

# Compartment Review Presentation

Sault Ste. Marie Forest Management Unit

Compartment 45051

Entry Year: 2027

Acreage: 1,793

County: Chippewa

Management Area: Rudyard Silty Lake Plain

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**Stand Examiner:** Kenny Fanelli

## Legal Description:

T47N R1W Sec 15, 20, 22, 21, 28, 29

## Identified Planning Goals:

With recreation being the primary use of this compartment, all treatments that are prescribed will be carried out in a way that protects the recreational resources and provides for public safety. Keeping the public informed of the DNR's goals and activities in the area is essential for obtaining the management goals for this area. Protecting the natural resources will be a priority with the operation of a ski trail and snowmobile trail. Public safety is also a concern and will be taken into consideration. Forest management this Year of Entry will focus on the southern portion of the compartment. Mature black spruce and upland mix forests will be the primary cover type treated with an emphasis on maintained large aesthetically pleasing trees.

## Soil and topography:

Fibre-Allendale-Pickford: deep, level, poorly drained mucky, sandy, and loamy soils on lake plains and the former flood plains of glacial rivers. Topography is ridge and swale complex typical of ancient lowland Great Lakes shoreline.

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

This block is surrounded by private land with high population of permanent residences on the North side along 16th Ave and the east side off of Bakerside Rd/20th St. There are two nature preserves which border the compartment to the northeast. The only development is the Algonquin Ski Trail, with parking and restroom facilities on 16th Ave.

## Unique Natural Features:

The area is made up of many ridge and swale complexes and borders Isaac Walton Bay.

## Archeological, Historical, and Cultural Features:

None known.

## Special Management Designations or Considerations:

Special considerations should be given to the recreational values of the forest around the ski trail areas. An SCA is proposed this Year Of Entry for the forest land surrounding the lit portions of the ski trail.

## Watershed and Fisheries Considerations:

Fisheries Concerns: There are many low marshy areas in this compartment that would need to be taken into consideration. No direct fisheries values within the boundaries of the compartment. Appropriate BMP's along Lake Superior shoreline would need to be followed here, otherwise the treatments within the compartment would just need to use standard BMP's adjacent to surface water and wetland areas.

## Wildlife Habitat Considerations:

This compartment is part of the Rudyard Silty Lake Plain Management Area where featured wildlife species include blackburnian warbler, American marten, ruffed grouse, sharp-tailed grouse snowshoe hare, and white-tailed deer. It contains a mosaic of spruce, lowland conifer, lowland brush, white pine, and aspen/birch spanning across some sandy ridges and wetter swales. The western part of the compartment is along the upper St. Mary's River shoreline. Planned management includes treating some maturing stands along ridges and some lowland spruce-dominated areas. This will enhance habitat for ruffed grouse, snowshoe hare, and deer. Most stand will be left to continue maturing, and will provide cover and other habitat for these species and others like American marten and blackburnian warblers. Shoreline and near shore areas will be left to benefit wetland species, raptors, and other species.

## Mineral Resource and Development Concerns and/or Restrictions

Sections 15-16, 20-22, & 28-29, T47N R1W, Chippewa County. 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 sand/gravel operations exist within two miles east and south of the compartment, many along the I-75 corridor. The compartment, however, is farther from the highway and Sault Sainte Marie and is dominated by wetlands, so potential for commercial development of sand & gravel is considered minimal.

**Vehicle Access:**

The old Soo Line Railroad is now the Brimley-Sault ORV route and snowmobile trail. It is not open to conventional vehicles. There is no conventional vehicle access for the general public in this compartment.

**Survey Needs:**

A survey is needed for proposed timber sales in sections 28 and 29, 47N 01W

**Recreational Facilities and Opportunities:**

Algonquin Ski Trail stretches the length of the compartment and other trails are used for hiking and snowshoeing. This area receives heavy use because of its proximity to the City of Sault Ste Marie. The Brimley Grade is a snowmobile trail and ORV Route which connects Sault Ste Maire to Brimley. Some hunting occurs in the compartment and there is some access for ice fishing out onto Isaac Walton Bay.

**Fire Protection:**

Very good access through the center of the compartment along the grade. There are some ponds/bogs that hold water year round for water access. There are residential properties to the north and east of the compartment.

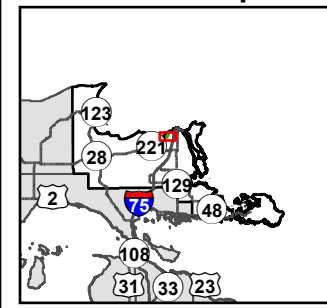
**Additional Compartment Information:****The following reports from the Inventory are attached:**

- 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**

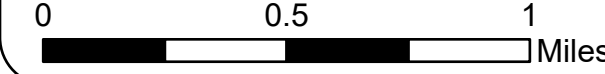
**The following information is displayed, where pertinent, on the attached compartment maps:**

