



# Compartment Review Presentation

Sault Ste. Marie Forest Management Unit

Compartment 45144

Entry Year 2023

Acreage: 1,919

County Mackinac

Management Area: Strickler Aspen

**Stand Examiner:** Amy Livermore

## Legal Description:

T43N R08W SECTIONS 25, 26 & 36 Hudson Township

## Identified Planning Goals:

This compartment is located approximately 9 miles east of Naubinway and just north of US-2. The area lies within a deeryard (as designated in the winter of 2001) and varies from swamp conifers to upland aspen, birch, spruce-fir and hardwood. Good age class diversity exists within the aspen component. Cuttings have taken place each decade since the late 1960's. Cutting of over-mature stands is needed to assure adequate aspen regeneration and continued age class diversity. The aspen management objectives include a mix of aspen, birch, spruce-fir and hardwood. Cutting has also taken place in black spruce stands since the late 1970's with adequate regeneration of spruce, balsam, white pine, tamarack, etc. The Troll Fire burned through the northeastern portion of the compartment (north of Enbridge Pipeline) in May 1999. It burned hot through most of those stands, which have regenerated naturally to either cherry or aspen. Section 36 has very difficult accessible due to stream crossings, road access, seasonal limitations and terrain. Stand 71 is delayed to be treated with the rest of the stand in compartment 140.

## Soil and topography:

The terrain varies from low swamps with inclusions of narrow high ridges, to rolling uplands. The soils show the varied nature of the area too including many complexes. These include Markey-Spot-Finch complex with ridges of Pullup fine sand, Spot-Finch complex, Paquin sand, Wallace sand, Paquin-Finch sands, Markey and Carbondale mucks, Leafriver-Croswell-Wainola complex, and Croswell-Markey complex.

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

The entire compartment and surrounding lands are state owned.

## Unique Natural Features:

Davenport Creek flows through the compartment, as well as tributaries of Hog Island Creek. Many vernal ponds scattered through stands.

## Archeological, Historical, and Cultural Features:

Two pipeline right-of-ways cross the compartment. The northern right-of-way is the Enbridge Oil Pipeline, constructed in 1953, paralleled by Cloverland Electric Co-op transmission line. The southern pipeline is Trans Canada Gas Pipeline, constructed in 1969 and expanded with a parallel line in 1991.

## Special Management Designations or Considerations:

Vernal ponds will be protected from any logging activity and BMP guidelines will be adhered to along any creeks and tributaries.

## Watershed and Fisheries Considerations:

This compartment contains Davenport Creek and Hog Island Creek. Davenport Creek is a designated trout stream less than 50' width. A 300' buffer is recommended for Davenport Creek in riparian areas susceptible to Aspen regeneration. For areas not susceptible to Aspen regeneration, 100' plus 5' per 1% increase in slope; buffers are recommended to protect these areas in accordance with Best Management Practices. Hog Island Creek is a designated trout stream less than 50' width. A 300' buffer is recommended for Hog Island Creek in riparian areas susceptible to Aspen regeneration. For areas not susceptible to Aspen regeneration, 100' plus 5' per 1% increase in slope; buffers are recommended to protect these areas in accordance with Best Management Practices.

## Wildlife Habitat Considerations:

This compartment is part of the Strickler Aspen Management Area where featured wildlife species include American woodcock, ruffed grouse, snowshoe hare, and white-tailed deer. The compartment lies east of the Strickler GEMS. It contains a mix of types including aspen, northern hardwood, red pine, lowland spruce, cedar, and mixes of species (both upland and lowland). White birch, aspen, red maple, sugar maple, white pine, black spruce, tamarack, and hemlock are

commonly

represented species. While types vary across the compartment, the northern part generally contains more upland types and the southeastern part contains more lowland types. The entire compartment is part of deer wintering complex.

Wildlife objectives include maintaining age class diversity between early successional stands, enhancing diversity in northern hardwoods, protecting wetland habitats, and maintaining wintering habitat for deer. Some aspen, birch, and mixed stands are planned to be treated, and the resulting young growth is expected to benefit grouse, woodcock, snowshoe hare, and deer. Harvests in deciduous stands will occur during the winter months to provide additional browse for deer during this critical time. Some lowland conifer-dominated areas are planned for treatment and the new growth is expected to benefit snowshoe hare. However, closed canopy cover will be retained to maintain this habitat for wintering deer and other species.

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

No known potential exists for commercial oil & gas production in this part of the state, and there is no known metallic mineral potential in this area. No known active mineral production sites occur in the area. Engadine limestone/dolostone underlies glacial drift and lacustrine sediments here but may be too deep to have economic value. Potential for sand & gravel may exist within the compartment, but wetlands and a shallow water table would inhibit surface mining.

### **Vehicle Access:**

Access is via Hog Island Road, a seasonal county dirt road that runs between US-2 and H-40. The road is generally a good gravel/sand road, but usually is one of the last roads to lift seasonal restrictions in the spring. There is limited vehicle access along Enbridge Oil Pipeline and Trans Canada Gas Pipelines due to the low ground they cross. Both pipelines require advanced notification of crossings to ensure adequate fill exists over the pipes. Any new timber sale roads will be blocked or planted after management activities occur.

### **Survey Needs:**

None.

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

The snowmobile trail barely touches the compartment by following Sand Lake Road across Davenport Creek and north on Hog Island Road. Hunters, trappers and fishermen use the area. Other opportunities include berry and mushroom picking.

### **Fire Protection:**

There is potential for fires as demonstrated by the Troll Fire in 1999. However, the overall potential is low to moderate due to the low, wet areas.

### **Additional Compartment Information:**

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

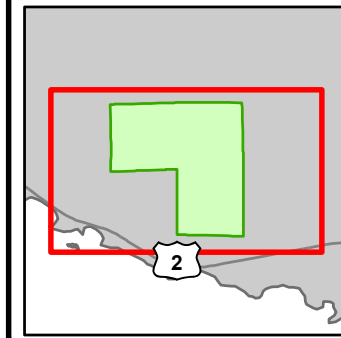
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

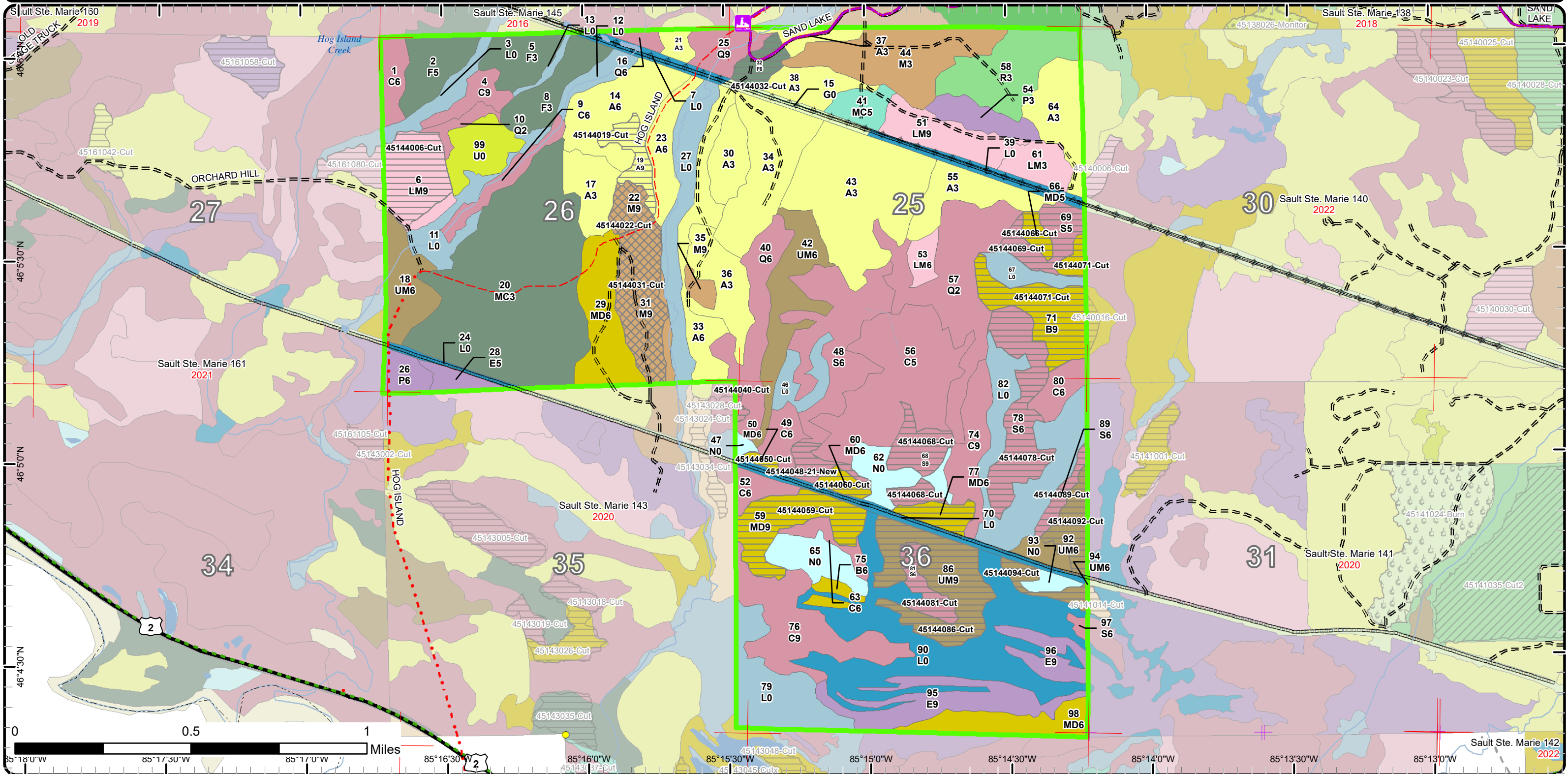
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

# Cover Type & Treatments Map

Compartment: 144  
 T43N, R08W, Sec: 25, 26, 36  
 County: Mackinac  
 Unit: Sault Ste. Marie  
 Mgmt Area: Strickler Aspen  
 YOE: 2023  
 Acres: 1919.1 GIS Calculated  
 Examiner: Amy Livermore  
 Map Revised: 1/28/2022  
 Map Phase: Post Review

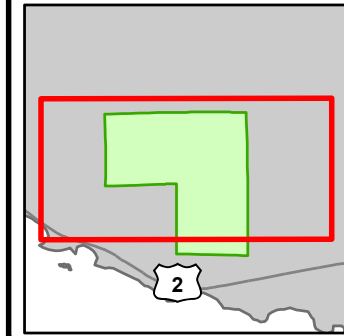


- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Primary Forest Road
- DNR - Forest Access Route
- Federal / State Highway
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Snowmobile Trails
- Designated Hiking Trails
- Designated Bicycle Trails
- Designated ORV Route
- Designated Snowmobile Trails
- Intermittent Stream
- Lake/Pond
- Perennial River
- Shoreline
- Lakes and Rivers
- Pipeline
- Powerline
- Compartment Boundary
- Selection (Group, Single Tree)
- Clearcut (w/Reserves)
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- 629 - Mixed Non-forested Wetland
- 411 - Northern Hardwood
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines

