



# Compartment Review Presentation

Shingleton Forest Management Unit

Compartment 41001

Entry Year 2027

Acreage: 1,004

County: Schoolcraft

Management Area: Seney Lake Plain

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**Stand Examiner:** Scott Kentner

**Legal Description:**

T45N R13W Sections 1, 12 and 13

**Identified Planning Goals:**

Management activities that coordinate multiple uses and benefits for the people of Michigan including recreation, timber production and protection/enhancement of wildlife habitat are desirable.

**Soil and topography:**

This area typically displays flat to gently rolling terrain, and most of this compartment features upland habitat on sandy soils including Kalkaska sand, Liminga fine sand, and Graveraet very fine sandy loam. The lowland areas are generally on either muck soils or peat. The most commonly occurring habitat types are AFPo (sugar maple-beech/hairy Solomon's seal) and ATFD (sugar maple-hemlock-beech/shield fern) which account for the dominance of northern hardwoods throughout most of the compartment. These habitat types are known to produce high-quality wood products of all tree species, but require major disturbance to keep them from reverting to the hardwoods.

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

There are numerous hunting camps on the private lands in and adjacent to this compartment. State-owned lands consist of 3 separate blocks of 40, 160, and approx. 843 acres. All are contiguous to state-owned lands in Compartment 2 to the west.

**Unique Natural Features:**

None known at this time.

**Archeological, Historical, and Cultural Features:**

None known at this time.

**Special Management Designations or Considerations:**

Due to this area's proximity to the Fox River, proper use of all BMP's associated with flowing water are critical.

**Watershed and Fisheries Considerations:**

This compartment contains an un-mapped drainage that has continuous flow throughout the year, indicating strong inputs of groundwater. Additionally, this drainage serves as a tributary to the Fox River, a designated Natural River. The Fox River system supports a very good brook trout population. The Fox is currently stocked with brook trout, but recent fisheries surveys indicate that significant natural reproduction is occurring, and that suspension of stocking may be instituted to determine if the brook trout population can support itself through natural reproduction. Small streams and drainages such as this un-named drainage are important regarding preserving water quality to larger streams and rivers, such as the Fox River. Protecting the river systems from inputs of sediment is crucially important. Best Management Practices should be followed.

**Wildlife Habitat Considerations:**

This compartment lies southeast of Seney. During pre-settlement times, sugar maple appeared to be the most abundant tree species in the upland forest. Beech, hemlock, basswood, and American elm were common, while yellow birch, red maple and balsam fir appeared to be minor components in the sugar maple forest. Tamarack, spruce and cedar dominated the lowland areas. Lowland areas within this compartment appear to be similar to pre-settlement species composition. Upland areas remain dominated by northern hardwood stands. However, the species composition of those stands has shifted from a heterogeneous mixture of hardwoods and conifers to a system dominated by sugar maple. The amount of hemlock and beech in those stands appears to have been reduced. Additionally, red pine plantations and aspen of various ages now occur across a fair portion of this compartment. Featured species in this compartment are black bear, northern goshawk, snowshoe hare, spruce grouse, and white-tailed deer. Wildlife objectives for hardwood stands include restoring structural and species diversity. Additionally, the red pine plantations within this compartment contain substantial amounts of hardwood regeneration. Through rotational thinnings, these stands will eventually revert to diverse northern hardwoods containing super-canopy red pine. Maintaining age class diversity

between the aspen stands and promoting mast-bearing tree and shrub species are also important habitat goals.

### **Mineral Resource and Development Concerns and/or Restrictions**

: Surface sediments consist of peat and muck and lacustrine (lake) sand and gravel. There is insufficient data to determine the glacial drift thickness. The Ordovician Stonington and Big Hill Formations and Queenston Shale subcrop below the glacial drift. The Stonington and Big Hill could be used for stone/dolomite. Gravel pits are not found in the general area, but there may be some potential on the uplands. There is no commercial oil and gas production in the UP.

### **Vehicle Access:**

Most of the compartment is easily accessible by woods roads that connect to the Old Seney Road (Co. Rd. 450), which also passes through the southernmost block of 160 acres in section 13. The woods road network also connects directly to Highway M-28 to the north.

