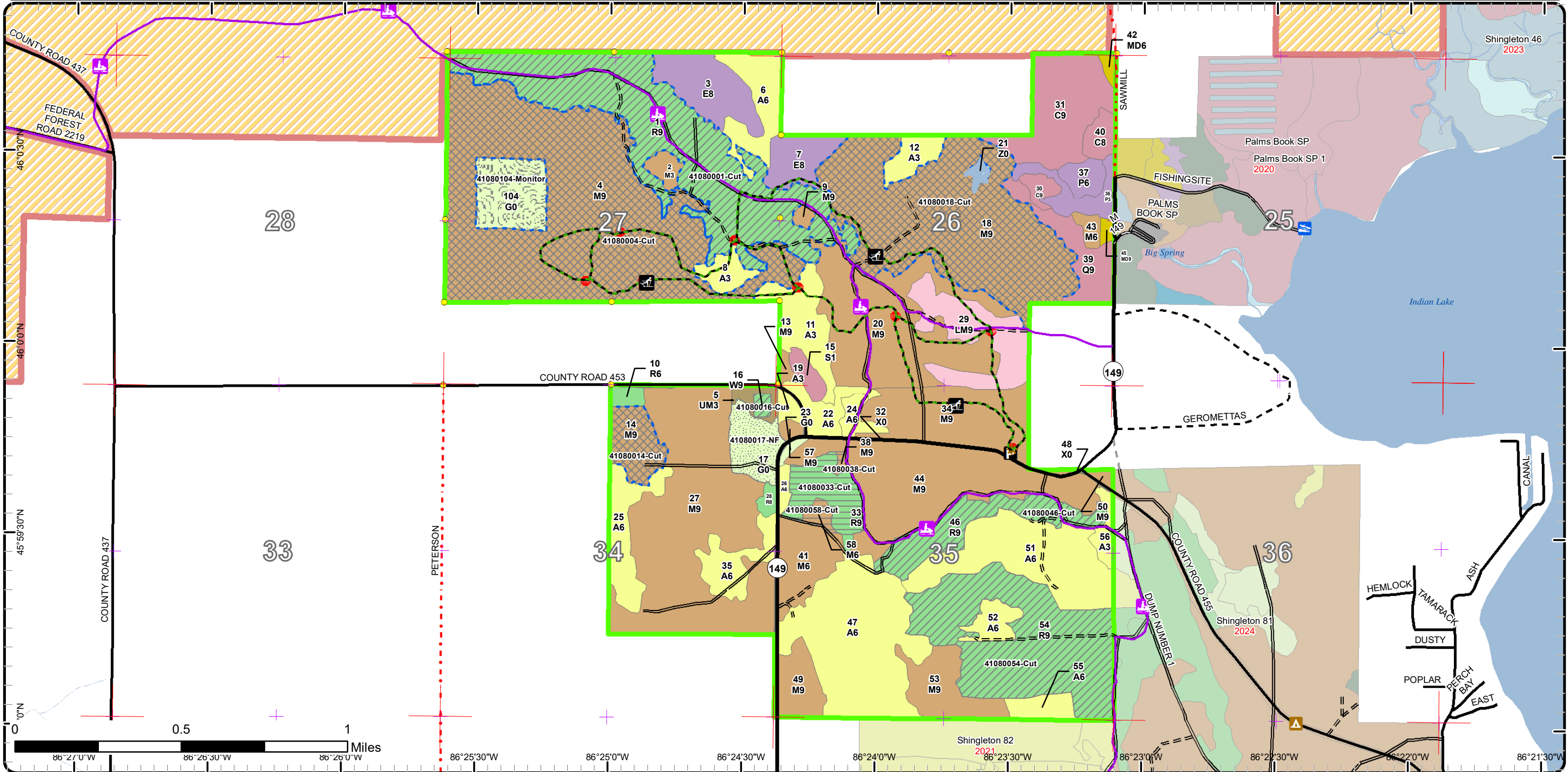
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 80
 T42N, R17W, Sec. 26, 27, 34, 35
 County: Schoolcraft
 Unit: Shingleton
 Mgmt Area: Garden Thompson Plains
 YOE: 2023
 Acres: 1818.5 GIS Calculated
 Examiner: Adam Petrelius
 Map Revised: 1/28/2022
 Map Phase: Post Review

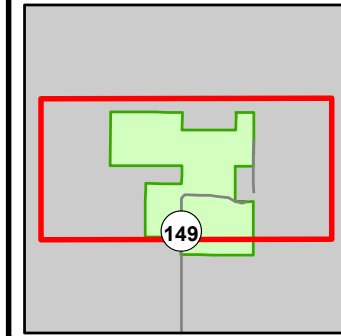


- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State Highway
- Federal / State - Dirt / Gravel Road
- County - Gravel Road
- Private - Dirt / Gravel Road
- Ski Trails
- Snowmobile Trails
- - - Designated Hiking Trails
- - - Designated Ski Trails
- Designated Multi-Use Trails
- Designated Snowmobile Trails
- P Parking Lot
- Sign
- ★ Trailhead
- Island in Lake or River
- Lake/Pond
- Lakes and Rivers
- Compartment Boundary
- Treatments with Site Conditions
- Selection (Group, Single Tree)
- Clearcut (w/Reserves)
- Thinning (Crown, Low, Systematic)
- Mowing
- Monitoring
- 411 - Northern Hardwood
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 421 - Planted 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

