

# Compartment Review Presentation

Sault Ste. Marie Forest Management Unit

Compartment 45174

Entry Year: 2027

Acreage: 1,810

County: Mackinac

Management Area: St. Ignace Lake Plain

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**Stand Examiner:** Cody Flatt

## Legal Description:

T43N-R10W Sections 27, 28, 33 & 34, Garfield Township.

## Identified Planning Goals:

The compartment location is the southeast corner of US-2 and M-117, south and east to Lake Michigan. The large cedar swamps, and wooded dune and swale complexes host wintering deer, and are to be left intact. This will also protect any endemic shoreline threatened and endangered species and communities. There has been timber management in accessible stands during the past entries.

## Soil and topography:

The majority of the compartment consists of wooded dune and swale complexes. Lowlands primarily consist of Markey and Carbondale mucks, which occupy depressions on ground moraines, lake plains and outwash plains. Minor components of Eastport-Leafriver complex (dune-swale complexes), Markey-Spot-Finch complex (organic depressions; depressions and nearly level areas on lake plains), and Zela muck (swales and depressions on beach ridges) are present. The swale and ridge complex along Lake Michigan is primarily Leafriver-Croswell-Wainola complex. Other associated upland areas consist of Croswell-Wainola complex (nearly level and undulating areas on lake plains), and Eastport sand (nearly level to rolling to very steep areas on dune and beach ridges). The unusual outlier in this compartment is in the SENE of section 28. This corner consists of Amadon-Rock outcrop complex and occupies nearly level to rolling areas on bedrock controlled ground moraines.

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

State lands are adjacent to the west and southwest. These are winter deer yarding areas. Ownership to the north is primarily state lands, including MDOT, and one private forty. This is also considered winter deer yarding areas. Highway US-2 runs along the north edge of the compartment. Two MDOT parcels of 40 acres each abut US-2 to the south. Two private in-holdings (seasonal camps) of 80 acres each also abut US-2 to the south. The adjacent lands to the east are part of the Hiawatha Sportsman's Club. The Hiawatha Club lands are not developed here, except for along the Lake Michigan shoreline to the east where houses are located. There is also a private access road along the eastern boundary of the compartment (Carnegie Trail), which leads to Lake Michigan. The road follows the shoreline to the southwest where high value, deed restricted homes dot the shoreline. This private area along the southern boundary of the compartment is part of the Carnegie Trail Association, with multiple landowners as well as some Nature Conservancy parcels. One of these parcels was recently gifted to the state as part of a wetland mitigation plan.

## Unique Natural Features:

There is a known osprey nest within the compartment. With the lakeshore influences, there is potential for several rare, threatened and endangered plant and animal species and communities.

## Archeological, Historical, and Cultural Features:

None noted.

## Special Management Designations or Considerations:

None

## Watershed and Fisheries Considerations:

This compartment contains the Rock River and Miller Lake. The Rock River is a designated Type 1 trout stream less than 50-ft wide and has a predicted mean July water temperature of 62.6°F (cold stream). A 300-foot buffer is recommended for the Rock River in riparian areas susceptible to Aspen regeneration. For areas not susceptible to Aspen regeneration, a minimum 100-foot, plus 5 feet per 1% increase in slope, buffer is recommended to protect these resources in accordance with Best Management Practices. Miller Lake is a small 17-acre natural lake. A minimum 100-foot, plus 5 feet per 1% increase in slope, buffer is recommended to protect Miller Lake shoreland areas in accordance with Best Management Practices.

## Wildlife Habitat Considerations:

This compartment is in the St. Ignace Lake Plain Management Area where featured wildlife species include American

marten, American woodcock, black bear, blackburnian warbler, black-throated blue warbler, ruffed grouse, sharp-tailed grouse, snowshoe hare, and white-tailed deer. The entire compartment is part of a deer wintering complex. Wooded dune and swale complex is present and should remain protected. Conifer dominates the compartment with a major component of cedar, fir, white pine, and hemlock. This provides habitat for blackburnian warblers, deer, bear, and others.

### **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 potential for economic production of metallic minerals in this area. The closest known active sand & gravel operation is less than two miles west and north of the compartment. Potential for any sand & gravel development within the compartment appears to be limited. The State does not own all the mineral rights within the compartment. Because the mineral estate is the dominant estate, the surface owner must provide the owner of the mineral rights reasonable access to the surface for mineral exploration and development.

