



# Compartment Review Presentation

Sault Ste. Marie Forest Management Unit

Compartment 45167

Entry Year 2027

Acreage: 1,651

County: Mackinac

Management Area: St. Ignace Lake Plain

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**Stand Examiner:** Cody Flatt

**Legal Description:**

T44N-R9W Sections 12, 13, 14, 23, 24, Garfield Township

**Identified Planning Goals:**

The compartment is located just south of the Luce/Mackinac County line along Cranberry Lake Road. The compartment consists of the "Cranberry Bog" muskeg, poor and rich conifer swamps, and small upland conifer stands within and adjacent to the muskeg.

**Soil and topography:**

This area ranges from low level bogs (muskeg) and swamp conifer to ridges of spruce and pines scattered throughout the bog (muskeg) complex. The bog (muskeg) type is composed of Dawson and Loxley peats. The swamp conifer is composed of Markey and Carbondale mucks. Level to undulating areas consist of Spot-Finch complex, with higher rolling terrain composed of Paquin-Finch sands; Longrie-Battydoe, stony, complex; and Battydoe, stony-Wallace complex. The ridges along the Hemlock Ridge Road are Finch-Dawson-Pullup complex, and Pullup fine sand.

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

This compartment is comprised of all state land, and is surrounded by state land, private land to the west and north east.

**Unique Natural Features:**

There is a potential for rare threatened or endangered plant and animal species within the compartment. Stands to be managed will be checked for species of concern. Management will be modified per management guidelines for that species if species are found within those stands or would be affected by treatment of the stands.

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

None noted.

**Special Management Designations or Considerations:**

Burning of the large Cranberry Bog (muskeg) has been a continuing ambition.

**Watershed and Fisheries Considerations:**

Poor (north) to Good (south) Fisheries Concerns: The northern portion of the compartment lies in the Eastern Lake Superior Management Unit and contains a wide swath of wetland areas. These don't contain direct fisheries values, however, offer indirect benefits to nearby waters including macroinvertebrate hatches and water supply. Standard BMP's should be considered for treatment occurring near surface water and the wetlands. The southern portion of the headwater reaches of the Black River. The Black River is a designated Type 1 trout stream less than 50-ft wide and has a predicted mean July water temperature of 62.4°F (cold stream). A 300-foot buffer is recommended for the Black River in riparian areas susceptible to Aspen regeneration. For areas not susceptible to Aspen regeneration, a minimum 100-foot, plus 5 feet per 1% increase in slope, buffer is recommended to protect these resources in accordance with Best Management Practices.

**Wildlife Habitat Considerations:**

This compartment is in the St. Ignace Lake Plain Management Area where featured wildlife species include American marten, American woodcock, black bear, blackburnian warbler, black-throated blue warbler, ruffed grouse, sharp-tailed grouse, snowshoe hare, and white-tailed deer. The cranberry bog muskeg forms much of the compartment. Smaller rich conifer swamp, poor conifer swamp, and northern shrub thicket occurrences east of the bog make up most of the rest of it. These features will be maintained and protected. The cranberry bog has been prescribed for a burn to maintain the habitat. Otherwise, the bog and swamp habitat will generally be left to allow natural processes to occur. All activities should be implemented in a way to reduce alterations to the hydrology of the area/compartment, as well as limit introductions and impacts of invasive species to the system. Invasive species control may occur as needed.

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

No known potential exists for commercial oil & gas production in this part of the state, and there is no known potential for economic production of metallic minerals in this area. Multiple active, State-owned aggregate pits exist roughly two miles

east of the compartment; two are currently leased to the country road commission. Bedrock is also at or near the surface across the area, consisting of high-purity limestone and less desirable (higher silica content) dolostone. Large areas north and southeast of the compartment were part of the land transaction completed with Graymont in 2014 for development of high-purity limestone including the Hendricks Quarry, which is about two miles north. There is similar potential for high-purity limestone beneath the compartment, but the prevalence of wetlands within the compartment would inhibit surface mining.

**Vehicle Access:**

Access is via Cranberry Lake Road from the north and south, Hemlock Ridge Road from the east, or McCleod Truck trail from the northwest. Cranberry Lake Road is a sand/gravel DNR road in good condition and leads north out to Borgstrom Road (Paved, county) or south out to Paved Mackinac County Road H-40 (Hiawatha Trail). Hemlock Ridge Road is a good dirt road (DNR) entering the compartment from the east. All portions of Hemlock Ridge Road and McCleod Truck Trail and all of Cranberry Lake Road south of McCleod Truck Trail are groomed snowmobile trail.

**Survey Needs:**

None needed.

**Recreational Facilities and Opportunities:**

The Cranberry Lake Road, Hemlock Ridge Road and McCleod Truck Trail are used as groomed snowmobile trails in the winter. The ORV trail winds along the Hemlock Ridge Road, and up and down the ridges. Excellent wildlife viewing area. Hunting and trapping opportunities exist as well.

**Fire Protection:**

This is a historically low wildfire area. However, there is very limited road access into the interior portions of this compartment. Any fire in the Cranberry Lake Bog and ridge complex could prove to be a challenge both in access for initial attack and extended mop-up due to the heavy loading of organic matter in the areas with heavy soils. Nelson and Finn Lakes provide the best sources of water.

**Additional Compartment Information:****The following reports from the Inventory are attached:**

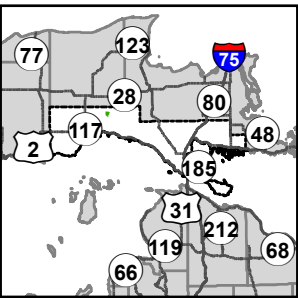
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