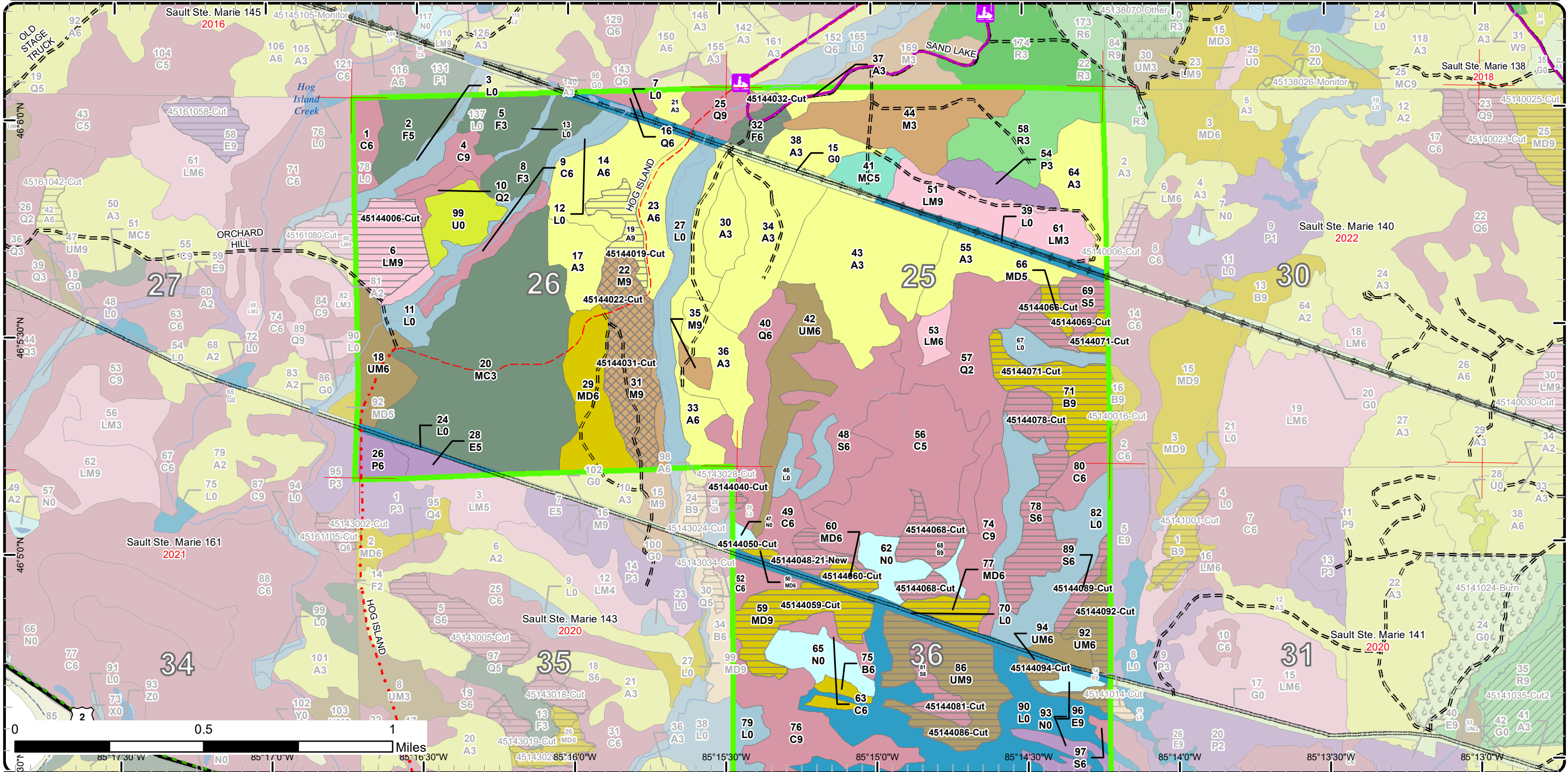


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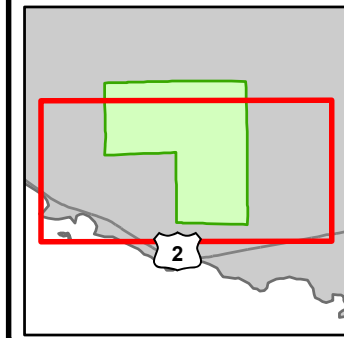


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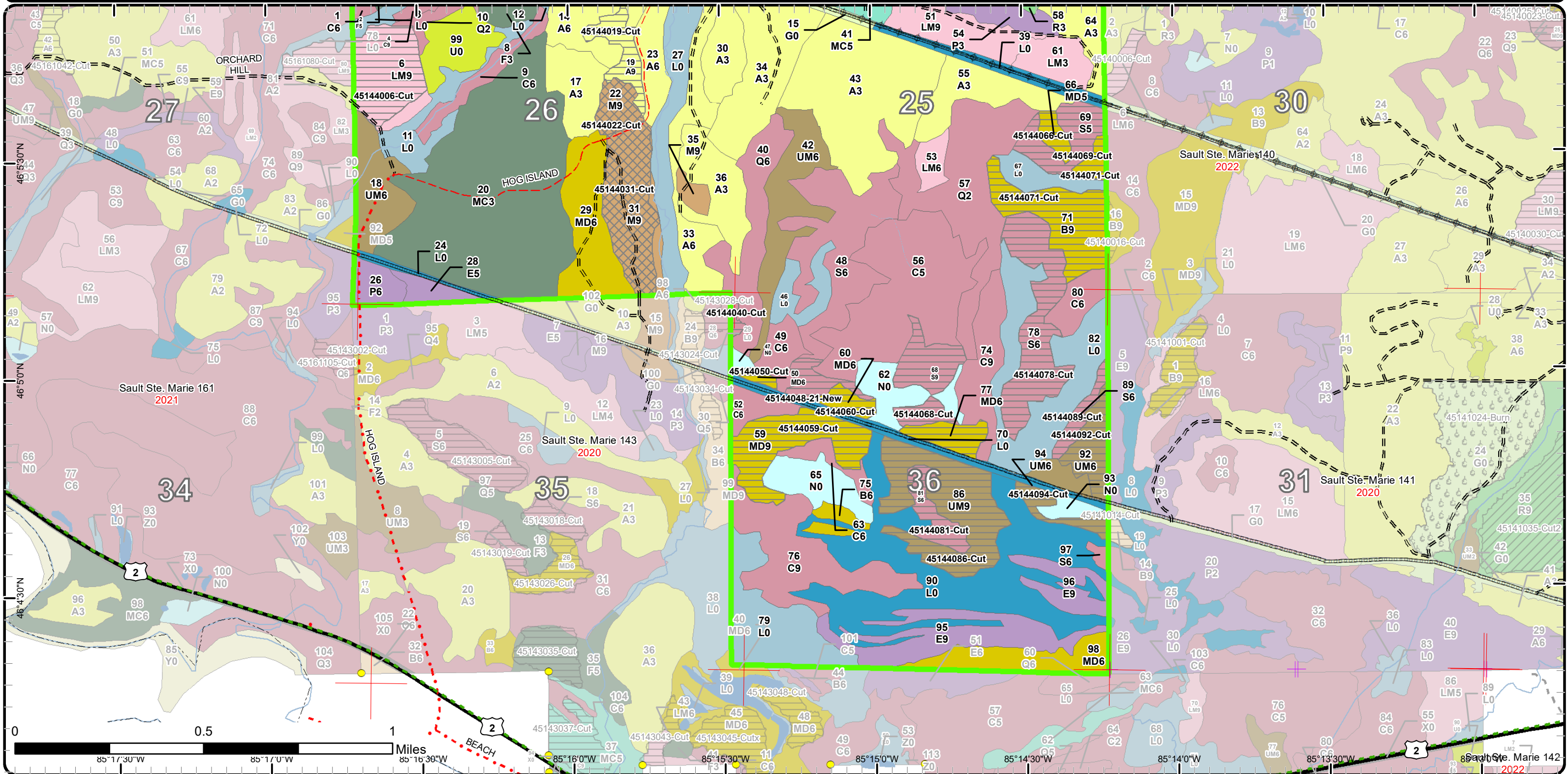


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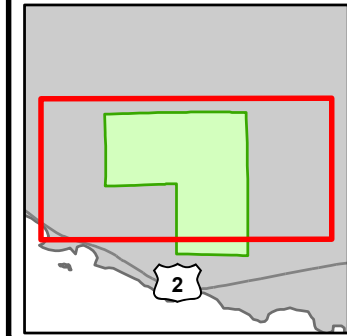


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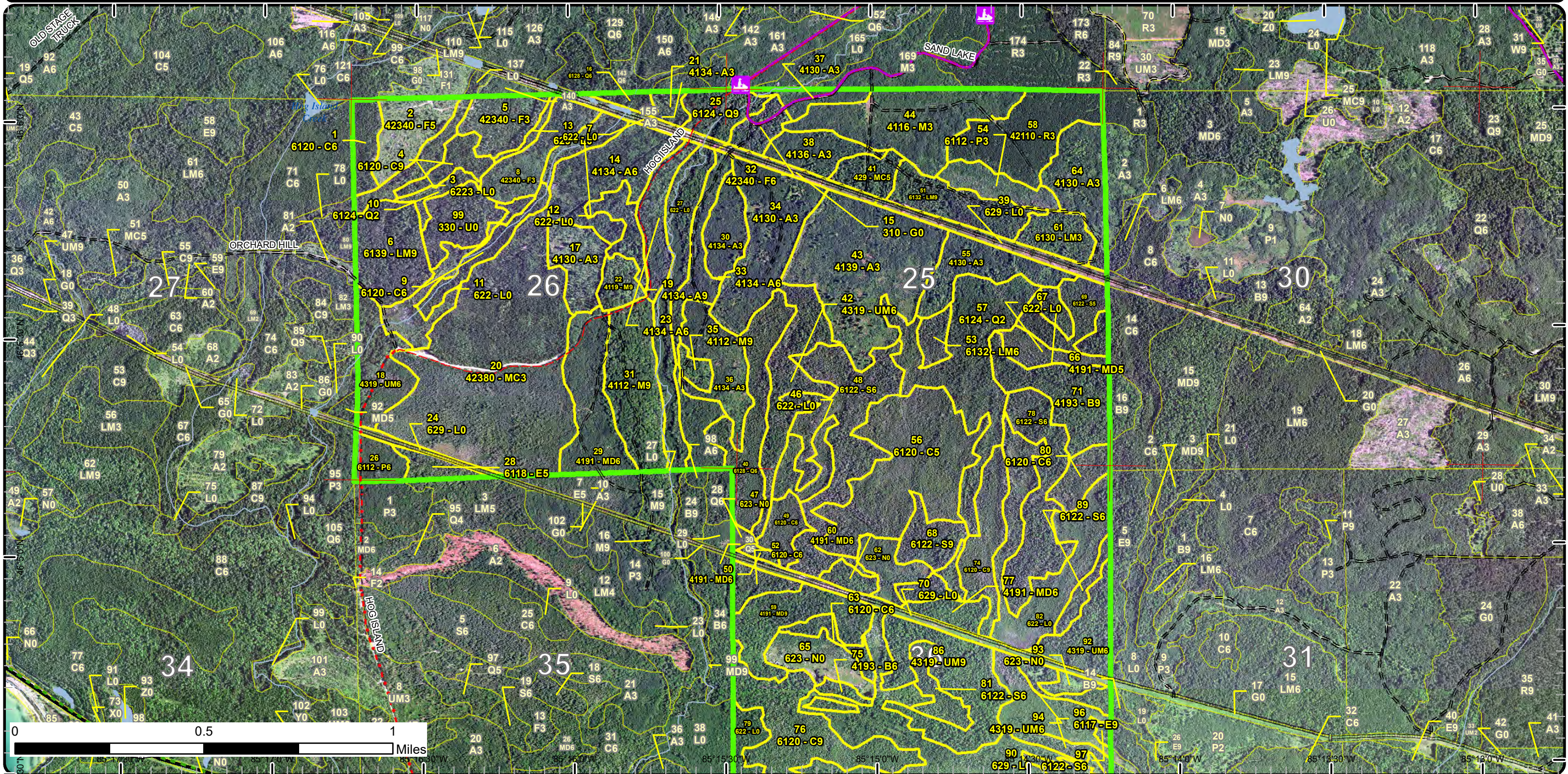
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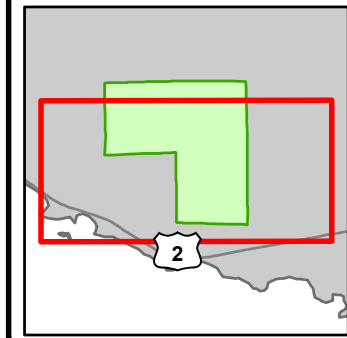