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

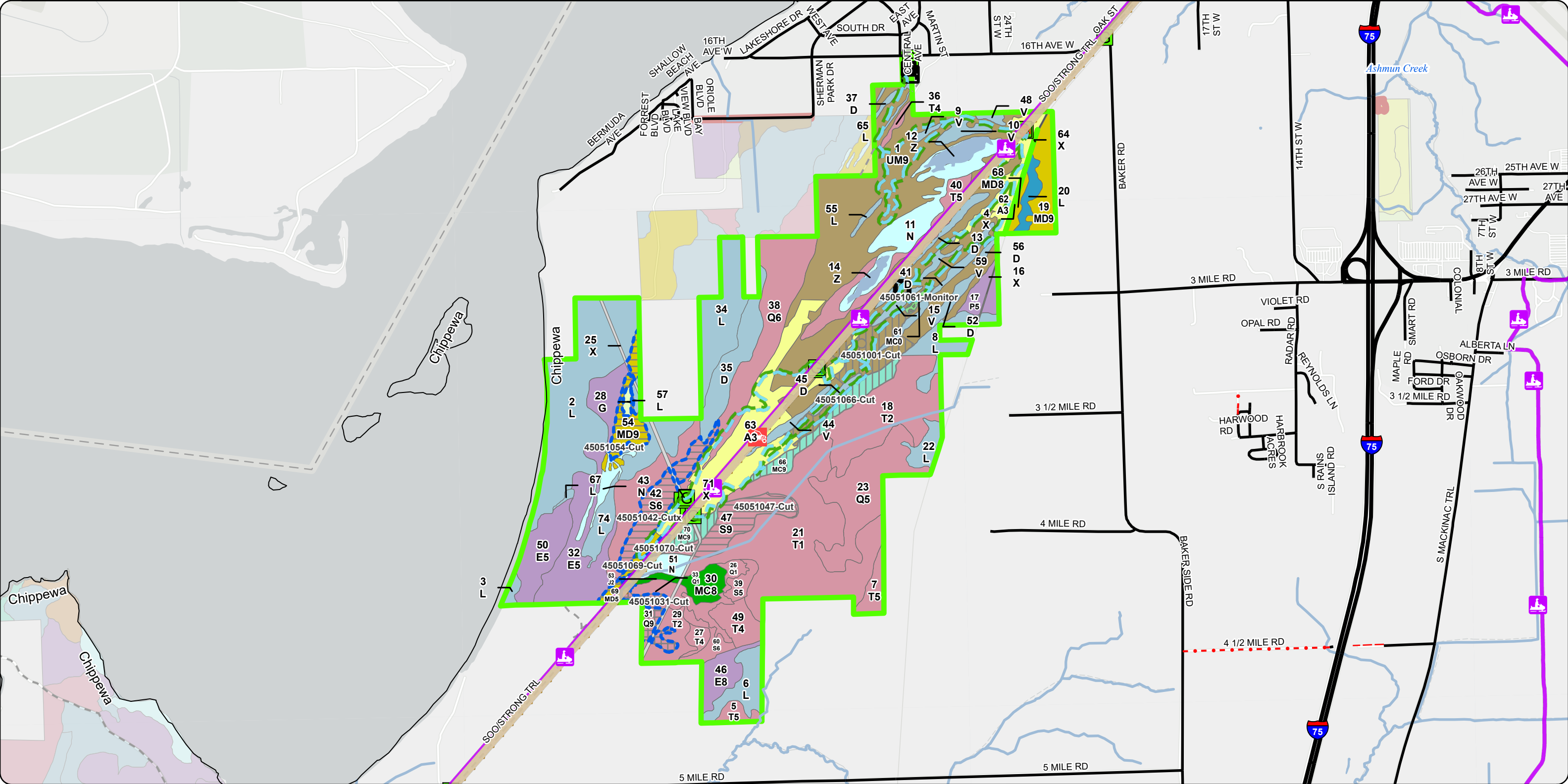
**Cover Type & Treatments Map**



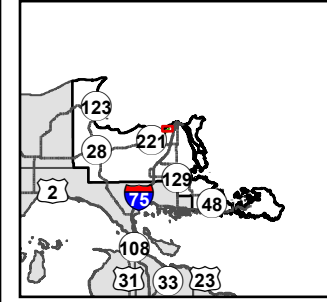
Compartment: 45051  
 T47N, R01W,  
 Sec: 15, 16, 20-22, 28, 29  
 County: Chippewa  
 Unit: Sault Ste. Marie  
 Mgmt. Area: Rudyard Silty Lake Plain  
 YO: 2027  
 Acres: 1,793 GIS Calculated  
 Examiner: Kenny Fanelli  
 Date Exported: 2/4/2026  
 Map Phase: Post Review



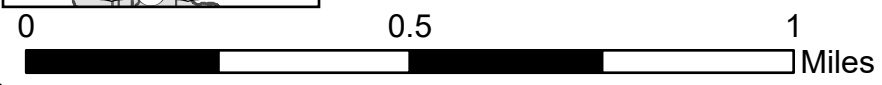
- |                                       |                               |                                 |                                  |
|---------------------------------------|-------------------------------|---------------------------------|----------------------------------|
| Gate                                  | County - Dirt Road (Seasonal) | Treatments with Site Conditions | 612 - Lowland Coniferous Forest  |
| Culvert                               | Private - Dirt / Gravel Road  | 413 - Aspen                     | 110 - Low Intensity Urban        |
| Parking Lot                           | Streams                       | 419 - Mixed Upland Deciduous    | 122 - Road/Parking Lot           |
