



# Compartment Review Presentation

Sault Ste. Marie Forest Management Unit

Compartment 45123

Entry Year 2026

Acreage: 1,730

County Mackinac

Management Area: St. Ignace Lake Plain

**Stand Examiner:** Nate Plato

## Legal Description:

T43N-R07W, Sections 13, 14 & 15

## Identified Planning Goals:

This compartment is located 4.5 miles north of Epoufette, and 3 miles south of Caffey Corners. While the majority of the compartment is considered lowland, needing little or no management at this point; the upland areas consist of northern hardwoods, with smaller areas of pine and aspen. Management for the area is to select cut the northern hardwood stands to maintain health, growth, and productivity of these stands. Hemlock and yellow birch are to be enhanced where present. Beech Bark Disease has passed through this area and is still present in the hardwood stands. However, most of the beech has already been lost. Any healthy or potentially BBD resistant Beech will be retained. The red pine stands will be monitored for pests and thinned in those that require it. Most aspen stands have received treatment within the past 20 years.

## Soil and topography:

The area varies from low wet swamp types to level/rolling uplands. The swamp types are on Markey and Carbondale mucks, with inclusions of Leafriver mucky peat, and higher islands of Spot-Finch complex. Uplands, characterized by level and undulating areas on outwash plains, lake plains and/or ground moraines, consist of Wallace sand, Paquin sand, Kalkaska sand and Paquin-Finch sands.

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

The compartment has five 40's of private land. Two of these contain small parcels comprising Sand Lake Hamlet. The other three are privately owned, primarily for hunting. The adjacent lands are state owned, with another small burg located to the northwest (DeRushaville).

## Unique Natural Features:

Peggley Lake lies in the southwest corner of the compartment. Various species of hawks have been known to inhabit the area. There is potential for various threatened and endangered plant and animal species within the compartment.

## Archeological, Historical, and Cultural Features:

No Archeological, Historical, or Cultural Features known.

## Special Management Designations or Considerations:

Preserve appropriate buffers around Peggley Lake. Leave appropriate buffers around active hawk nest where found.

## Watershed and Fisheries Considerations:

This compartment contains Peggley Lake, Paquin Creek, and the Little Brevoort River. Paquin Creek is a designated Type 1 trout stream less than 50-ft wide and has a predicted mean July temperature of 63.5 °F (cold stream). A 300-foot buffers is recommended for Paquin Creek 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 Paquin Creek in accordance with Best Management Practices.

The Little Brevoort River is a non-designated stream less than 50-ft wide and has a predicted mean July temperature of 62.1 °F (cold stream). A minimum 100-foot, plus 5 feet per 1% increase in slope, buffer is recommended to protect the Little Brevoort River in accordance with Best Management Practices.

Peggley Lake is a 25-acre natural lake. A minimum 100-foot, plus 5 feet per 1% increase in slope, buffer is recommended to protect Peggley Lake shoreland areas in accordance with Best Management Practices.

## Wildlife Habitat Considerations:

This compartment lies within the St. Ignace Lake Plain Management Area. It contains a mixture of white cedar and northern hardwood. Hemlock is a component in many northern hardwood and upland mixed stands, mostly near stand edges although it is scattered interior in some stands. A smaller area of red pine was planted in the northwest portion of this compartment. Wildlife habitat objectives in this compartment include promoting age class and structural diversity in northern hardwood stands as well as promoting mast producing species and maintaining lowland conifer cover. Hemlock

will be left in many places, and some larger mature trees will be left particularly in hardwood stands. Harvests in deer wintering complex will take place during the winter to provide a source of browse for wintering deer. Most of the lowland conifer habitat, particularly cedar, will be left to provide cover and habitat for various species. This management is expected to benefit white-tailed deer, black bear, American marten, black-throated blue warbler, and blackburnian warbler among others.

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

Section 13-15 & 23, T43N-R7W, Mackinac County

No known potential exists for economic production of oil & gas or metallic minerals in this part of the state. The nearest active sand/gravel operation is roughly two miles northwest. There may be some potential for sand within the compartment on the uplands in Sec 15. Much of the compartment, however, is covered by wetlands, which could inhibit surface mining. There is history of quarrying high-purity limestone and dolomite in the area, and the State conveyed property a couple miles northwest to Graymont nearly ten years ago for limestone mining. While there is potential for additional high-purity limestone within the compartment, the same formation that Graymont is targeting is not present here, and bedrock is likely deeper. It is unlikely that a new quarry would be developed within the compartment.

### **Vehicle Access:**

Access is good to the majority of the upland areas. Hiawatha Trail, a paved county road, lies on the west side of the compartment. Sand Lake Road, a gravel county road through the private parcels, becomes a DNR road as it hits state lands. Upgrading of this road has been done through road and bridge funds within the past 5 years. Bennett Road, a DNR gravel/dirt road, has also been upgraded somewhat within the past several years. Bridge redecking is still planned for the 2nd bridge. The two-track woods road through section 13 will be upgraded as part of the timber sale in the area. Culverts and fords will be put in according to DEQ permit guidelines.

### **Survey Needs:**

Blue property line work will be required this entry. Certain areas made need survey work.

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

No formal recreational facilities exist within this compartment. However, the area is used for hunting deer, bear and small game, trapping, snowmobiling, and ORVing. Peggley Lake has no formal access site.

### **Fire Protection:**

There is little worry of a wildfire in the area due to the vast swamps. However, the proximity of homes and cabins along Hiawatha Trail may increase this risk.

### **Additional Compartment Information:**

#### **The following reports from the Inventory are attached:**

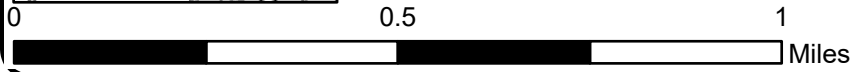
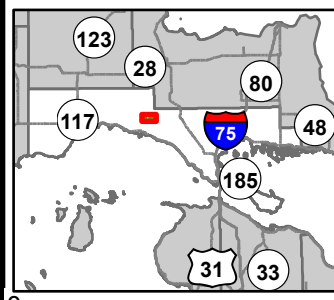
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