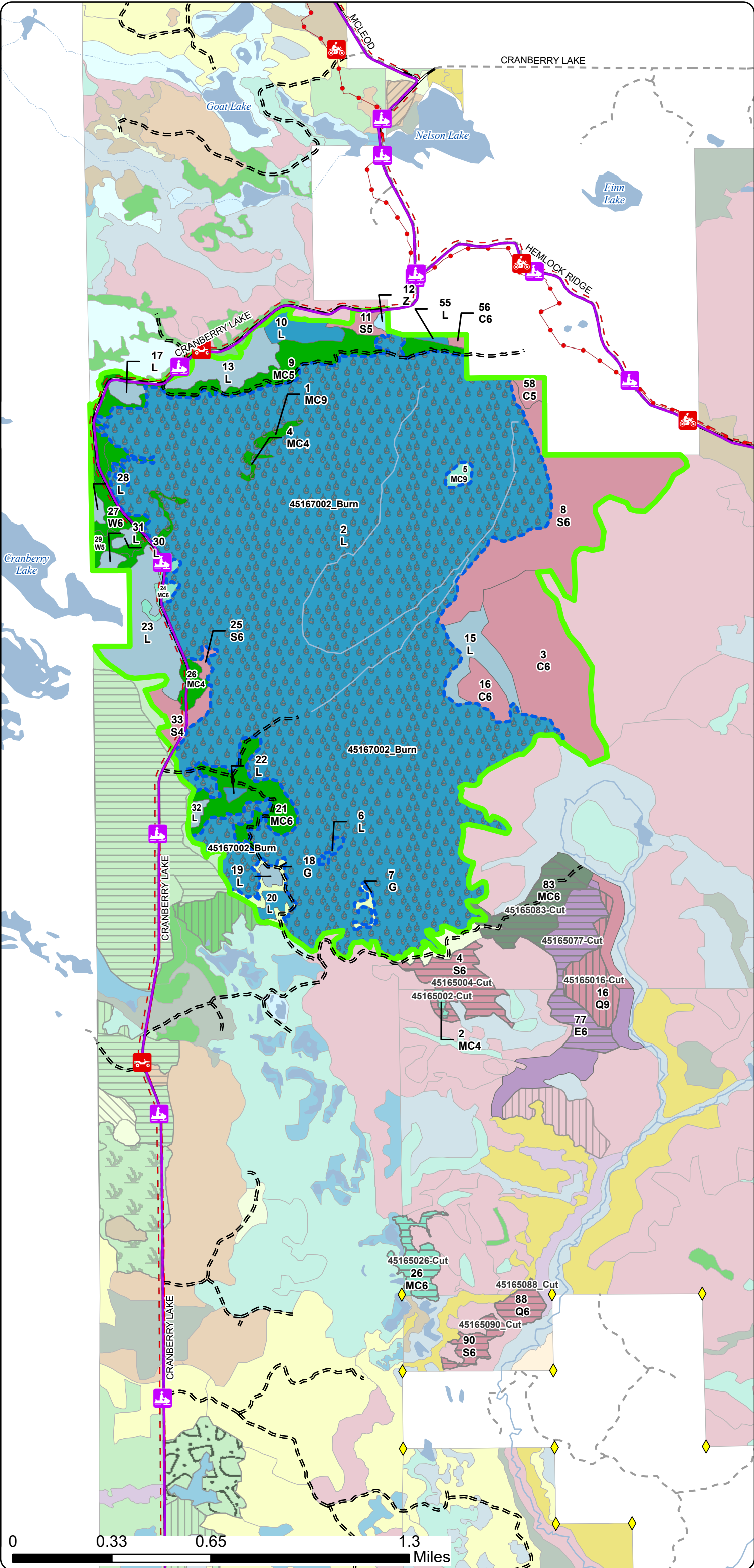
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 45167  
T44N, R09W, Sec. 11-14, 23, 24  
County: Mackinac  
Unit: Sault Ste. Marie  
Mgmt. Area: St. Ignace Lake Plain  
YOE: 2027  
Acres: 1,651.25 GIS Calculated  
Examiner: Cody Flatt  
Date Exported: 7/18/2025  
Map Phase: Web Post

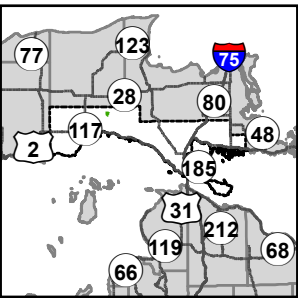


- Survey Grade Corners
- Designated Motorcycle Trails
- Designated ORV Routes
- DNR - Primary Forest Road
- DNR - Forest Access Route
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Intermittent Stream
- Perennial River
- Lakes and Rivers
- Counties
- Compartment Boundary
- Treatments with Site Conditions
- Prescribed Burn
- Clearcut
- Shelterwood
- Thinning
- Other Harvest - See Comments
- Pesticide
- Monitoring
- 422 - Natural Pines
- 429 - Mixed Upland Conifers
- 500 - Water
- 612 - Lowland Coniferous Forest
- 310 - Herbaceous Openland
- 622 - Lowland Shrub
- 629 - Mixed non-forested Wetland