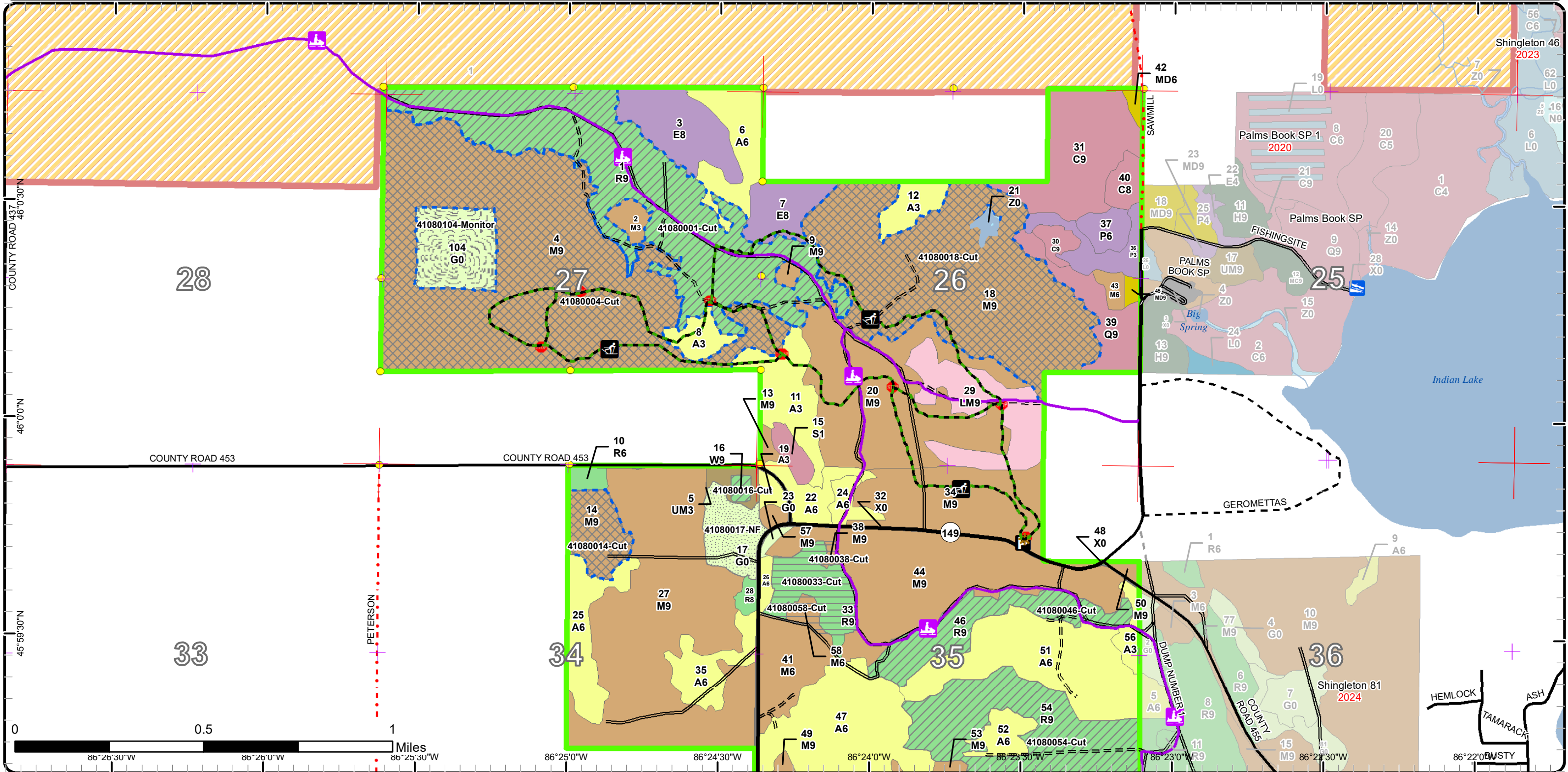


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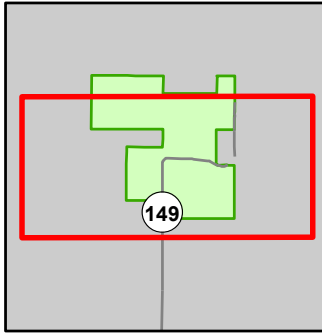


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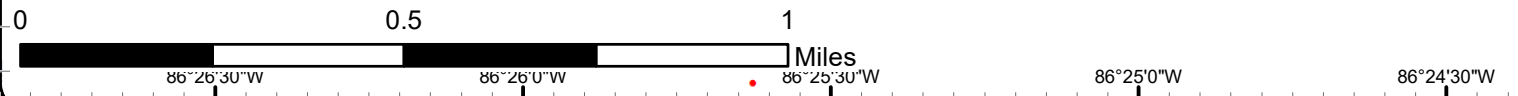
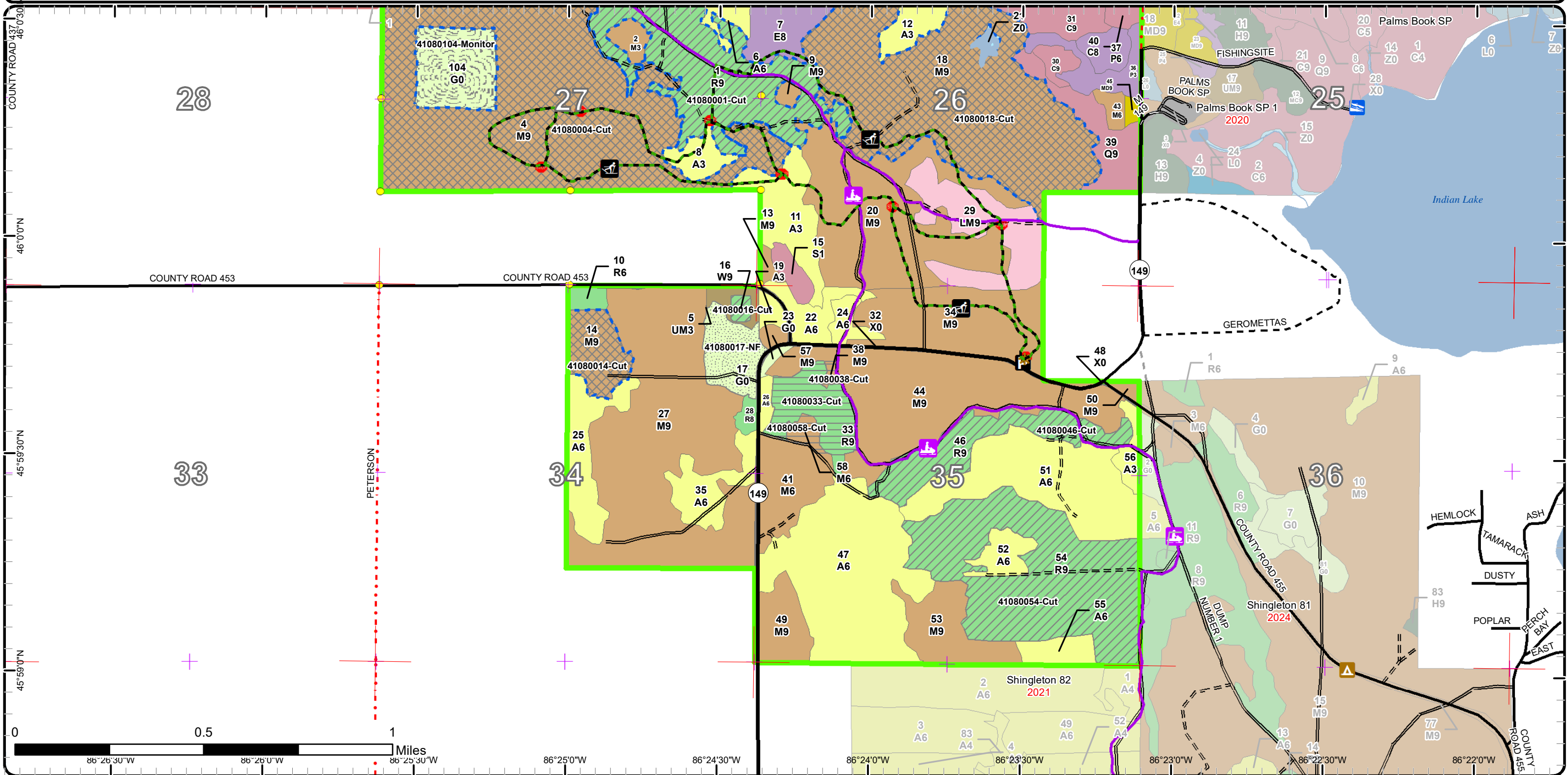


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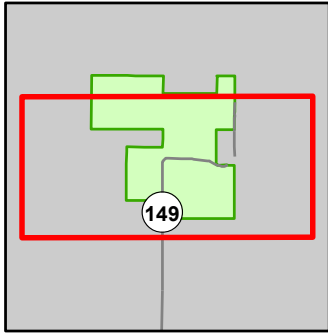