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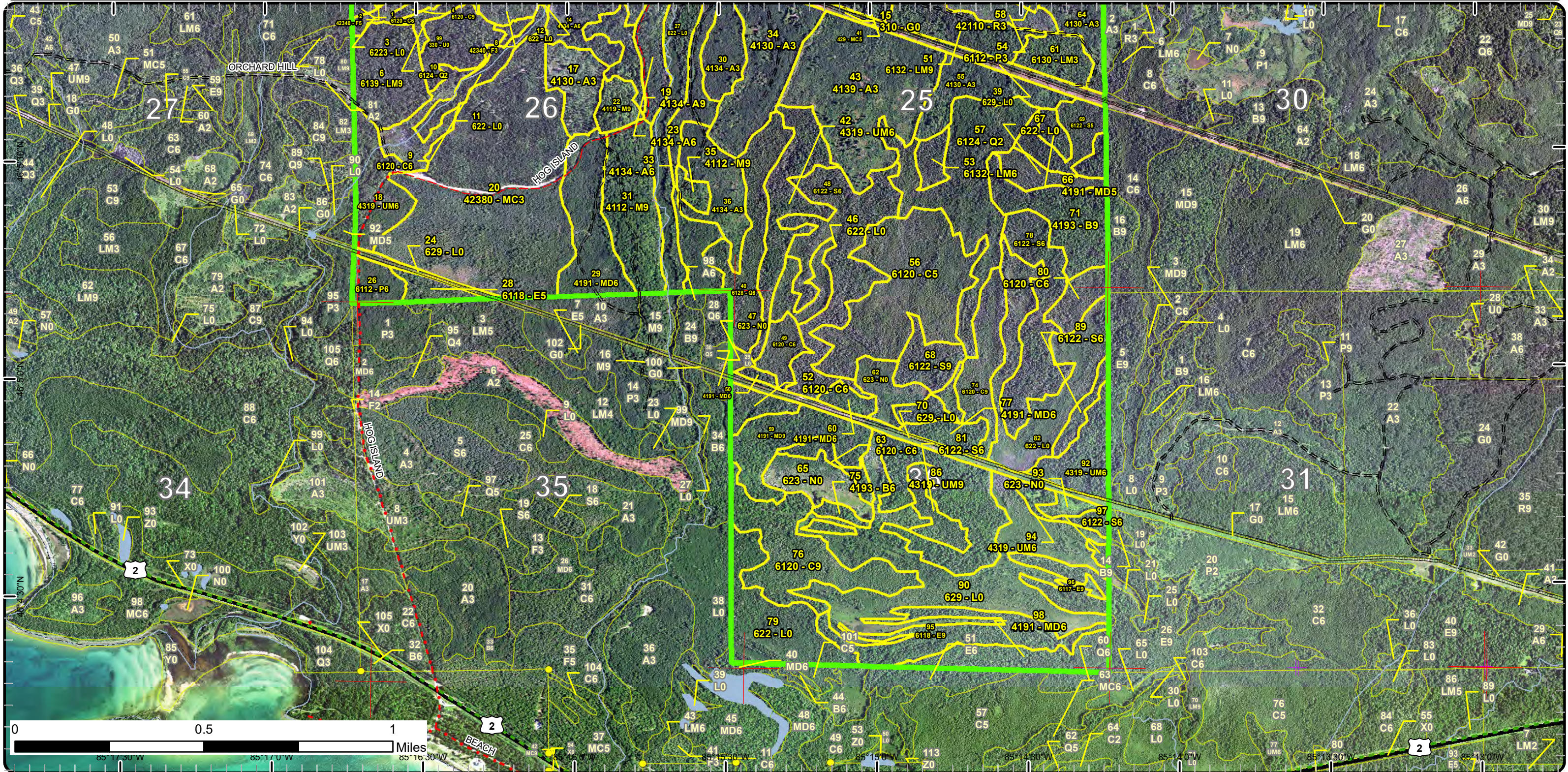
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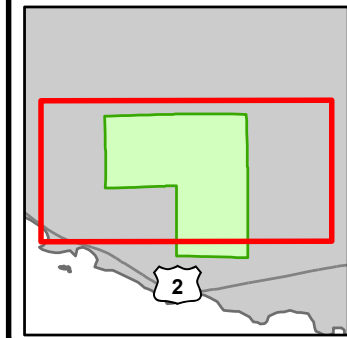


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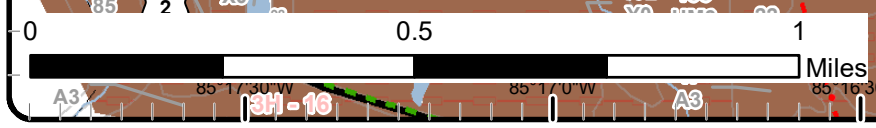
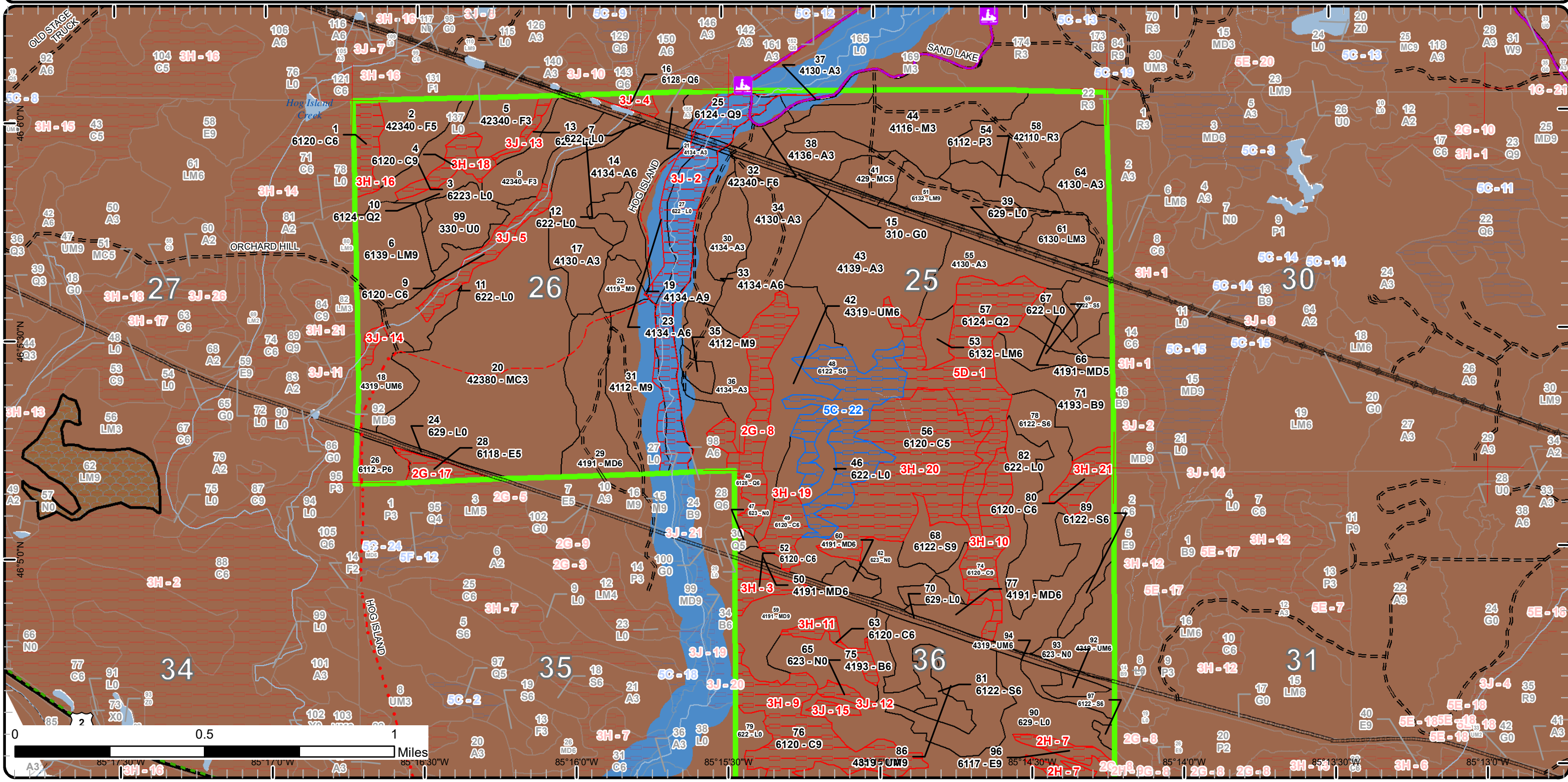


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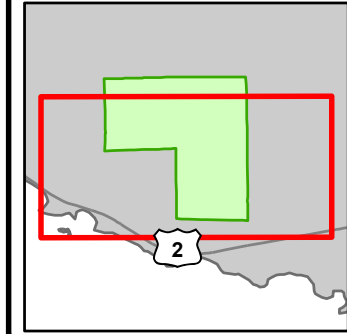
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- Available w/ Constraints
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- Unavailable
- 2G: Too wet (sensitive soils, does not include access issues)
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- 3J: Water quality / BMPs (stream, river, or lake)
- 5D: Unproductive Forest Land
- Stand Boundaries
- SCA Removal
- Cold Water Streams
- Cold Water Lakes
- High Priority Trout Stream Buffer
- Deer Winter Range
- Possible Type 1 Old Growth