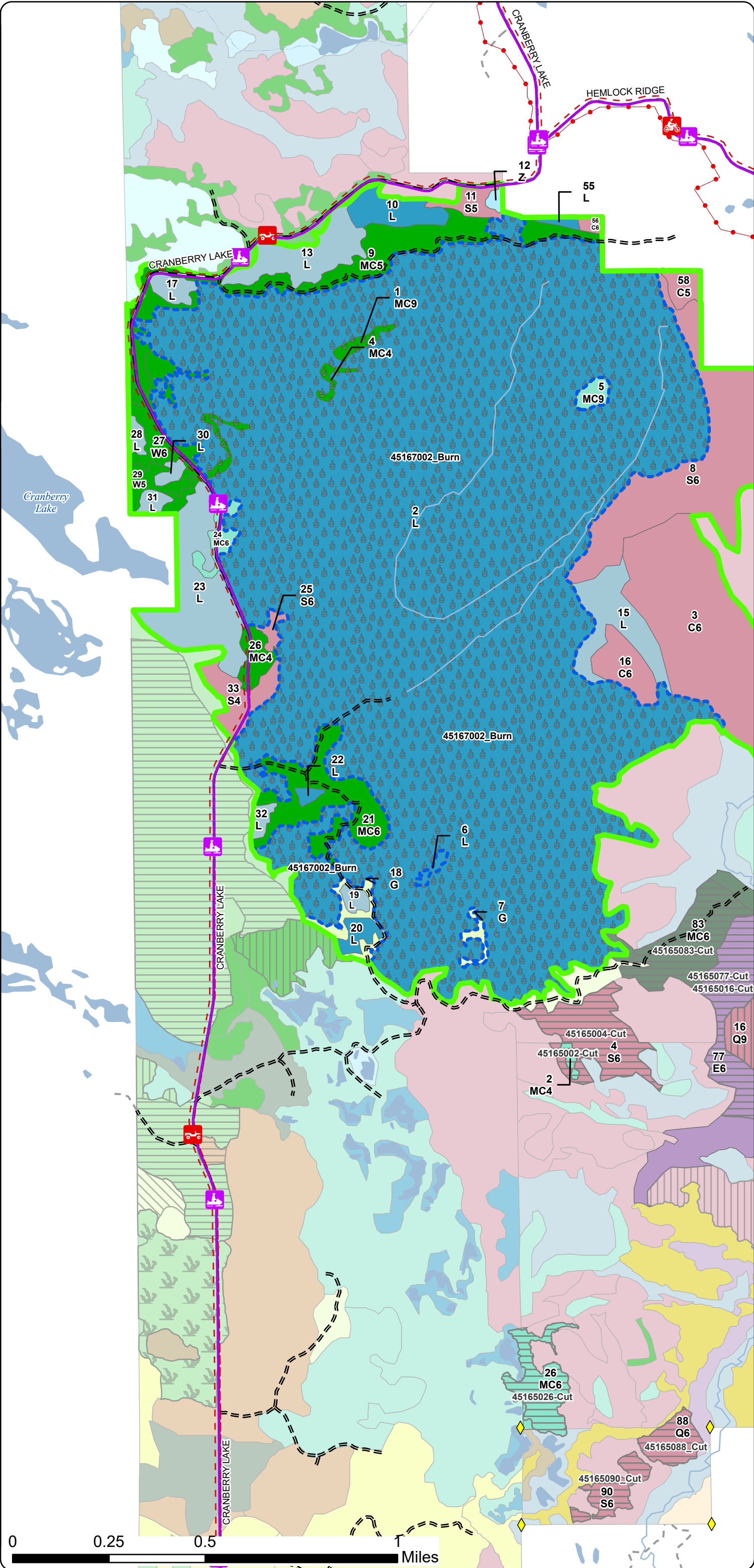


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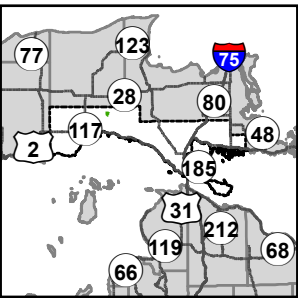
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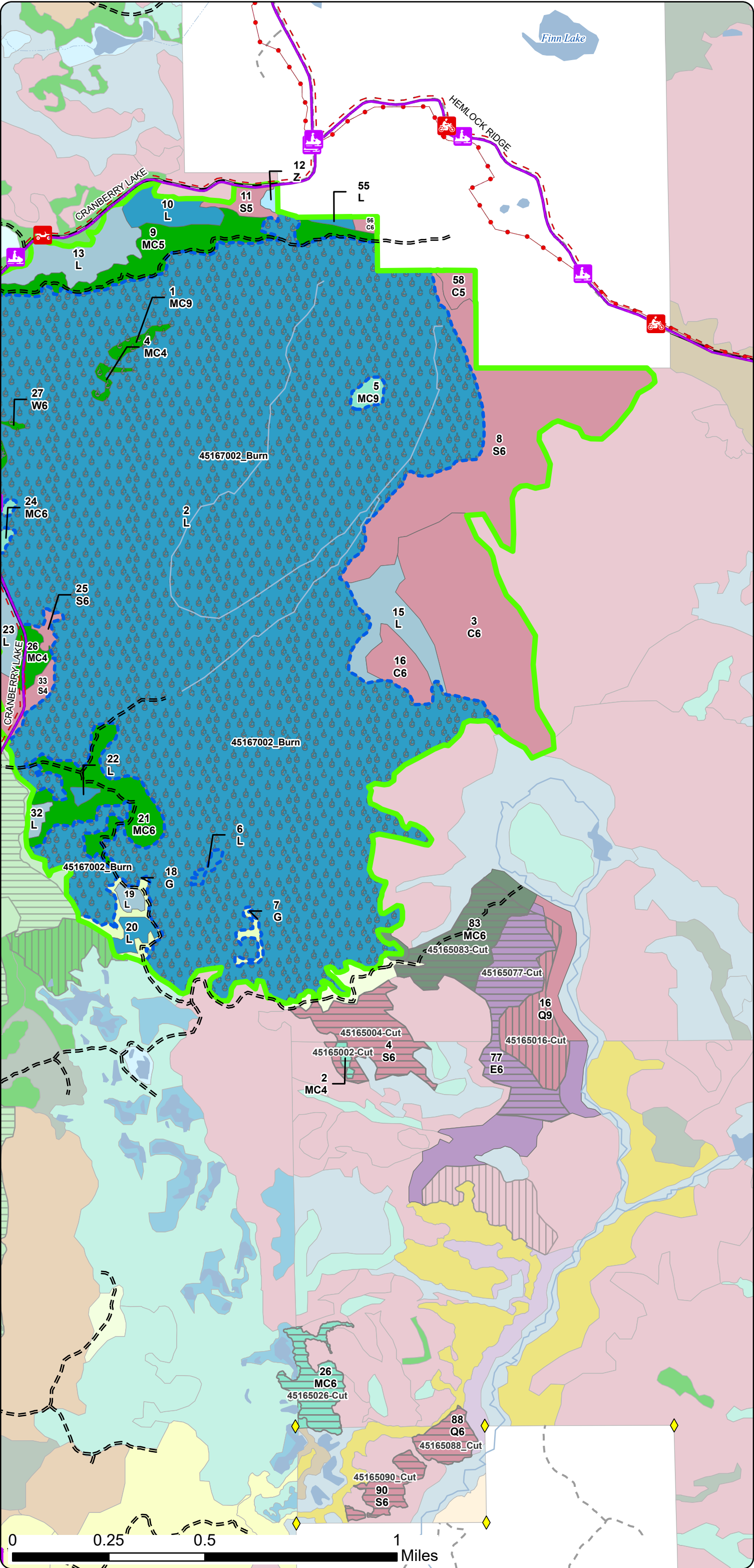