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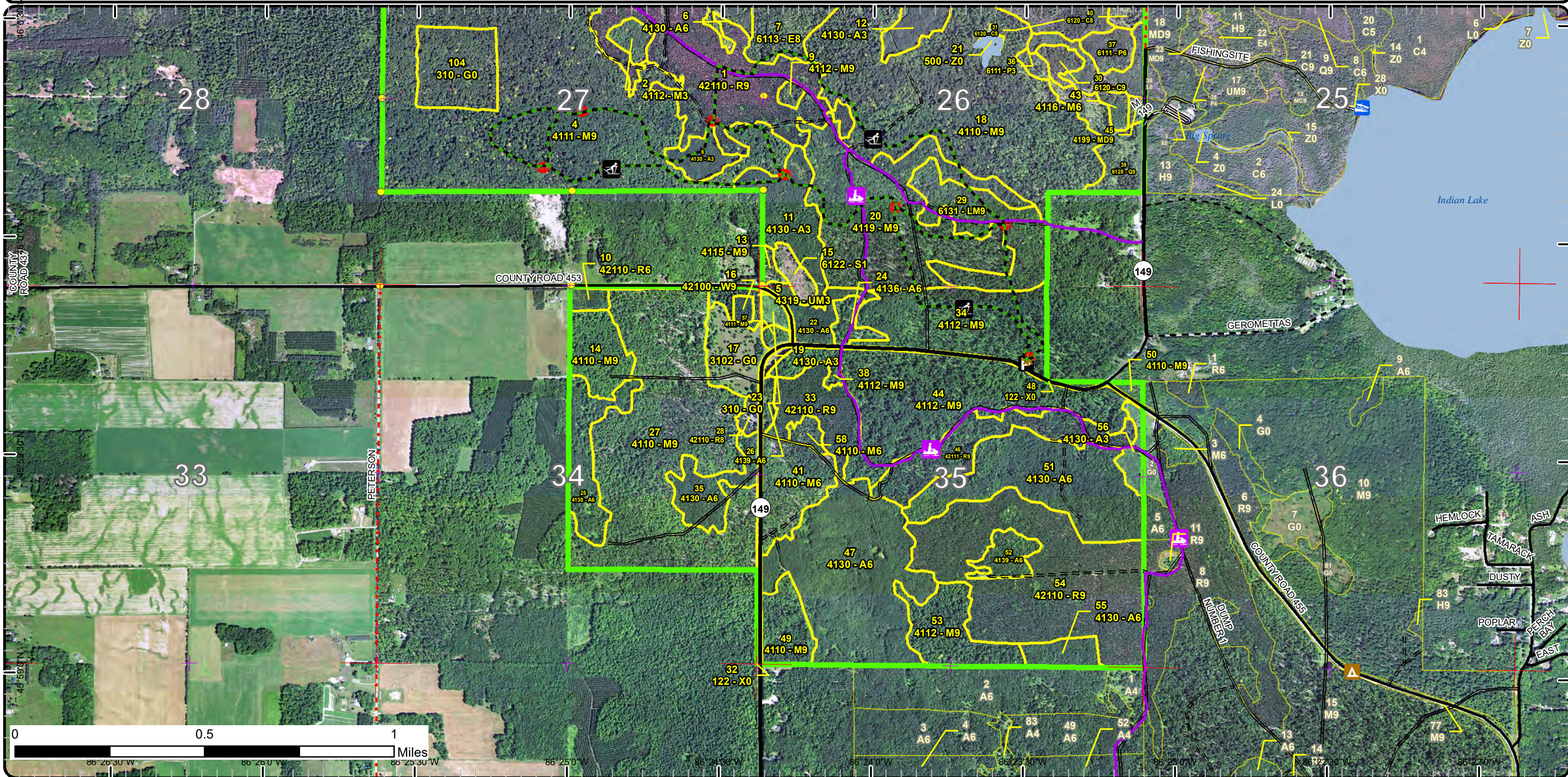


Stand Boundary Map

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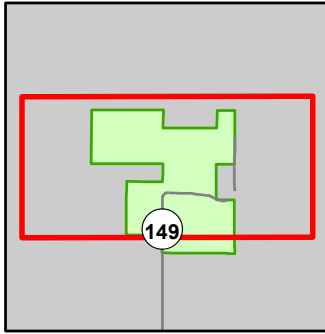


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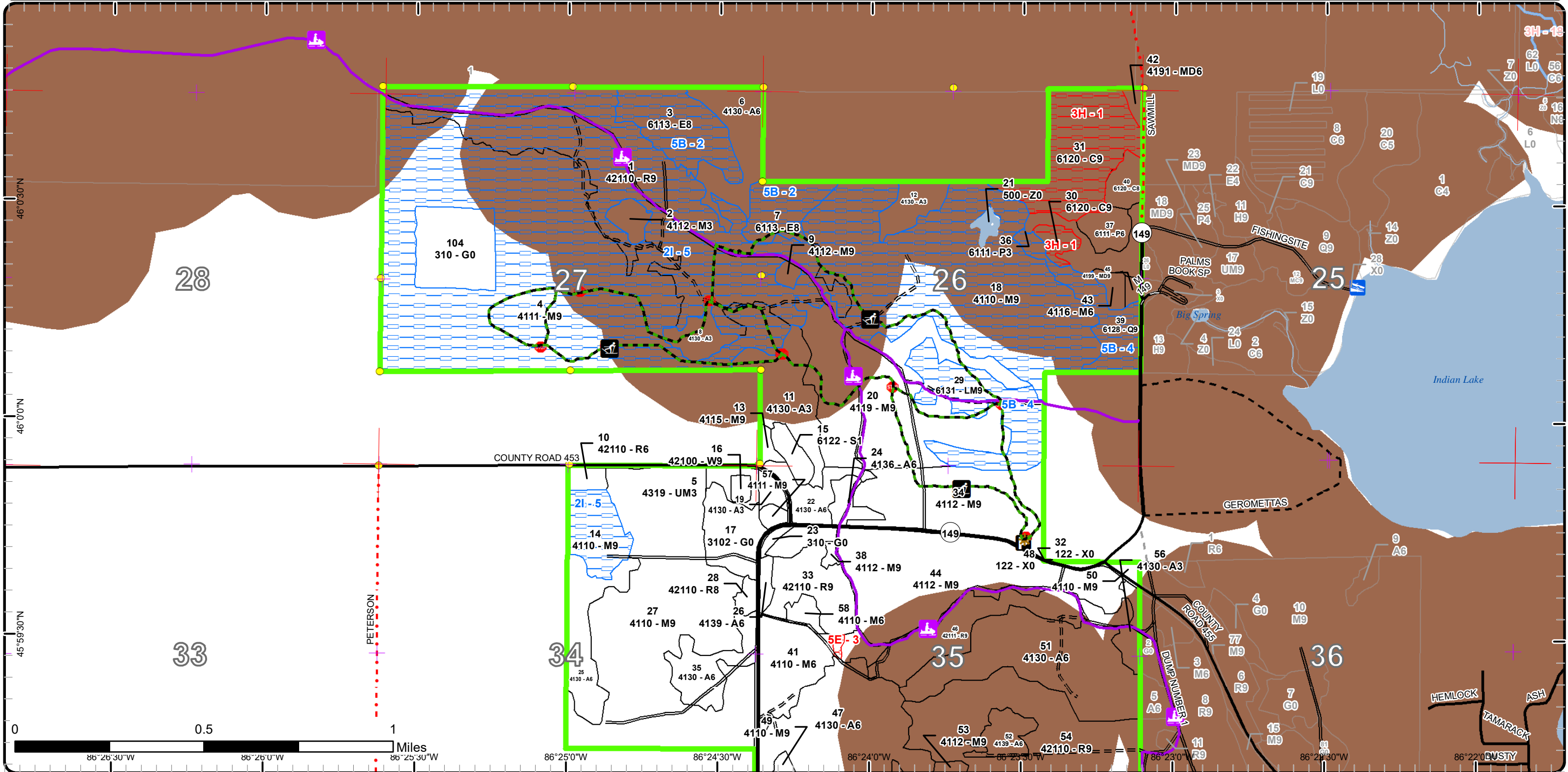