### **Survey Needs:**

None known at this time.

### **Recreational Facilities and Opportunities:**

The Old Seney Road is a groomed and well-used snowmobile trail, and this area also receives heavy hunting pressure. There are no other improved recreational facilities within this compartment.

### **Fire Protection:**

The existing road network provides good access to most of the state lands, which generally feature relatively low-risk fuel types such as northern hardwoods and aspen. There are numerous open areas of grass and upland brush throughout the compartment. The adjacent private lands feature low, wet terrain that could prove challenging, both for access and their more hazardous conifer fuel types.

### **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**

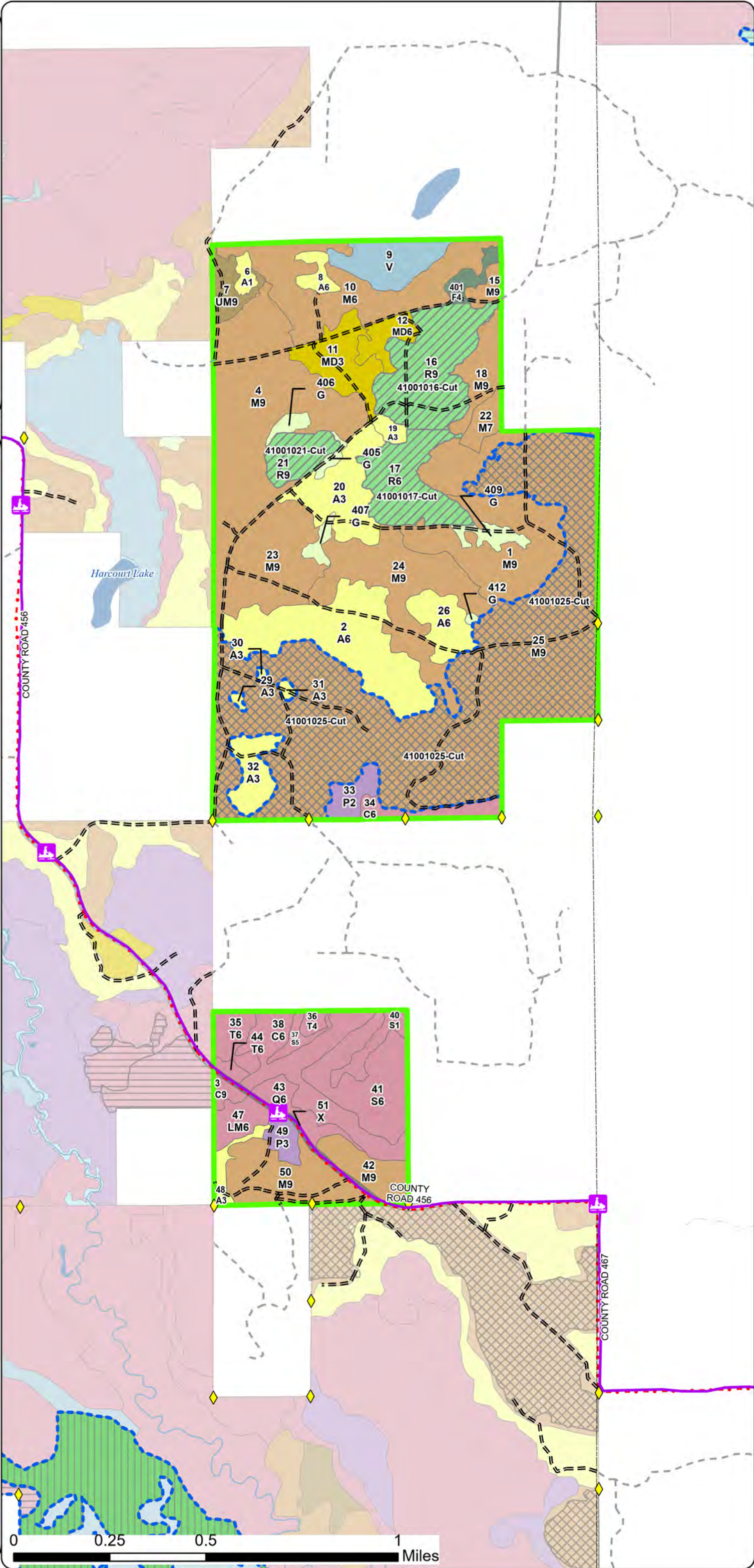


Cover Type & Treatments Map

Compartment: 41001  
T45N,R13W, Sec: 1, 12, 13  
County: Schoolcraft  
Unit: Shingleton  
Mgmt. Area: Seney Lake Plain  
YOE: 2027  
Acres: 1,003.73 GIS Calculated  
Examiner: Scott Kentner  
Date Exported: 07/30/2025  
Map Phase: Web Post