| Sign                                  | Lakes and Rivers              | 421 - Planted Pines             | 123 - Other High Intensity Urban |
| DNR - Secondary Forest Road           | Compartment Boundary          | 422 - Natural Pines             | 310 - Herbaceous Openland        |
| Federal / State Highway               | Clearcut                      | 429 - Mixed Upland Conifers     | 622 - Lowland Shrub              |
| Federal / State / County - Paved Road | Seed Tree                     | 430 - Upland Mixed Forest       | 623 - Emergent Wetland           |
| County - Gravel Road                  | Shelterwood                   | 500 - Water                     | 629 - Mixed non-forested Wetland |
|                                       | Monitoring - Regeneration     | 611 - Lowland Deciduous Forest  |                                  |



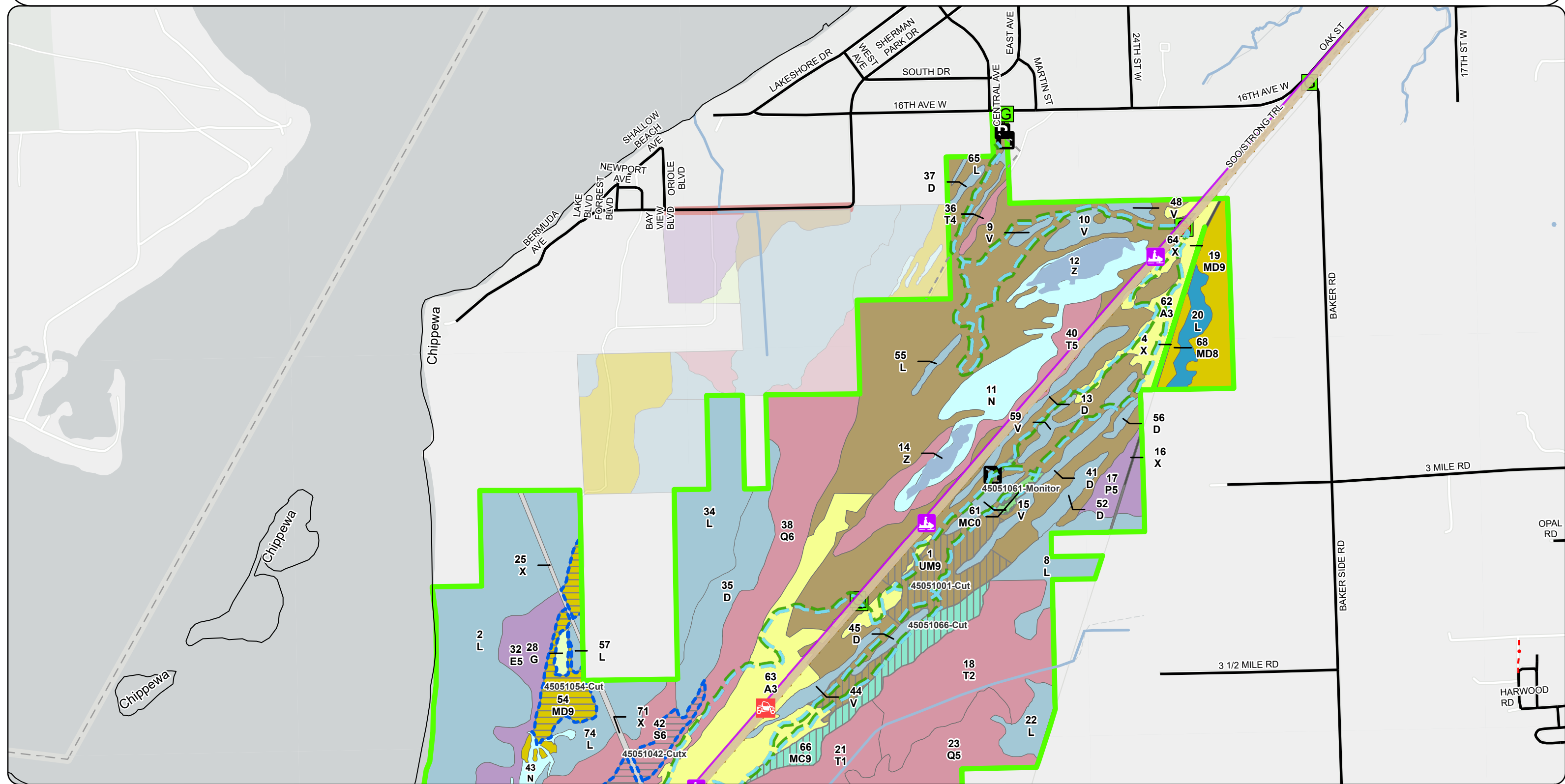
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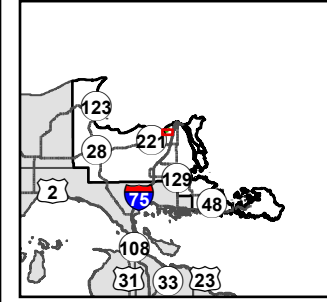
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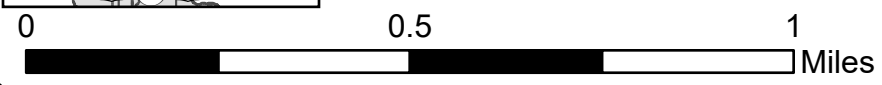
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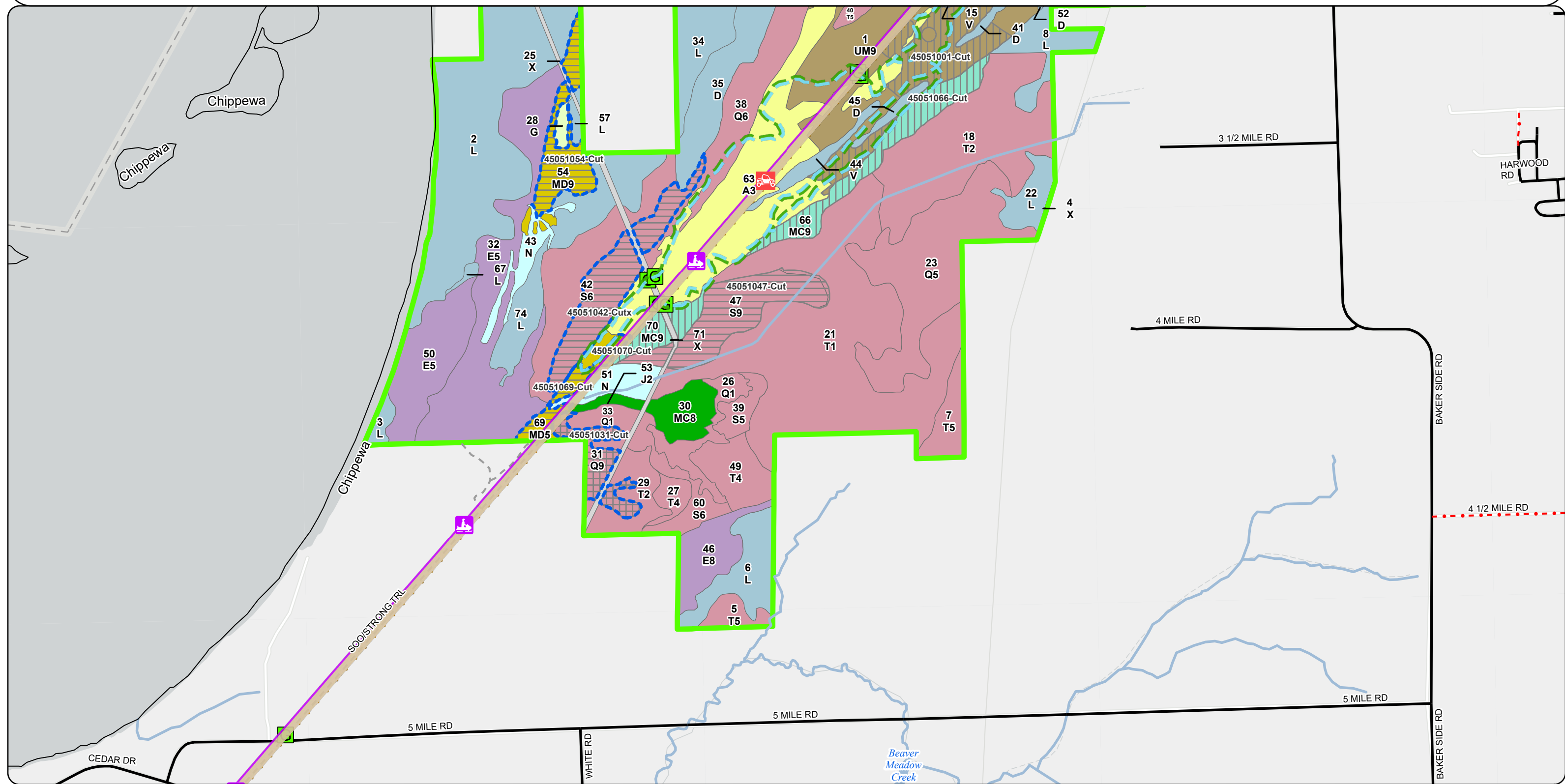
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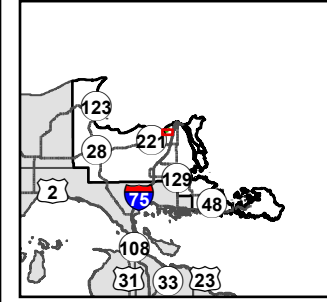