### **Vehicle Access:**

Highway US-2 runs along the northern boundary of the compartment, however, overall access is fair to poor. Rock River Road, a fair dirt/gravel DNR road, runs from Big Knob Road up to this old crossing at Rock River. Carnegie Trail, a private gravel road, is located immediately adjacent on the eastern boundary of the compartment. The road was built in 1979 and is a relatively straight shot south towards Lake Michigan, crossing several ridges and swales along the way.

### **Survey Needs:**

None Needed

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

No permanent recreational facilities are located within the compartment. There is evidence of hunting/fishing camps at the old Rock River crossing. Abundant opportunities exist for hunting, trapping and fishing numerous wildlife/fish species. Blueberry, cranberry and mushroom picking is available for those willing to go out of the way. Big Knob campground is located to the southwest of the compartment via Big Knob road. Adjacent to the campground and this compartment are several nature trails.

### **Fire Protection:**

The potential for wildfires exists throughout the upland ridge areas. These areas are mixed stands by nature, but contain moderate to high components of conifer species. Lightning strikes would be the primary source of ignition. Other possibilities include human activities (adjacent homes, camps, and dispersed camping), motorist activities (along US-2, Carnegie Trail, and Rock River Road), and downed power lines. Where fires may occur in the lowlands, mop up may become extensive. Access to fires may be problematic.

### **Additional Compartment Information:**

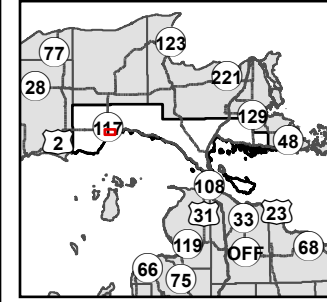
The following reports from the Inventory are attached:

- 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**

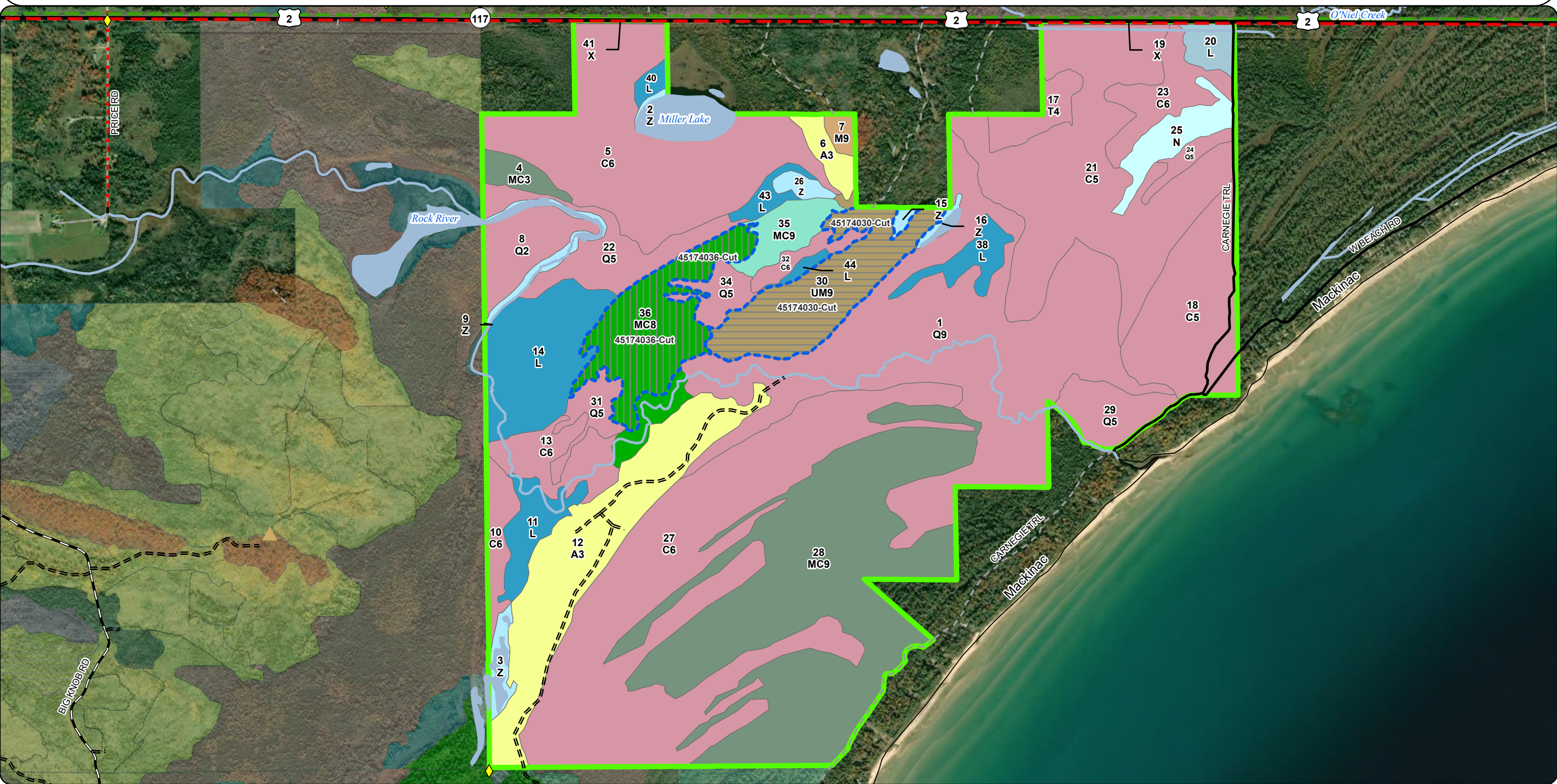
**Cover Type & Treatments Map**



Compartment: 45174  
 T43N, R10W, Sec: 27, 28, 33, 34  
 County: Mackinac  
 Unit: Sault Ste. Marie  
 Mgmt. Area: St. Ignace Lake Plain  
 YOE: 2027  
 Acres: 1,810 GIS Calculated  
 Examiner: Cody Flatt  
 Date Exported: 2/4/2026  
 Map Phase: Post Review

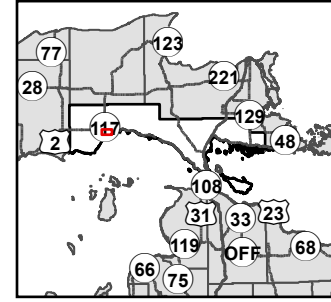
- ◆ Survey Grade Corners
- ▲ Berm
- DNR - Primary Forest Road
- DNR - Forest Access Route
- Federal / State Highway
- Federal / State / County - Paved Road
- County - Gravel Road
- Private - Dirt / Gravel Road
- Streams
- Lakes and Rivers
- Compartment Boundary
- Clearcut
- Shelterwood
- Treatments with Site Conditions

- 411 - Northern Hardwood
- 413 - Aspen
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 500 - Water
- 612 - Lowland Coniferous Forest
- 122 - Road/Parking Lot
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- 629 - Mixed non-forested Wetland