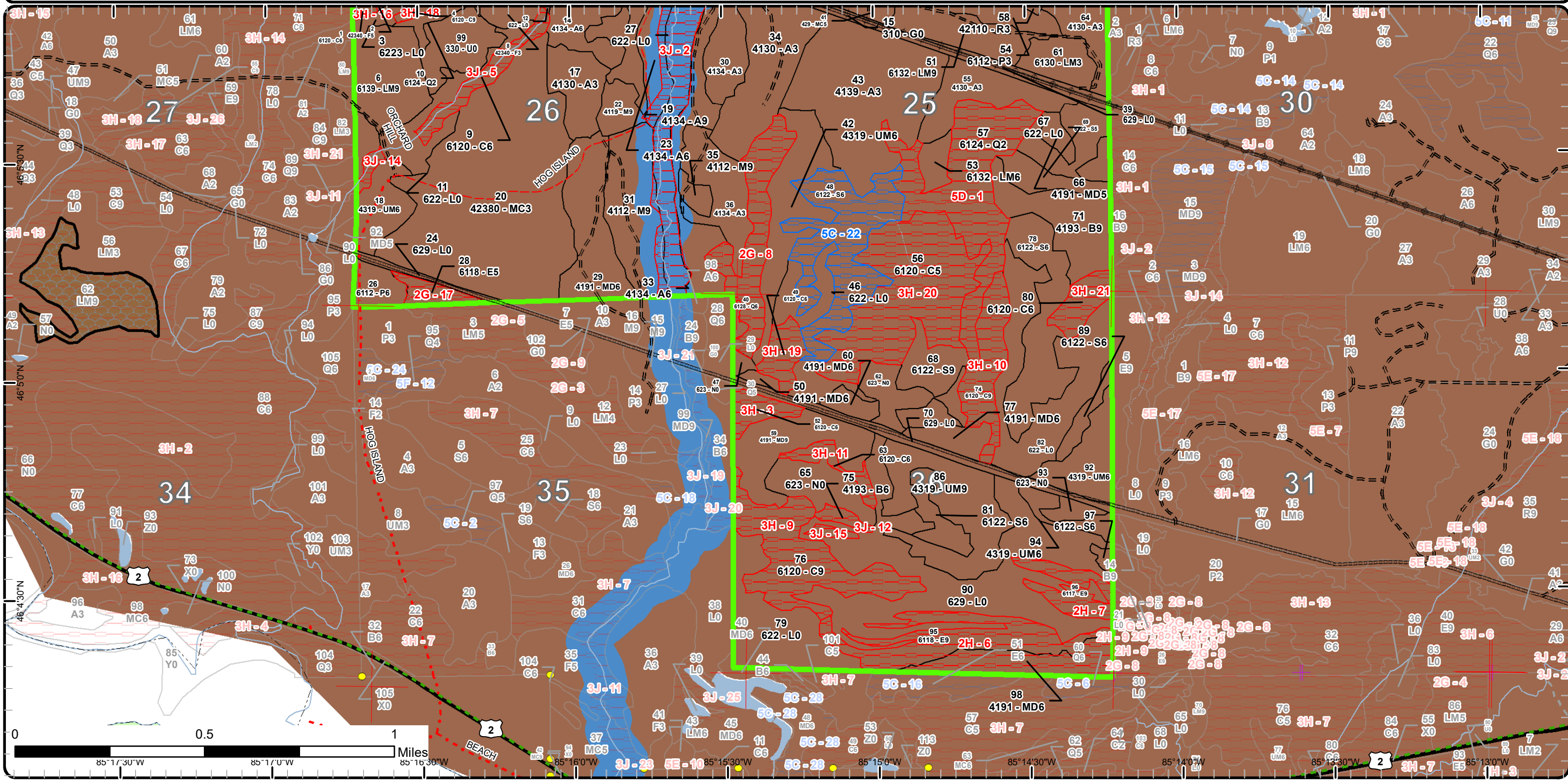


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- Cold Water Lakes
- High Priority Trout Stream Buffer
- Deer Winter Range
- Great Lakes Islands
- Possible Type 1 Old Growth



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	149	97	35	44	11	0	0	0	0	0	0	0	0	0	0	0	335
Cedar	0	0	0	0	0	0	0	0	0	16	0	11	68	0	21	10	74	0	200
Herbaceous Openland	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Low-Density Trees	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18
Lowland Aspen/Balsam Poplar	0	0	0	13	9	0	0	0	0	0	0	0	0	0	0	0	0	0	22
Lowland Conifers	0	0	0	5	0	0	0	14	0	57	0	32	0	4	0	0	0	0	112
Lowland Deciduous	0	0	0	0	0	0	0	0	0	0	7	48	0	0	0	0	0	0	55
Lowland Mixed Forest	0	13	0	0	0	0	0	0	29	0	0	29	0	0	0	0	0	0	71
Lowland Shrub	311	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	311
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	2	115	0	26	0	0	0	0	0	0	142
Marsh	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37
Mixed Upland Deciduous	0	0	0	0	33	0	0	0	0	60	9	2	0	0	0	0	0	0	103
Northern Hardwood	0	0	0	47	0	0	0	0	0	9	0	4	0	0	0	0	0	35	94
Paper Birch	0	0	0	0	0	0	0	0	0	38	0	0	0	0	0	0	0	0	38
Red Pine	0	0	0	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36
Upland Conifers	0	0	0	142	0	0	0	0	0	10	0	0	0	0	0	0	0	0	152
Upland Mixed Forest	0	0	0	0	0	23	0	0	0	0	41	26	0	0	0	0	0	31	121
Upland Spruce/Fir	0	0	0	17	40	0	9	0	0	0	0	0	0	0	0	0	0	0	66
<b>Total</b>	<b>373</b>	<b>13</b>	<b>149</b>	<b>357</b>	<b>117</b>	<b>67</b>	<b>20</b>	<b>14</b>	<b>31</b>	<b>305</b>	<b>57</b>	<b>178</b>	<b>68</b>	<b>4</b>	<b>21</b>	<b>10</b>	<b>74</b>	<b>66</b>	<b>1920</b>



## Report 2 – Treatment Summary

Sault Ste. Marie Mgt. Unit  
Year of Entry: 2023

Acres of Harvest

Compartment 144  
Total Compartment Acres: 1,919

Commercial Harvest - 321  
Harvests with Site Condition - 0  
Next Step Harvest - 0  
Habitat Cut - 0

### Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overstory Removal	Salvage	Other	Total Acres
Aspen	11	0	0	0	0	0	0	0	0	11
Lowland Conifers	1	0	0	0	0	0	0	0	0	1
Lowland Mixed Forest	26	0	0	0	0	0	0	0	0	26
Lowland Spruce/Fir	93	0	0	0	0	0	0	0	0	93
Mixed Upland Deciduous	48	0	0	0	0	0	0	0	0	48
Northern Hardwood	0	40	0	0	0	0	0	0	0	40
Paper Birch	33	0	0	0	0	0	0	0	0	33
Upland Mixed Forest	61	0	0	0	0	0	0	0	0	61
Upland Spruce/Fir	9	0	0	0	0	0	0	0	0	9
<b>Total</b>	<b>281</b>	<b>40</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>321</b>

### Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	321	0	0	0	0	0	0	0	0	321
Next Step	0	0	0	0	0	0	321	0	0	321
<b>Total</b>	<b>321</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>321</b>	<b>0</b>	<b>0</b>	<b>642</b>



Stand	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>6</b>	<b>45144006-Cut</b>	25.9	6139 - Mixed Lowland Forest	Sawtimber Well	106	81-110	Harvest	Clearcut with Retention	613 - Lowland Mixed Forest	Even-Aged	No
<p><u>Prescription Specs:</u> Clearcut all deciduous down to 2" and conifers down to 4". Retain all cedar, &amp; white pine over 14" dbh. No chipping will be allowed and sale operations are restricted to December 11 to April 1 unless changed by written agreement because of deer yard. Create brush piles during normal processing operations if possible, particularly near stand edges where low conifer cover is present, for hare.</p> <p><u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Acceptable Regen:</u> black spruce, aspen, white pine, red maple, paper birch, balsam fir, cedar</p> <p><u>Other Comment:</u> Save the SE strip for retention. The retention area has been removed from the treatment boundaries.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2022</p>											
<b>19</b>	<b>45144019-Cut</b>	10.5	4134 - Aspen, Spruce/Fir	Sawtimber Well	53	81-110	Harvest	Clearcut	413 - Aspen	Even-Aged	No
<p><u>Prescription Specs:</u> Cut all deciduous trees over 4" and conifers over 2". Leave any cedar and hemlock, and some larger white pine if present. Winter cut (Dec. 1 - Mar. 31) - deer wintering complex.</p> <p><u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Acceptable Regen:</u> aspen, red maple, balsam fir, spruce</p> <p><u>Other Comment:</u> Clearcut due to small size.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2022</p>											
<b>22</b>	<b>45144022-Cut</b>	8.5	4119 - Mixed Northern Hardwoods	Sawtimber Well	86	111-140	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	No
<p><u>Prescription Specs:</u> Thin to 70-90 BA. Open canopy around yellow birch. Leave all hemlock. Leave white pine over 18". Leave some large wolfy trees. Cut all beech unless it appears healthy. Winter cut (Dec. 1 - Mar. 31) - deer wintering complex.</p> <p><u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Acceptable Regen:</u> northern hardwoods</p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2022</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
<b>31 45144031-Cut</b>	31.5	4112 - Maple, Beech, Cherry Association	Sawtimber Well	91	111-140	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	No
<p><u>Prescription</u> Thin to 70-90 BA. Open canopy around yellow birch. Leave all hemlock. Leave white pine over 18". Leave some larger wolfy trees. Cut all beech unless it appears healthy. Deer wintering complex - winter cut (Dec. 1 - Mar. 31).</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> northern hardwoods</p> <p><u>Regen:</u></p> <p><u>Other</u> Maintain a 100' buffer along the Davenport Creek.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2022</p>										
<b>32 45144032-Cut</b>	8.7	42340 - Upland Spruce/Fir	Poetimber Well	59	81-110	Harvest	Clearcut	42330 - Upland Fir	Even-Aged	No
<p><u>Prescription</u> Cut all deciduous trees down to 2" and conifers down to 4". Deeryard, winter cut only December 1 - April 1.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> balsam fir, spruce, red maple, paper birch, hemlock</p> <p><u>Regen:</u></p> <p><u>Other</u> Keep sled trail clear. No decking on sled trail. Clearcut justification for small acreage. 100' buffer needed along the creek.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2022</p>										
<b>40 45144040-Cut</b>	1.4	6128 - Lowland Coniferous, Mixed Deciduous	Poetimber Well	100	51-80	Harvest	Clearcut with Retention	613 - Lowland Mixed Forest	Even-Aged	No
<p><u>Prescription</u> Cut all deciduous 2" or more and conifer 4" or more. Leave a representative, healthy, mature tree spaced every 75ft (this will leave 8 trees per acre). Don't cut cedar, white pine, or hemlock, and do not reach into cedar pockets to cut other species. Within the treatment area the cedar is scattered enough to operate around. The proposed north treatment line excludes a thick patch of cedar. The south line may be able to be expanded further south depending on ground conditions. Winter cut Dec. 1- Mar. 31 to provide tops for foraging deer. Will needs specs to protect the snowmobile trail</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Aspen, maple, yellow and paper birch, balsam fir, white spruce, black spruce, cedar, hemlock, and white pine.</p> <p><u>Regen:</u></p> <p><u>Other</u> Winter cut Dec. 1- Mar. 31 to provide tops for foraging deer. Will needs specs to protect the snowmobile trail</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2019</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>48</b>	<b>45144048-21-New</b>	7.1	6122 - Black Spruce	Poletimber Well	88	111-140	Harvest	Clearcut with Retention	6122 - Black Spruce	Even-Aged	No
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Prescription Specs: Cut all deciduous trees over 4" and conifers over 2". Retain all cedar and hemlock, and white pine over 14" dbh as well as any closed canopy cover areas. No chipping will be allowed and sale operations are restricted to December 1 to April 1 unless changed by written agreement because of deer yard.