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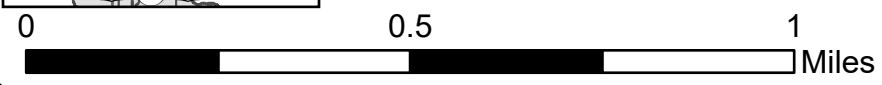




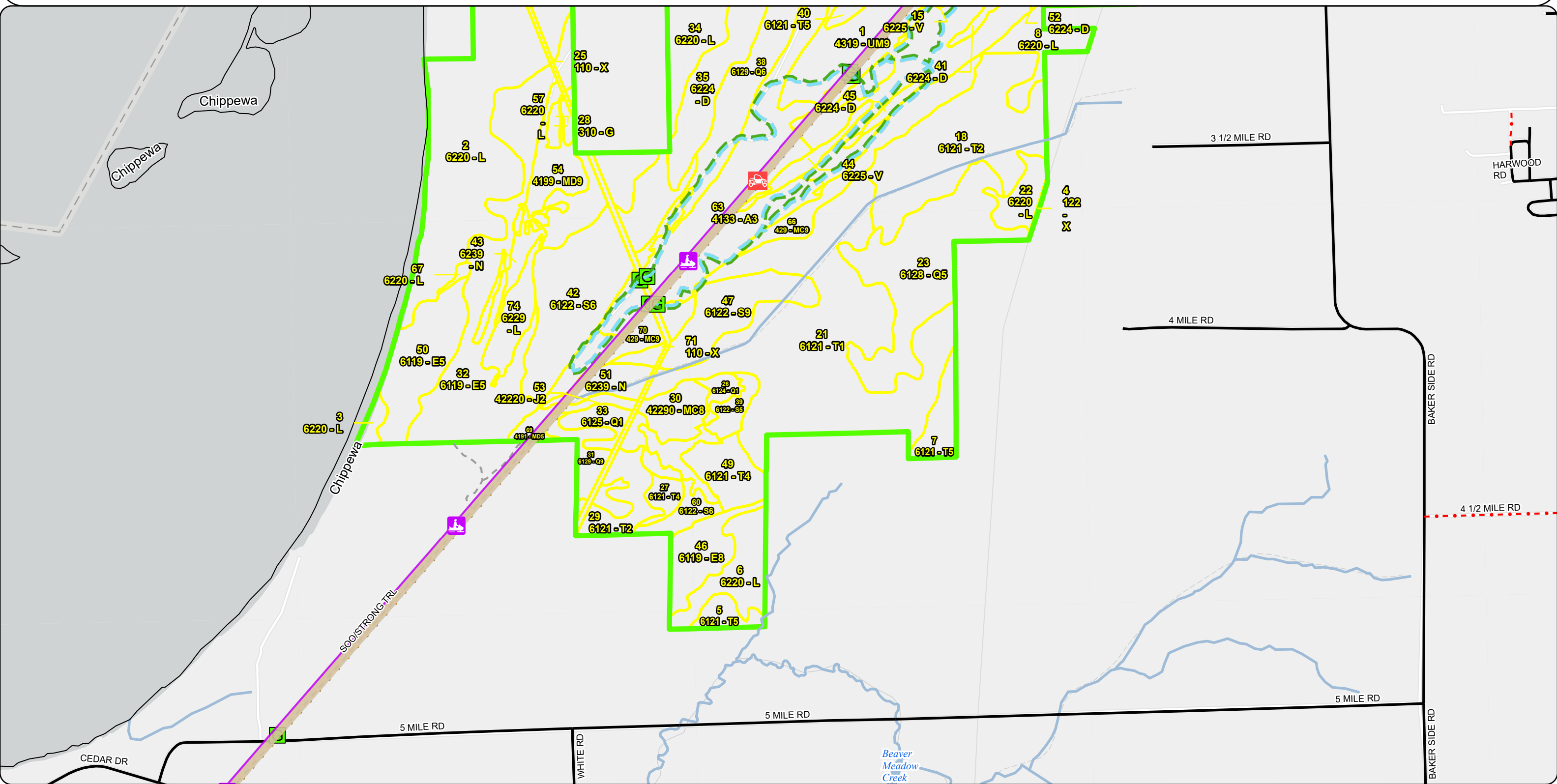
**Stand Boundary Map**



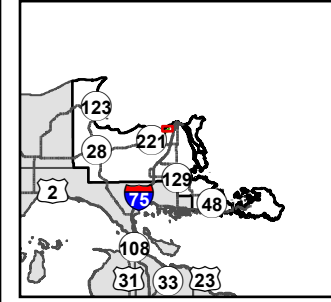
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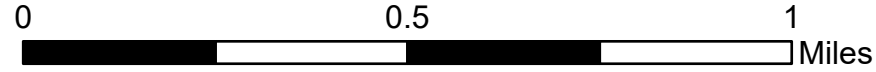
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**Special Conservation Areas  
& Site Conditions Map**



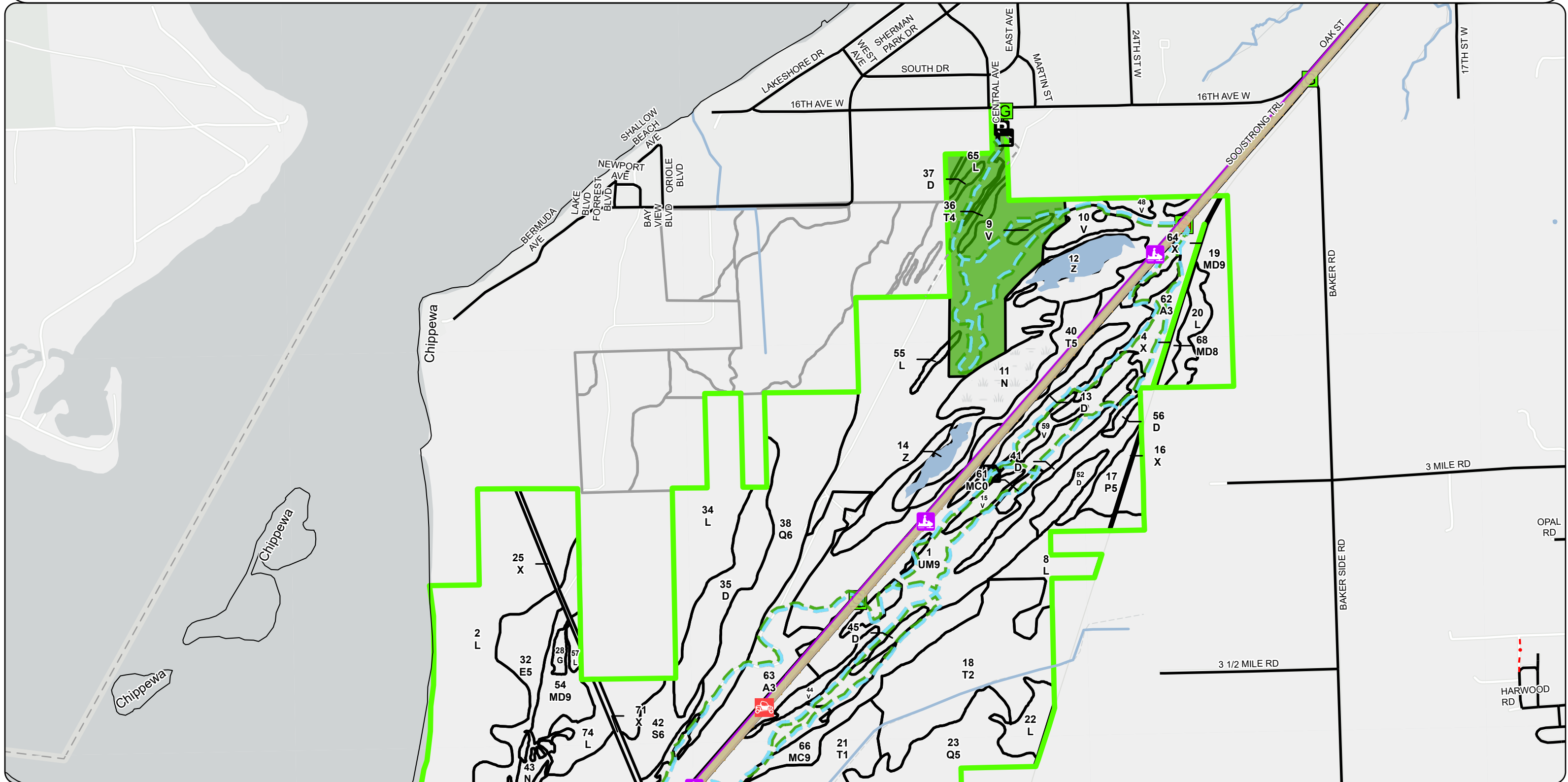
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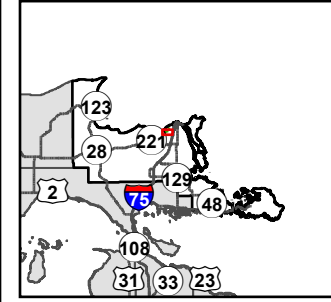
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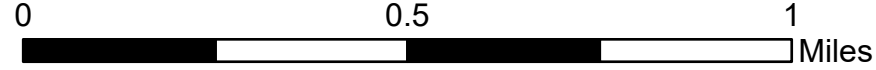
- Lakes and Rivers
- Compartment Boundary
- Stand Boundaries
- SCA
- Trail - Trail Corridor



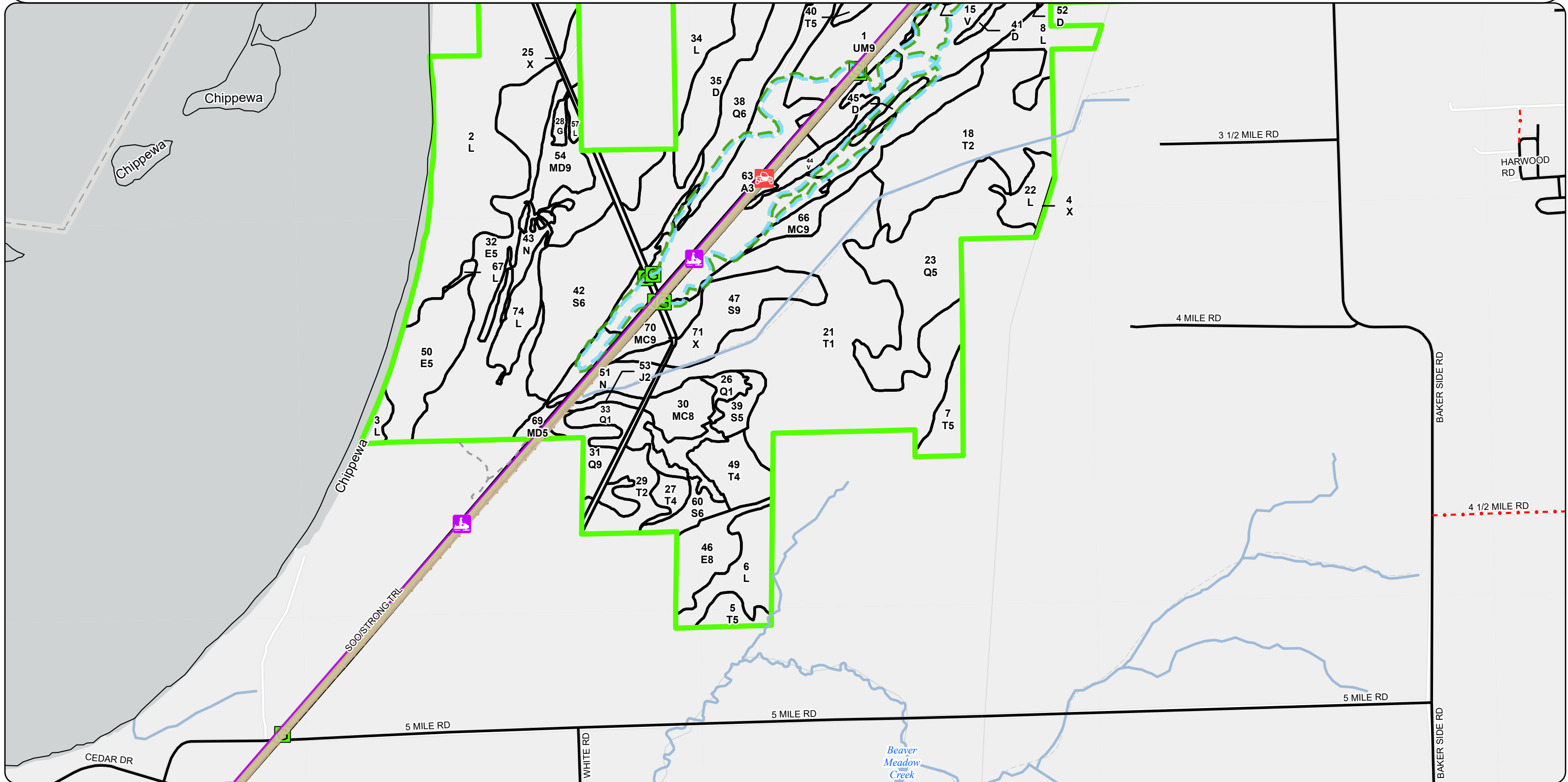
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- Lakes and Rivers
- Compartment Boundary
- Stand Boundaries
- SCA
- Trail - Trail Corridor