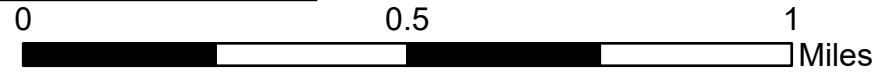




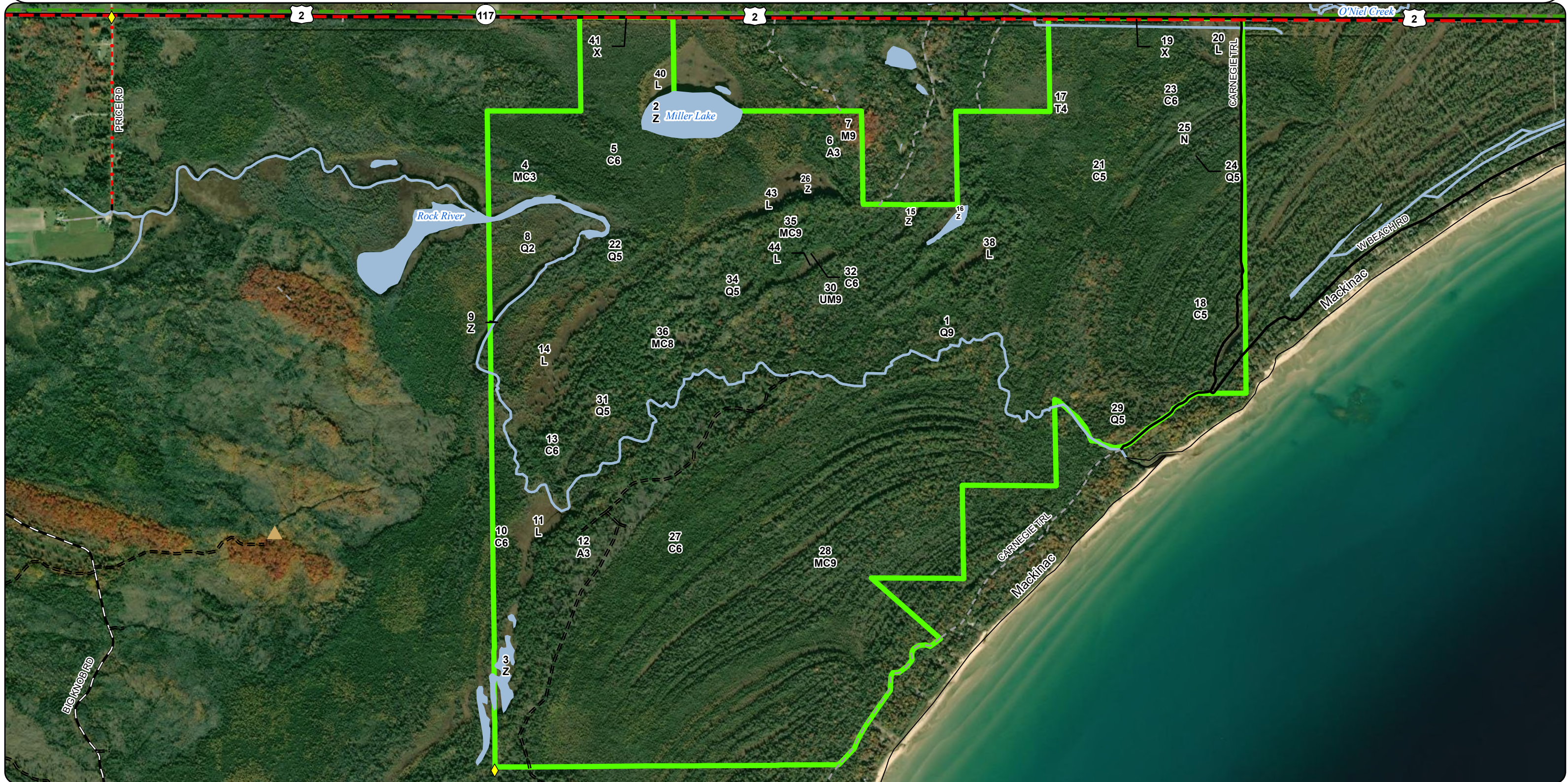
**Special Conservation Areas  
& Site Conditions Map**



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- Streams
- Lakes and Rivers
- Compartment Boundary
- Stand Boundaries
- Ecological Reference Areas
- Cold Water Streams
- High Priority Trout Stream Buffer
- Deer Winter Range



# Report 1 – Total Acres by Cover Type and Age Class

Sault Ste. Marie Mgt. Unit

Compartment 174 Year of Entry 2027

Cody Flatt: Examiner

## 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+	Unseen-Aged	Total
Aspen	0	0	10	99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	109
Cedar	0	0	0	0	0	0	0	0	0	0	73	191	157	44	0	0	240	0	705
Lowland Conifers	0	0	0	0	0	0	0	51	36	0	20	0	0	0	0	0	0	263	369
Lowland Shrub	118	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	118
Marsh	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20
Natural Mixed Pines	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	73	73
Northern Hardwood	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	5
Tamarack	0	0	0	0	0	0	15	0	0	0	0	0	0	0	0	0	0	0	15
Upland Conifers	0	0	0	0	0	10	0	0	0	0	18	0	0	0	0	0	0	257	285
Upland Mixed Forest	0	0	0	0	0	0	0	0	0	0	0	0	65	0	0	0	0	0	65
Urban	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Water	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40
<b>Total</b>	<b>182</b>	<b>0</b>	<b>10</b>	<b>99</b>	<b>0</b>	<b>10</b>	<b>15</b>	<b>51</b>	<b>41</b>	<b>0</b>	<b>111</b>	<b>191</b>	<b>222</b>	<b>44</b>	<b>0</b>	<b>0</b>	<b>240</b>	<b>593</b>	<b>1808</b>