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

Acceptable Regen: black spruce, cedar, white pine, aspen

Other Comment: Acreage may change based on the ground conditions.

Site Condition

Proposed Start Date: 10/1 /2022

<b>50</b>	<b>45144050-Cut</b>	2.0	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	108	81-110	Harvest	Clearcut	4199 - Other Mixed Upland Deciduous	Even-Aged	No
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Prescription Specs: Clearcut all conifers down to 4" and deciduous down to 2". Retain white pine, cedar, hemlock and yellow birch within treatment area. No chipping will be allowed and sale operations are restricted to December 1 to April 1 unless changed by written agreement because of deer yard.

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

Acceptable Regen: maple, aspen, balsam fir, white pine, cedar, hemlock, yellow birch

Other Comment: Clearcut due to small acreage. Part of Seven Bridges Mix 45-110-10-01 that was never cut.

Site Condition

Proposed Start Date: 10/1 /2022

<b>59</b>	<b>45144059-Cut</b>	28.1	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	82	81-110	Harvest	Clearcut with Retention	4199 - Other Mixed Upland Deciduous	Even-Aged	No
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Prescription Specs: Cut all deciduous trees over 4" and conifers over 2". Retain white pine, cedar, hemlock and yellow birch within treatment area. No chipping will be allowed and sale operations are restricted to December 1 to April 1 unless changed by written agreement because of deer yard. Use retention pockets.

Next Step Treatments: Monitoring, Natural Regen (Intermediate)

Acceptable Regen: red maple, birch, aspen, fir, spruce

Other Comment: Access from east via pipeline or west via stand 6 comp 143 and portable bridge at 46.07862421 -85.25926466 or pipeline to west with portable bridge put in over Davenport Creek. Was part of Seven Bridges Mix 45-110-10-01 that was never cut. Old treatment lines may still be visible.

Site Condition

Proposed Start Date: 10/1 /2022



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
<b>60 45144060-Cut</b>	5.1	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	82	51-80	Harvest	Clearcut	4191 - Mixed Upland Deciduous with Conifer	Even-Aged	No
<p><u>Prescription</u> Cut all deciduous trees over 4" and conifers over 2". Retain white pine, cedar, hemlock and yellow birch within treatment area. No chipping</p> <p><u>Specs:</u> will be allowed and sale operations are restricted to December 1 to April 1 unless changed by written agreement because of deer yard. Clearcut due to small acreage.</p> <p><u>Next Step</u> Monitoring, Natural Regen (Intermediate)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> birch, aspen, spruce, fir, maple</p> <p><u>Regen:</u></p> <p><u>Other</u> Was part of Seven Bridges Mix 45-110-10-01 that was never cut. Old treatment lines may still be visible.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2022</p>										
<b>66 45144066-Cut</b>	4.6	4191 - Mixed Upland Deciduous with Conifer	Poletimber Medium	88	81-110	Harvest	Clearcut with Retention	4199 - Other Mixed Upland Deciduous	Even-Aged	No
<p><u>Prescription</u> Clearcut with reserves following the retention guidelines. No chipping will be allowed and sale operations are restricted to December 15 to</p> <p><u>Specs:</u> April 1 unless changed by written agreement because of deer yard.</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> red maple, balsam fir, paper birch</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 /2022</p>										
<b>68 45144068-Cut</b>	18.2	6122 - Black Spruce	Sawtimber Well	88	111-140	Harvest	Clearcut with Retention	6122 - Black Spruce	Even-Aged	No
<p><u>Prescription</u> Cut all deciduous trees over 4" and conifers over 2". Retain white pine over 14" dbh, any cedar, and closed canopy areas that provide cover</p> <p><u>Specs:</u> for wintering deer. No chipping will be allowed and sale operations are restricted to December 1 to April 1 unless changed by written agreement because of deer yard.</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> black spruce, white pine, paper birch, balsam fir</p> <p><u>Regen:</u></p> <p><u>Other</u> Acreage may change based on the ground conditions.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2022</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>69</b>	<b>45144069-Cut</b>	15.8	6122 - Black Spruce	Poletimber Medium	100	51-80	Harvest	Clearcut with Retention	6122 - Black Spruce	Even-Aged	No
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Prescription Cut all deciduous trees over 4" and conifers over 2". Retain cedar, white pine over 14" dbh, and closed canopy areas that provide cover for wintering deer. No chipping will be allowed and sale operations are restricted to December 1 to April 1 unless changed by written agreement because of deer yard.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable black spruce, white pine, balsam fir, red maple, paper birch

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2022

<b>71</b>	<b>45144071-Cut</b>	32.7	4193 - Birch, Aspen	Sawtimber Well	84	81-110	Harvest	Clearcut with Retention	4193 - Birch, Aspen	Even-Aged	No
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Prescription Clearcut with reserves following the retention guideline. Retain patch or patches of greater than 1 acres for the treatment area and leave conifer 4" and smaller on the site. Some paper birch and white pine should be retained for seed trees and future snags. sale operations are restricted to December 1 to April 1 unless changed by written agreement because of deer yard.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable aspen, maple, cherry, cedar, yellow and paper birch, balsam fir, white spruce, black spruce, white pine

Regen:

Other

Comment: Harvest with stand 16 in compartment 140. Old next step comments: Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is aspen, maple, cherry, cedar, yellow and paper birch, balsam fir, white spruce, black spruce and white pine.

Site Condition

Proposed Start Date: 10/1 /2022

<b>77</b>	<b>45144077-Cut</b>	8.5	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	92	81-110	Harvest	Clearcut	4191 - Mixed Upland Deciduous with Conifer	Even-Aged	No
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Prescription Cut all deciduous trees over 4" and conifers over 2". Retain white pine, cedar, hemlock and yellow birch within treatment area. No chipping will be allowed and sale operations are restricted to December 1 to April 1 unless changed by written agreement because of deer yard. Clearcut due to small acreage.

Next Step Monitoring, Natural Regen (Intermediate)

Treatments:

Acceptable birch, aspen, red maple, spruce, balsam fir

Regen:

Other

Comment: Was part of Seven Bridges Mix 45-110-10-01 that was never cut. Old treatment lines may still be visible.

Site Condition

Proposed Start Date: 10/1 /2022





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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78	45144078-Cut	35.2	6122 - Black Spruce	Poletimber Well	88	111-140	Harvest	Clearcut with Retention	6122 - Black Spruce	Even-Aged	No
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Prescription Cut all deciduous trees over 4" and conifers over 2". Retain all cedar, & white pine over 14" dbh, and areas that provide closed canopy cover for wintering deer. No chipping will be allowed and sale operations are restricted to December 1 to April 1 unless changed by written agreement because of deer yard.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable black spruce, white pine, cedar, paper birch

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2022

81	45144081-Cut	10.4	6122 - Black Spruce	Poletimber Well	108	111-140	Harvest	Clearcut with Retention	6122 - Black Spruce	Even-Aged	No
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Prescription Cut all deciduous trees over 4" and conifers over 2". Retain white pine over 14" dbh and all cedar. No chipping will be allowed and sale operations are restricted to December 1 to April 1 unless changed by written agreement because of deer yard.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable black spruce, paper birch, red maple, cedar, white pine, balsam fir

Regen:

Other

Comment:

Actual acreage may vary due to topography and wet bog areas that will need to be excluded. These areas will be retention.

Site Condition

Proposed Start Date: 10/1 /2022

86	45144086-Cut	40.7	4319 - Mixed Upland Forest	Sawtimber Well	92	111-140	Harvest	Clearcut with Retention	4319 - Mixed Upland Forest	Even-Aged	No
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Prescription Cut all deciduous trees over 4" and conifers over 2". Retain white pine, cedar, hemlock and yellow birch within treatment area. No chipping will be allowed and sale operations are restricted to December 1 to April 1 unless changed by written agreement because of deer yard. Use retention pockets.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable red maple, birch, balsam fir, aspen, spruce

Regen:

Other

Comment:

Was part of Seven Bridges Mix 45-110-10-01 that was never cut. Old treatment lines may still be visible.