#### **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**

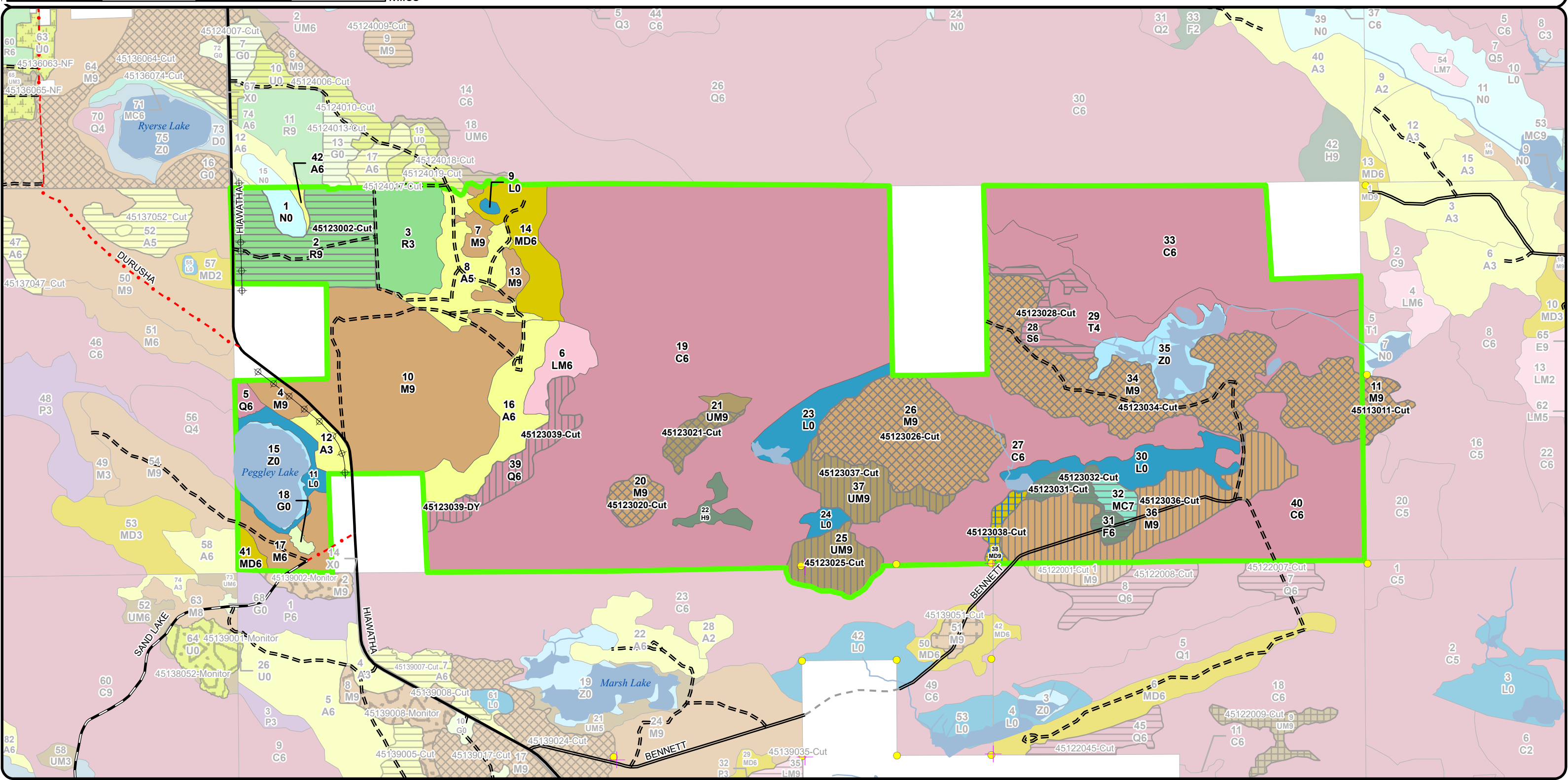
# Cover Type & Treatments Map

Compartment: 45123  
 T43N, R07W, Sec. 13-15  
 County: Mackinac  
 Unit: Sault Ste. Marie  
 Mgmt Area: St. Ignace Lake Plain  
 YOE: 2026  
 Acres: 1729.9 GIS Calculated  
 Examiner: Nate Plato  
 Map Revised: 07/22/2024  
 Map Phase: Web Post



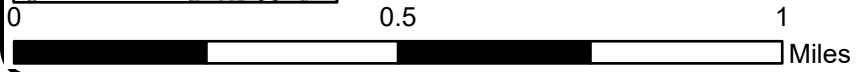
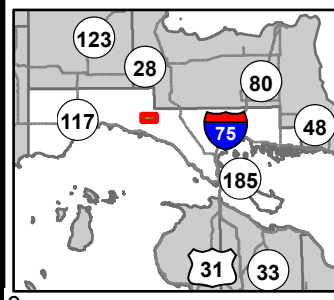
- Survey Grade Corners
- + Remonumented Section Corners
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Powerline
- Compartment Boundary
- Selection (Group, Single Tree)
- Clearcut (w/Reserves)
- Seed Tree (w/Reserves)
- Shelter Wood (w/Reserves)

- Selection (Group, Single Tree)
- 411 - Northern Hardwood
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 310 - Herbaceous Openland
- 500 - Water
- 623 - Emergent Wetland
- 629 - Mixed Non-forested Wetland
- 411 - Northern Hardwood