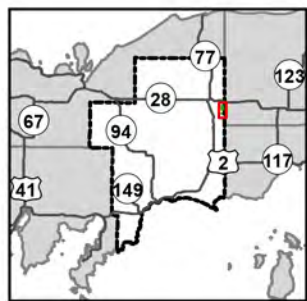














- Survey Grade Corners
- Designated Snowmobile Trails
- DNR - Forest Access Route
- County - Gravel Road
- Private - Paved Road
- Private - Dirt / Gravel Road
- Intermittent Stream
- Perennial River
- Lakes and Rivers
- Counties
- Compartment Boundary
- Treatments with Site Conditions
- Selection
- Thinning
- Clearcut
- Selection
- Shelterwood
- Overstory Removal
- 411 - Northern Hardwood
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 423 - Other Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 122 - Road/Parking Lot
- 310 - Herbaceous Openland
- 622 - Lowland Shrub

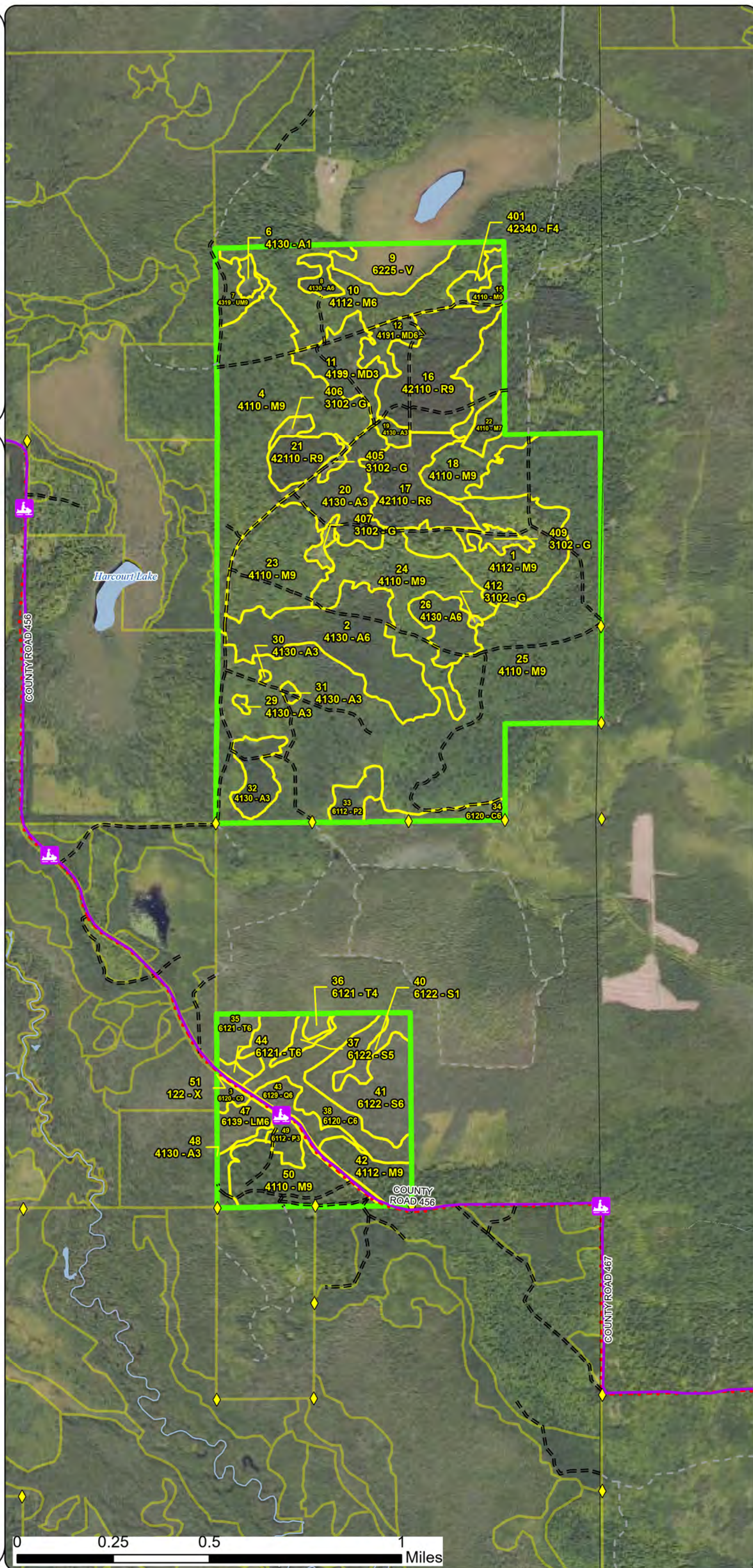




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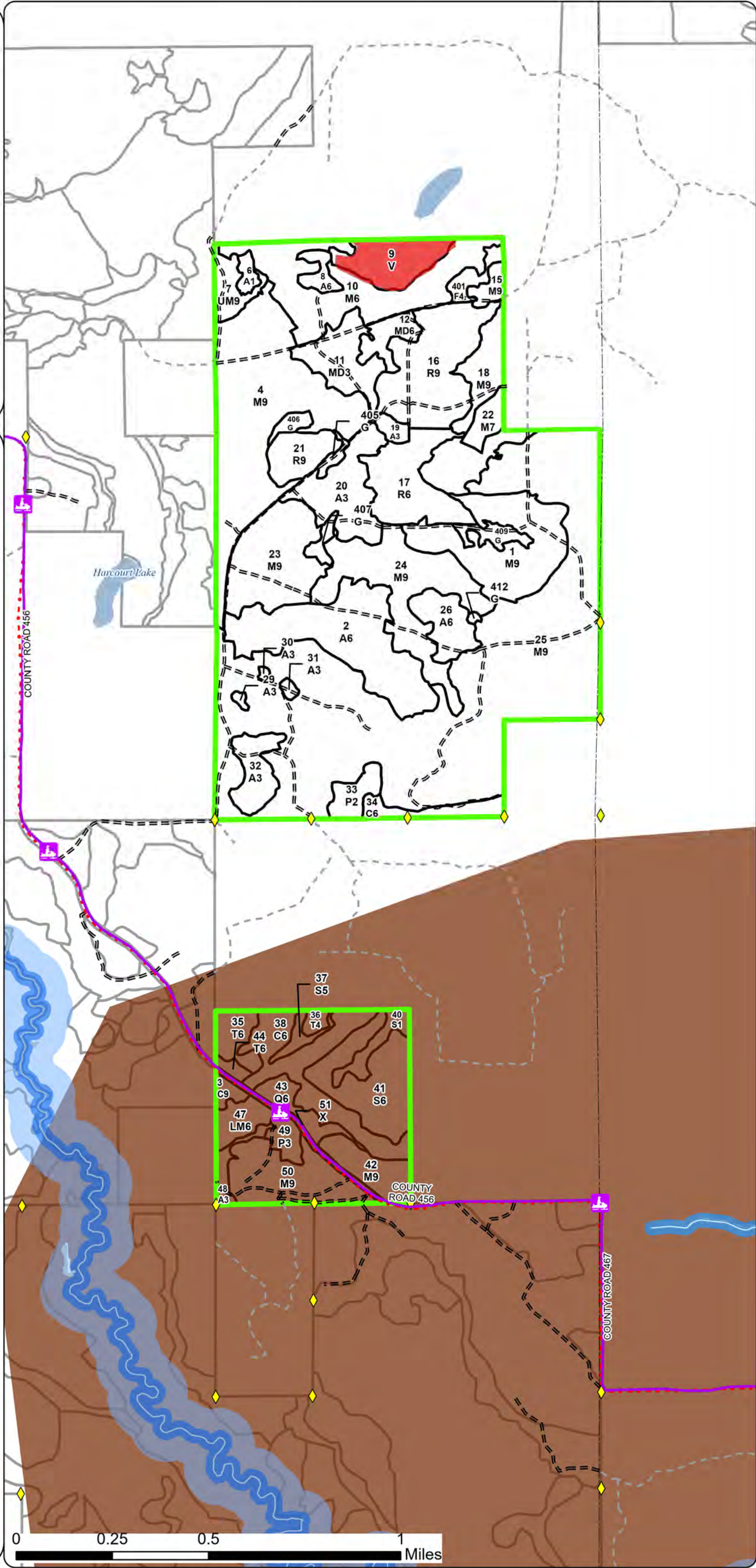
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Special Conservation Areas  
& Site Conditions Map