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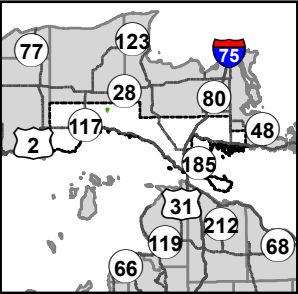
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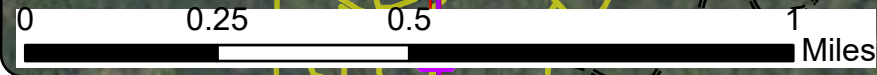
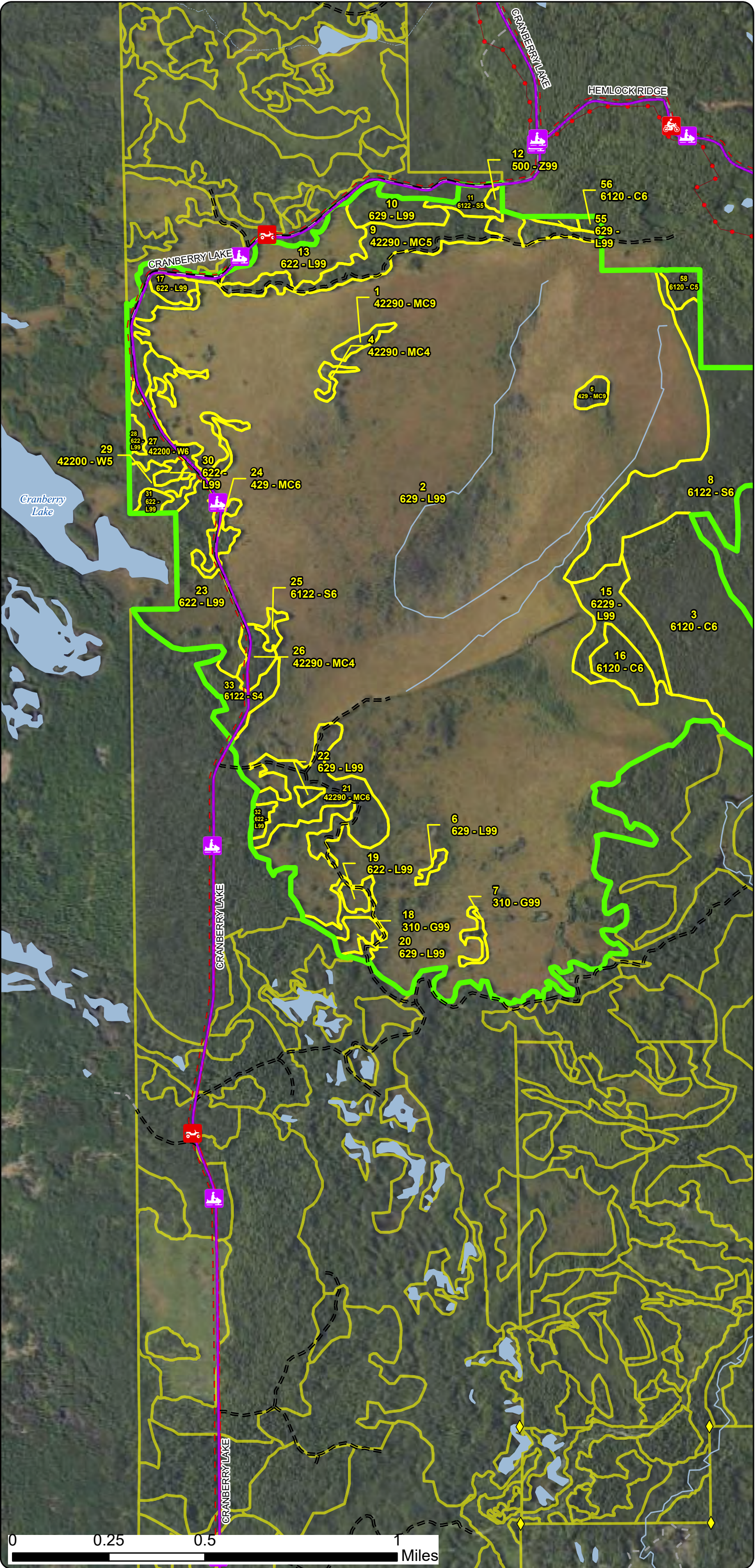


Stand Boundary  
Map

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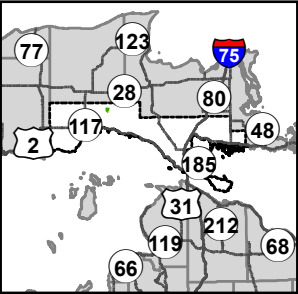
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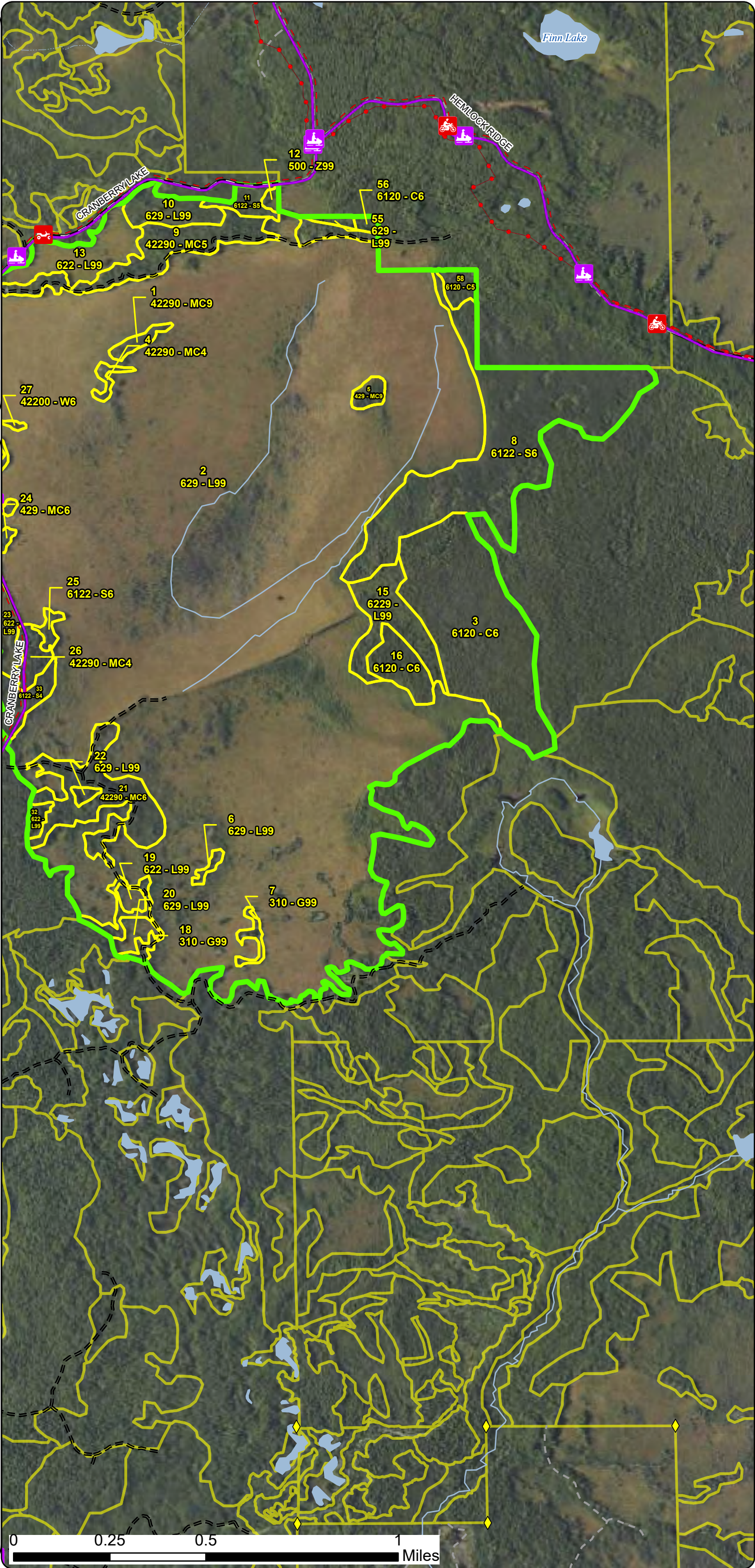