Special Conservation Areas

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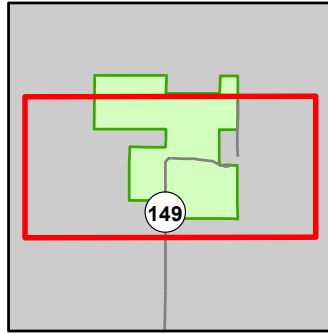


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- * Trailhead
- Intermittent Stream
- Island in Lake or River
- Perennial River
- Lakes and Rivers
- Compartment Boundary
- Available w/ Constraints
- 2I Survey needed
- 5B Maintain for regeneration purposes
- Unavailable
- 5E Long-Term Retention
- Stand Boundaries
- Wild & Scenic Streams (USFS Lands)
- Wild & Scenic Rivers (USFS Lands)
- Cold Water Streams
- Deer Winter Range

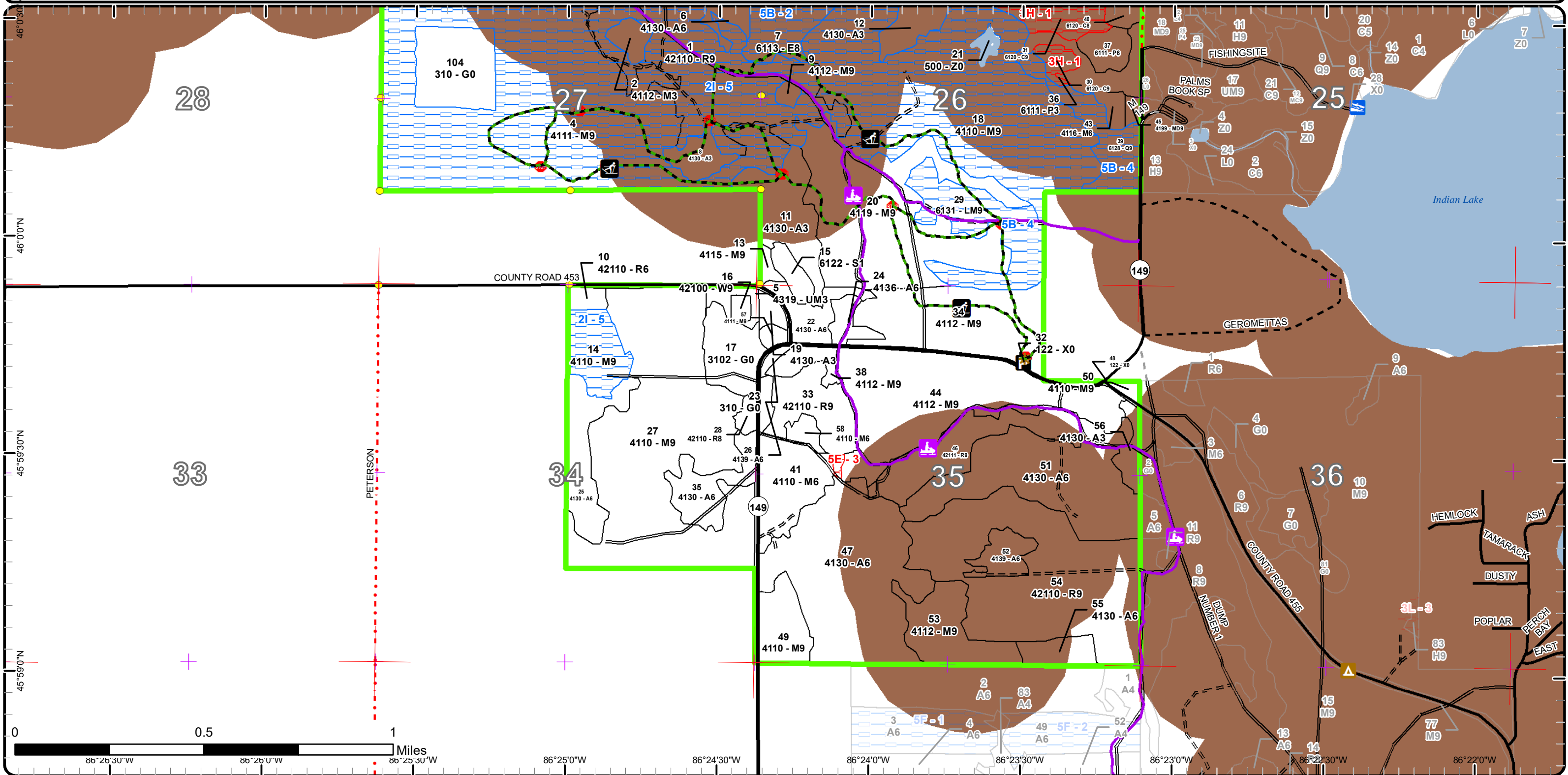


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- Lakes and Rivers
- Compartment Boundary
- Available w/ Constraints
- 2I: Survey needed
- 5B: Maintain for regeneration purposes
- Unavailable
- 5E: Long-Term Retention
- Stand Boundaries
- Wild & Scenic Rivers (USFS Lands)
- Deer Winter Range



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	10	46	91	70	99	0	0	0	0	0	0	0	0	0	0	0	0	316
Cedar	0	0	0	0	0	0	0	0	0	0	8	0	53	0	0	0	0	0	61
Herbaceous Openland	49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	49
Lowland Aspen/Balsam Poplar	0	0	14	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	22
Lowland Conifers	0	0	0	0	0	0	0	0	0	0	0	0	22	0	0	0	0	0	22
Lowland Deciduous	0	0	0	0	0	0	0	0	0	48	0	0	0	0	0	0	0	0	48
Lowland Mixed Forest	0	0	0	0	0	0	0	0	0	0	0	37	0	0	0	0	0	0	37
Lowland Spruce/Fir	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Mixed Upland Deciduous	0	0	0	0	2	0	0	0	0	0	2	0	0	0	0	0	0	0	4
Northern Hardwood	0	0	0	6	4	0	0	0	29	409	402	54	0	0	0	0	0	0	903
Red Pine	0	0	4	0	0	0	0	324	0	0	0	0	0	0	0	0	0	0	328
Upland Mixed Forest	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Urban	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13
Water	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
White Pine	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2
Total	64	16	64	97	89	99	0	326	29	457	412	91	75	0	0	0	0	0	1818



Report 2 – Treatment Summary

Shingleton Mgt. Unit

Year of Entry: 2023

Acres of Harvest

Compartment 80

Total Compartment Acres: 1,818

Commercial Harvest - 175
 Harvests with Site Condition - 581
 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
Northern Hardwood	6	428	0	0	0	0	0	0	0	434
Red Pine	23	0	0	0	0	297	0	0	0	320
White Pine	0	0	0	0	0	2	0	0	0	2
Total	28	428	0	0	0	300	0	0	0	756

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	756	0	0	0	0	0	29	0	18	803
Next Step	0	28	28	0	0	57	485	0	0	599
Total	756	28	28	0	0	57	514	0	18	1402



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

1	41080001-Cut	153.1	42110 - Planted Red Pine	Sawtimber Well	69	141-170	Harvest	Crown Thinning	4211 - Planted Red Pine	Even-Aged	No
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Prescription Thin to 120. No harvesting during snowmobile and ski season.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Site Condition Survey Needed

Proposed Start Date: 10/1 /2022

4	41080004-Cut	249.9	4111 - S.Maple, Hard Mast Association	Sawtimber Well	85	111-140	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	No
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Prescription Selection Harvest. Follow current hardwood management guidance. Target residual basal area outside of regeneration gaps is 80. Restrict to winter harvesting October 1 - April 1. Ski trail and snowmobile trail will need protection specs. Ski trail units should be restricted from Oct 1 to Dec 1. Attempt to put areas containing trail into same units.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Mixed hardwood and conifer species.