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

Sault Ste. Marie Mgt. Unit  
Kenny Fanelli: Examiner

Compartment 51    Year of Entry 2027

## Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Unseen-Aged	Total
Aspen	0	125	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	125
Bog	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29
Herbaceous Openland	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Jack Pine	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Lowland Aspen/Balsam Poplar	0	0	0	0	0	0	0	0	13	0	0	0	0	0	0	0	0	0	13
Lowland Conifers	0	13	0	0	0	0	8	0	14	0	0	138	0	0	0	0	0	0	173
Lowland Deciduous	0	0	0	0	0	0	109	19	0	0	0	0	0	0	0	0	0	0	128
Lowland Shrub	278	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	278
Lowland Spruce/Fir	0	0	0	0	0	0	7	0	32	79	0	0	0	0	0	0	0	0	118
Marsh	70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	70
Mixed Upland Deciduous	0	0	0	0	0	0	0	0	37	24	0	0	0	0	0	0	0	0	61
Natural Mixed Pines	0	0	0	0	0	0	0	0	0	14	0	0	0	0	0	0	0	0	14
Planted Mixed Pines	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Tamarack	0	0	0	0	0	0	227	3	79	12	0	0	0	0	0	0	0	0	321
Treed Bog	70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	70
Upland Conifers	0	0	0	0	0	0	0	0	35	0	0	0	0	0	0	0	0	0	35
Upland Mixed Forest	0	0	0	0	0	0	0	0	324	0	0	0	0	0	0	0	0	0	324
Urban	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
Water	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
<b>Total</b>	<b>478</b>	<b>141</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>235</b>	<b>119</b>	<b>125</b>	<b>440</b>	<b>117</b>	<b>138</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1793</b>

## Report 2 – Treatment Summary

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

Acres of Harvest

Compartment 51  
Total Compartment Acres: 1,793

Commercial Harvest - 354  
Harvests with Site Condition - 180  
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
Lowland Conifers	0	0	0	14	0	0	0	0	0	14
Lowland Spruce/Fir	65	0	0	0	0	0	0	0	0	65
Mixed Upland Deciduous	29	0	0	0	0	0	0	0	0	29
Upland Conifers	0	0	0	0	35	0	0	0	0	35
Upland Mixed Forest	0	0	0	0	37	0	0	0	0	37
<b>Total</b>	<b>94</b>	<b>0</b>	<b>0</b>	<b>14</b>	<b>72</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>179</b>

### Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	179	0	0	0	0	4	0	0	0	183
Next Step	0	85	85	0	0	0	179	0	0	350
<b>Total</b>	<b>179</b>	<b>85</b>	<b>85</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>183</b>	<b>0</b>	<b>0</b>	<b>533</b>

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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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**Approved Treatments:**

<b>1</b>	<b>45051001-Cut</b>	36.9	4319 - Mixed Upland Forest	9	82	81-110	Harvest	Shelterwood	4319 - Mixed Upland Forest	Planting Record	No
<p><u>Prescription</u> Mark 30 BA of pine to leave and act as retention. Cut all other trees 2" and up at DBH except cedar, hemlock, oak, and yellow birch if present. Trail protections will be needed for the Ski Trail in this area.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory); Planting, Interplant; SitePrep, Scarification</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Moderate to fully stocked aspen, birch, red maple, white pine, red pine, black spruce, balsam fir, and other present species.</p> <p><u>Other Comment:</u> Put red line around any inoperable swales and a possible vernal pool, which has a 100' buffer drawn around it in the treatment boundary. Final acreage is likely to change due to wet ground or lack of volume.</p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/01/2026</p>											
<b>31</b>	<b>45051031-Cut</b>	13.6	6129 - Mixed Coniferous Lowland Forest	9	76	111-140	Harvest	Seed Tree	6129 - Mixed Coniferous Lowland Forest	Planting Record	No
<p><u>Prescription</u> Mark 10-20 BA of red or white pine. Cut all other trees two inches and up except cedar, hemlock, yellow birch, and oak if present. Exclude areas too wet to harvest, especially across the pipeline. Retention will be the mature pine. Size and shape will li</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory); Planting, Interplant; SitePrep, Scarification</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Moderate to fully stocked black spruce, red pine, white pine, paper birch, red maple, aspen, or tamarack.</p> <p><u>Other Comment:</u> Dry or frozen conditions may be required for harvest.</p> <p><u>Site Condition:</u> Survey Needed</p> <p><u>Proposed Start Date:</u> 10/01/2026</p>											
<b>42</b>	<b>45051042-Cutx</b>	31.5	6122 - Black Spruce	6	92	141-170	Harvest	Clearcut	6122 - Black Spruce	Planting Record	No
<p><u>Prescription</u> Cut all trees 2" and up except hemlock, yellow birch, white pine, and oak if present. Mark clumps of 4-8 cedar trees throughout the treatment area. At least one clump per acre. Additional retention will be areas of the stand that are too wet. Treatment bo</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Moderate to fully stocked black spruce, fir, tamarack, maple, aspen, birch, and cedar.</p> <p><u>Other Comment:</u> Stand gets low in volume and wetter towards the lakeshore. Steep ridge down into stand. Will need to locate a place to get down. May need hill cut. Only set up for sale if a reasonable location for access can be found.</p> <p><u>Site Condition:</u> Road Needed</p> <p><u>Proposed Start Date:</u> 10/01/2026</p>											