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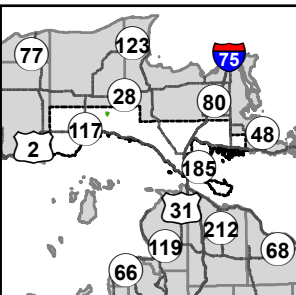
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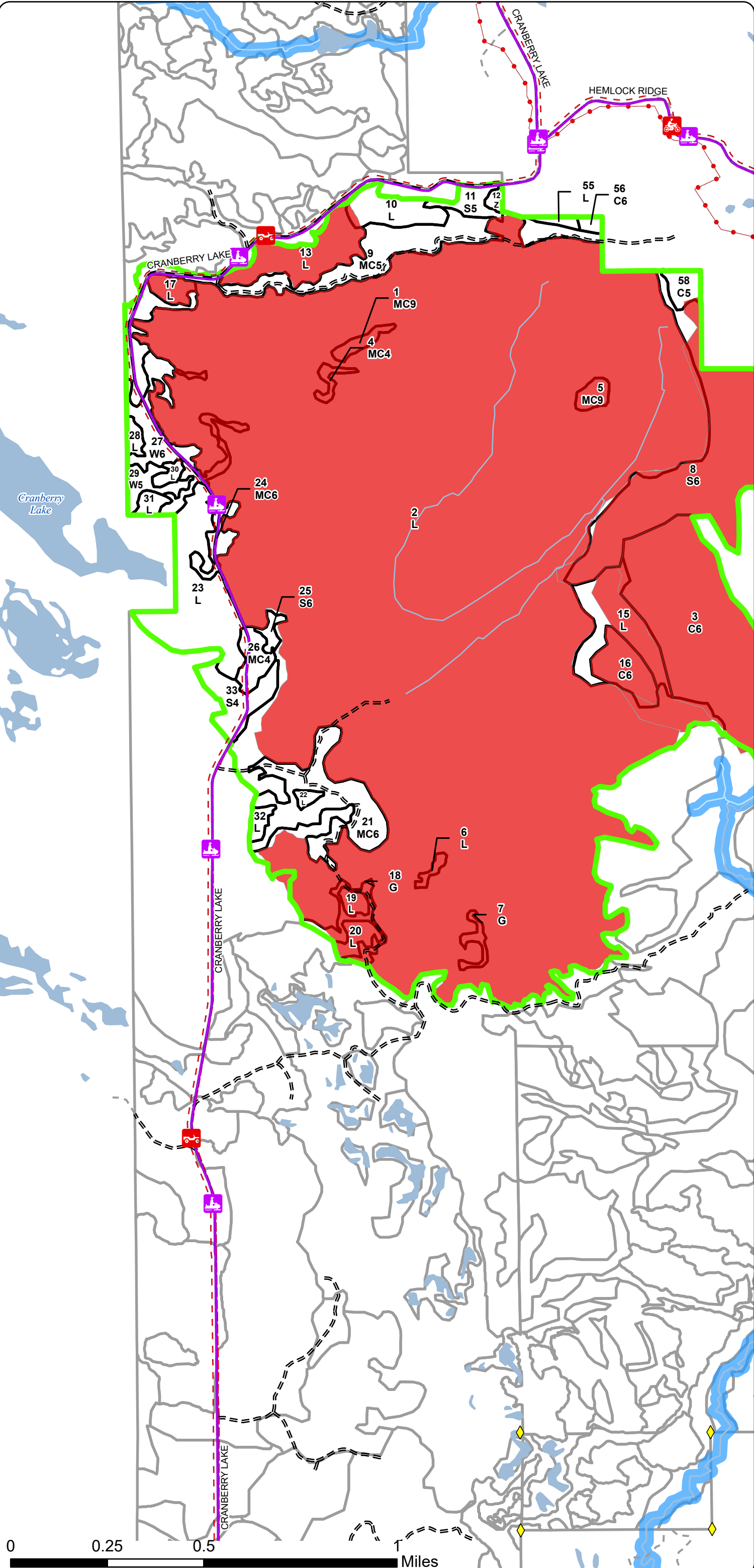


Special Conservation Areas  
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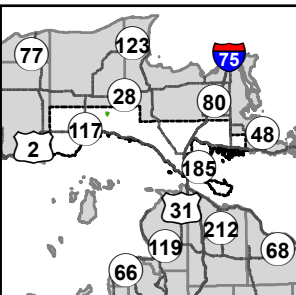
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- Stand Boundaries
- Ecological Reference Areas
- Cold Water Streams
- High Priority Trout Stream Buffer