Regen:

Other

Comment:

Site Condition Survey Needed

Proposed Start Date: 10/1 /2022

14	41080014-Cut	18.9	4110 - Sugar Maple Association	Sawtimber Well	83	111-140	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	No
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Prescription Selection harvest to 80 following complete marker standards.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Mixed deciduous and coniferous species.

Regen:

Other

Comment: Harvesting operations restricted to October 1 to April 1 for deer.

Site Condition Survey Needed

Proposed Start Date: 10/1 /2022



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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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16	41080016-Cut	2.3	42100 - Planted White Pine	Sawtimber Well	67	111-140	Harvest	Crown Thinning	4210 - Planted White Pine	Even-Aged	No
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Prescription Thin to 80 to fatten crowns for future shelterwood harvest.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2022

17	41080017-NF	18.2	3102 - Grass	Nonstocked			NonForestMgt	Mowing	310 - Herbaceous Openland		No
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Prescription Mowing and other non-forest management activities.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2022

18	41080018-Cut	159.3	4110 - Sugar Maple Association	Sawtimber Well	90	111-140	Harvest	Single Tree Selection	4211 - Planted Red Pine	Uneven-Aged	No
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Prescription Selection Harvest. Follow current hardwood management guidance. Target residual basal area outside of regeneration gaps is 80.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Mixed hardwood and conifer species.

Regen:

Other

Comment: Ski trail and snowmobile trail will need protection specs.

Site Condition Survey Needed

Proposed Start Date: 10/1 /2022

33	41080033-Cut	22.9	42110 - Planted Red Pine	Sawtimber Well	67	111-140	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	No
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Prescription Cut all trees live and dead which are greater than 15 feet tall. Intensive plantation management.. Snowmobile trail may not be used for harvesting activities during snowmobile season. Retention patch has already been excluded with treatment boundary in the south.

Specs:

Next Step SitePrep, Trenching; Pesticide, Skidder - Site Prep; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Monitoring, Artificial

Treatments: Regen(3yr); Pesticide, Skidder - Release

Acceptable Red Pine

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2021



Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
38	41080038-Cut	1.5	4112 - Maple, Beech, Cherry Association	Sawtimber Well	94	81-110	Harvest	Clearcut	4211 - Planted Red Pine	Even-Aged	No
<p><u>Prescription</u> Cut all trees live and dead which are greater than 15 feet tall. Intensive plantation management.. Snowmobile trail may not be used for harvesting activities during snowmobile season. Retention patch has already been excluded with treatment boundary in the south.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> SitePrep, Trenching; Pesticide, Skidder - Site Prep; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Pesticide, Skidder - <u>Treatments:</u> Release; Monitoring, Artificial Regen(3yr)</p> <p><u>Acceptable</u> Red Pine <u>Regen:</u></p> <p><u>Other</u> <u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2021</p>											
46	41080046-Cut	34.8	42111 - Planted Red Pine, Mixed Deciduous	Sawtimber Well	62	111-140	Harvest	Crown Thinning	411 - Northern Hardwood	Even-Aged	No
<p><u>Prescription</u> Thin stand to 80 basal area. Maintain a component of all species. Overall basal area will be low due to gaps in canopy from previous harvest.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> <u>Treatments:</u></p> <p><u>Acceptable</u> <u>Regen:</u></p> <p><u>Other</u> Stand will eventually be converted to hardwood. Species percentage of red pine is decreasing within each harvest. <u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2021</p>											
54	41080054-Cut	109.5	42110 - Planted Red Pine	Sawtimber Well	69	141-170	Harvest	Crown Thinning	4211 - Planted Red Pine	Even-Aged	No
<p><u>Prescription</u> Thin to 120 basal area.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> <u>Treatments:</u></p> <p><u>Acceptable</u> <u>Regen:</u></p> <p><u>Other</u> <u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2021</p>											
58	41080058-Cut	4.0	4110 - Sugar Maple Association	Poletimber Well	79	81-110	Harvest	Clearcut	4211 - Planted Red Pine	Even-Aged	No
<p><u>Prescription</u> Cut all trees live and dead which are greater than 15 feet tall. Intensive plantation management.. Snowmobile trail may not be used for harvesting activities during snowmobile season. Retention patch has already been excluded with treatment boundary in the south.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> SitePrep, Trenching; Pesticide, Skidder - Site Prep; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Pesticide, Skidder - <u>Treatments:</u> Release; Monitoring, Artificial Regen(3yr)</p> <p><u>Acceptable</u> red pine <u>Regen:</u></p> <p><u>Other</u> <u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2021</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
104 41080104-Monitor	28.8	310 - Herbaceous Openland	Nonstocked	0	Unspecified	Monitoring	Other - Specify	411 - Northern Hardwood	Even-Aged	No
<p><u>Prescription</u> Monitoring of research results to be done by MSU (MWR research project)</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Northern Hardwoods species</p> <p><u>Regen:</u></p> <p><u>Other</u> Percent to Treat = 100%</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 4 /1 /2030</p>										

Total Treatment Acreage Proposed: 803.2

Report 4 – Site Conditions

Shingleton Mgt. Unit
Adam Petrelius : Examiner

Compartment: 80
Year of Entry: 2023

Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	Dominant Site Conditions			
		With Condition	Not Available		2I	5B	3H	5E
316	316	0	0	Aspen				
61	8	0	53	Cedar			53	
48	48	0	0	Herbaceous Openland				
22	22	0	0	Lowland Aspen/Balsam Poplar				
22	0	22	0	Lowland Conifers		22		
48	0	48	0	Lowland Deciduous		48		
37	0	37	0	Lowland Mixed Forest		37		
6	6	0	0	Lowland Spruce/Fir				
4	4	0	0	Mixed Upland Deciduous				
904	475	428	0	Northern Hardwood	428		0	
328	174	153	1	Red Pine	153			1
5	5	0	0	Upland Mixed Forest				
13	13	0	0	Urban				
2	2	0	0	Water				
2	2	0	0	White Pine				
1,818	1,075	689	54	Total Forested Acres	582	108	53	1
	59%	38%	3%	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	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	53	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
2	Available	5B: Maintain for regeneration purposes	48	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Shingleton Mgt. Unit
Adam Petrelius : Examiner

Compartment: 80
Year of Entry: 2023

3	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
4	Available	5B: Maintain for regeneration purposes	60	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Available	2I: Survey needed	582	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Stands were all set up 20 years ago, so corners will likely be present. It would be a good idea to move the timeline of this survey work up one year so stands will be ready for possible contract prep in fall.							