# Stand Boundary Map

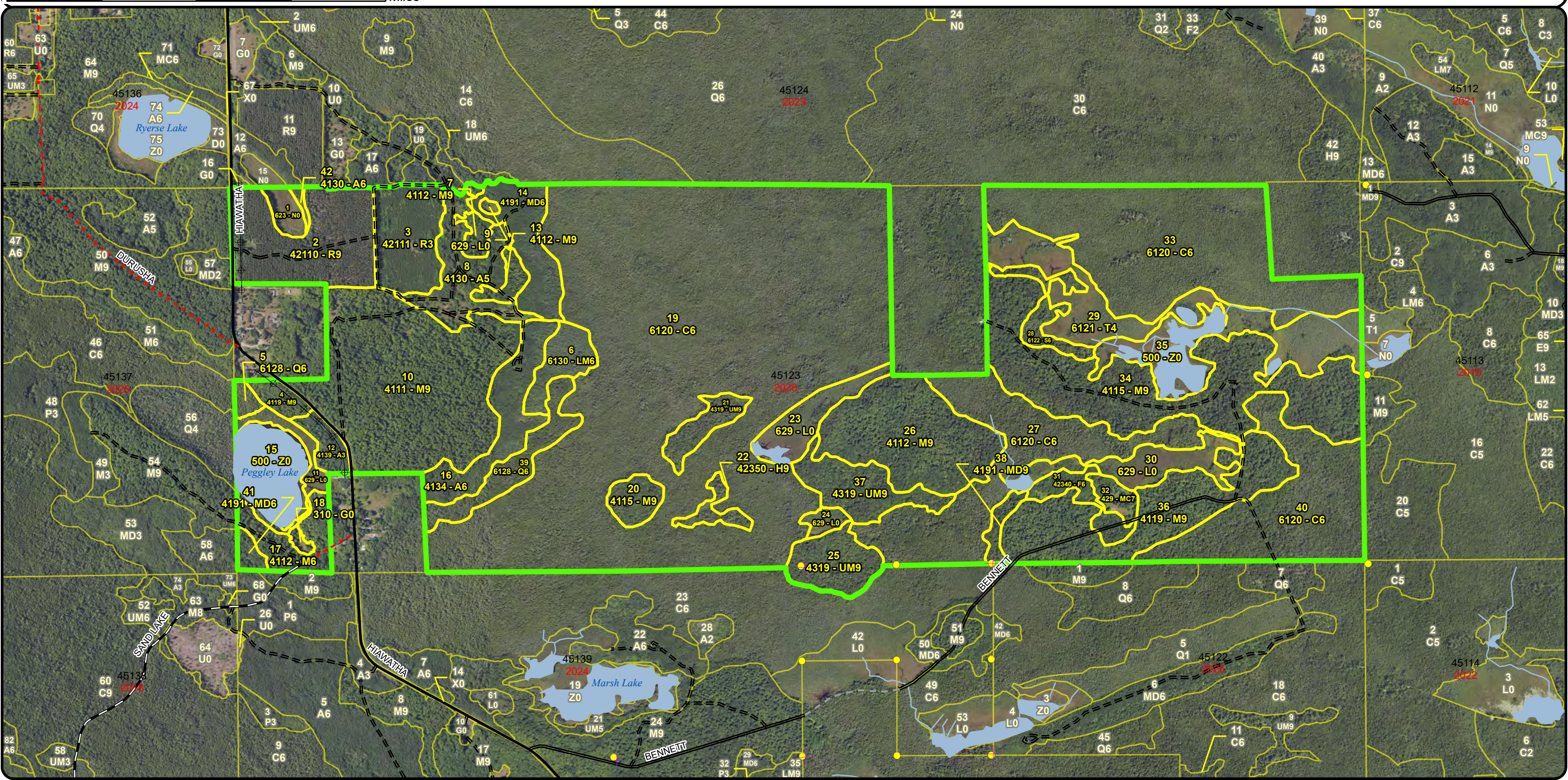
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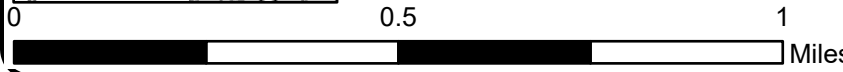
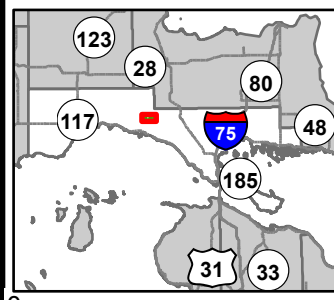
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**Special Conservation Areas & Site Conditions Map**

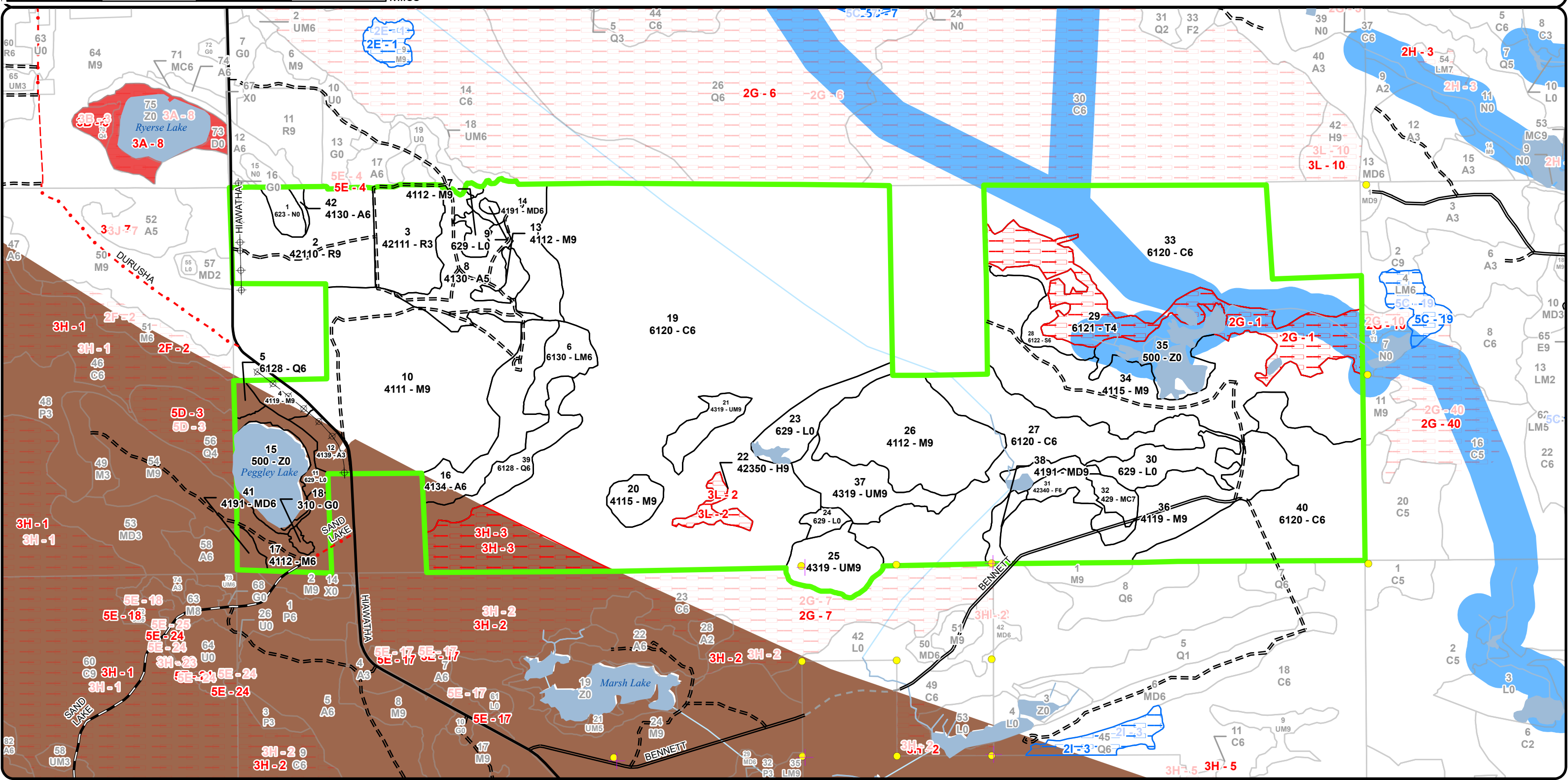
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- - - Private - Dirt / Gravel Road
- Lake/Pond
- Perennial River
- Lakes and Rivers
- ⊕ Powerline
- ▭ Compartment Boundary
- ▭ Available w/ Constraints
- ▭ Unavailable