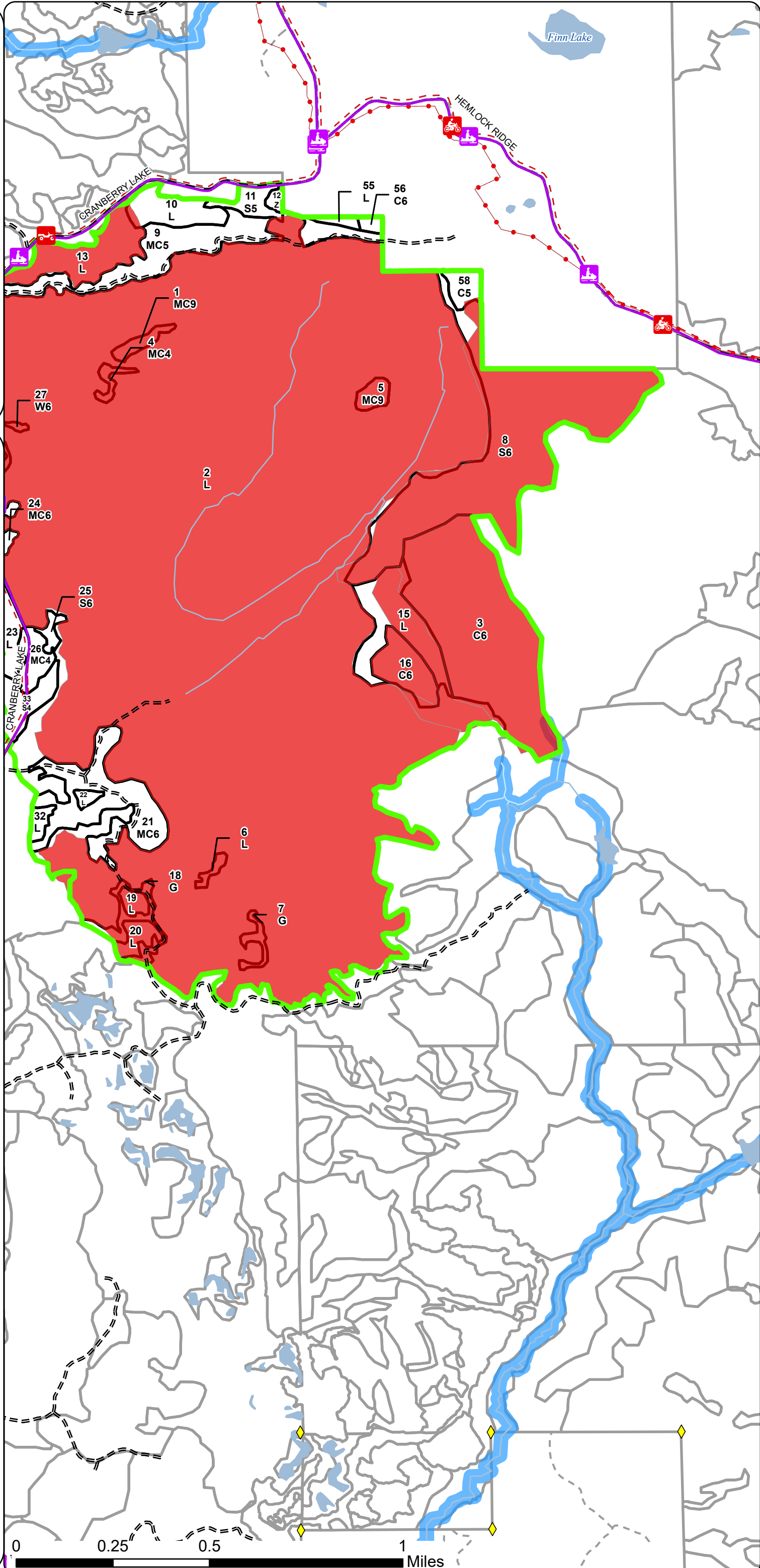


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## Report 1 – Total Acres by Cover Type and Age Class

Cody Flatt: Examiner



## Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Uneven-Aged	Total
Cedar	0	0	0	0	0	0	0	0	0	0	0	0	0	7	95	0	0	0	102
Herbaceous Openland	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Lowland Shrub	1288	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1288
Lowland Spruce/Fir	0	0	0	0	0	0	2	19	0	102	0	0	0	0	0	0	0	0	123
Natural Mixed Pines	0	0	0	0	0	5	7	33	0	47	0	0	0	0	0	0	0	0	92
Upland Conifers	0	0	0	0	6	0	0	0	0	0	3	0	0	0	0	0	0	0	9
Water	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
White Pine	0	0	0	0	0	6	0	21	0	0	0	0	0	0	0	0	0	0	27
<b>Total</b>	<b>1299</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>11</b>	<b>7</b>	<b>56</b>	<b>19</b>	<b>47</b>	<b>105</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>95</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1652</b>





Report 2 – Treatment Summary

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

Acres of Harvest

Compartment 167  
Total Compartment Acres: 1,651

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

Proposed and Next Step Treatments by Method

		Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current		0	0	0	0	1178	0	0	0	0	1178
Next Step		0	0	0	0	0	0	1178	0	0	1178
Total		0	0	0	0	1178	0	1178	0	0	2356





S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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**Proposed Treatments:**

<b>2</b>	<b>45165002-Cut</b>	1.4	429 - Mixed Upland Conifers	4	91	1-50	Harvest	Clearcut	429 - Mixed Upland Conifers	Planting Record	No
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Prescription Cut all deciduous trees that are two (2) inches or more at DBH and all conifer that are four (4) inches or more at DBH, except do not cut any cedar and hemlock.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Spruce, fir, pine, birch, maple, aspen

Regen:

Other No retention due to small treatment acreage. Harvest with stand 4

Comment:

Site Condition:

Proposed Start Date: 10/01/2026

<b>4</b>	<b>45165004-Cut</b>	27.6	6122 - Black Spruce	6	108	81-110	Harvest	Clearcut	6122 - Black Spruce	Planting Record	No
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Prescription Cut all deciduous trees that are two (2) inches or more at DBH and all conifer that are four (4) inches or more at DBH, except do not cut any cedar and hemlock. Leave 1-2 white pine over 14" per acre where possible. Exclude excessively wet areas from trea

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Spruce, fir, pine, birch, maple, aspen, tamarack

Regen:

Other

Comment:

Site Condition:

Proposed Start Date: 10/01/2026

<b>16</b>	<b>45165016-Cut</b>	21.8	6128 - Lowland Coniferous, Mixed Deciduous	9	148	141-170	Harvest	Shelterwood	6128 - Lowland Coniferous, Mixed Deciduous	Cutting Record	No
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Prescription Shelterwood harvest stand to 50-60 BA to release around hemlock to establish hemlock regeneration. Mark to leave hemlock, white pine, and some large yellow birch. Cut all trees not marked. Retention will be left in river buffer and individual leave trees

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Hemlock, spruce, fir, pine, maple, aspen, birch

Regen:

Other Harvest in frozen winter due to access to stand

Comment:

Site Condition:

Proposed Start Date: 10/01/2026

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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>26 45165026-Cut</b>	16.3	429 - Mixed Upland Conifers	6	99	81-110	Harvest	Clearcut	429 - Mixed Upland Conifers	Planting Record	No
<u>Prescription Specs:</u> Cut all deciduous 2" or more and conifer 4" or more. Leave a healthy, mature white or red pine spaced every 75ft (this will leave 8 trees per acre). <u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory) <u>Acceptable Regen:</u> Aspen, maple, cherry, beech, yellow and paper birch, ironwood, balsam fir, white spruce, black spruce, cedar, tamarack and white pine. <u>Other Comment:</u> Old next step comments: Follow-up treatment with a regeneration survey as per the work instructions. Acceptable regeneration is maple, birch, white pine, spruce, fir, jack pine, red pine, and tamarack. <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										
<b>77 45165077-Cut</b>	36.6	6119 - Mixed Lowland Deciduous Forest	6	99	81-110	Harvest	Clearcut	6119 - Mixed Lowland Deciduous Forest	Planting Record	No
<u>Prescription Specs:</u> Cut all deciduous trees that are two (2) inches or more at DBH and all conifer that are four (4) inches or more at DBH, except do not cut any cedar and hemlock. Leave 1-2 white pine over 14" per acre where possible. Exclude overly wet areas from treatment <u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory) <u>Acceptable Regen:</u> Birch, maple, cherry, aspen, spruce, fir, pine <u>Other Comment:</u> Treatment size may vary due to wet areas and placement of river buffer. Harvest in frozen winter due to saturated soil and road access <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										
<b>83 45165083-Cut</b>	27.0	42390 - Mixed Non-Pine Upland Conifers	6	109	51-80	Harvest	Clearcut	42390 - Mixed Non-Pine Upland Conifers	Planting Record	No
<u>Prescription Specs:</u> Cut all deciduous trees that are two (2) inches or more at DBH and all conifer that are four (4) inches or more at DBH, except do not cut any cedar and hemlock. Leave 1-2 red/white pine over 14" per acre where possible. Retention will be left in buffer al <u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory) <u>Acceptable Regen:</u> Spruce, fir, pine, tamarack, cedar, birch, aspen, maple <u>Other Comment:</u> River Buffer- 300' where aspen regen is possible, minimum 100' plus 5' per 1% increase in slope where aspen not expected. Harvest in frozen winter due to saturated soil and road access to stand <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										





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
19	45165088_Cut	9.6	4193 - Birch, Aspen	2	7	Immature	Harvest	Clearcut	613 - Lowland Mixed Forest	Planting Record	No
<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). Leave a buffer along the edge of the wetland. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Aspen, maple, cherry, beech, yellow and paper birch, ironwood, balsam fir, white spruce, black spruce, cedar, tamarack and white pine. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026											
86	45165090_Cut	9.6	6129 - Mixed Coniferous Lowland Forest	6	92	111- 140	Harvest	Clearcut	613 - Lowland Mixed Forest	Planting Record	No
<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). Leave a buffer along the edge of the wetland. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Aspen, maple, cherry, beech, yellow and paper birch, ironwood, balsam fir, white spruce, black spruce, cedar, tamarack and white pine. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026											
2	45167002_Burn	1178.0	629 - Mixed non- forested Wetland	99			Burn	Prescribed Burn	629 - Mixed non- forested Wetland	Previous Inventory	No
<u>Prescription</u> Prescribed burn periodically to maintain/enhance muskeg features following the prescribed burn plan for the muskeg currently in place. <u>Specs:</u> Recommended to burn in thirds. This stand would include the northern third and most of the middle third (north of the di <u>Next Step</u> Monitoring, Other - Specify <u>Treatments:</u> <u>Acceptable</u> <u>Regen:</u> <u>Other</u> Part of the muskeg that has been burned periodically to help produce blueberries. You can see the burn from 2000 viewing the UP Landsat <u>Comment:</u> (in a couple different forms). This area has been burned (or proposed to be burned) for many years. A wildfire burned t <u>Site Condition:</u> Conservation Values <u>Proposed Start Date:</u> 10/03/2025											

**Total Treatment** 1327.9  
**Acreage Proposed:**



Availability for Management

Total Acres    Acres Available    Acres With Condition    Acres Not Available

Dominant Site Conditions

2H    3A

102	6	0	95	Cedar		95
10	10	0	0	Herbaceous Openland		
1288	75	0	1213	Lowland Shrub		1,213
122	21	0	102	Lowland Spruce/Fir		102
92	92	0	0	Natural Mixed Pines		
10	6	0	3	Upland Conifers	3	
1	1	0	0	Water		
27	27	0	0	White Pine		
1,651	238		1,413	Total Forested Acres	3	1,410
	14%		86%	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	3A: Conservation values incompatible with harvest at this time	102	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Poor Conifer Swamp							
2	Unavailable	3A: Conservation values incompatible with harvest at this time	83	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Rich Conifer Swamp							
3	Unavailable	3A: Conservation values incompatible with harvest at this time	12	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Rich Conifer Swamp							



## Report 4 – Site Conditions



4	Unavailable	3A: Conservation values incompatible with harvest at this time	22	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	3A: Conservation values incompatible with harvest at this time	1,169	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Muskeg							
6	Unavailable	3A: Conservation values incompatible with harvest at this time	22	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Muskeg							
34	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Mgt. Unit

Compartment: #Type!  
Year of Entry:


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

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
Comments				







Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																						
1	42290 - Natural Mixed Pine	Sawtimber Well	3.2	49	51-80	N/A	Small upland island in middle of large cranberry bog. Burn with bog to maintain/enhance semi-open upland in middle of bog.																																						
2	629 - Mixed non-forested Wetland	None	1,169.4			No	Cranberry Bog																																						
3	6120 - Lowland Cedar	Poletimber Well	83.3	135	Unspecified	N/A	Large cedar stand with a lot of variability. Some areas have some black spruce and birch mixed. There are trace tamarack also. Size is variable as well. Lots of tag alder where wetter and open.																																						
<table> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> <tr> <td>Black Spruce</td> <td>5</td> <td>Seedling</td> <td>8</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>15</td> <td>Seedling</td> <td>8</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>65</td> <td>Seedling</td> <td>8</td> <td>135</td> </tr> <tr> <td>Balsam Fir</td> <td>15</td> <td>Seedling</td> <td>8</td> <td></td> </tr> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Black Spruce	5	Seedling	8		Paper Birch	15	Seedling	8		Northern White Cedar	65	Seedling	8	135	Balsam Fir	15	Seedling	8		<table> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> <tr> <td>Conifers</td> <td>Medium</td> <td>Variable</td> <td>Variable</td> </tr> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Conifers	Medium	Variable	Variable								
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Conifers	Medium	Variable	Variable																																										
4	42290 - Natural Mixed Pine	Poletimber Poor	2.2	49	1-50	N/A	Small upland island in middle of large cranberry bog. Burn with bog to maintain/enhance semi-open upland in middle of bog.																																						
5	429 - Mixed Upland Conifers	Sawtimber Well	3.4	90	51-80	N/A	Upland island stand in bog, did not visit stand																																						
6	629 - Mixed non-forested Wetland	None	1.6			No																																							
7	310 - Herbaceous Openland	None	2.6			No																																							
8	6122 - Black Spruce	Poletimber Well	101.6	90	51-80	N/A	Large black spruce stand, some wet areas. Some scattered tamarack and pockets of cedar.No access to stand																																						
<table> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> <tr> <td>Tamarack</td> <td>5</td> <td>Sapling</td> <td>7</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>30</td> <td>Sapling</td> <td>7</td> <td></td> </tr> <tr> <td>Black Spruce</td> <td>65</td> <td>Sapling</td> <td>7</td> <td>90</td> </tr> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Tamarack	5	Sapling	7		Northern White Cedar	30	Sapling	7		Black Spruce	65	Sapling	7	90																							
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Black Spruce	65	Sapling	7	90																																									
9	42290 - Natural Mixed Pine	Poletimber Medium	46.7	88	1-50	N/A	Narrow ridge along road and bog. Half sand opening and half timbered. Conifer mix. White pine, jack pine, black spruce on edge. Scarred red pine and a stragglers aspen and birch.																																						
<table> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> <tr> <td>White Pine</td> <td>35</td> <td>Seedling</td> <td>9</td> <td>88</td> </tr> <tr> <td>Red Pine</td> <td>30</td> <td></td> <td>10</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>5</td> <td>Seedling</td> <td>6</td> <td></td> </tr> <tr> <td>Black Spruce</td> <td>30</td> <td>Seedling</td> <td>6</td> <td></td> </tr> </table>		Canopy Species	% Cover	Size Class	DBH	Age		White Pine	35	Seedling	9	88	Red Pine	30		10		Quaking Aspen	5	Seedling	6		Black Spruce	30	Seedling	6		<table> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> <tr> <td>White Pine</td> <td>Medium</td> <td>Variable</td> <td>Variable</td> </tr> <tr> <td>Quaking Aspen</td> <td>Low</td> <td>Variable</td> <td>Variable</td> </tr> <tr> <td>Black Spruce</td> <td>Low</td> <td>Variable</td> <td>Variable</td> </tr> </table>		Sub-Canopy Species	Density	Avg. Height	Size	White Pine	Medium	Variable	Variable	Quaking Aspen	Low	Variable	Variable	Black Spruce	Low	Variable	Variable
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10	629 - Mixed non-forested Wetland	None	11.9			No																																							
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Stand	Level 4 Cover Type	Size	Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																								
23	622 - Lowland Shrub		None	37.7			No	Lowland with sparse black spruce on north end																																																																								
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24	429 - Mixed Upland Conifers	Poletimber	Well	6.3	39	51-80	N/A	Sandy ridge gradiating to bog edge. Variable stand. Spruce thick along bog edges.																																																																								
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25	6122 - Black Spruce	Poletimber	Well	2.3	64	51-80	N/A	Wetland spruce with some aspen/pine in high places.																																																																								
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26	42290 - Natural Mixed Pine	Poletimber	Poor	6.8	50	1-50	N/A	Opening with scattered pine																																																																								
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27	42200 - Natural White Pine	Poletimber	Well	21.0	65	51-80	N/A	Previous comments- Cut by Lawrence Tuttle - all but WP/RP. Some low boggy areas with pine. Variable stand. Lots of WP saps in southern finger. Northern fingers have more aspen understory. Wet holes and bogs throughout. Jack pine in understory with black spruce thick in places. White pine regeneration 20feet tall in places. Total mix of upland and lowland depending when visited.																																																																								
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28	622 - Lowland Shrub		None	2.3			No																																																																									
29	42200 - Natural White Pine	Poletimber	Medium	5.8	47	1-50	N/A	Cut by Lawrence Tuttle. Larger WP along bog edge.																																																																								
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments			
30	622 - Lowland Shrub	None	2.1			No				
31	622 - Lowland Shrub	None	2.6			No				
32	622 - Lowland Shrub	None	2.5			No				
33	6122 - Black Spruce	Poletimber Poor	12.6	75	1-50	N/A	Wet leatherleaf bog with red pine on some ridges and black spruce in areas.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Black Spruce		75	Sapling	6	75	Leatherleaf		Medium	5 - 10 feet	5 - 10 feet
Red Pine		25		10						
55	629 - Mixed non-forested Wetland	None	1.6			No				
56	6120 - Lowland Cedar	Poletimber Well	1.5	120	Unspecified	N/A	Small dense cedar with some black spruce and tamarack around the fringe.			
Canopy Species		% Cover	Size Class	DBH	Age					
Northern White Cedar		70	Sapling	7	120					
Tamarack		10	Sapling	5						
Black Spruce		20	Sapling	5						
58	6120 - Lowland Cedar	Poletimber Medium	4.8	120	Unspecified	N/A	Small dense cedar with some black spruce and tamarack around the fringe.			
Canopy Species		% Cover	Size Class	DBH	Age					
Northern White Cedar		70	Sapling	7	120					
Black Spruce		20	Sapling	5						
Tamarack		10	Sapling	5						