Site Condition

Proposed Start Date: 10/1 /2022

89	45144089-Cut	5.8	6122 - Black Spruce	Poletimber Well	88	111-140	Harvest	Clearcut with Retention	6122 - Black Spruce	Even-Aged	No
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Prescription Cut all deciduous trees over 4" and conifers over 2". Retain white pine over 14" dbh, any cedar and hemlock, and any areas that provide closed canopy cover for wintering deer. No chipping will be allowed and sale operations are restricted to December 1 to April 1 unless changed by written agreement because of deer yard.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable black spruce, white pine, red maple, paper birch

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2022



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
<b>92 45144092-Cut</b>	13.3	4319 - Mixed Upland Forest	Poletimber Well	102	81-110	Harvest	Clearcut with Retention	4319 - Mixed Upland Forest	Even-Aged	No
<p><u>Prescription</u> Cut all deciduous trees over 4" and conifers over 2". Retain white pine, cedar, hemlock and yellow birch within treatment area. No chipping will be allowed and sale operations are restricted to December 1 to April 1 unless changed by written agreement because of deer yard. Retention will be the lower southwest part of the stand. Create brush piles through normal processing operations if possible, particularly near low conifer cover in adjacent stands, to benefit hare.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> birch, aspen, red maple, balsam fir, spruce</p> <p><u>Regen:</u></p> <p><u>Other</u> Was part of Seven Bridges Mix 45-110-10-01 that was never cut. Old treatment lines may still be visible.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2022</p>										
<b>94 45144094-Cut</b>	7.2	4319 - Mixed Upland Forest	Poletimber Well	102	81-110	Harvest	Clearcut	4319 - Mixed Upland Forest	Even-Aged	No
<p><u>Prescription</u> Cut all deciduous trees over 4" and conifers over 2". Retain white pine, cedar, hemlock and yellow birch within treatment area. No chipping will be allowed and sale operations are restricted to December 1 to April 1 unless changed by written agreement because of deer yard. Clearcut due to small acreage.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> birch, aspen, red maple, balsam fir, spruce</p> <p><u>Regen:</u></p> <p><u>Other</u> Was part of Seven Bridges Mix 45-110-10-01 that was never cut. Old treatment lines may still be visible.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2022</p>										

**Total Treatment Acreage Proposed: 321.2**

## Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit  
Amy Livermore : Examiner

Compartment: 144  
Year of Entry: 2023

### Availability for Management

Total Acres	Acres Available	Acres <i>Acres Avail</i> With Condition	Acres Not Available
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### Dominant Site Conditions

	Total Acres	Acres Available	Acres <i>Acres Avail</i> With Condition	Acres Not Available	Dominant Site Conditions					
					5C	2G	2H	3H	3J	5D
335	326	0	9	Aspen		0			9	
199	0	0	199	Cedar				188	11	
7	7	0	0	Herbaceous Openland						
18	18	0	0	Low-Density Trees						
22	22	0	0	Lowland Aspen/Balsam Poplar		0				
112	10	0	102	Lowland Conifers		30			14	57
55	0	0	55	Lowland Deciduous		7	48			
71	71	0	0	Lowland Mixed Forest						
311	278	0	33	Lowland Shrub		0	0	0	33	
142	94	48	0	Lowland Spruce/Fir	48			0		
37	37	0	0	Marsh		0				
103	81	0	21	Mixed Upland Deciduous			21			
95	91	0	3	Northern Hardwood					3	
38	33	0	5	Paper Birch					5	
36	36	0	0	Red Pine						
152	152	0	0	Upland Conifers						
121	118	0	3	Upland Mixed Forest					3	
66	63	0	3	Upland Spruce/Fir					3	
1,919	1,438	48	433	Total Forested Acres	48	37	69	188	81	57
	75%	3%	23%	Relative Percent						

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

Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable	5D: Unproductive Forest Land	57	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

## Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Compartment: 144

Amy Livermore : Examiner

Year of Entry: 2023

2	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	56	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
3	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	8	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
4	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	4	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
5	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	11	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
6	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	56	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
7	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	13	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

## Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Compartment: 144

Amy Livermore : Examiner

Year of Entry: 2023

8	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	30	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
9	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	44	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
10	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	22	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
11	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	6	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
12	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	3	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
13	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	3	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

## Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Compartment: 144

Amy Livermore : Examiner

Year of Entry: 2023

14	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	3	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
15	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	2	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
16	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	11	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
17	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	7	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
18	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	10	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
19	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	10	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

## Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Compartment: 144

Amy Livermore : Examiner

Year of Entry: 2023

20	<b>Unavailable</b>	<b>3H: Deer Wintering Area - habitat is incompatible with harvest at this time</b>	68	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
21	<b>Unavailable</b>	<b>3H: Deer Wintering Area - habitat is incompatible with harvest at this time</b>	10	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
22	<b>Available</b>	<b>5C: Delay treatment for age/size class diversity or exceptional site quality</b>	48	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	Cold Water Lake	A coldwater lake has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species to persist from year to year. Suitable conditions for coldwater fishes may occur in Michigan lakes if they are relatively deep, have substantial groundwater inflows, or are located in colder (northern) areas of the state. Such lakes are established by Director's action and designated as trout resources by Fisheries Order 200.
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species (e.g., slimy sculpin) to persist from year to year. Coldwater streams in Michigan typically provide these conditions due to substantial contributions of groundwater to their stream flows. Such streams are established by Director's action and designated as trout resources by Fisheries Order 210.
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.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																				
1	6120 - Lowland Cedar	Poletimber Well	10.5	131	111-140	N/A	Very wet stand with Hog Island creek flowing along it. Heavy deer use and very thick cedar. Areas of the stand are more like C3 than a C6 stand. Still very thick cedar within the stand.																																																				
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2	42340 - Upland Spruce/Fir	Poletimber Medium	19.6	32	1-50	N/A																																																					
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3	6223 - Inundated Shrub Swamp	Nonstocked	11.1	0		No																																																					
4	6120 - Lowland Cedar	Sawtimber Well	9.8	140	111-140	N/A	Cedar patch between the lowland shrub areas.																																																				
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5	42340 - Upland Spruce/Fir	Sapling Well	17.3	24	Immature	N/A	Aspen with balsam and spruce and some paper birch. Deer slowed the growth. Buffer left along east side of stand.																																																				
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6	6139 - Mixed Lowland Forest	Sawtimber Well	29.0	106	81-110	N/A	Areas of mixed species and heavy spagnum areas with small ridges. Very variable stand with areas of heavy conifer.																																																				
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8	42340 - Upland Spruce/Fir	Sapling Well	20.2	32	Immature	N/A	Mixed aspen - spruce fir stand. Areas are heavier to spruce and fir with some wet areas.																																																								
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9	6120 - Lowland Cedar	Poletimber Well	11.0	106	51-80	N/A	Very wet along the stream. Parts have been flooded out to the south. Stream flows through the stand.																																																								
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10	6124 - Lowland Spruce-Fir	Sapling Medium	5.1	21	Immature	N/A																																																									
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11	622 - Lowland Shrub	Nonstocked	16.9		Unspecified	No	Stand has been flooded out on multiple occasions. Lots of dead standing cedar.																																																								
12	622 - Lowland Shrub	Nonstocked	8.2			No																																																									
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14	4134 - Aspen, Spruce/Fir	Poletimber Well	34.7	34	51-80	N/A																																																									
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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**15** 310 - Herbaceous Openland Nonstocked 6.7 Unspecified No Enbridge Pipeline ROW

**16** 6128 - Lowland Coniferous, Mixed Deciduous Poletimber Well 3.9 129 51-80 N/A Creek flows through the stand. Very wet in areas.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	30	Pole	8		Black Spruce	Low	Variable	Sapling
Black Spruce	15	Pole	8					
Red Maple	25	Pole	8					
Northern White Cedar	30	Pole	8	129				

**17** 4130 - Aspen Sapling Well 17.5 17 Immature N/A A few scattered residual trees less than 10 BA (white pine, cedar, hemlock). Some low, wet areas.

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	5	Sapling	3	
Black Cherry	10	Sapling	3	
Quaking Aspen	65	Sapling	3	17
White Spruce	3	Pole	6	
Red Maple	15	Sapling	3	
White Pine	2	Log	15	

**18** 4319 - Mixed Upland Forest Poletimber Well 22.7 43 51-80 N/A Aspen regeneration is 20 to 25' tall with mixed spruce and fir. Where the lower ground is scattered throughout with some cedar in there with tag alder drainage in middle of the stand.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	40	Pole	7	43	Tag Alder	Medium	10 - 20 feet	Tall Shrub
White Spruce	5	Pole	7					
Balsam Fir	25	Pole	7					
Red Maple	10	Pole	7					
Black Spruce	10	Pole	7					
Northern White Cedar	10	Pole	6					

**19** 4134 - Aspen, Spruce/Fir Sawtimber Well 10.5 53 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	60	Log	10	53	Balsam Fir	Medium	Variable	Sapling
White Spruce	10	Pole	8		White Spruce	Medium	Variable	Sapling
Red Maple	20	Pole	8					
Balsam Fir	10	Pole	6					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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**20** 42380 - Non Pine Upland Conifer, Mixed Deciduous Sapling Well 141.5 29 Immature N/A Mix of aspen with Spruce, fir and tamarack where wetter. Large scattered white pine throughout the stand.

Canopy Species	% Cover	Size Class	DBH	Age
White Spruce	10	Sapling/Pole	4	
Balsam Fir	15	Sapling	3	
Red Maple	5	Sapling/Pole	4	
Black Spruce	25	Sapling/Pole	3	
Paper Birch	5	Sapling/Pole	4	
Tamarack	10	Sapling/Pole	4	
Quaking Aspen	25	Sapling/Pole	4	29
White Pine	5	XLog/Log	18	

**21** 4134 - Aspen, Spruce/Fir Sapling Well 4.7 17 Immature N/A Good regeneration. Some patches of nearly pure Aspen in stand.

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	20	Sapling	3	
White Spruce	15	Sapling	4	
Quaking Aspen	40	Sapling	3	17
Red Maple	20	Sapling	4	
Black Cherry	5	Sapling	3	

**22** 4119 - Mixed Northern Hardwoods Sawtimber Well 8.5 86 111-140 N/A Rolling terrain.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Beech	1	Log	12		Sugar Maple	Low	Variable	Sapling
Yellow Birch	8	Log	12		White Spruce	Low	Variable	Sapling
White Pine	5	Log/XLog	16		Red Maple	Low	Variable	Sapling
Sugar Maple	15	Log	14		Balsam Fir	Medium	Variable	Sapling
Balsam Fir	6	Pole	8		Beech	Low	Variable	Sapling
Red Maple	60	Log	14	86				
White Spruce	5	Log	10					

**23** 4134 - Aspen, Spruce/Fir Poletimber Well 16.6 44 81-110 N/A A variety of tree sizes and species. Between Hog Island Rd & Davenport Creek.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	3	Log	10		Balsam Fir	High	Variable	Sapling
White Spruce	15	Pole	8		White Spruce	Medium	Variable	Sapling
Red Maple	10	Log/Pole	10		Red Maple	Low	Variable	Sapling
Balsam Fir	10	Pole	8					
Quaking Aspen	50	Pole	8	44				
Northern White Cedar	2	Pole	8					
Bigtooth Aspen	10	Log	10					

**24** 629 - Mixed non-forested wetland Nonstocked 3.8 Unspecified No Enbridge Pipeline ROW



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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<b>25</b>	6124 - Lowland Spruce-Fir	Sawtimber Well	13.7	66	51-80	N/A	Davenport Creek and seasonal drainages within stand. Snowmobile trail and Hog Island Rd through stand. Upland and lowland areas.
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Quaking Aspen		20	Log	12		White Spruce	
White Pine		5	Log	14		Medium	
Paper Birch		5	Log	11		Variable	
Northern White Cedar		5	Pole	8		High	
Balsam Fir		20	Log	10		Variable	
Bigtooth Aspen		5	Log	10		Sapling	
Red Maple		10	Log	12			
White Spruce		30	Log	12	66		

<b>26</b>	6112 - Lowland Aspen	Poletimber Well	8.9	32	1-50	N/A	Mixed lowland stand cut in 1990.
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Quaking Aspen		60	Pole	6	32	Tag Alder	
White Spruce		10	Pole	7		High	
Balsam Fir		10	Pole/Sapling	5		5 - 10 feet	
Red Maple		10	Pole	5		Tall Shrub	
Northern White Cedar		10	Pole	9			