- 2G: Too wet (sensitive soils, does not include access issues)
- 3L: Other wildlife concerns
- ▭ 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



Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Uneven-Aged	Total
Aspen	0	0	8	32	32	1	0	0	0	0	0	0	0	0	0	0	0	0	73
Cedar	0	0	0	0	0	0	0	0	0	0	0	87	216	499	0	0	0	0	802
Hemlock	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	6
Herbaceous Openland	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Lowland Conifers	0	0	0	0	0	0	0	0	3	0	21	0	0	0	0	0	0	0	24
Lowland Mixed Forest	0	0	0	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	14
Lowland Shrub	59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	59
Lowland Spruce/Fir	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	12
Marsh	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Mixed Upland Deciduous	0	0	0	0	27	0	4	0	5	0	0	0	0	0	0	0	0	0	35
Northern Hardwood	0	0	0	0	0	0	0	0	25	215	179	0	0	0	0	0	0	0	419
Red Pine	0	0	31	0	0	0	0	0	55	0	0	0	0	0	0	0	0	0	86
Tamarack	0	0	0	0	0	0	0	0	0	65	0	0	0	0	0	0	0	0	65
Upland Conifers	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	6
Upland Mixed Forest	0	0	0	0	0	0	0	0	57	0	0	0	0	0	0	0	0	0	57
Upland Spruce/Fir	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	12
Water	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	51
<b>Total</b>	<b>118</b>	<b>0</b>	<b>39</b>	<b>32</b>	<b>73</b>	<b>1</b>	<b>16</b>	<b>18</b>	<b>145</b>	<b>280</b>	<b>200</b>	<b>87</b>	<b>216</b>	<b>499</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>1729</b>



## Report 2 – Treatment Summary

Sault Ste. Marie Mgt. Unit  
Year of Entry: 2026

Acres of Harvest

Compartment 123  
Total Compartment Acres: 1,730

Commercial Harvest - 419  
Harvests with Site Condition - 0  
Next Step Harvest - 66  
Habitat Cut - 66

### Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overstory Removal	Salvage	Other	Total Acres
Lowland Conifers	0	0	0	0	21	0	0	0	0	21
Lowland Spruce/Fir	12	0	0	0	0	0	0	0	0	12
Mixed Upland Deciduous	0	0	0	5	0	0	0	0	0	5
Northern Hardwood	0	188	0	0	66	0	0	0	0	254
Red Pine	55	0	0	0	0	0	0	0	0	55
Upland Conifers	6	0	0	0	0	0	0	0	0	6
Upland Mixed Forest	0	8	0	0	46	0	0	0	0	54
Upland Spruce/Fir	12	0	0	0	0	0	0	0	0	12
<b>Total</b>	<b>85</b>	<b>197</b>	<b>0</b>	<b>5</b>	<b>132</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>419</b>

### Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	419	0	0	0	0	0	0	0	0	419
Next Step	66	109	55	0	55	218	474	55	0	1031
<b>Total</b>	<b>485</b>	<b>109</b>	<b>55</b>	<b>0</b>	<b>55</b>	<b>218</b>	<b>474</b>	<b>55</b>	<b>0</b>	<b>1450</b>



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:**

11	45113011-Cut	9.3	4112 - Maple, Beech, Cherry Association	Sawtimber Well	125	81-110	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	No
<p><u>Prescription</u> Thin stand to 60-70 BA focusing on larger diameter, overmature stems. Promote sugar maple where more prevalent. Release existing advanced regen in existing gaps. Leave a component of yellow birch and cherry. Hemlock may only be removed for operational purposes. Leave 3-5 maple over 26" DBH where available. Harvest all merchantable aspen and fir. Leave tops 4-6 ft tall to discourage deer browse.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Intermediate)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Maple and birch species, cherry, aspen.</p> <p><u>Regen:</u></p> <p><u>Other</u> OYOEO to treat with 45123034.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>											
2	45123002-Cut	54.6	42110 - Planted Red Pine	Sawtimber Well	73	111-140	Harvest	Clearcut	4211 - Planted Red Pine	Even-Aged	No
<p><u>Prescription</u> Harvest all trees over 1" DBH. No retention to facilitate planting operation.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Burn, Slash; SitePrep, Roller Chopping; SitePrep, Trenching; Pesticide, Skidder - Site Prep; Pesticide, Skidder - Release; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr); Pesticide, Aerial - S</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Planted red pine.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>											
20	45123020-Cut	9.5	4115 - Y.Birch, Hemlock NH	Sawtimber Well	85	111-140	Harvest	Group Selection	4115 - Y.Birch, Hemlock NH	Two-Aged	No
<p><u>Prescription</u> Mark groups of 4-6 mature, healthy hemlock for retention spaced no less than 150ft apart. Leave all large yellow birch and white pine.</p> <p><u>Specs:</u> Harvest all other deciduous trees over 2" DBH and all other conifers over 4"DBH. Treatment size may vary.</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Maple, birch, cherry, aspen, hemlock, cedar, spruce, fir, pine.</p> <p><u>Regen:</u></p> <p><u>Other</u> Treatment contingent on access, however, old ice ice roads are present.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>											





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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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<b>21</b>	<b>45123021-Cut</b>	8.3	4319 - Mixed Upland Forest	Sawtimber Well	77	111-140	Harvest	Group Selection	4115 - Y.Birch, Hemlock NH	Two-Aged	No
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Prescription Mark groups of 4-6 mature, healthy hemlock for retention spaced no less than 150ft apart. Leave all large yellow birch and white pine.  
Specs: Harvest all other deciduous trees over 2" DBH and all other conifers over 4"DBH. Run sale boundary line inside of hemlock edge. Operation hemlock may be harvested. Treatment size may vary.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Maple, birch, cherry, aspen, hemlock, cedar, spruce, fir, pine.

Regen:

Other Treatment contingent on access, however, old ice roads are present.