Compartment: 41001  
T45N,R13W, Sec: 1, 12, 13  
County: Schoolcraft  
Unit: Shingleton  
Mgmt. Area: Seney Lake Plain  
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- Perennial River
- Lakes and Rivers
- Counties
- Compartment Boundary
- Stand Boundaries
- Ecological Reference Areas
- Natural Rivers Vegetative Buffer
- Natural Rivers Zoning District
- Cold Water Streams
- High Priority Trout Stream Buffer
- 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	3	0	15	102	0	0	0	0	0	0	0	0	0	0	0	0	0	120
Bog	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18
Cedar	0	0	0	0	0	0	0	0	0	0	0	9	0	3	0	0	32	0	44
Herbaceous Openland	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13
Lowland Aspen/Balsam Poplar	0	0	8	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	13
Lowland Conifers	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	8
Lowland Mixed Forest	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	8
Lowland Spruce/Fir	0	0	0	0	0	0	7	0	0	0	0	31	0	0	0	0	0	4	42
Mixed Upland Deciduous	0	0	0	0	19	0	0	8	0	0	0	0	0	0	0	0	0	0	27
Northern Hardwood	0	0	0	0	0	0	0	0	0	447	0	0	0	0	0	0	0	152	599
Red Pine	0	0	0	0	0	0	82	0	0	0	0	0	0	0	0	0	0	0	82
Tamarack	0	0	0	0	0	0	2	0	0	2	9	0	0	0	0	0	0	0	13
Upland Mixed Forest	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	8
Upland Spruce/Fir	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	5
Urban	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
<b>Total</b>	<b>36</b>	<b>3</b>	<b>8</b>	<b>15</b>	<b>126</b>	<b>8</b>	<b>91</b>	<b>13</b>	<b>0</b>	<b>458</b>	<b>9</b>	<b>48</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>32</b>	<b>156</b>	<b>1005</b>



## Report 2 – Treatment Summary

Shingleton Mgt. Unit  
Year of Entry: 2027

Acres of Harvest

Compartment 1  
Total Compartment Acres: 1,004

Commercial Harvest - 82  
Harvests with Site Condition - 522  
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		0	261	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	261	
Red Pine		0	0	0	0	0	0	82	0	0	0	0	0	0	0	0	0	0	0	82	
	Total	0	261	0	0	0	0	82	0	0	0	0	0	0	0	0	0	0	0	343	

### Proposed and Next Step Treatments by Method

		Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres		
Current		343	0	0	0	0	0	0	0	0	343		
Next Step		0	0	0	0	0	0	261	0	0	261		
	Total	343	0	0	0	0	0	261	0	0	604		