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	Habitat Area	An area that provide some specific need for the life cycle of wildlife species, including State Wildlife Areas and Waterfowl Production Areas, deer wintering complexes in lowland conifer communities, grassland openings and savannas. Habitat areas are distinct from critical habitat designated for recovery of endangered or threatened species (such as Kirtland's warbler or piping plover areas) in that they are more general in nature, are not primarily associated with threatened or endangered species, and are not covered by species recovery plans that are developed in cooperation with Federal agencies.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																															
1	42110 - Planted Red Pine	Sawtimber Well	153.1	69	141-170	N/A	[11/17/2016] Stand was thinned as part of Sale # 41-026-16-01 Big Deal 2. TCR Date 7/26/2016.																																																															
<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>Beech</td> <td>2</td> <td>Log</td> <td>11</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>95</td> <td>Log</td> <td>13</td> <td>69</td> </tr> <tr> <td>Red Maple</td> <td>3</td> <td>Log</td> <td>12</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Beech	2	Log	11		Red Pine	95	Log	13	69	Red Maple	3	Log	12		<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>Red Maple</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Low	5 - 10 feet	Sapling	Stand has a 13 inch average diameter and 157 basal area after taking 10 plots.																																						
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Beech	2	Log	11																																																																			
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2	4112 - Maple, Beech, Cherry Association	Sapling Well	5.5	28	1-50	N/A																																																																
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3	6113 - Lowland Maple	Sawtimber Medium	30.4	80	51-80	N/A	Stand was cut with Ski Trail Hardwood. Inmates planted 8000 white pine and there are many more volunteers.																																																															
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4	4111 - S.Maple, Hard Mast Association	Sawtimber Well	250.2	85	111-140	N/A																																																																
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5	4319 - Mixed Upland Forest	Sapling Well	4.7	31	1-50	N/A	Stand was disked, limed, and fertilized in August 2011. It was planted with various clover and rye grasses. 187 oak saplings and 10 crabapple trees were planted along the perimeter of the stand.																																																															



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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6	4130 - Aspen	Poletimber Well	25.0	35	81-110	N/A	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Red Maple		24	Pole/Sapling	7		Pin Cherry	
Black Cherry		8	Pole/Sapling	7		White Spruce	
Paper Birch		4	Pole/Sapling	6		Density	
Quaking Aspen		62	Pole/Sapling	7	35	Avg. Height	
Balsam Fir		2	Pole/Sapling	6		Size	

7	6113 - Lowland Maple	Sawtimber Medium	17.7	87	51-80	N/A	Stand was cut last entry, part of ski trail hardwood. Stand is more low ground than high. The aspen sprouted back vigorously as well as red maple.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Beech		2	Log/Pole	11		Beech	
Red Maple		72	Log/Pole	12	87	Balsam Fir	
Quaking Aspen		6	Pole/Log	9		Red Maple	
Yellow Birch		6	Log/Pole	12		White Pine	
Black Cherry		8	Log/Pole	10		Quaking Aspen	
Sugar Maple		4	Log/Pole	10		Density	
Paper Birch		2	Pole/Log	9		Avg. Height	

8	4130 - Aspen	Sapling Well	9.1	17	Immature	N/A	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Quaking Aspen		80	Sapling	2	17	Beech	
Red Maple		10	Sapling	2		Balsam Fir	
Balsam Poplar		10	Sapling	2		Red Maple	

9	4112 - Maple, Beech, Cherry Association	Sawtimber Well	2.3	82	81-110	N/A	[10/2/18 TI] This stand was cut as part of Sale #41-008-13-01 Ski Trail South Hardwood. TCR Date 5/4/2018.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Yellow Birch		5	Log/Pole	10		Beech	
Red Maple		85	Log/Pole	10	82	Red Maple	
Black Cherry		10	Log/Pole	10		Sugar Maple	

10	42110 - Planted Red Pine	Poletimber Well	3.8	19	1-50	N/A	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Quaking Aspen		10	Sapling	3		Pin Cherry	
Red Pine		90	Pole	5	19	Density	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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11	4130 - Aspen	Sapling Well	26.5	17	1-50	N/A	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Quaking Aspen		73	Sapling	3	17	Black Spruce	
Yellow Birch		5	Sapling	3		Tamarack	
Balsam Poplar		10	Sapling	3		Pin Cherry	
Red Maple		10	Sapling	3		Density	
Hemlock		2	Log/Pole	10		Avg. Height	
						Size	

12	4130 - Aspen	Sapling Well	10.6	16	1-50	N/A	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Balsam Poplar		20	Sapling	3		Balsam Fir	
Red Maple		5	Sapling	2		Paper Birch	
Quaking Aspen		70	Sapling	3	16	Sugar Maple	
Paper Birch		5	Sapling	3		Density	
						Avg. Height	
						Size	

13	4115 - Y. Birch, Hemlock NH	Sawtimber Well	2.5	84	81-110	N/A	[10/2/18 TI] Stand was cut as part of Ski Trail South Hardwood Sale #41-008-13-01. TCR Date: 5/4/18.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Bigtooth Aspen		8	Log/Pole	11		Beech	
Hemlock		10	Log	12		Red Maple	
Yellow Birch		10	Log/Pole	12		Density	
Red Maple		72	Log/Pole	10	84	Avg. Height	
						Size	

14	4110 - Sugar Maple Association	Sawtimber Well	18.9	83	111-140	N/A	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Basswood		3	Log/Pole	10		Beech	
White Ash		3	Log/Pole	12		White Ash	
Sugar Maple		85	Log/Pole	12	83	Blackberry/Raspberry	
Paper Birch		6	Log/Pole	12		Sugar Maple	
Beech		3	Log/Pole/XLog	12		Density	
						Avg. Height	
						Size	

15	6122 - Black Spruce	Sapling Poor	5.9	7	1-50	N/A	Harvested with ski trails south sale.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Hemlock		10	Log	12		Density	
Tamarack		10	Sapling	1		Avg. Height	
Black Spruce		70	Sapling	1	7	Size	
Red Maple		10	Sapling	1			

16	42100 - Planted White Pine	Sawtimber Well	2.3	67	111-140	N/A	[10/2/18 TI] Stand was cut as part of Ski Trail South Hardwood Sale #41-008-13-01. TCR Date: 5/4/18.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
White Pine		100	Log/Pole	12	67	Red Maple	
						White Pine	
						Density	
						Avg. Height	
						Size	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																													
17	3102 - Grass	Nonstocked	18.2			Managed Opening	Stand was disked, limed, and fertilized in August 2011. It was planted with various clover and rye grasses. 187 oak saplings and 10 crabapple trees were planted along the perimeter of the stand.																																																													
18	4110 - Sugar Maple Association	Sawtimber Well	159.3	90	111-140	N/A	Stand was cut in 2004-2005, Ski Trail Hardwood. Long term management goal for this stand is a conversion to hardwood.																																																													
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19	4130 - Aspen	Sapling Well	3.5	8	1-50	N/A	[10/2/18 TI] Stand was cut as part of Ski Trail South Hardwood Sale #41-008-13-01. TCR Date: 5/4/18.																																																													
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20	4119 - Mixed Northern Hardwoods	Sawtimber Well	92.8	86	81-110	N/A	[10/2/18 TI] Stand was cut as part of Ski Trail South Hardwood Sale #41-008-13-01. TCR Date: 5/4/18. Residual BA = Paper birch 7', yellow birch 12', aspen 1', Cherry 2', beech 2', hemlock 3', hard maple 13', red maple 39'; 79 total																																																													
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21	500 - Water	Nonstocked	1.8			No																																																														
22	4130 - Aspen	Poletimber Well	11.8	37	111-140	N/A	previous age was 36 years old I could not find records of this stand being older. good site.																																																													
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23	310 - Herbaceous Openland	Nonstocked	1.5			No																																																														



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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24	4136 - Aspen, Mixed Conifer	Poletimber Well	6.3	31	51-80	N/A	
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Canopy Species	% Cover	Size Class	DBH	Age
Paper Birch	2	Pole/Sapling	5	
White Spruce	5	Sapling/Pole	3	
Beech	10	Pole/Sapling	5	
Balsam Fir	10	Pole/Sapling	5	
Quaking Aspen	24	Pole/Sapling	6	31
White Pine	5	Sapling/Pole	4	
Red Maple	10	Pole/Sapling	5	
Bigtooth Aspen	24	Pole/Sapling	6	
Black Cherry	10	Pole/Sapling	5	