Comment:

Site Condition

Proposed Start Date: 10/1 /2025

<b>25</b>	<b>45123025-Cut</b>	20.8	4319 - Mixed Upland Forest	Sawtimber Well	76	111-140	Harvest	Shelterwood	4113 - R.Maple, Conifer	Two-Aged	No
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Prescription Shelter wood harvest leaving a residual BA of 30-50. In areas more prevalent of cedar and hemlock, leave BA on higher side of range. In areas absent of cedar or hemlock, leave BA on lower side of range. Besides hemlock and cedar, preferred residual species are yellow birch, white pine and quality red maple crop trees. Do not cut any hemlock or white pine over 18"DBH. Exclude any overly wet areas. Treatment size may vary.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Maple, birch, cherry, aspen, hemlock, cedar, tamarack, pine, spruce, fir.

Regen:

Other There is a small stream crossing on the north part of this stand to access the remainder of stand.

Comment:

Site Condition

Proposed Start Date: 10/1 /2025

<b>26</b>	<b>45123026-Cut</b>	64.3	4112 - Maple, Beech, Cherry Association	Sawtimber Well	90	81-110	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	No
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Prescription Thin stand to 60-70 BA focusing on larger diameter, overmature stems. Promote sugar maple where more prevalent. Release existing advanced regen in existing gaps. Leave a component of yellow birch and cherry. Hemlock may only be removed for operational purposes. Leave 3-5 maple over 26" DBH where available. Harvest all merchantable aspen and fir. Leave tops 4-6 ft tall to discourage deer browse.

Next Step Monitoring, Natural Regen (Intermediate)

Treatments:

Acceptable Maple species, birch species, aspen, cherry.

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2025



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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28	45123028-Cut	12.4	6122 - Black Spruce	Poletimber Well	65	81-110	Harvest	Clearcut with Retention	6122 - Black Spruce	Even-Aged	No
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Prescription Harvest all species over 4" DBH. Retain 3-10% of stand using retention patch(es). Also, leave all white pine over 18"DBH. Exclude any overly wet areas. Treatment size may vary.  
Specs:

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

Acceptable Black spruce, tamarack, fir, cedar, pine, maple, birch.  
Regen:

Other  
Comment:

Site Condition

Proposed Start Date: 10/1 /2025

31	45123031-Cut	11.6	42340 - Upland Spruce/Fir	Poletimber Well	53	81-110	Harvest	Clearcut with Retention	4319 - Mixed Upland Forest	Even-Aged	No
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Prescription Harvest all deciduous trees over 2" DBH and conifers over 4"DBH. Retain areas of immature aspen or hardwood. Leave 2-3 large diameter white pine if present. Treatment size may vary.  
Specs:

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

Acceptable Aspen, maple, birch, fir, spruce, pine, cherry.  
Regen:

Other  
Comment:

Site Condition

Proposed Start Date: 10/1 /2025

32	45123032-Cut	6.4	429 - Mixed Upland Conifers	Sawtimber Poor	60	1-50	Harvest	Clearcut	429 - Mixed Upland Conifers	Even-Aged	No
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Prescription Harvest all trees over 2"DBH. Retain 1-2 large diameter, healthy white pine. No retention due to small acreage.  
Specs:

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

Acceptable Pine, spruce, fir, maple, cherry, birch.  
Regen:

Other  
Comment:

Site Condition

Proposed Start Date: 10/1 /2025

34	45123034-Cut	114.4	4115 - Y.Birch, Hemlock NH	Sawtimber Well	90	81-110	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	No
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Prescription Thin stand to 60-70 BA focusing on larger diameter, overmature stems. Promote sugar maple where more prevalent. Release existing advanced regen in existing gaps. Leave a component of yellow birch and cherry. Hemlock may only be removed for operational purposes. Leave 3-5 maple over 26" DBH where available. Harvest all merchantable aspen and fir. Leave tops 4-6 ft tall to discourage deer browse.  
Specs:

Next Step Monitoring, Natural Regen (Intermediate)  
Treatments:

Acceptable Maple and birch species, cherry, aspen.  
Regen:

Other  
Comment:

Site Condition

Proposed Start Date: 10/1 /2025



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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<b>36</b>	<b>45123036-Cut</b>	65.6	4119 - Mixed Northern Hardwoods	Sawtimber Well	83	51-80	Harvest	Shelterwood	411 - Northern Hardwood	Two-Aged	No
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Prescription Thin stand to 40-60 BA focusing on larger diameter, overmature stems. Promote sugar maple where more prevalent. Release existing advanced regen in existing gaps. Leave a component of yellow birch and cherry. Hemlock may only be removed for operational purposes. Leave 3-5 maple over 26" DBH where available. Harvest all merchantable aspen and fir. Leave tops 4-6 ft tall to discourage deer browse. When adequate regen is established, take top off of stand.

Next Step Monitoring, Natural Regen (Intermediate); Harvest, Overstory Removal

Treatments:

Acceptable Maple and birch species, cherry, aspen.

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2025

<b>37</b>	<b>45123037-Cut</b>	25.0	4319 - Mixed Upland Forest	Sawtimber Well	78	81-110	Harvest	Shelterwood with Retention	4319 - Mixed Upland Forest	Two-Aged	No
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Prescription Harvest all deciduous trees over 2"DBH and all conifers over 4"DBH. Leave all cedar and hemlock except for operational purposes. In areas absent or lacking of cedar or hemlock, maintain 20-30 BA of representative species. Retain yellow birch where possible. Exclude any overly wet areas. Treatment size may vary.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Maple, birch, cherry, aspen, spruce, fir, cedar, hemlock, tamarack.

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2025

<b>38</b>	<b>45123038-Cut</b>	5.4	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	76	81-110	Harvest	Seed Tree	4113 - R.Maple, Conifer	Even-Aged	No
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Prescription Harvest all trees over 4" DBH. Hemlock may only be cut for operational purposes. Retain 1-2 yellow birch if present. Only harvest cedar over 6"DBH. Treatment size may vary.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Maple, birch, cherry, aspen, spruce, fir, cedar, pine.

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2025



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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39	45123039-Cut	15.9	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	92	111-140	Harvest	Shelterwood with Retention	6118 - Lowland Deciduous with Cedar	Two-Aged	No
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Prescription Harvest all deciduous over 2" DBH and all conifers over 4" DBH. Place retention in patch(es) of higher concentration of cedar. Avoid overly wet areas. Treatment size may vary.

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

Acceptable Regen: Birch, maple, cherry, aspen, spruce, fir, cedar, tamarack, pine.

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2025

39	45123039-DY	4.9	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	92	111-140	Harvest	Shelterwood with Retention	6118 - Lowland Deciduous with Cedar	Two-Aged	No
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Prescription Harvest all trees over 2"DBH. Leave all cedar. Avoid overly wet areas. Treatment size may vary.

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

Acceptable Regen: Birch, maple, cherry, aspen, spruce, fir, cedar, tamarack, pine.