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:**

<b>16</b>	<b>41001016-Cut</b>	41.6	42110 - Planted Red Pine	9	57	81-110	Harvest	Thinning	4211 - Planted Red Pine	Planting Record	No
<u>Prescription</u> 3rd Entry Thinning: Remove 1/4 to 1/3 of the BA, focus on removing trees that are large in size and at their economic peak for value (current <u>Specs:</u> crop trees).  <u>Next Step</u> <u>Treatments:</u>  <u>Acceptable</u> Red Pine <u>Regen:</u>  <u>Other</u> <u>Comment:</u>  <u>Site Condition:</u>  <u>Proposed Start Date:</u> 10/01/2026											
<b>17</b>	<b>41001017-Cut</b>	27.9	42110 - Planted Red Pine	6	57	81-110	Harvest	Thinning	4211 - Planted Red Pine	Planting Record	No
<u>Prescription</u> 3rd Entry Thinning: Remove 1/4 to 1/3 of the BA, focus on removing trees that are large in size and at their economic peak for value (current <u>Specs:</u> crop trees).  <u>Next Step</u> <u>Treatments:</u>  <u>Acceptable</u> Red pine <u>Regen:</u>  <u>Other</u> <u>Comment:</u>  <u>Site Condition:</u>  <u>Proposed Start Date:</u> 10/01/2026											
<b>21</b>	<b>41001021-Cut</b>	12.1	42110 - Planted Red Pine	9	57	81-110	Harvest	Thinning	4211 - Planted Red Pine	Planting Record	No
<u>Prescription</u> 3rd Entry Thinning: Remove 1/4 to 1/3 of the BA, focus on removing trees that are large in size and at their economic peak for value (current <u>Specs:</u> crop trees).  <u>Next Step</u> <u>Treatments:</u>  <u>Acceptable</u> Red pine <u>Regen:</u>  <u>Other</u> <u>Comment:</u>  <u>Site Condition:</u>  <u>Proposed Start Date:</u> 10/01/2026											
<b>25</b>	<b>41001025-Cut</b>	261.2	4110 - Sugar Maple Association	9	88	111- 140	Harvest	Selection	411 - Northern Hardwood	Current	No
<u>Prescription</u> Single Tree Selection Harvest: Mark stand down to an average of about 80 BA. Follow the northern hardwood marking guidance to promote <u>Specs:</u> advanced regen that is currently growing in the understory.  <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u>  <u>Acceptable</u> Acceptable northern hardwood species <u>Regen:</u>  <u>Other</u> <u>Comment:</u>  <u>Site Condition:</u> Survey Needed <u>Proposed Start Date:</u> 10/01/2026											



S  
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a  
n  
dTreatment  
Name

Acres

Stand  
CoverTypeSize  
DensityStand  
AgeBA  
RangeTreatment  
TypeTreatment  
MethodCover Type  
ObjectiveAge  
StructureHabitat  
Cut

Total Treatment  
Acreage Proposed: 342.8



Availability for Management

Total Acres    Acres Available    Acres With Condition    Acres Not Available

Dominant Site Conditions  
2I    3A

120	120	0	0	Aspen		
18	0	0	18	Bog		18
43	43	0	0	Cedar		
13	13	0	0	Herbaceous Openland		
13	13	0	0	Lowland Aspen/Balsam Poplar		
8	8	0	0	Lowland Conifers		
8	8	0	0	Lowland Mixed Forest		
42	42	0	0	Lowland Spruce/Fir		
27	27	0	0	Mixed Upland Deciduous		
599	337	261	0	Northern Hardwood	261	
82	82	0	0	Red Pine		
13	13	0	0	Tamarack		
8	9	0	0	Upland Mixed Forest		
5	5	0	0	Upland Spruce/Fir		
5	5	0	0	Urban		
1,004	725	261	18	Total Forested Acres	261	18
	72%	26%	2%	Relative Percent		

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

Site No.	Dominant Site Cond	Dominant Site Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable		3A: Conservation values incompatible with harvest at this time	18	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Ecological Reference Area: Treed Bog								
2	Available		2I: Survey needed	261	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>								



## Report 4 – Site Conditions



15	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
18	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
20	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
21	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
22	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
23	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
24	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
25	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Shingleton Mgt. Unit  
Scott Kentner: Examiner

## Report 4 – Site Conditions

Compartment: 1  
Year of Entry: 2027



26	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
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Comments:



Mgt. Unit

Compartment: #Type!  
Year of Entry:

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

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
Comments				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																										
1	4112 - Maple, Beech, Cherry Association	Sawtimber Well	42.9	88	51-80	N/A	2015: Cut in 2001.Stand is variable as far as stocking, areas with higher BA is due to red maple clumps. Scattered spruce on edges as well as beech brush.																																										
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Sugar Maple</td><td>75</td><td></td><td>10</td><td>88</td></tr><tr><td>Red Maple</td><td>25</td><td></td><td>10</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Sugar Maple	75		10	88	Red Maple	25		10		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Sugar Maple</td><td>Medium</td><td>Variable</td><td>Variable</td></tr><tr><td>Balsam Fir</td><td>High</td><td>Variable</td><td>Variable</td></tr><tr><td>Ironwood</td><td>Medium</td><td>Variable</td><td>Variable</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Sugar Maple	Medium	Variable	Variable	Balsam Fir	High	Variable	Variable	Ironwood	Medium	Variable	Variable														
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2	4130 - Aspen	Poletimber Well	52.5	31	1-50	N/A	YOE 2008: Young aspen with scattered residual conifers from the last stand, and occasional pockets of conifer regeneration. A few small patches of pin cherry etc. are also present, but provide valuable soft mast for wildlife.																																										
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Sugar Maple</td><td>2</td><td>Log</td><td>4</td><td></td></tr><tr><td>Quaking Aspen</td><td>93</td><td>Sapling</td><td>6</td><td>31</td></tr><tr><td>Black Cherry</td><td>2</td><td>Sapling</td><td>6</td><td></td></tr><tr><td>White Ash</td><td>3</td><td>Seedling</td><td>8</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Sugar Maple	2	Log	4		Quaking Aspen	93	Sapling	6	31	Black Cherry	2	Sapling	6		White Ash	3	Seedling	8		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Sugar Maple</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Sugar Maple	Low	5 - 10 feet	5 - 10 feet												
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3	6120 - Lowland Cedar	Sawtimber Well	2.9	125	81-110	N/A	2015: Part of stand was included was included in a sale and not cut. There is Blue paint on the west side against compartment 2. Sale sold to zellar ex under contract number 41-023-08-01 osr conifers Unit returned uncut. RH3/22/14																																										
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Black Spruce</td><td>5</td><td></td><td>10</td><td></td></tr><tr><td>Northern White Cedar</td><td>90</td><td></td><td>12</td><td>125</td></tr><tr><td>Red Maple</td><td>1</td><td></td><td>10</td><td></td></tr><tr><td>Paper Birch</td><td>4</td><td></td><td>12</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Black Spruce	5		10		Northern White Cedar	90		12	125	Red Maple	1		10		Paper Birch	4		12		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Red Maple</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>Balsam Fir</td><td>Low</td><td>Variable</td><td>Variable</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Low	Variable	Variable	Balsam Fir	Low	Variable	Variable								
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4	4110 - Sugar Maple Association	Sawtimber Well	85.0	88	51-80	N/A	TS: MHM:4-16 EAB & SBW unit 1. All Ash, Balsam and spruce removed from stand. TCR: 3/9/18																																										
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6	4130 - Aspen	Sapling Poor	2.8	7	Immature	N/A	Unit 3 of MHM:4-16 EAB & SBW Salvage. No residual TCR:3/9/18																																										
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7	4319 - Mixed Upland Forest	Sawtimber Well	8.5	85	81-110	N/A	2015: Stand is a bit odd, red maple overstory with a fir being codominate in many parts. Scattered hemlock in places as well as a few beech. 10/21/2015 "This stand was flagged with high or very high potential for spruce budworm impact but the decision at Compartment Review was not to harvest the stand at this time."																																										
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8	4130 - Aspen	Poletimber Well	4.6	32	1-50	N/A																																											
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments			
17	42110 - Planted Red Pine	Poletimber Well	27.9	57	81-110	N/A	[8/13/08] Now under contract TS 41-003-07-01 Octo-Pine. Residual BA: Red pine - 120; b.cherry - 1; total = 121 sq.ft./acre [2-24-12] Sale is now closed/completed TCR dtd 1/30/12.  Comp 1 Spp. Units 6-7 TS: 41-028-17-01 TCR: 8/28/18			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Red Pine		100		10	57	Sugar Maple		Low	Variable	Variable
18	4110 - Sugar Maple Association	Sawtimber Well	27.3	88	81-110	N/A				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Balsam Fir		5	Seedling	8		Sugar Maple		Medium	Variable	Variable
Quaking Aspen		5		14		Ironwood		Medium	Variable	Variable
White Ash		5		14		Balsam Fir		Medium	Variable	Variable
Sugar Maple		85		12	88	Beech		Low	Variable	Variable
19	4130 - Aspen	Sapling Well	3.0	20	1-50	N/A				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Black Cherry		10	Log	2		Ironwood		Medium	5 - 10 feet	5 - 10 feet
Quaking Aspen		60	Log	4	20					
Ironwood		30	Log	2						
20	4130 - Aspen	Sapling Well	24.5	30	1-50	N/A				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Quaking Aspen		83	Log	4	30	Sugar Maple		Low	Variable	Variable
Black Cherry		15	Log	4		Ironwood		Medium	Variable	Variable
Balsam Fir		2	Seedling	6						
21	42110 - Planted Red Pine	Sawtimber Well	12.1	57	81-110	N/A	[8/13/08] Now under contract TS 41-003-07-01 Octo-Pine. Residual BA: Red pine - 101; b.cherry - 5; total = 106 sq.ft./acre [2-24-12] Sale is now closed/completed TCR dtd 1/30/12.  Comp 1. Pinus Spp. unit 9 TS:41-028-17-01 TCR: 8/28/18			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Red Pine		100		12	57	Sugar Maple		Medium	5 - 10 feet	5 - 10 feet
22	4110 - Sugar Maple Association	Sawtimber Poor	6.1	88	1-50	N/A	comp 1 Pinus spp unit 8 TS: 41-028-17-01 TCR: 8/28/18			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Sugar Maple		80		14	88	Quaking Aspen		High	5 - 10 feet	5 - 10 feet
Black Cherry		10	Seedling	8						
Balsam Fir		10	Seedling	8						
23	4110 - Sugar Maple Association	Sawtimber Well	35.8	88	81-110	N/A	Areas of higher BA are due to tree clumps.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	
Sugar Maple		90		12	88	Sugar Maple	Low	Variable	Variable	
White Ash		10		16		Ironwood	Medium	Variable	Variable	