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Treatment ID	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
47	45051047-Cut	33.1	6122 - Black Spruce	9	83	141-170	Harvest	Clearcut	6122 - Black Spruce	Planting Record	No
<p><u>Prescription</u> Cut all trees 2 inches and up except cedar, hemlock, yellow birch, and oak. Additionally, do not cut pine over 16". Buffer open water by 100'.  <u>Specs:</u> Retention will be the 16" white pine, buffers, and additional patches needed to reach 3-10% of the stand acreag</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)  <u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Moderate to fully stocked black spruce, white pine, balsam fir, aspen, paper birch, and red maple.</p> <p><u>Other Comment:</u> Treatment size and shape may change due to wet ground conditions and lack of volume. Winter or dry season harvest only.</p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/01/2026</p>											
54	45051054-Cut	19.5	4199 - Other Mixed Upland Deciduous	9	82	111-140	Harvest	Clearcut	4199 - Other Mixed Upland Deciduous	Planting Record	No
<p><u>Prescription</u> Cut all trees 2" and up at DBH except cedar, hemlock, oak, pine, and yellow birch. Buffer open water per BMPs. Retention will be the small islands that are part of the stand in addition to any area which is too wet to harvest. Stay on top of the steep rid  <u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)  <u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Moderate to fully stocked red maple, paper birch, balsam fir, spruce, aspen, tamarack, or other present species.</p> <p><u>Other Comment:</u> Low probability of pulling off this treatment. Access will need to be off of the pipeline.</p> <p><u>Site Condition:</u> Unknown Access</p> <p><u>Proposed Start Date:</u> 10/01/2026</p>											
61	45051061-Monitor	4.0	42140 - Planted Mixed Pine	0	4	Immature	Monitoring	Monitoring - Regeneration	42140 - Planted Mixed Pine	Planting Record	No
<p><u>Prescription</u> Continue monitoring for natural and artificial regeneration  <u>Specs:</u></p> <p><u>Next Step</u>  <u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Moderate to fully stocked aspen, red pine, white pine, red maple, spruce, and fir.</p> <p><u>Other Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/01/2026</p>											
66	45051066-Cut	24.1	429 - Mixed Upland Conifers	9	83	141-170	Harvest	Shelterwood	4319 - Mixed Upland Forest	Cutting Record	No
<p><u>Prescription</u> Cut all species but leave 30 BA of white pine. Also leave any cedar, yellow birch, hemlock, and oak. The white pine will act as retention.  <u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory); Planting, Interplant; SitePrep, Scarification  <u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Moderate to fully stocked white pine, spruce, fir, aspen, paper birch, and red maple.</p> <p><u>Other Comment:</u> Final size and shape may vary due to wet ground conditions.</p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/01/2026</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>69 45051069-Cut</b>	9.6	4191 - Mixed Upland Deciduous with Conifer	5	82	81-110	Harvest	Clearcut	4191 - Mixed Upland Deciduous with Conifer	Planting Record	No
<p><u>Prescription</u> Cut all trees 2" and up except white or red pine, cedar, hemlock, yellow birch, or oak. Only harvest the outer area of the ski trail and retain the interior portion. See site condition.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Moderate to fully stocked paper birch, aspen, red maple, jack pine, red pine, white pine, spruce, or fir.</p> <p><u>Other Comment:</u> Final size and shape may vary due to wet ground conditions.</p> <p><u>Site Condition:</u> Survey Needed</p> <p><u>Proposed Start Date:</u> 10/01/2026</p>										
<b>70 45051070-Cut</b>	10.7	429 - Mixed Upland Conifers	9	83	81-110	Harvest	Shelterwood	429 - Mixed Upland Conifers	Cutting Record	No
<p><u>Prescription</u> Cut all trees 2" and up, leaving 30 BA of white pine where possible.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory); Planting, Interplant; SitePrep, Scarification</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Moderate to fully stocked spruce, fir, white pine, aspen, birch, and red maple.</p> <p><u>Other Comment:</u> The ski trail skirts the north edge of the stand. Treat only to the south of it.</p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/01/2026</p>										

**Total Treatment Acreage Proposed: 183**

## Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Compartment: 51

Kenny Fanelli: Examiner

Year of Entry: 2027

### Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	Dominant Site Conditions											
		With Condition	Not Available		2B	2E	2I	5C	2H	3D	3J	3L	5D	5E		
102	98	0	4	Aspen												4
29	29	0	0	Bog												
2	2	0	0	Herbaceous Openland												
3	3	0	0	Jack Pine												
13	0	0	13	Lowland Aspen/Balsam Poplar											13	
165	13	78	74	Lowland Conifers		65	13		66						8	
128	0	18	110	Lowland Deciduous		18					34	75		2		
268	258	9	1	Lowland Shrub	9				1							
118	32	65	20	Lowland Spruce/Fir		65								20		
70	70	0	0	Marsh												
61	0	58	3	Mixed Upland Deciduous	48		10									3
14	14	0	0	Natural Mixed Pines												
4	4	0	0	Planted Mixed Pines												
317	3	0	314	Tamarack					18						297	
70	70	0	0	Treed Bog												
35	35	0	0	Upland Conifers												
286	0	109	177	Upland Mixed Forest				109		177						
16	16	0	0	Urban												
9	9	0	0	Water												
1,709	655	337	716	Total Forested Acres	58	148	23	109	85	177	34	75	339	7		
	38%	20%	42%	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	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	11	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Poor quality wet stand.							

## Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Kenny Fanelli: Examiner

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2	<b>Unavailable</b>	<b>2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)</b>	67	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Need to cross a bog to access this stand from state land.							
3	<b>Unavailable</b>	<b>5D: Unproductive forest land</b>	69	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Area of small diameter timber growing on wet mossy soils.							
4	<b>Unavailable</b>	<b>5E: Long-Term Retention</b>	3	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
5	<b>Available</b>	<b>2E: Road needed</b>	18	2I: Survey needed	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
6	<b>Unavailable</b>	<b>2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)</b>	7	2G: Too wet (sensitive soils, does not include access issues)	5D: Unproductive forest land	Unspecified	Unspecified
<b>Comments:</b> Very poor quality stand. Too wet with no access.							
7	<b>Unavailable</b>	<b>5D: Unproductive forest land</b>	13	2G: Too wet (sensitive soils, does not include access issues)	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	Unspecified	Unspecified
<b>Comments:</b> This is a poor quality aspen stand that is growing over tag alder. Stand is pretty wet and has no access to the east side of the tracks.							

## Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Kenny Fanelli: Examiner

Compartment: 51

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8	<b>Available</b>	<b>2B: Unknown if access through adjacent landowner(s) is possible</b>	36	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> To treat these stands they must be accessed from the private to the east. They are bound on the west side by the railroad tracks. There is also a very steep ridge between the two stands that would limit operations in this area.							
9	<b>Available</b>	<b>2B: Unknown if access through adjacent landowner(s) is possible</b>	21	2I: Survey needed	2E: Road needed	Unspecified	Unspecified
<b>Comments:</b> The pipeline is the only current access to this stand. It is unknown if the pipeline company will let us truck in the right of way. The right of way is very wet. The pipeline also crosses private property before reaching this stand. The old two track that leads to this area is a possibility but it crosses short beaver ponds that would require very cold weather and snow to freeze across.							
10	<b>Unavailable</b>	<b>5D: Unproductive forest land</b>	32	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Stand is essentially a treed bog. Not many trees and growing on very wet ground adjacent to wetlands.							
11	<b>Available</b>	<b>2E: Road needed</b>	65	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Access into this stand is unknown. A steep ridge along the Ski trail would prevent access and it is unknown if the pipeline right of way could be used during the winter for trucking.							
12	<b>Available</b>	<b>2E: Road needed</b>	65	2I: Survey needed	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
13	<b>Unavailable</b>	<b>3J: Water quality/BMPs (stream, river, or lake)</b>	34	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Leave stand as buffer along the lake.							

## Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Kenny Fanelli: Examiner

Compartment: 51

Year of Entry: 2027

14	<b>Unavailable</b>	<b>5D: Unproductive forest land</b>	226	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
15	<b>Unavailable</b>	<b>3J: Water quality/BMPs (stream, river, or lake)</b>	4	3J: Water quality/BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Wet swales in between the sand ridges.							
16	<b>Available</b>	<b>2I: Survey needed</b>	10	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
17	<b>Available</b>	<b>2I: Survey needed</b>	13	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
18	<b>Unavailable</b>	<b>3D: Recreational/scenic values</b>	130	2E: Road needed	Unspecified	Unspecified	Unspecified
<b>Comments:</b> This area is heavily used for hiking, dog walking, cross country skiing, and snowshoeing because of its location within the City of Sault Ste Marie. Recommend avoiding any harvesting in this area.							
19	<b>Unavailable</b>	<b>3L: Other wildlife concerns</b>	75	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
20	<b>Unavailable</b>	<b>5E: Long-Term Retention</b>	3	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Areas with too much pine to harvest							

## Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Kenny Fanelli: Examiner

Compartment: 51

Year of Entry: 2027

21	<b>Unavailable</b>	<b>3D: Recreational/scenic values</b>	48	Unspecified	Unspecified	Unspecified	Unspecified
<p><b>Comments:</b>                  These ridges are narrow and many have the Algonquin Ski Trail running along the tops making timber harvest difficult or impossible without severely impacting the recreational trail.</p>							
22	<b>Unavailable</b>	<b>5E: Long-Term Retention</b>	4	Unspecified	Unspecified	Unspecified	Unspecified
<p><b>Comments:</b></p>							
23	<b>Unavailable</b>	<b>3J: Water quality/BMPs (stream, river, or lake)</b>	1	Unspecified	Unspecified	Unspecified	Unspecified
<p><b>Comments:</b></p>							
24	<b>Available</b>	<b>5C: Delay treatment for age/size class diversity or exceptional site quality</b>	109	Unspecified	Unspecified	Unspecified	Unspecified
<p><b>Comments:</b></p>							

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

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

<b>SCA Name</b>	<b>SCA Category</b>	<b>Detail Type</b>	<b>Recommendation</b>	<b>Acres</b>
<b>Algonquin Ski Trail</b>	Concentrated Recreational Area	Trail - Trail Corridor	<b>SCA Proposal</b>	
<b>Comments</b> This is the lit loop of the Algonquin Ski Trail. Being in the city limits this trail gets heavy, year round use.				

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																																																		
<b>1</b>	4319 - Mixed Upland Forest	Sawtimber Well	323.9	82	81-110	N/A	Stand is full of ridges and swales. Some of the swales are a mix of tamarack and spruce while others are bog or tag alder. This stand is dominated by aspen, paper birch and red maple. There is white pine growing throughout this stand with some groves thick white pine. On the south side of the grade there is a small patch of red pine and some patches of jack pine. The tamarack and black spruce in the stand is growing on lower ground. The jack pine and paper birch are both in decline.																																																																																																		
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<b>2</b>	6220 - Alder/Willow	None	119.9			No	Tag alder with scattered paper birch, red maple and fir.																																																																																																		
<b>3</b>	6220 - Alder/Willow	None	3.8			No	Trail through stand is used to access the bay for ice fishing.																																																																																																		
<b>4</b>	122 - Road/Parking Lot	None	2.5			No	Tag alder with a few clones of aspen.																																																																																																		
<b>5</b>	6121 - Tamarack	Poletimber Medium	7.0	76	51-80	N/A	Appears to be low quality or possibly dead tamarack with some deciduous along the property line. No access.																																																																																																		
<b>6</b>	6220 - Alder/Willow	None	21.9			No																																																																																																			
<b>7</b>	6121 - Tamarack	Poletimber Medium	11.7	85	81-110	N/A	Poor quality wet stand. The west edge has stunted cedar then there is more tamarack/black spruce as you get into the interior of the stand. Data carried forward for 2027 YOЕ																																																																																																		
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<b>8</b>	6220 - Alder/Willow	None	22.0			No	Tag alder with a few clones of aspen.																																																																																																		
<b>9</b>	6225 - Bog	None	1.9			No	Mostly open bog area with some tamarack, white pine, spruce and tag alder																																																																																																		

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments					
10	6225 - Bog	None	8.0			No						
								<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>	
11	6239 - Mixed Emergent Wetland	None	49.3			No	Marsh with lots of beaver activity.					
								<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>	
12	500 - Water	None	6.0			No	Pond with some beaver activity					
13	6224 - Treed Bog	None	9.7			No	Mostly tamarack, white pine, spruce, paper birch and some tag alder.					
14	500 - Water	None	2.9			No						
15	6225 - Bog	None	5.2			No	fairly open bog area. North end is more of a treed bog with tamarack, white pine and paper birch.					
16	123 - Other High Intensity Urban	None	0.5			No	Railroad					
17	6112 - Lowland Aspen	Poletimber Medium	13.1	71	51-80	N/A	Stand is low wet ground. Looks like aspen clones are slowly taking over the tag alder.					
								<b>Canopy Species</b>	<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>
								Red Maple	30	Pole	8	
								Quaking Aspen	70	Pole/Log	8	71
								<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>	
Black Ash	Low	Variable	Variable									
Red Maple	Low	Variable	Variable									
Tag Alder	Medium	5 - 10 feet	5 - 10 feet									
18	6121 - Tamarack	Sapling Medium	73.7	56	Unspecified	N/A	Low quality tamarack bog with some spruce. Mostly tag alder.					
								<b>Canopy Species</b>	<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>
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White Pine	2	Sapling/Pole	3									

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<b>19</b>	4199 - Other Mixed Upland Deciduous	Sawtimber Well	24.3	99	81-110	N/A	Stand starts at the bottom of a big ridge and runs uphill to the east. As you go uphill it transitions from aspen to a paper birch/maple/red oak mix. A small intermittent streams runs east/west towards the south end of the stand.																																																																			
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<b>20</b>	629 - Mixed non-forested Wetland	None	9.3			No	Formerly a lowland ash stand but with that species largely dead from EAB its not unforested with some areas of balsam poplar regeneration. The portions of the stand that were more upland and contained red maple and aspen will be merged into the adjacent stand.																																																																			
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<b>21</b>	6121 - Tamarack	Sapling Poor	153.0	56	Unspecified	N/A	Low quality tamarack bog with some spruce. Mostly tag alder.																																																																			
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<b>22</b>	6220 - Alder/Willow	None	10.9			No																																																																				
<b>23</b>	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Medium	66.3	106	51-80	N/A	Stand is very tough to access even in the winter. Some cedar growing around the outside of the stand adjacent to the bog area. Wet ground with poor quality trees.																																																																			
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<b>25</b>	110 - Low Intensity Urban	None	2.8			No	Pipeline																																																																			

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<b>26</b>	6124 - Lowland Spruce-Fir	Sapling Poor	12.9	6		N/A	Regeneration is looking good, although the stand doesn't look fully stocked at this time. Tamarack and spruce are mostly what's coming in. This stand was cut in the fall of 2019. There is scattered pine left through out the stand.																																														
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<b>27</b>	6121 - Tamarack	Poletimber Poor	5.5	72	1-50	N/A	Poor quality stand that is wet.																																														
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<b>28</b>	310 - Herbaceous Openland	None	2.4			No																																															
<b>29</b>	6121 - Tamarack	Sapling Medium	16.3	76	Unspecified	N/A	Stand of stunted tamarack with some black spruce. Likely a bog that became forested over time.																																														
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<b>30</b>	42290 - Natural Mixed Pine	Sawtimber Medium	13.6	93	81-110	N/A	This stand was harvested in fall of 2019. A lot of red and white pine were left during the harvest. Ground is boggy in spots																																														
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<b>31</b>	6129 - Mixed Coniferous Lowland Forest	Sawtimber Well	13.6	76	111-140	N/A	Stand is a mix of black spruce and red pine. The ground is upland with a mostly pine near the west boundary and slopes down into a more mixed stand to the east.																																														
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<b>32</b>	6119 - Mixed Lowland Deciduous Forest	Poletimber Medium	75.1	67	51-80	N/A	Similar species to what can be found in stand 1 but this stand is less dense and has tag alder in the understory. Stand is below a decent ridge that has a few old hill-cuts. Pockets of ash and tag alder in the stand. Stand has some ridge and swale topography with some ridges of decent timber. Overall a poor quality stand. The east side of the stand has more cedar and spruce.																																																									
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<b>33</b>	6125 - Lowland Black Spruce, Jack Pine	Sapling Poor	7.7	51	Unspecified	N/A	Bog with sparse tree cover. Surprisingly, there is stunted red pine growing here and there.																																																									
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<b>34</b>	6220 - Alder/Willow	None	47.2			No	Tag alder with scattered pole size paper birch and tamarack.																																																									
<b>35</b>	6224 - Treed Bog	None	33.8			No	Almost called this a forested stand. Very wet ground with stunted cedar growing on it. There are little "ponds" and drainages throughout the stand.																																																									
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<b>36</b>	6121 - Tamarack	Poletimber Poor	3.1	67	1-50	N/A	Small swale or treed bog that is part of the ridge and swale complex common throughout this area.																																																									
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<b>37</b>	6224 - Treed Bog	None	2.4			No																																																										