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2025

**Total Treatment Acreage Proposed: 428.4**

## Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Nate Plato : Examiner

Compartment: 123

Year of Entry: 2026

### Availability for Management

Total Acres	Acres Available	Acres Available With Condition	Acres Not Available	Dominant Site Conditions		
Acres	Available	With Condition	Not Available	2G	3H	3L
73	73	0	0	Aspen		
801	769	0	33	Cedar	33	
6	0	0	6	Hemlock		6
2	2	0	0	Herbaceous Openland		
24	24	0	0	Lowland Conifers		
14	14	0	0	Lowland Mixed Forest		
59	59	0	0	Lowland Shrub		
12	12	0	0	Lowland Spruce/Fir		
6	6	0	0	Marsh		
36	36	0	0	Mixed Upland Deciduous		
418	418	0	0	Northern Hardwood		
86	86	0	0	Red Pine		
65	0	0	65	Tamarack	65	
6	6	0	0	Upland Conifers		
57	57	0	0	Upland Mixed Forest		
12	12	0	0	Upland Spruce/Fir		
51	51	0	0	Water		
1,730	1,626		104	Total Forested Acres	65	33
	94%		6%	Relative Percent		

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

Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	65	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

**Report 4 – Site Conditions**

**Sault Ste. Marie Mgt. Unit**

**Nate Plato : Examiner**

**Compartment: 123**

**Year of Entry: 2026**

2	<b>Unavailable</b>	<b>3L: Other wildlife concerns</b>	6	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
3	<b>Unavailable</b>	<b>3H: Deer Wintering Area - habitat is incompatible with harvest at this time</b>	33	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.

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.
SCA	Riparian Area	A transitional area between aquatic and terrestrial ecosystems in which the terrestrial ecosystem influences the aquatic ecosystem and vice-versa. Because of the unique conditions adjacent to lakes, streams and open water wetlands, riparian areas harbor a high diversity of plants and wildlife. Riparian communities are ecologically and socially significant in their effects on water quality and quantity, as well as aesthetics, habitat, bank stability, timber production, and their contribution to overall biodiversity.
ERA	Ecological Reference Areas	Ecological Reference Areas (ERAs) are high quality examples of natural communities that have been identified as Element Occurrences (EOs) by the Michigan Natural Features Inventory (MNFI) within the context of their natural community classification system. Element Occurrences with viability ranks of A (Excellent) or B (Good) and a Global (G) or State (S) element (rarity) ranking of endangered (1), threatened (2), or rare (3) serve as an initial base of ERAs. They may be located upon any ownership in the State. The system is comprised of individual or associations of natural community types that are managed for restoration and maintenance of natural ecological processes and values. The public may submit recommendations for lands as ERAs using the DNR Conservation Area Recommendation Form.





Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																											
1	623 - Emergent Wetland	Nonstocked	6.3			No	2026 YOE: Wet marsh with scattered tag alder.																																																											
2	42110 - Planted Red Pine	Sawtimber Well	54.6	73	111-140	N/A	2016 YOE: Stand thinned to 120BA in 2019 in the Diaper Dandy Sale 45-116-16  2026 YOE: Same as last entry. Stand is averaging around 120-130 BA after most recent thinning. Average diameter is 13-14" with some smaller stems present. Scattered maple, beech and present in understory.																																																											
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3	42111 - Planted Red Pine, Mixed Deciduous	Sapling Well	31.4	14	Immature	N/A	2016 YOE: Red pine regeneration looking good. Will need further release in future, pockets of aspen and cherry. 2026 YOE: Stand has numerous large pockets where pine had failed. Overall, 25-30% of the stand is non-pine. Mostly aspen and cherry have filled the gaps where pine failed. Most aspen is 2-3" in diameter and 20+ft tall. Red pine, where present, is growing well. 2-3" diameter and 10-12ft tall.																																																											
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4	4119 - Mixed Northern Hardwoods	Sawtimber Well	6.7	70	51-80	N/A	2016 YOE: Pole stand thinned in 2008.  2026 YOE: Thinned in 2008 as part of the Peggly Lake Overview (45-118-06) timber sale. BA averages around 80 after last thinning. All size classes present. NW part of stand contains more aspen, birch, red maple and spruce/fir. Maple regen present throughout stand. Abundant small seedlings present, but not much for advanced regen. Very little regen in the 3-5ft class present. Heavily browsed where present. Beech brush also present throughout stand.																																																											
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5	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	3.3	79	81-110	N/A	2016 YOE: Small black spruce, balsam fir, and a few scattered small tamarack. Very wet fringe stand on edge of Peggley Lake. 2026 YOE: Mixed swamp conifer stand, heavy to cedar. Patchy stand. High BA where trees are present. Small fir, ash and tag alder in gaps. Very wet patches present.																																																											
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																							
6	6130 - Fir, Aspen, Maple	Poletimber Well	14.0	34	51-80	N/A	2026 YOE: Formerly part of stand 16. Harvested at the same time in 1998 as part of the Sunken Corner timber sale. Wetter and more conifer than aspen to the west. Also more residual conifer left scattered individually and in patches throughout stand. Still a sapling stand where lowland conifers are regenerating, but aspen/spruce/fir have reached immature pole size.																																																							
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7	4112 - Maple, Beech, Cherry Association	Sawtimber Well	4.7	89	51-80	N/A	2016 YOE: Small stand of mixed maple. Basal area suggests a selection cut. Not much regen present. Thin with pther nearby maple stands. timber sale 45-101-16 All-Season Hardwood cut in 7/17  2026 YOE: Stand looks good after most recent thinning. Thinned in summer of 2018 as part of the All Season Hardwood (45-101-16) timber sale. Average BA is 70-80 with some gaps present. Mostly maple left as residual. Excellent regen throughout stand. Heavy to red maple, but hard maple and cherry are also present. Heavy browse is present. Most of regen is 3-5 ft tall but some advanced regen is present.																																																							
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8	4130 - Aspen	Poletimber Medium	31.8	28	1-50	N/A	2026 YOE: Harvested in 1996 as part of the Opening Hardwood-Aspen timber sale. Variable stand in terms of density. Mostly clumps of aspen, maple and cherry. Mostly large sapling and small pole size present. Scattered upland conifer throughout stand. Also a couple small patches of jack pine present. Mostly grass, raspberry, and scattered saplings in more open areas between clumps.																																																							
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9	629 - Mixed non-forested wetland	Nonstocked	1.0		Unspecified	No	2026 YOE: Low, wet inclusion with scattered, small tamarack and black spruce.																																																							
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10	4111 - S.Maple, Hard Mast Association	Sawtimber Well	128.5	83	51-80	N/A	2016 YOE: Decent quality stand of mixed maple. There is yellow birch and cherry scattered throughout. Some beech remains.  2026 YOE: Same as last entry, but stand was thinned in summer of 2018 as part of the All Season Hardwood (45-101-16) timber sale. Also previously thinned in 1998 as part of the Nervous Swan (45-39-97) timber sale. BA ranges from 40-60 throughout stand with some higher stocked clumps present. Mostly beech brush and raspberry in understory. Beech and some cherry are the only notable species for advanced regen. Maple regen is present in gaps of 60 BA or less and overgrown roads/skid trails. Mostly in the 2-5ft class. Some small seedlings scattered throughout stand. Maple regen over 1ft tall is heavily browsed.																																																							
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
11	629 - Mixed non-forested wetland	Nonstocked	10.5		Unspecified	No	2026 YOE: Wet fringe around Peggley Lake. Mix of tag alder and bog species. A few scattered cedar present throughout stand.
12	4139 - Aspen, Mixed Deciduous	Sapling Well	8.2	16	Immature	N/A	2016 YOE: Stand was cut in 2008. Regeneration is mix of aspen, mixed maple. Scattered residual white pine and red maple.  2026 YOE: Same as last entry. Aspen is doing very well. Fully stocked in most places except near residual white pine. Some white regen present.
13	4112 - Maple, Beech, Cherry Association	Sawtimber Well	6.5	82	51-80	N/A	2016 YOE: Stand of mixed maples with some cherry mixed in. timber sale 45-101-16 All-Season Hardwood cut in 7/172026 YOE:  Northern Patch: Formerly stand 6. Poor quality maple stand averaging 60 BA after most recent thinning. Thinned in summer of 2018 as part of the All Season Hardwood (45-101-16) timber sale. Mostly red maple left as residual. Good layer of maple and cherry in understory, although heavily browsed. Siuthern Patch: Variable BA since most recent thinning. Thinned in summer of 2018 as part of the All Season Hardwood (45-101-16) timber sale. Averaging about 60, but ranging from 40-90 with a mix of red and sugar maple. Some cherry mixed in. Stand is slightly wetter than surrounding hardwoods, but still upland. Good regen in the 3-5ft class, but little advanced regen present. Raspberry present in lower BA areas. Regen is heavy to maple but cherry is also present. Heavy browse throughout stand.
14	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	26.5	39	51-80	N/A	2016 YOE: Stand of mixed brush with aspen, cherry, birch, and rm regen. Scattered balsam. 2026 YOE: Mixed aspen, cherry maple stand. Good amount of spruce/fir mixed in. Aspen is larger than maple and cherry. Stand varies from aspen dominated areas to maple/cherry dominated areas. Wetter ground along eastern edge, with more spruce/fir present.
15	500 - Water	Nonstocked	25.8		Immature	No	Peggley Lake