## Report 2 – Treatment Summary

Sault Ste. Marie Mgt. Unit  
Year of Entry: 2027

Acres of Harvest

Compartment 174  
Total Compartment Acres: 1,810

Commercial Harvest -  
Harvests with Site Condition - 372  
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
Natural Mixed Pines	0	0	0	0	61	0	0	0	0	61
Upland Mixed Forest	64	0	0	0	0	0	0	0	0	64
<b>Total</b>	<b>64</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>61</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>126</b>

### Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	126	0	0	0	0	0	0	0	0	126
Next Step	0	61	0	0	61	0	126	0	0	248
<b>Total</b>	<b>126</b>	<b>61</b>	<b>0</b>	<b>0</b>	<b>61</b>	<b>0</b>	<b>126</b>	<b>0</b>	<b>0</b>	<b>374</b>

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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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**Approved Treatments:**

<b>30 45174030-Cut</b>	64.3	4319 - Mixed Upland Forest	9	118	51-80	Harvest	Clearcut	4319 - Mixed Upland Forest	Planting Record	No
<p><u>Prescription</u> Cut all deciduous trees that are two (2) inches or more at DBH and all conifer that are four (4) inches or more at DBH, except do not cut any cedar and hemlock. Leave 1-2 pine per acre (mixed red and white pine) where possible, focus on retaining larger d</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 Regen:</u> Maple, birch, cherry, aspen, spruce, fir, pine</p> <p><u>Other Comment:</u> Access is limited, either through private or with bridge across rock river. Harvest may be restricted to Dec 1- March 31 due to deer wintering complex. (Access may not allow)</p> <p><u>Site Condition:</u> Unknown Access</p> <p><u>Proposed Start Date:</u> 10/01/2026</p>										
<b>36 45174036-Cut</b>	61.3	42290 - Natural Mixed Pine	8	105	81-110	Harvest	Shelterwood	42290 - Natural Mixed Pine	Current	No
<p><u>Prescription</u> Extended irregular shelterwood to 20-60 BA average 40BA. Cut larger diameter trees and leave smaller diameter crop trees. Basal area should be patchy with diversity in form and species.**Follow most current natural pine guidance.**</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Intermediate); Burn, Understory; SitePrep, Scarification</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> pine, spruce, fir, aspen, maple, birch, cherry</p> <p><u>Other Comment:</u> Buffer rock river and leave as long term retention</p> <p><u>Site Condition:</u> Unknown Access</p> <p><u>Proposed Start Date:</u> 10/01/2026</p>										

**Total Treatment Acreage Proposed: 125.6**

## Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Cody Flatt: Examiner

Compartment: 174

Year of Entry: 2027

### Availability for Management

Total Acres	Acres Available	Acres Available With Condition	Acres Not Available	Dominant Site Conditions							
Acres	Available	With Condition	Not Available	2B	2F	2G	2H	3A	3H	3J	
109	109	0	0	Aspen							
705	0	0	705	Cedar				240	465		
370	0	0	370	Lowland Conifers			62	27	88	193	
118	118	0	0	Lowland Shrub							
20	20	0	0	Marsh							
73	0	61	11	Natural Mixed Pines	61					11	
5	5	0	0	Northern Hardwood							
15	15	0	0	Tamarack							
285	10	0	275	Upland Conifers		18		257			
64	0	64	0	Upland Mixed Forest	64						
4	4	0	0	Urban							
40	40	0	0	Water							
1,809	322	126	1,362	Total Forested Acres	126	18	62	27	586	658	11
	18%	7%	75%	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	9	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
2	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	456	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Compartment: 174

Cody Flatt: Examiner

Year of Entry: 2027

3	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	44	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
4	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	36	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	13	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	27	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Unavailable	3A: Conservation values incompatible with harvest at this time	586	Unspecified	Unspecified	Unspecified	Unspecified
Comments: WDS ERA							

## Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Cody Flatt: Examiner

Compartment: 174

Year of Entry: 2027

8	<b>Unavailable</b>	<b>3H: Deer Wintering Area - habitat is incompatible with harvest at this time</b>	148	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
9	<b>Unavailable</b>	<b>5E: Long-Term Retention</b>	1	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
10	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	13	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
11	<b>Available</b>	<b>2B: Unknown if access through adjacent landowner(s) is possible</b>	126	2D: Portable bridge needed (Dept. bridge will be adequate)	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
12	<b>Unavailable</b>	<b>2F: Too steep</b>	18	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
13	<b>Unavailable</b>	<b>3J: Water quality/BMPs (stream, river, or lake)</b>	11	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

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.