<b>27</b>	622 - Lowland Shrub	Nonstocked	31.5			No	Davenport Creek flows thru the stand.
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<b>28</b>	6118 - Lowland Deciduous with Cedar	Poletimber Medium	6.9	93	51-80	N/A	Stand is very wet and stocking is moderate to poor.
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Quaking Aspen		20	Log	10		Balsam Fir	
Paper Birch		40	Pole	9	93	Low	
Northern White Cedar		30	Pole	6		5 - 10 feet	
White Spruce		10	Pole	6		Sapling	

<b>29</b>	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	33.0	33	Immature	N/A	Good mix of species. Wet in areas.
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Quaking Aspen		35	Pole/Sapling	5	33	Red Maple	
White Pine		10	Pole/Log	9		Low	
Paper Birch		15	Sapling	3		Variable	
Black Cherry		5	Sapling	4		Sapling	
Red Maple		10	Sapling	4			
White Spruce		10	Pole	6			
Balsam Fir		15	Pole	6			



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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**30** 4134 - Aspen, Spruce/Fir Sapling Well 14.7 18 Immature N/A Good regeneration

Canopy Species	% Cover	Size Class	DBH	Age
Bigtooth Aspen	5	Sapling	3	
Quaking Aspen	50	Sapling	3	18
Black Cherry	5	Sapling	3	
Yellow Birch	2	Pole	9	
White Spruce	9	Sapling	3	
Red Maple	15	Sapling	3	
Balsam Fir	14	Sapling	3	

**31** 4112 - Maple, Beech, Cherry Association Sawtimber Well 35.1 91 111-140 N/A

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	50	Log/XLog	14	91
White Pine	5	XLog/Log	20	
Red Maple	34	Log/Pole	12	
Hemlock	5	Log	12	
Yellow Birch	5	Log	12	
Beech	1	Log	12	

Sub-Canopy Species	Density	Avg. Height	Size
White Spruce	Low	Variable	Sapling
Beech	High	10 - 20 feet	Sapling
Balsam Fir	Medium	Variable	Sapling
Sugar Maple	High	10 - 20 feet	Sapling

**32** 42340 - Upland Spruce/Fir Poletimber Well 8.7 59 81-110 N/A Snowmobile trail in stand.

Canopy Species	% Cover	Size Class	DBH	Age
White Spruce	30	Pole	8	59
Quaking Aspen	15	Pole	8	
Balsam Fir	40	Pole	9	59
Red Maple	10	Log	12	
Black Cherry	5	Pole	8	

Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	Medium	Variable	Sapling
Balsam Fir	High	Variable	Sapling
Red Maple	Medium	Variable	Sapling
White Spruce	Medium	Variable	Sapling

**33** 4134 - Aspen, Spruce/Fir Poletimber Well 27.5 42 51-80 N/A Nice aspen stand along Davenport Creek.

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	15	Pole	7	
Bigtooth Aspen	5	Pole	8	
Red Maple	5	Pole	8	
Quaking Aspen	40	Pole	7	42
Black Cherry	10	Pole	7	
Paper Birch	10	Pole	8	
White Spruce	15	Pole	7	

Sub-Canopy Species	Density	Avg. Height	Size
Hazelnut (Beaked)	Low	5 - 10 feet	Tall Shrub



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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**34** 4130 - Aspen Sapling Well 42.1 26 Immature N/A There are several vernal ponds throughout.

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	5	Sapling	3	
Bigtooth Aspen	5	Sapling	3	
Black Cherry	15	Sapling	4	
Quaking Aspen	55	Sapling	3	26
Hemlock	5	Pole	8	
Red Maple	10	Sapling	3	
White Pine	5	Pole	8	

**35** 4112 - Maple, Beech, Cherry Association Sawtimber Well 4.2 100 81-110 N/A Thinned in 2004 on 10 Year After Sale. Deer browse on the shoots.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Yellow Birch	5	Log	11		Balsam Fir	Low	Variable	Sapling
Paper Birch	5	Log	10		Red Maple	Low	Variable	Sapling
Beech	1	Pole	8					
Red Maple	70	Log	12	100				
Sugar Maple	19	Log	13					

**36** 4134 - Aspen, Spruce/Fir Sapling Well 23.4 18 Immature N/A Good regeneration.

Canopy Species	% Cover	Size Class	DBH	Age
Bigtooth Aspen	5	Sapling	3	
Red Maple	20	Sapling	3	
White Spruce	7	Sapling	4	
Quaking Aspen	45	Sapling	3	18
Black Cherry	8	Sapling	3	
Balsam Fir	15	Sapling	3	

**37** 4130 - Aspen Sapling Well 7.9 23 Immature N/A Snowmobile trail through stand.

Canopy Species	% Cover	Size Class	DBH	Age
Black Cherry	10	Sapling	2	
Quaking Aspen	75	Sapling	4	23
Bigtooth Aspen	10	Sapling	3	
Red Maple	5	Sapling	3	





Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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**38** 4136 - Aspen, Mixed Conifer Sapling Well 14.3 17 Immature N/A Dense A3/ M3/ F3 mix.

Canopy Species	% Cover	Size Class	DBH	Age
Beech	5	Sapling	3	
White Spruce	5	Sapling	3	
Yellow Birch	5	Pole	9	
Balsam Fir	5	Sapling	3	
Black Cherry	10	Sapling	3	
Quaking Aspen	35	Sapling	4	17
White Pine	5	Log	12	
Red Maple	15	Sapling/Pole	3	
Bigtooth Aspen	10	Sapling	3	
Hemlock	5	Log	12	

**39** 629 - Mixed non-forested wetland Nonstocked 11.1 No Enbridge Pipeline ROW

**40** 6128 - Lowland Coniferous, Mixed Deciduous Poletimber Well 31.8 100 51-80 N/A Mixed cedar, birch, balsam and spruce stand. Very wet in areas with seeps.

Canopy Species	% Cover	Size Class	DBH	Age
Paper Birch	15	Pole	8	
Black Spruce	5	Pole	7	
Bigtooth Aspen	10	Pole	8	
Northern White Cedar	30	Pole	8	100
Red Maple	5	Pole	8	
White Spruce	10	Pole	8	
Balsam Fir	20	Pole	7	
White Pine	5	Pole	9	

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

**41** 429 - Mixed Upland Conifers Poletimber Medium 10.2 81 1-50 N/A Shelterwood cut in 2005 resulting in a two-aged stand. Low, wet areas within the stand.

Canopy Species	% Cover	Size Class	DBH	Age
White Pine	15	Log/Pole	12	
Northern White Cedar	5	Pole	8	
Red Maple	20	Pole	8	
Hemlock	40	Log/Pole	12	81
Yellow Birch	20	Pole	8	

Sub-Canopy Species	Density	Avg. Height	Size
Yellow Birch	Low	< 5 feet	Sapling
Red Maple	High	5 - 10 feet	Sapling
White Spruce	Medium	5 - 10 feet	Sapling
Balsam Fir	Medium	Variable	Sapling
Quaking Aspen	High	5 - 10 feet	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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<b>42</b>	4319 - Mixed Upland Forest	Poletimber Well	30.9	93	111-140	N/A	Ridge in the swamp. Some wet areas.
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Canopy Species	% Cover	Size Class	DBH	Age
Bigtooth Aspen	10	Pole	8	
Quaking Aspen	15	Pole	8	
White Pine	15	Pole/Log	9	
Black Spruce	20	Pole	7	
Paper Birch	30	Pole	9	93
Northern White Cedar	10	Pole	8	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Low	Variable	Sapling
Black Spruce	Low	Variable	Sapling

<b>43</b>	4139 - Aspen, Mixed Deciduous	Sapling Well	74.3	16	Immature	N/A	Residual hemlock, white pine, cedar. Some low, wet areas.
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Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	40	Sapling	3	16
Hemlock	5	Log	10	
Bigtooth Aspen	5	Sapling	3	
Black Cherry	20	Sapling	3	
Balsam Fir	5	Sapling	3	
Red Maple	20	Sapling	3	
White Pine	5	Log	12	

<b>44</b>	4116 - Mixed N. Hardwood - Aspen	Sapling Well	46.8	23	Immature	N/A	Mainly cherry with aspen. Small grassy opening along road in stand. Troll fire burned through the stand in May of 1999. White pine was underplanted in stand in 2000 as MSU experiment in west part of stand.
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Canopy Species	% Cover	Size Class	DBH	Age
Black Cherry	60	Sapling	3	23
Quaking Aspen	25	Sapling	4	
White Pine	5	Sapling	4	
Red Maple	10	Sapling	3	

Sub-Canopy Species	Density	Avg. Height	Size
Red Osier Dogwood	Medium	5 - 10 feet	Tall Shrub

<b>46</b>	622 - Lowland Shrub	Nonstocked	11.3			No	
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<b>47</b>	623 - Emergent Wetland	Nonstocked	1.8			No	
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<b>48</b>	6122 - Black Spruce	Poletimber Well	55.3	88	111-140	N/A	some sbw kill
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Canopy Species	% Cover	Size Class	DBH	Age
White Pine	5	Log	13	
Black Spruce	80	Pole	8	88
Balsam Poplar	10	Pole	9	
Northern White Cedar	5	Pole	9	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Low	Variable	Sapling
Black Spruce	Low	Variable	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
49	6120 - Lowland Cedar	Poletimber Well	9.8	88	81-110	N/A	Lots of water.
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Balsam Fir		3	Pole	7		Tag Alder	
Northern White Cedar		80	Pole	8	88	Low	
Black Spruce		15	Pole	7		10 - 20 feet	
Paper Birch		2	Pole	8		Tall Shrub	
50	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	2.0	108	81-110	N/A	Part of Seven Bridges Mix 45-110-10-01 that was never cut.
<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	Pole	7		Balsam Fir	
Paper Birch		40	Pole	9	108	Low	
White Pine		10	Log	15		Variable	
White Spruce		15	Pole	7		Sapling	
Red Maple		20	Pole	9		Sapling	
Northern White Cedar		5	Pole	8		Sapling	
51	6132 - Mixed Lowland Forest with Cedar	Sawtimber Well	22.5	76	111-140	N/A	Wet areas throughout and deer trails.
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Paper Birch		20	Pole	9		Black Spruce	
Northern White Cedar		20	Log/Pole	10		Medium	
Quaking Aspen		10	Log	14		Variable	
White Pine		5	Log	14		Sapling	
Balsam Fir		5	Pole	7		Sapling	
Red Maple		15	Log	13		Sapling	
Black Spruce		25	Pole	8	76	Sapling	
52	6120 - Lowland Cedar	Poletimber Well	7.8	151	141-170	N/A	Standing water with tag alder in open spots. Very thick and lots of cedar falling down.
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Northern White Cedar		100	Pole/Log	9	151	Tag Alder	
						Low	
						5 - 10 feet	
						Tall Shrub	
						Sapling	
53	6132 - Mixed Lowland Forest with Cedar	Poletimber Well	6.3	76	111-140	N/A	
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Balsam Fir		5	Pole/Sapling	6		Red Maple	
Red Maple		15	Pole/Log	8		Low	
Black Spruce		25	Pole	8	76	Variable	
Paper Birch		20	Pole	8		Sapling	
Northern White Cedar		20	Pole	7		Sapling	
Quaking Aspen		10	Log/Pole	10		Sapling	
White Pine		5	Log/Pole	12		Sapling	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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**54**      6112 - Lowland Aspen      Sapling Well      13.3      23      Immature      N/A      Low, wet ground.

Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	70	Sapling	3	23
Black Spruce	5	Sapling	3	
Balsam Fir	5	Sapling	3	
Red Maple	15	Sapling	3	
Black Cherry	5	Sapling	3	

**55**      4130 - Aspen      Sapling Well      22.4      24      Immature      N/A      Residual white pine, hemlock and cedar less than 10 BA.

Canopy Species	% Cover	Size Class	DBH	Age
White Spruce	2	Sapling	3	
Balsam Fir	2	Sapling	3	
Black Cherry	14	Sapling	3	
Quaking Aspen	65	Sapling	3	24
Hemlock	2	Log	11	
Red Maple	10	Sapling	3	
White Pine	5	Log	15	

**56**      6120 - Lowland Cedar      Poletimber Medium      67.9      117      81-110      N/A

Canopy Species	% Cover	Size Class	DBH	Age
Black Spruce	30	Pole	8	
Quaking Aspen	5	Pole	6	
Northern White Cedar	65	Pole	7	117

**57**      6124 - Lowland Spruce-Fir      Sapling Medium      57.2      82      51-80      N/A

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	10	Sapling	4	
Black Spruce	45	Sapling/Pole	4	82
Northern White Cedar	40	Sapling	3	
Paper Birch	5	Pole	8	

**58**      42110 - Planted Red Pine      Sapling Well      36.3      23      Immature      N/A

Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	1	Sapling	2	
Red Pine	97	Sapling	4	23
Black Cherry	1	Sapling	2	
Red Maple	1	Sapling	2	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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**59** 4191 - Mixed Upland Deciduous with Conifer Sawtimber Well 28.1 82 81-110 N/A Was part of Seven Bridges Mix 45-110-10-01 that was never cut. Old treatment lines may still be visible.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	20	Pole	7		White Spruce	Low	Variable	Sapling
Quaking Aspen	20	Log	10		Balsam Fir	Medium	Variable	Sapling
Paper Birch	35	Log	10	82				
Black Spruce	5	Pole	7					
Red Maple	10	Pole	8					
White Spruce	10	Pole	7					

**60** 4191 - Mixed Upland Deciduous with Conifer Poletimber Well 5.1 82 51-80 N/A Part of Seven Bridges Mix 45-110-10-01 that was never cut.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	20	Pole	7		White Spruce	Low	Variable	Sapling
Quaking Aspen	20	Pole	8		Balsam Fir	Medium	Variable	Sapling
Paper Birch	35	Pole/Log	9	82				
Black Spruce	5	Pole	7					
Red Maple	10	Pole	8					
White Spruce	10	Pole	7					

**61** 6130 - Fir, Aspen, Maple Sapling Well 12.8 5 Immature N/A Stand was cut in the winter of 2017. Log size white pine and cedar poles retained from harvest.

Canopy Species	% Cover	Size Class	DBH	Age
White Spruce	30	Sapling	1	
White Pine	5	XLog/Log	20	
Balsam Fir	10	Sapling	1	
Red Maple	50	Sapling	1	5
Northern White Cedar	5	Log	10	

**62** 623 - Emergent Wetland Nonstocked 14.6 No

**63** 6120 - Lowland Cedar Poletimber Well 6.4 85 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Northern White Cedar	90	Pole	8	85	Tag Alder	Low	5 - 10 feet	Tall Shrub
Paper Birch	10	Pole	8					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																													
<b>64</b>	4130 - Aspen	Sapling Well	24.9	23	Immature	N/A	Was burned in Troll Fire 1999																																													
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White Pine	5	Log	12																																																	
<b>65</b>	623 - Emergent Wetland	Nonstocked	16.8			No																																														
<b>66</b>	4191 - Mixed Upland Deciduous with Conifer	Poletimber Medium	4.6	88	81-110	N/A																																														
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<b>67</b>	622 - Lowland Shrub	Nonstocked	9.6			No																																														
<b>68</b>	6122 - Black Spruce	Sawtimber Well	18.2	88	111-140	N/A																																														
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<b>69</b>	6122 - Black Spruce	Poletimber Medium	15.8	100	51-80	N/A																																														
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Red Maple	2	Pole	6																																																	
Balsam Fir	10	Pole	7																																																	
<b>70</b>	629 - Mixed non-forested wetland	Nonstocked	14.1		Unspecified	No	Great Lakes Gas Pipeline ROW																																													



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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<b>71</b>	4193 - Birch, Aspen	Sawtimber Well	32.8	84	81-110	N/A	Part of stand 16 in compartment 140.
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Balsam Fir		10	Pole	7		Balsam Fir	
Paper Birch		40	Log/Pole	10	84	Medium	
White Pine		2	Log/XLog	15		Variable	
Bigtooth Aspen		23	Log/Pole	10		Sapling	
Red Maple		23	Log/Pole	10			
White Spruce		2	Pole	8			

<b>74</b>	6120 - Lowland Cedar	Sawtimber Well	22.1	162	81-110	N/A	Poor quality cedar stand
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>		
Northern White Cedar		90	Log/Pole	10	162		
Black Spruce		10	Pole	8			

<b>75</b>	4193 - Birch, Aspen	Poletimber Well	5.2	88	81-110	N/A	Ridge in the swamp
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Quaking Aspen		22	Pole/Log	9		Balsam Fir	
Balsam Fir		10	Pole	8		High	
Paper Birch		40	Pole/Log	9	88	Variable	
Red Maple		20	Pole/Log	9		Sapling	
White Spruce		8	Pole	8			

<b>76</b>	6120 - Lowland Cedar	Sawtimber Well	43.7	162	111-140	N/A	
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Balsam Fir		5	Pole	8		Black Spruce	
Black Spruce		10	Pole	8		Low	
Yellow Birch		5	Pole/Log	9		Variable	
Northern White Cedar		80	Log/Pole	10	162	Sapling	

<b>77</b>	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	8.5	92	81-110	N/A	Part of Seven Bridges Mix Sale 45-110-10-01 that did not get cut.
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Balsam Fir		10	Pole	7		Red Maple	
Paper Birch		20	Pole	9		Low	
Black Spruce		15	Pole	8		Variable	
Red Maple		35	Pole	9	92	Sapling	
White Spruce		10	Pole	8		Sapling	
Bigtooth Aspen		10	Pole	8		Sapling	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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<b>78</b>	6122 - Black Spruce	Poletimber Well	35.2	88	111-140	N/A	
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Black Spruce		65	Pole	8	88	Black Spruce	
White Pine		25	Log/Pole	12		Low	
Paper Birch		10	Pole	8		Variable	
						Sapling	

<b>79</b>	622 - Lowland Shrub	Nonstocked	35.5			No	
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<b>80</b>	6120 - Lowland Cedar	Poletimber Well	10.2	133	81-110	N/A	Part of stand 14 in comp 140.
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Balsam Fir		6	Pole	7		Northern White Cedar	
Paper Birch		8	Pole	8		Low	
White Pine		2	Pole	9		Variable	
Black Spruce		25	Pole	7		Sapling	
Red Maple		3	Pole/Log	8		Black Spruce	
Northern White Cedar		56	Pole/Log	8	133	Medium	
						Variable	
						Sapling	

<b>81</b>	6122 - Black Spruce	Poletimber Well	10.4	108	111-140	N/A	Some bog areas within the stand.
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Quaking Aspen		5	Pole	9		Balsam Fir	
White Pine		5	Pole	8		Medium	
Balsam Fir		12	Pole	7		Variable	
Paper Birch		5	Pole	9		Sapling	
Red Maple		8	Pole	8		Black Spruce	
Northern White Cedar		5	Pole	9		Medium	
Black Spruce		60	Pole	8	108	Variable	
						Sapling	

<b>82</b>	622 - Lowland Shrub	Nonstocked	48.0			No	
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<b>86</b>	4319 - Mixed Upland Forest	Sawtimber Well	40.7	92	111-140	N/A	Part of Seven Bridge Mix sale 45-110-10-01 that was not cut
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Bigtooth Aspen		15	Log	10		Balsam Fir	
Balsam Fir		20	Pole	7		Low	
Paper Birch		20	Log	10		Variable	
Black Spruce		15	Pole	8		Sapling	
Red Maple		20	Log	12	92	White Spruce	
White Spruce		10	Pole	8		Low	
						Variable	
						Sapling	





Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																		
89	6122 - Black Spruce	Poletimber Well	5.8	88	111-140	N/A																																																			
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90	629 - Mixed non-forested wetland	Nonstocked	99.0			No																																																			
92	4319 - Mixed Upland Forest	Poletimber Well	19.1	102	81-110	N/A	Part of Seven Bridges Mix 45-110-10-01 that was never cut.																																																		
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93	623 - Emergent Wetland	Nonstocked	4.1			No																																																			
94	4319 - Mixed Upland Forest	Poletimber Well	7.2	102	81-110	N/A	Part of Seven Bridges Mix 45-110-10-01 that was never cut.																																																		
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95	6118 - Lowland Deciduous with Cedar	Sawtimber Well	34.8	102	81-110	N/A	dune & swale complex with wet spots																																																		
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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**96** 6117 - Lowland Deciduous, Mixed Coniferous Sawtimber Well 13.3 102 111-140 N/A

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	10	Pole	8	
Paper Birch	40	Log/Pole	10	102
Red Maple	15	Pole/Log	9	
Northern White Cedar	10	Pole	8	
Bigtooth Aspen	25	Log/Pole	14	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Low	Variable	Sapling
Northern White Cedar	Medium	Variable	Sapling

**97** 6122 - Black Spruce Poletimber Well 1.7 79 141-170 N/A part of stand 18 to the east

Canopy Species	% Cover	Size Class	DBH	Age
Paper Birch	2	Pole	6	
Black Spruce	98	Pole/Sapling	5	79

Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	Medium	Variable	Sapling

**98** 4191 - Mixed Upland Deciduous with Conifer Poletimber Well 21.4 83 81-110 N/A Part of Seven Bridges Mix 45-110-10-01 that was never cut.

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	15	Pole	8	
Red Maple	30	Pole/Log	9	83
White Spruce	10	Pole	8	
Paper Birch	25	Pole/Log	9	
Black Spruce	10	Pole	8	
Bigtooth Aspen	10	Pole/Log	9	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Medium	Variable	Sapling
Red Maple	Low	Variable	Sapling

**99** 330 - Low-Density Trees Nonstocked 18.3 0 Unspecified 613 - Lowland Mixed Forest Stand was cut in the winter of 2017. Scattered mature white pine were left.

Sub-Canopy Species	Density	Avg. Height	Size
White Pine	Low	< 5 feet	Sapling
Black Spruce	Low	< 5 feet	Sapling