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																	
16	4134 - Aspen, Spruce/Fir	Poletimber Well	31.6	34	51-80	N/A	2016 YOE: A3 about 15-20' tall.																																																	
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17	4112 - Maple, Beech, Cherry Association	Poletimber Well	18.1	70	51-80	N/A	2016 YOE: Stand of mixed maples with some beech and yellow birch. Steep ridge on east and wet edges of stand. timber sale 45-101-16 All-Season Hardwood cut in 6/18.																																																	
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18	310 - Herbaceous Openland	Nonstocked	1.7		Immature	No	2026 YOE: Grass opening with maple regen on edges. Small patch of maple poles/large saplings in southern middle portion of stand.																																																	
19	6120 - Lowland Cedar	Poletimber Well	499.3	120	111-140	N/A	2016 YOE: Very large stand of cedar with some areas of scattered tamarack. Not the best quality. 2026 YOE: Large cedar of varying size and density. Too variable to type out as multiple stands. Very wet and poorly stocked in some spots. Other areas are fully stocked and are a mix of cedar, birch and fir. Fir understory throughout stand. Frequent blowdown throughout much of stand. Scattered pockets throughout stand containing cedar regen.																																																	
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20	4115 - Y.Birch, Hemlock NH	Sawtimber Well	9.5	85	111-140	N/A	2016 YOE: Not visited due to no access. Data from previous inventory.																																																	
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21	4319 - Mixed Upland Forest	Sawtimber Well	11.3	77	111-140	N/A	2016 YOE: Stand is island in middle of large, very wet cedar stand. No access, data from previous inventory.																																																	
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<b>22</b>	42350 - Upland Hemlock	Sawtimber Well	6.3	150	81-110	N/A	2016 YOE: No access due to stand being an island surrounded by flooded cedar stand. 2026 YOE: Narrow finger ridge surrounded by cedar. Mostly mature hemlock and white pine mixed with red maple, fir and cedar. Some fir in understory.																																																										
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<b>23</b>	629 - Mixed non-forested wetland	Nonstocked	18.5			No	2026 YOE: Open water surrounded by tag alder, leatherleaf and some scattered willow.																																																										
<b>24</b>	629 - Mixed non-forested wetland	Nonstocked	4.2			No	2026 YOE: Tag alder mixed with some scattered standing dead cedar.																																																										
<b>25</b>	4319 - Mixed Upland Forest	Sawtimber Well	20.8	76	111-140	N/A	2016 YOE: Stand of small, poor quality cedar with mix of spruce and paper birch. A couple large white pine on higher ground areas. 2026 YOE: Mixed red maple and hemlock stand. Average BA is 120, with some spots being much higher. Most red maple are medium quality and overmature. Very little regen.																																																										
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<b>26</b>	4112 - Maple, Beech, Cherry Association	Sawtimber Well	64.3	90	81-110	N/A	2016 YOE: Stand was thinned last entry. Mixed maple and conifer with cherry and yellow birch. Hemlock groves throughout. 2026 YOE: Thinned in 2008 as part of the Culvert Set Hardwood (45-06-02) timber sale. BA is averaging around 100-110, although it varies in places where gaps were put in. Mostly a red maple stand, but a couple nice patches of hard maple present. Excellent maple regen of all size classes present throughout stand. Minimal browse.																																																										
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<b>27</b>	6120 - Lowland Cedar	Poletimber Well	86.7	100	81-110	N/A	2016 YOE: Very low ground that is often flooded. Poor quality cedar. No merchantability here. 2026 YOE: Variable cedar stand. Very wet in many areas. Some areas have decent stocking, while others are poorly stocked containing tag alder, poor quality cedar and black ash. Tag alder inclusions present throughout stand. Frequent blowdown throughout stand.																																																										
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28	6122 - Black Spruce	Poletimber Well	12.4	65	81-110	N/A	2016 YOE: Transitional stand between hardwood and lowland cedar. Pretty poor quality, flooded in most places when visited. 2026 YOE: Mix of black spruce and white pine. Decent pole size stand. Very wet in spots. Best quality is near hardwood edge. BA is over 100 in many spots with some areas 130+ present.																																											
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29	6121 - Tamarack	Poletimber Poor	65.2	80	1-50	N/A	2026 YOE: Very wet mixed swamp conifer stand. Dense in some spots, while other areas are tag alder or open with standing water. Mostly small pole/sapling size stunted trees. Tamarack is the dominant species throughout most of stand.																																											
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31	42340 - Upland Spruce/Fir	Poletimber Well	11.6	53	81-110	N/A	2016 YOE: Stand of mixed maple brush with some aspen and conifer. Small diameter. 2026 YOE: Spruce/fir stand mixed with aspen and clumps of pole size maple. Most spruce is large pole and log size. A couple open, poorly stocked areas present.																																											