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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
41	6122 - Black Spruce	Poletimber Well	31.2	100	51-80	N/A			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce		100	Sapling	5	100	Black Spruce	Medium	Variable	Variable
42	4112 - Maple, Beech, Cherry Association	Sawtimber Well	13.4	88	51-80	N/A	41-039-17 unit 8		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Basswood		2		14		Black Cherry	Low	10 - 20 feet	10 - 20 feet
Beech		2		16		Beech	Low	10 - 20 feet	10 - 20 feet
Sugar Maple		61		14	88	Yellow Birch	Low	10 - 20 feet	10 - 20 feet
Red Maple		35		14		Sugar Maple	High	10 - 20 feet	10 - 20 feet
						Red Maple	Low	10 - 20 feet	10 - 20 feet
43	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	8.4	100	81-110	N/A	2015: Composition changes the length of the stand, more lowland hardwood in north to conifer in south.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch		5	Seedling	8		Balsam Fir	Medium	Variable	Variable
Black Ash		5	Pole	4		Northern White Cedar	Low	Variable	Variable
White Spruce		10	Seedling	5					
Northern White Cedar		45	Seedling	8	100				
Hemlock		10		14					
Balsam Fir		25	Seedling	6					
44	6121 - Tamarack	Poletimber Well	2.0	80	111-140	N/A	Sale sold to zellar ex under contract number 41-023-08-01 osr conifers Unit returned uncut. RH3/22/14A lot of the Tamarack is dead beyond salvage.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Tamarack		97	Seedling	8	80	Balsam Fir	Medium	5 - 10 feet	5 - 10 feet
Black Spruce		1	Seedling	8		Northern White Cedar	Low	5 - 10 feet	5 - 10 feet
Northern White Cedar		2	Seedling	8					
47	6139 - Mixed Lowland Forest	Poletimber Well	8.2	45	51-80	N/A	Sale sold to zellar ex under contract number 41-023-08-01 osr conifers Unit returned uncut. RH3/22/14		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen		45	Sapling	5	45	Red Maple	Low	Variable	Variable
Black Spruce		35	Seedling	8	90	Black Ash	Low	Variable	Variable
Northern White Cedar		15		10		Balsam Fir	Low	Variable	Variable
Red Maple		3		10					
Paper Birch		2		10					







Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
407	3102 - Grass	None	3.0			No	