Sub-Canopy Species	Density	Avg. Height	Size
Pin Cherry	High	5 - 10 feet	Tall Shrub
Blackberry/Raspberry	Medium	< 5 feet	Tall Shrub

25	4130 - Aspen	Poletimber Well	23.4	43	81-110	N/A	Small plantation is included within the stand.
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Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	65	Pole	8	43
Black Cherry	14	Pole	9	
Sugar Maple	15	Pole/Log	9	
Paper Birch	6	Pole	7	

Sub-Canopy Species	Density	Avg. Height	Size
Pin Cherry	Medium	5 - 10 feet	Tall Shrub
Blackberry/Raspberry	Low	5 - 10 feet	Tall Shrub
Beech	Medium	5 - 10 feet	Sapling
Sugar Maple	Medium	5 - 10 feet	Sapling

26	4139 - Aspen, Mixed Deciduous	Poletimber Well	2.9	46	51-80	N/A	
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Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	53	Pole/Sapling	6	46
Balsam Fir	4	Sapling/Pole	4	
White Spruce	3	Sapling/Pole	4	
Sugar Maple	20	Pole	8	
Black Cherry	20	Pole	8	

Sub-Canopy Species	Density	Avg. Height	Size
White Spruce	Low	5 - 10 feet	Sapling
Beech	Medium	5 - 10 feet	Sapling
Sugar Maple	Medium	5 - 10 feet	Sapling
Pin Cherry	Medium	5 - 10 feet	Tall Shrub
Red Pine	Medium	5 - 10 feet	Sapling

27	4110 - Sugar Maple Association	Sawtimber Well	146.9	92	81-110	N/A	9/7/2016 TI - Stand was cut with the Big Ash 2 Sale #41-012-13-01. Sale is now closed. TCR Date 6/13/2016.
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Canopy Species	% Cover	Size Class	DBH	Age
Beech	2	Log/Pole/XLog	14	
Sugar Maple	86	Log/Pole/XLog	12	92
Quaking Aspen	6	Log/Pole/XLog	14	
Basswood	2	Log/Pole	11	
Ironwood	2	Pole	6	
White Ash	2	Log/Pole/XLog	14	

Sub-Canopy Species	Density	Avg. Height	Size
White Ash	Low	< 5 feet	Sapling
Beech	High	10 - 20 feet	Sapling
Sugar Maple	Medium	10 - 20 feet	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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28 42110 - Planted Red Pine Sawtimber Medium 2.8 61 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	2	Pole	9		Beech	Low	5 - 10 feet	Sapling
Red Pine	94	Log/Pole	12	61	Sugar Maple	Low	5 - 10 feet	Sapling
Paper Birch	2	Pole	9					
Sugar Maple	2	Pole	9					

29 6131 - Hemlock, White Pine, Maple, Birch Sawtimber Well 37.1 101 111-140 N/A

[10/2/18 TI] Stand was cut as part of Ski Trail South Hardwoods Sale #41-008-13-01. TCR Date 5/4/18. Residual BA = yellow birch 13', beech 1', hemlock 47', hard maple 1', red maple 52'; 114 total

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Beech	1	Log/Pole	10		Red Maple	Low	10 - 20 feet	Sapling
Hemlock	41	Log/Pole	11	101	Beech	Low	10 - 20 feet	Sapling
Red Maple	46	Log/Pole/XLog	12	101				
Sugar Maple	1	Log/Pole	12					
Yellow Birch	11	Log/Pole	12					

30 6120 - Lowland Cedar Sawtimber Well 5.0 119 111-140 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	2	Log/Pole	10		Black Ash	Low	< 5 feet	Sapling
Balsam Poplar	3	Log	12		Balsam Fir	Medium	Variable	Sapling
Hemlock	6	Log	14					
Paper Birch	10	Pole/Log	9					
Northern White Cedar	77	Log/Pole	10	119				
Balsam Fir	2	Pole	8					

31 6120 - Lowland Cedar Sawtimber Well 48.1 113 111-140 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	8	Pole	6		Balsam Fir	Medium	Variable	Sapling
Black Spruce	2	Pole	8		Tag Alder	Medium	< 5 feet	Tall Shrub
Balsam Poplar	8	Pole	6					
Black Ash	4	Pole/Sapling	5					
Quaking Aspen	2	Pole	6					
Northern White Cedar	56	Log/Pole	11	113				
Red Maple	2	Pole	6					
Balsam Fir	18	Pole	6					

32 122 - Road/Parking Lot Nonstocked 12.0 No



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																			
33	42110 - Planted Red Pine	Sawtimber Well	23.9	67	111-140	N/A	Stand was cut as part of the Westshore Red Pine Sale #41-030-13-01. Sale is now closed. TCR date: 6/1/15.																																																			
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34	4112 - Maple, Beech, Cherry Association	Sawtimber Well	54.0	100	81-110	N/A	[10/29/15 TI] Stand was cut as part of Brinkman Beech Salvage Sale #41-001-13-01. TCR date 6/18/2015.																																																			
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38	4112 - Maple, Beech, Cherry Association	Sawtimber Well	1.5	94	81-110	N/A	[10/29/15 TI] Stand was cut as part of Brinkman Beech Salvage Sale #41-001-13-01. TCR date 6/18/2015. Other species that are present on-site are: aspen, white pine, ironwood, and hemlock. These species do make up at least one percent of the canopy. stand was planted with red oak saplings according to ftp W41-1612, 2014.																																																			
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39	6128 - Lowland Coniferous, Mixed Deciduous	Sawtimber Well	22.4	116	51-80	N/A	[10/2/18 TI] Stand was cut as part of Ski Trail South Hardwood Sale #41-008-13-01. Residual BA = yellow birch 11', hemlock 26', red maple 10', cedar 21'; 68 total.																																																			
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40	6120 - Lowland Cedar	Sawtimber Medium	7.5	91	51-80	N/A	[10/2/2018 TI] Stand was cut as part of Ski Trail South Hardwoods Sale #41-008-13-01. Unit 8, Residual BA = yellow birch 7', hemlock 9', cedar 53'; total 69'																																																			
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41	4110 - Sugar Maple Association	Poletimber Well	25.3	79	81-110	N/A	9/7/2016 TI - Stand was cut with the Big Ash 2 Sale #41-012-13-01. Sale is now closed. TCR Date 6/13/2016.																																																			
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42	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	2.4	38	51-80	N/A																																																				
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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43 4116 - Mixed N. Hardwood - Aspen Poletimber Well 3.8 38 1-50 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	5	Pole/Sapling	7		Balsam Fir	Low	< 5 feet	Sapling
Red Maple	40	Pole/Sapling	7	38	Pin Cherry	Low	5 - 10 feet	Tall Shrub
Hemlock	5	Log	12					
Sugar Maple	5	Pole/Sapling	5					
Quaking Aspen	25	Pole/Sapling	7					
Yellow Birch	5	Pole/Sapling	7					
Black Cherry	15	Pole/Sapling	7					

44 4112 - Maple, Beech, Cherry Association Sawtimber Well 89.9 94 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Cherry	5	Log/Pole	12		Beech	Full	10 - 20 feet	Sapling
Yellow Birch	10	Log/Pole/XLog	13		Sugar Maple	Medium	10 - 20 feet	Sapling
Sugar Maple	65	Log/Pole/XLog	14	94				
Red Maple	20	Log/Pole/XLog	13					

[10/29/15 TI] Stand was cut as part of Brinkman Beech Salvage Sale #41-001-13-01. TCR date 6/18/2015. Other species that are present on-site are: aspen, white pine, ironwood, and hemlock. These species do make up at least one percent of the canopy. stand was planted with red oak saplings according to ftp W41-1612, 2014.