<b>SCA Name</b>	<b>SCA Category</b>	<b>Detail Type</b>	<b>Recommendation</b>	<b>Acres</b>
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**Comments**

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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																									
<b>1</b>	6128 - Lowland Coniferous, Mixed Deciduous	Sawtimber Well	250.4	101	81-110	N/A	Infinitely variable stand. Predominantly low ground with white pine on the island areas of upland scattered throughout. Smaller diameter spruce and tamarack in wettest areas.																																																									
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<b>2</b>	500 - Water	None	11.6			No																																																										
<b>3</b>	500 - Water	None	8.8			No																																																										
<b>4</b>	42380 - Non Pine Upland Conifer, Mixed Deciduous	Sapling Well	10.1	41	1-50	N/A	Stand was cut in 1985. Regeneration is mix of aspen with spruce and balsam. Poor site and trees are small diameter. Some pretty wet ground in some areas. Data taken from when stand was visited in 2022.																																																									
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<b>5</b>	6120 - Lowland Cedar	Poletimber Well	148.2	118	Unspecified	N/A	Wet cedar. Some mortality in cedar where wettest.																																																									
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<b>6</b>	4130 - Aspen	Sapling Well	10.1	16	Immature	N/A	Stand was cut in 2011. Good looking aspen regeneration.																																																									
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																										
7	4112 - Maple, Beech, Cherry Association	Sawtimber Well	4.8	76	81-110	N/A	Thinned in 2011. Decent looking poles. Heavy deer browse. Not much for regeneration.																																										
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8	6129 - Mixed Coniferous Lowland Forest	Sapling Medium	27.1	68	Unspecified	N/A	Data taken from previous inventory. No access.																																										
9	500 - Water	None	10.3			No																																											
10	6120 - Lowland Cedar	Poletimber Well	15.8	129	141-170	N/A	Small part of larger stand in adjacent compartment. Very wet in some places with sparse basal area. Mix of cedar, balsam, spruce, birch and some hardwoods. Not very merchantable.																																										
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11	629 - Mixed non-forested Wetland	None	19.5			No	Rock River flows through stand																																										
12	4133 - Aspen, Mixed Pine	Sapling Well	98.8	26	51-80	N/A	Stand was cut in 2003. Cut all species except WP and RP. Aspen, birch, maple mix regenerating nicely.																																										
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13	6120 - Lowland Cedar	Poletimber Well	28.5	120	Unspecified	N/A	Stand contains rock river																																										
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14	629 - Mixed non-forested Wetland	None	60.8			No																																											
15	500 - Water	None	1.9			No																																											
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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<b>17</b>	6121 - Tamarack	Poletimber Poor	15.0	56	1-50	N/A	Extremely wet lowland with sparse tamarack growing.
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Black Spruce		10	Sapling	4		Tag Alder	
Northern White Cedar		35	Sapling	4		Density	Avg. Height
Tamarack		55	Pole/Sapling	5	56	Low	Variable
							Size
							Variable

<b>18</b>	6120 - Lowland Cedar	Poletimber Medium	73.0	99	Unspecified	N/A	Very wet cedar and mix in lower wetlands in dune and swale area. Cedar and other species on small ridge portions.
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Paper Birch		5	Pole	6		Tag Alder	
Black Spruce		10	Pole	8		Density	Avg. Height
Northern White Cedar		60	Pole	8	99	Low	Variable
Tamarack		15	Pole	7			Size
White Pine		10	Log/XLog	13			Variable

<b>19</b>	122 - Road/Parking Lot	None	2.9			No	US2 and R.O.W
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<b>20</b>	622 - Lowland Shrub	None	10.3			No	
<b>Sub-Canopy Species</b>		<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>			
Tag Alder		Medium	Variable	Variable			
Northern White Cedar		Low	Variable	Variable			

<b>21</b>	6120 - Lowland Cedar	Poletimber Medium	163.5	101	Unspecified	N/A	Wetland cedar. Variable throughout. Not much size.
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Black Spruce		15	Pole/Sapling	6		Tag Alder	
Northern White Cedar		65	Pole/Sapling	7	101	Density	Avg. Height
Tamarack		20	Pole	7		Low	5 - 10 feet
							Size
							5 - 10 feet