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																
<b>38</b>	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	72.2	103	111-140	N/A	Ridge and swale. Heavy mix of species with paper birch and red maple found on the ridges. Lows contain spruce, fir, and tamarack mostly. Over-all this stand is wetter than stand 1.																																																																
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<b>39</b>	6122 - Black Spruce	Poletimber Medium	7.3	69	1-50	N/A	This stand was shaved off of the adjacent spruce stand while setting up the timber sale. This stand is much wetter and contains smaller diameter trees and not as high of canopy closure. There are scattered larger pine and tamarack.																																																																
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<b>40</b>	6121 - Tamarack	Poletimber Medium	32.4	77	51-80	N/A	Poor quality Tamarack and black spruce surrounding the wetlands. More spruce to the south and tamarack to the north.																																																																
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<b>41</b>	6224 - Treed Bog	None	11.6			No	White pine, tamarack, spruce and some tag alder.																																																																
<b>42</b>	6122 - Black Spruce	Poletimber Well	65.4	92	141-170	N/A	Stand is thicker along the south east end with spruce and cedar. Thins out towards the north west where tag alder gets thicker.																																																																
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<b>43</b>	6239 - Mixed Emergent Wetland	None	9.1			No	Various beaver dams and floodings.																																																																
<b>44</b>	6225 - Bog	None	6.7			No	Middle portion of this stand is very wet and open. North and south fingers are more of a treed bog.																																																																

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45	6224 - Treed Bog	None	3.6			No	White pine, tamarack, spruce and a few jack pine.																																																									
46	6119 - Mixed Lowland Deciduous Forest	Sawtimber Medium	19.2	74	51-80	N/A	Stand is decent right at the northern boundary but is sparser and wetter towards the south end.																																																									
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47	6122 - Black Spruce	Sawtimber Well	32.1	83	141-170	N/A	Nice black spruce stand with white pine. Smaller diameters in the south end of the stand.																																																									
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48	6225 - Bog	None	2.7			No	Mostly open bog with tag alder around the edges and some scattered trees																																																									
49	6121 - Tamarack	Poletimber Poor	17.3	73	1-50	N/A	Tamarack with lots of tag alder underneath.																																																									
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50	6119 - Mixed Lowland Deciduous Forest	Poletimber Medium	33.7	61	51-80	N/A	Poor quality mixed deciduous stand. Much less ash than last YOE.																																																									
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51	6239 - Mixed Emergent Wetland	None	11.2			No	This stand is seasonally flooded and seems like at least a portion of the stand holds water all year. Scattered trees throughout the stand.																																																									
52	6224 - Treed Bog	None	6.7			No	Mostly tamarack with some spruce and paper birch. tag alder underneath in a few spots.																																																									

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																																	
<b>53</b>	42220 - Natural Jack Pine	Sapling Medium	3.2	7	Immature	N/A	Small ridge regenerating with mostly jack pine. Cut in 2019																																																																																	
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<b>54</b>	4199 - Other Mixed Upland Deciduous	Sawtimber Well	21.2	82	111-140	N/A	This is a red maple/birch stand. Most of the stand is an upland covertype but there is a Q component in the east side of the stand along the L. Thick balsam fir in the understory. Aspen and birch is declining. Steep ridge on the western boundary towards the lakeshore.																																																																																	
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<b>55</b>	6220 - Alder/Willow	None	2.2			No	Alder around the outside with wetland in the middle.																																																																																	
<b>56</b>	6224 - Treed Bog	None	2.0			No	Tamarack, spruce, paper birch and some tag alder.																																																																																	
<b>57</b>	6220 - Alder/Willow	None	2.5			No																																																																																		
<b>59</b>	6225 - Bog	None	4.2			No	fairly open bog area. North end is more of a treed bog with tamarack, white pine and paper birch.																																																																																	
<b>60</b>	6122 - Black Spruce	Poletimber Well	13.4	91	51-80	N/A	Poor black spruce that wasn't cut last entry due to being too wet.																																																																																	
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<b>61</b>	42140 - Planted Mixed Pine	Unspecified	4.0	4	Immature		Stand is still largely unforested. The seedlings planted seems mostly alive still but are growing slow. They're only about shin high after 3 growing seasons. A few more years and it should be in good shape with the natural regeneration that's also coming in. This stand was cut in 2018. The original prescription was for it to be planted to a mix of pines after harvest. In May of 2022 red and white pine seedlings were planted by DNR staff. This was not a full, initial plant. These seedlings were scattered throughout the more open areas in this stand. Some areas of the stand have aspen regen coming up.																																																																																	

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																						
<b>62</b>	4130 - Aspen	Sapling Well	27.2	8		N/A	Stand has regenerated well with aspen and some red maple. Scattered mature white pine was left during the harvest. Stand was cut in 2018.																																																						
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<b>63</b>	4133 - Aspen, Mixed Pine	Sapling Well	98.1	8	1-50	N/A	Stand has regenerated well with aspen, maple, and birch. There is a significant amount of mature pine and other species left during the harvest. Stand was cut in 2018-2019. Cedar, pine and maple were left during the harvest.																																																						
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<b>64</b>	123 - Other High Intensity Urban	None	1.1			No	Railroad																																																						
<b>65</b>	6220 - Alder/Willow	None	1.5			No																																																							
<b>66</b>	429 - Mixed Upland Conifers	Sawtimber Well	24.1	83	141-170	N/A	Stand has a ridge and swale complex. 50/50 upland and lowland. Mix of mostly black spruce and white pine.																																																						
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<b>67</b>	6220 - Alder/Willow	None	1.3			No	Tag alder with scattered paper birch, red maple and fir.																																																						
<b>68</b>	4199 - Other Mixed Upland Deciduous	Sawtimber Medium	3.9	88	51-80	N/A	Was part of stand 20 but delineated it out after all the ash died. Mix of low quality upland species.																																																						
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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**69** 4191 - Mixed Upland Deciduous with Conifer Poletimber Medium 12.4 82 81-110 N/A South end of stand 1. Mostly birch with white and jack pine

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	10	Pole/Log	9	
Paper Birch	50	Pole	7	82
Black Spruce	10	Pole/Log	9	
White Pine	10	Log	14	
Jack Pine	20	Log/Pole	12	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	High	Variable	Variable

**70** 429 - Mixed Upland Conifers Sawtimber Well 11.0 83 81-110 N/A Split from stand 1. Mostly white pine with spruce and birch

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	5	Log/Pole	10	
Paper Birch	5	Pole/Log	9	
Quaking Aspen	10	Log/Pole	10	
Black Spruce	25	Pole/Log	9	
White Pine	55	Log/Pole/XLog	15	83

**71** 110 - Low Intensity Urban None 8.9 No

**74** 6229 - Mixed Lowland Shrub None 35.6 No Stand contains a beaver flooding.