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32	429 - Mixed Upland Conifers	Sawtimber Poor	6.4	60	1-50	N/A	2026 YOE: Filled in opening consisting of large pole and log size white pine, spruce and fir. Scattered cherry and maple saplings present throughout stand. Opening is about 60% grown in.																																											
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33	6120 - Lowland Cedar	Poletimber Well	136.8	115	81-110	N/A	2016 YOE: Very low ground, poor quality, small diameter cedar. 2026 YOE: Same as last entry. Very wet, poor quality cedar stand mixed with some tamarack and black spruce. A couple small islands that are slightly more upland present. Some mortality due to flooding on southern edge. No access to this stand.																																											
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments			
<b>34</b>	4115 - Y.Birch, Hemlock NH	Sawtimber Well	114.4	90	81-110	N/A	2016 YOE: Red Maple with some hemlock groves and scattered beech. Widely scattered yellow birch.  2026 YOE: Thinned in 2008 as part of the Culvert Set Hardwood (45-06-02) timber sale. Poor quality northern hardwood stand. Red maple/hemlock dominant on edges and in lower areas. A couple higher ground sugar patches are present. Dense advance regen throughout stand being mostly maple and beech. Smaller regen is present, but heavily browsed. BA is variable, but averages 70-80. Higher in hemlock dominated areas.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Balsam Fir	10	Pole	8			Paper Birch	Low	Variable	Sapling	
Sugar Maple	25	Log/Pole	12			Yellow Birch	Medium	Variable	Sapling	
Yellow Birch	5	Log/Pole	12			Maple (spp.)	High	Variable	Sapling	
Beech	5	Pole/Log	9			Beech	High	Variable	Sapling	
Red Maple	40	Log/Pole	13	90		Conifers	Medium	Variable	Sapling	
Hemlock	15	Log/Pole	11							
<b>35</b>	500 - Water	Nonstocked	25.6			No	2026 YOE: Flooded wetland area. A couple of small swamp conifer islands present.			
<b>36</b>	4119 - Mixed Northern Hardwoods	Sawtimber Well	65.6	83	51-80	N/A	2016 YOE: Thinned in 2008. Mix of pole and log sized mixed maple. Some paper birch and balsam. Scattered Hemlock.  2026 YOE: Thinned in 2008 as part of the Culvert Set Hardwood (45-06-02) timber sale. After most recent thinning, BA is averaging around 70-80. Most residual stems are poor to medium quality. Moderate site. Dense advanced regen throughout stand, although most of it is red maple and beech. Hardly any small or medium size seedlings/saplings. Heavy browse on stems that are present. Patches of scattered conifer throughout stand.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Red Maple	30	Log/Pole	12			Yellow Birch	Low	Variable	Sapling	
Balsam Fir	10	Pole	8			Black Cherry	Low	Variable	Sapling	
Hemlock	5	Log	12			Beech	High	Variable	Sapling	
Paper Birch	10	Pole/Log	9			Maple (spp.)	High	Variable	Tall Shrub	
Sugar Maple	45	Log/Pole	12	83		Conifers	Medium	Variable	Sapling	
<b>37</b>	4319 - Mixed Upland Forest	Sawtimber Well	25.0	78	81-110	N/A	2026 YOE: Formerly part of stand 26. Lower ground than adjacent hardwood stand. Mix of red maple fir, spruce, yellow birch, cedar and hemlock. Average BA of 110-120. Many large, overmature red maple throughout stand. A couple immature patches of fir present. Also a couple very wet swales towards middle of stand. Not much for regen except for gaps created from mortality.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Red Maple	48	Log	12	78		Red Maple	Low	Variable	Sapling	
Hemlock	7	Log/Pole	10			Balsam Fir	Low	Variable	Sapling	
Balsam Fir	25	Pole	6							
Northern White Cedar	10	Pole	7							
Yellow Birch	10	Log	12							
<b>38</b>	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	5.4	76	81-110	N/A	2026 YOE: Formerly part of stand 27. Transition stand between hardwood and cedar stand. Mix of red maple, spruce/fir, paper birch, cedar and some hemlock. Not much regen present.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Paper Birch	15	Log/Pole	10			Maple (spp.)	Low	Variable	Sapling	
Balsam Fir	10	Pole	6			Birch (spp.)	Low	Variable	Sapling	
White Spruce	5	Pole/Log	9			Conifers	Medium	Variable	Sapling	
Hemlock	5	Log/Pole	12							
Northern White Cedar	15	Pole	7							
Red Maple	50	Log/Pole	12	76						



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																													
<b>39</b>	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	20.8	92	111-140	N/A	2026 YOE: Mixed cedar stand. Not overly wet in most places. Nice mix of birch, maple, fir, and some aspen throughout stand. Fir understory throughout most of stand. Old ice road goes through northern part of stand.																																													
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<b>40</b>	6120 - Lowland Cedar	Poletimber Well	78.7	110	81-110	N/A	2016 YOE: Stand of short, densely stocked cedar with some areas with scattered balsam and tamarack.  2026 YOE: Same as last entry. Fair amount of paper birch mixed in in certain areas. Very wet in most areas. Blowdown present throughout stand.																																													
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<b>41</b>	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	4.0	50	111-140	N/A	2026 YOE: Mixed maple/aspen stand with heavy fir component. All size classes present in red maple. Aspen and fir are mostly mid to large size pole timber. Some fir and maple in understory. Browse present throughout stand.																																													
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<b>42</b>	4130 - Aspen	Poletimber Well	1.4	45	81-110	N/A	2026 YOE: Good looking aspen pole stand. Hold for 10 years. Manage with 45124012.																																													
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