<b>22</b>	6129 - Mixed Coniferous Lowland Forest	Poletimber Medium	35.9	71	Unspecified	N/A	
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Paper Birch		15	Pole	6		Tag Alder	
Black Spruce		40	Pole/Sapling	7	71	Density	Avg. Height
Northern White Cedar		35	Pole	8		Low	Variable
White Pine		10	Log/Pole	11			Size
							Variable

<b>23</b>	6120 - Lowland Cedar	Poletimber Well	27.4	101	Unspecified	N/A	Lowland cedar mix, sparse in places. Very wet ground.
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Paper Birch		10	Pole	8		Tamarack	
Black Spruce		25	Pole	7		Density	Avg. Height
Northern White Cedar		55	Pole	7	101	Medium	Variable
Tamarack		5	Pole	7			Size
White Pine		5	Log	12			Variable

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24	6129 - Mixed Coniferous Lowland Forest	Poletimber Medium	7.1	91	Unspecified	N/A	Lowland conifer mix with some large white pine on upland knobs. Tag alder in open wet areas.																																																									
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25	623 - Emergent Wetland	None	20.2			No	Very low wet swales with some ridge rows of poor swamp conifer stems																																																									
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26	500 - Water	None	4.8			No																																																										
27	6120 - Lowland Cedar	Poletimber Well	240.0	156	Unspecified	N/A	Dense cedar stand in low wet ground just above ridge and swale complex. Tag alder in open wet areas. Some scattered spruce and balsam where there are small ridges.																																																									
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28	42390 - Mixed Non-Pine Upland Conifers	Sawtimber Well	257.2	109	111-140	N/A	Widely variable stand of sharp ridges and very wet lowland with tag alder. This is ridge and swale type stand.																																																									
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<b>29</b>	6129 - Mixed Coniferous Lowland Forest	Poletimber Medium	23.4	69	Unspecified	N/A	Wet stand with some small upland islands where the trees grow. Tag alder and water in remainder.																																																									
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<b>30</b>	4319 - Mixed Upland Forest	Sawtimber Well	65.4	118	51-80	N/A	Variable upland mix stand with low areas, areas of log sized maple, birch, aspen, pine with areas of pole sized spruce/fir and low areas with cedar.																																																									
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<b>31</b>	6129 - Mixed Coniferous Lowland Forest	Poletimber Medium	13.1	96	Unspecified	N/A	Wetland with some conifer.																																																									
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<b>32</b>	6120 - Lowland Cedar	Poletimber Well	8.9	111	Unspecified	N/A	Lowland cedar between ridges.																																																									
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<b>34</b>	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Medium	13.2	99	Unspecified	N/A	Very wet stand																																																									
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<b>35</b>	429 - Mixed Upland Conifers	Sawtimber Well	17.9	96	81-110	N/A	Stand is a very steep ridge between wetlands. There is virtually no access from adjacent stand as there is a sharp ravine and wetland blocking. Very unique landform for our area.	
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>		
Red Maple		10	Pole/Log	9		Conifers		
Paper Birch		15	Pole	7		Low		
Balsam Fir		15	Pole	6		Variable		
White Pine		20	Log	12		Variable		
Red Pine		20	Log	12	96			
Hemlock		20	Log/Pole	12				
<b>36</b>	42290 - Natural Mixed Pine	Sawtimber Medium	72.7	105	81-110	N/A	Openland stand of mixed pine toward interior, denser canopy near edges. More red pine on north ridge. Stand is on hilly ground and north of Rock River Road. Rock river runs through south end of stand.	
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>			
Red Maple		5	Pole	8				
Paper Birch		10	Pole	8				
Bigtooth Aspen		5	Pole	8				
White Spruce		10	Pole	8				
White Pine		40	Log/XLog	14	105			
Red Pine		30	Log/XLog	14				
<b>38</b>	629 - Mixed non-forested Wetland	None	13.6			No		
<b>Sub-Canopy Species</b>		<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>				
White Pine		Low	Variable	Variable				
Northern White Cedar		Low	Variable	Variable				
<b>40</b>	629 - Mixed non-forested Wetland	None	4.0			No		
<b>41</b>	122 - Road/Parking Lot	None	1.4			No	US2 and R.O.W	
<b>43</b>	629 - Mixed non-forested Wetland	None	6.9			No		
<b>44</b>	629 - Mixed non-forested Wetland	None	2.8			No		
<b>Sub-Canopy Species</b>		<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>				
Tag Alder		Medium	5 - 10 feet	5 - 10 feet				