45 4199 - Other Mixed Upland Deciduous Sawtimber Well 1.9 91 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen	33	Log/Pole	10		Red Maple	Low	5 - 10 feet	Sapling
Paper Birch	11	Log/Pole	10		Sugar Maple	Low	5 - 10 feet	Sapling
Red Maple	23	Log/Pole	16		Beech	Low	5 - 10 feet	Sapling
Sugar Maple	33	Log/XLog	14	91				

[10/2/2018 TI] This stand was cut as part of Ski Trail South Hardwood Sale #41-008-13-01. Residual BA = Paper birch 10', aspen 30', hard maple 30', red maple 20'; 90 total.

46 42111 - Planted Red Pine, Mixed Deciduous Sawtimber Well 34.8 62 111-140 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Pine	75	Log/Pole	11	62	Quaking Aspen	Low	10 - 20 feet	Sapling
Sugar Maple	20	Log/Pole	11		Balsam Fir	Medium	Variable	Sapling
Black Cherry	5	Log/Pole	10		Beech	High	10 - 20 feet	Sapling

Stand was cut as part of the Westshore Red Pine Sale #41-030-13-01. Sale is now closed. TCR date: 6/1/15

It is agreed with WLD to let this stand convert to hardwood over future thinings. It is not an area that we could intensively manage easily for red pine. This is in exchange for converting stand 52 to red pine.

47 4130 - Aspen Poletimber Well 91.4 25 1-50 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	10	Pole/Sapling	5		Pin Cherry	Low	5 - 10 feet	Tall Shrub
Balsam Fir	10	Sapling/Pole	4					
Balsam Poplar	5	Pole/Sapling	5					
Bigtooth Aspen	20	Pole/Sapling	5					
Quaking Aspen	50	Pole/Sapling	5	25				
Paper Birch	5	Sapling/Pole	4					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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48 122 - Road/Parking Lot Nonstocked 1.1 No

49 4110 - Sugar Maple Association Sawtimber Well 16.4 86 81-110 N/A

[10/29/15 TI] Stand was cut as part of Brinkman Beech Salvage Sale #41-001-13-01. TCR date 6/18/2015.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	65	Log/Pole	12	86	Beech	High	5 - 10 feet	Sapling
White Ash	10	Log/Pole	13		Sugar Maple	High	5 - 10 feet	Sapling
Basswood	10	Log/Pole	12					
Yellow Birch	10	Log/Pole	12					
White Pine	5	Log/XLog	16					

Stand was planted with red oak saplings according to ftp W41-1612, 2014.

50 4110 - Sugar Maple Association Sawtimber Well 1.9 93 81-110 N/A

[10/2/18 TI] Stand was cut as part of Sinkhole Hardwoods Sale #41-009-13-01. Residual BA = Hard Maple 53', red maple 6', cherry, 3', fir 1', yellow birch 2', beech 2' total of 67'.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Cherry	5	Log/Pole	10		Beech	Medium	5 - 10 feet	Sapling
Red Maple	10	Log/Pole	10		Balsam Fir	Medium	5 - 10 feet	Sapling
Sugar Maple	85	Log/Pole	10	93	Sugar Maple	Medium	5 - 10 feet	Sapling

51 4130 - Aspen Poletimber Well 63.0 40 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	28	Pole	8		Pin Cherry	Medium	5 - 10 feet	Tall Shrub
Bigtooth Aspen	50	Pole	8	40	Sugar Maple	Medium	5 - 10 feet	Sapling
Paper Birch	2	Sapling/Pole	4		Beech	Medium	5 - 10 feet	Sapling
Black Cherry	5	Pole/Sapling	6					
Sugar Maple	10	Pole	8					
Balsam Fir	5	Pole/Sapling	6					

52 4139 - Aspen, Mixed Deciduous Poletimber Well 9.7 41 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	10	Pole/Sapling	7		Balsam Fir	Medium	5 - 10 feet	Sapling
Sugar Maple	30	Pole/Sap/Log	9	69	Sugar Maple	Medium	5 - 10 feet	Sapling
Red Pine	5	Log	14		Red Maple	Low	5 - 10 feet	Sapling
Red Maple	10	Pole	9					
Black Cherry	5	Pole/Sapling	7					
Bigtooth Aspen	40	Pole/Log	9	41				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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53	4112 - Maple, Beech, Cherry Association	Sawtimber Well	25.9	84	81-110	N/A	Harvested with Big Spring HWD sale. Was cut 20 years ago, however basal area is still low and going to wait another entry to harvest.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Red Maple		10	Log/Pole	11		Sugar Maple	
Black Cherry		5	Log/Pole	10		Balsam Fir	
Yellow Birch		10	Log/Pole	10		Beech	
Sugar Maple		50	Log/Pole/XLog	12	84	Quaking Aspen	
Bigtooth Aspen		10	Log/Pole	10		Red Maple	
Beech		15	Log/Pole	13			
						Density	Avg. Height
							Size

54	42110 - Planted Red Pine	Sawtimber Well	109.5	69	141-170	N/A	Stand was cut as part of the Westshore Red Pine Sale #41-030-13-01. Sale is now closed. TCR date: 6/1/15 13.5 inch average diameter, 144 basal area over 10 plots taken. Noticed 1 small pocket of Armillaria Root Rot.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Beech		2	Log/Pole	12		Red Maple	
Red Pine		94	Log	13	69	Sugar Maple	
Black Cherry		2	Log/Pole	11		Beech	
Sugar Maple		2	Log/Pole	12			
						Density	Avg. Height
							Size

55	4130 - Aspen	Poletimber Well	9.2	38	N/A	N/A	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Quaking Aspen		55	Pole/Sapling	7	38	Sugar Maple	
Bigtooth Aspen		15	Pole/Sapling	7		Red Maple	
Sugar Maple		5	Sapling/Pole	3		Balsam Fir	
Balsam Fir		5	Pole/Sapling	5			
Red Maple		15	Pole/Sapling	7			
Black Cherry		5	Pole/Sapling	5			
						Density	Avg. Height
							Size

56	4130 - Aspen	Sapling Well	6.3	8	1-50	N/A	Stand was cut as part of Indian Lake Chips Sale #41-001-14-01. TCR Date 9/14/15.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Balsam Fir		5	Sapling	1			
Quaking Aspen		95	Sapling	1	8		
						Density	Avg. Height
							Size

57	4111 - S.Maple, Hard Mast Association	Sawtimber Well	2.3	91	111-140	N/A	Stand was left for visual management last entry. Small Stand not worth salvaging beach in Ash just hold.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Beech		15	Log	16		Sugar Maple	
Yellow Birch		20	Log/Pole	12		Beech	
White Ash		5	XLog/Log	18			
Sugar Maple		40	Log/Pole	12	91		
Basswood		20	Log	16			
						Density	Avg. Height
							Size



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																					
58	4110 - Sugar Maple Association	Poletimber Well	4.0	79	81-110	N/A	9/7/2016 T1 - Stand was cut with the Big Ash 2 Sale #41-012-13-01. Sale is now closed. TCR Date 6/13/2016.																																					
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104	310 - Herbaceous Openland	Nonstocked	28.6	0	Unspecified	411 - Northern Hardwood	[10/3/18 T1]This stand was cut as part of Sale 41-010-17-01 Inside Out Maple MWR. TCR Date 7/11/2018. Seed trees were left according to MSU specifications. Sprayed and trenched in fall 2020.																																					
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