

Compartment Review Presentation

Sault Ste. Marie Forest Management Unit

Compartment 45057

Entry Year: 2027

Acreage: 1,928

County: Chippewa

Management Area: Rudyard Silty Lake Plain

Stand Examiner: Louis Radecki

Legal Description:

T44N R1E Sec 25, 26, 34, 36

Identified Planning Goals:

To regenerate mature aspen and balsam poplar stands to develop a sustainable age class distribution regime for those species and enhance wildlife habitat. To prescribe treatments in the lowland areas which are conducive to protecting water quality. To rotate hardwood harvests for optimal regeneration and stocking of all age classes for sustainability as well as providing habitat for various species. To maintain openings as needed to manage for wildlife habitat, including waterfowl. To provide reasonable public access for multiple use recreation such as hunting, trail riding, camping, and hiking, while protecting the natural resources.

Soil and topography:

Kalkaska-Rubicon: deep, level to steep, excessively drained sandy soils on outwash plains and ground moraines on the west side. Markey Dawson: deep, level, poorly drained mucky and peaty soils on outwash plains, lake plains, and ground moraines on the east side. Topography is flat on the west side to the ridge leading down into the Gogomain swamp on the east side.

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

The compartment is two blocks separated and surrounded by private land, mostly active farms, on the south and west side. Some hunting camps on the private parcels within and surrounding the compartment. The north side is State land and the east side is Munuscong Bay. Land use is hunting, trail riding, and timber and wildlife management. Landscape level management is limited here but proper planning is crucial to sustainability.

Unique Natural Features:

Munuscong Bay borders the east side.

Archeological, Historical, and Cultural Features:

None known.

Special Management Designations or Considerations:

Munuscong Bay

Watershed and Fisheries Considerations:

This compartment contains Lake Huron shoreline along Munuscong Bay within the St. Marys River. Munuscong Bay provides important spawning and nursery habitat for walleye. Recommend that a buffer strip (no clear cutting) of at least 100 feet be maintained in Stand 18, and that best management practices be applied to minimize erosion and sedimentation into Munuscong Bay.

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. The compartment is adjacent to Munuscong Bay and is in the southern part of the Munuscong Bay State Wildlife Management Area. Lowland types ranging from marsh and lowland hardwoods to cedar dominate close to the bay. Near-shore areas provide nesting habitat for some raptors and cavity-nesting waterfowl as well as other migratory bird species. Further inland, aspen, northern hardwoods, and some red pine stands are present. A prominent ridge runs from northwest to southeast through part of the compartment. The southern end of the compartment is in deer wintering complex. Wildlife objectives include maintaining stands close to the bay to provide nesting habitat for cavity-nesting waterfowl and raptors as well as shoreline areas for marsh birds and other species, maintaining conifer cover in the deer wintering complex, maintaining aspen where it exists, and promoting diversity in northern hardwoods. Most planned management is on the southwestern part of the compartment. Stands in deer wintering complex will generally be cut during the winter months so tops are available as browse for deer. Young deciduous growth resulting from some management activities will favor American woodcock, deer, and ruffed grouse among others. Mast sources will generally be retained to maintain or increase food

sources. Activities should be conducted in accordance with the Munuscong Bay State Wildlife Management Area Management Plan.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of lacustrine sand and gravel, peat and muck, and coarse-textured till. The glacial drift thickness varies between 50 and 200 feet. The Ordovician Richmond Group subcrops below the glacial drift. Some of the units of this group could be used for stone. There may be a small gravel pit in Section 35 as well as one in Section 3 (T43N R1E) and a larger pit in Section 11 (T43N R1E) less than two miles south of the compartment. Sand and gravel potential appears to be good in this area. There is no current economic oil and gas production in the UP.

Vehicle Access:

Gogomain road and 23 mile road provide access to this compartment. The two roads are connected by a county road which is gated off but also used as the snowmobile trail. From these main roads several other two tracks can be accessed.

Survey Needs:

Multiple corners will be needed before setting up a timber sale in this area.

Recreational Facilities and Opportunities:

The snowmobile trail goes through but no facilities exist. Hunting is a primary activity.

Fire Protection:

Good access to the south and west parts. Limited access to the north and east through private property. Water sources are scarce but can be found a few miles away in the surrounding areas.

Additional Compartment Information:

A Forest Treatment Proposal (FTP) has been approved to treat invasive phragmites and frogbit along the Munuscong Bay shoreline. Treatments as per work instructions and FTP may occur along the shoreline as necessary to slow the colonization of invasive species.

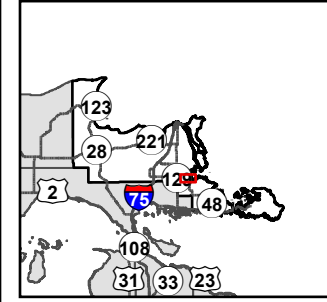
The following reports from the Inventory are attached:

- 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**

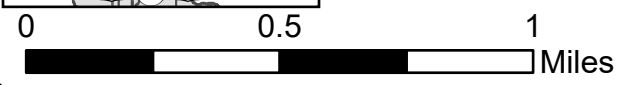
The following information is displayed, where pertinent, on the attached compartment maps:

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

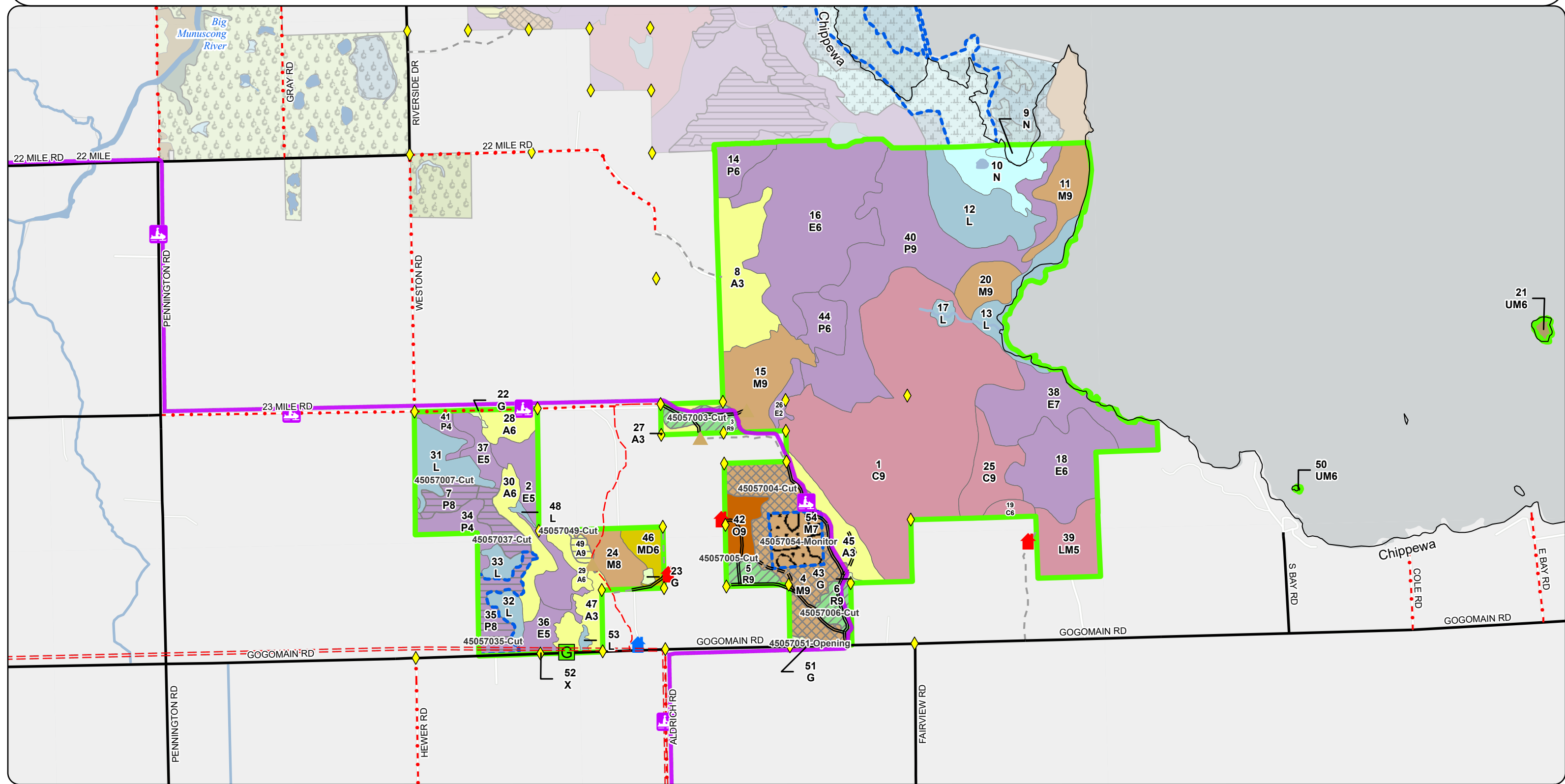
Cover Type & Treatments Map



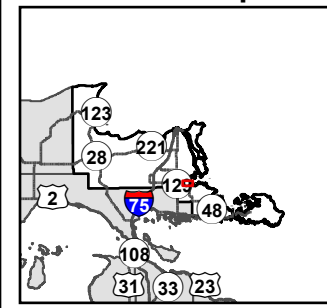
Compartment: 45057
 T44N, R01E, Sec: 25, 26, 34-36
 County: Chippewa
 Unit: Sault Ste. Marie
 Mgmt. Area: Rudyard Silty Lake Plain
 YOE: 2027
 Acres: 1,928 GIS Calculated
 Examiner: Louis Radecki
 Date Exported: 2/4/2026
 Map Phase: Post Review



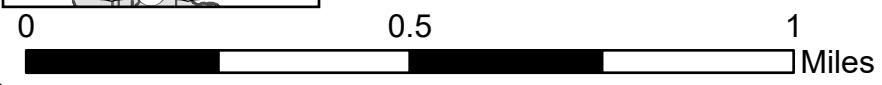
- Survey Grade Corners
- Cabin
- House
- Berm
- Gate
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Streams
- Lakes and Rivers
- Compartment Boundary
- Clearcut
- Selection
- Thinning
- Openings Mgmt.
- Monitoring
- Treatments with Site Conditions
- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 122 - Road/Parking Lot
- 310 - Herbaceous Openland
- 622 - Lowland Shrub
- 623 - Emergent Wetland



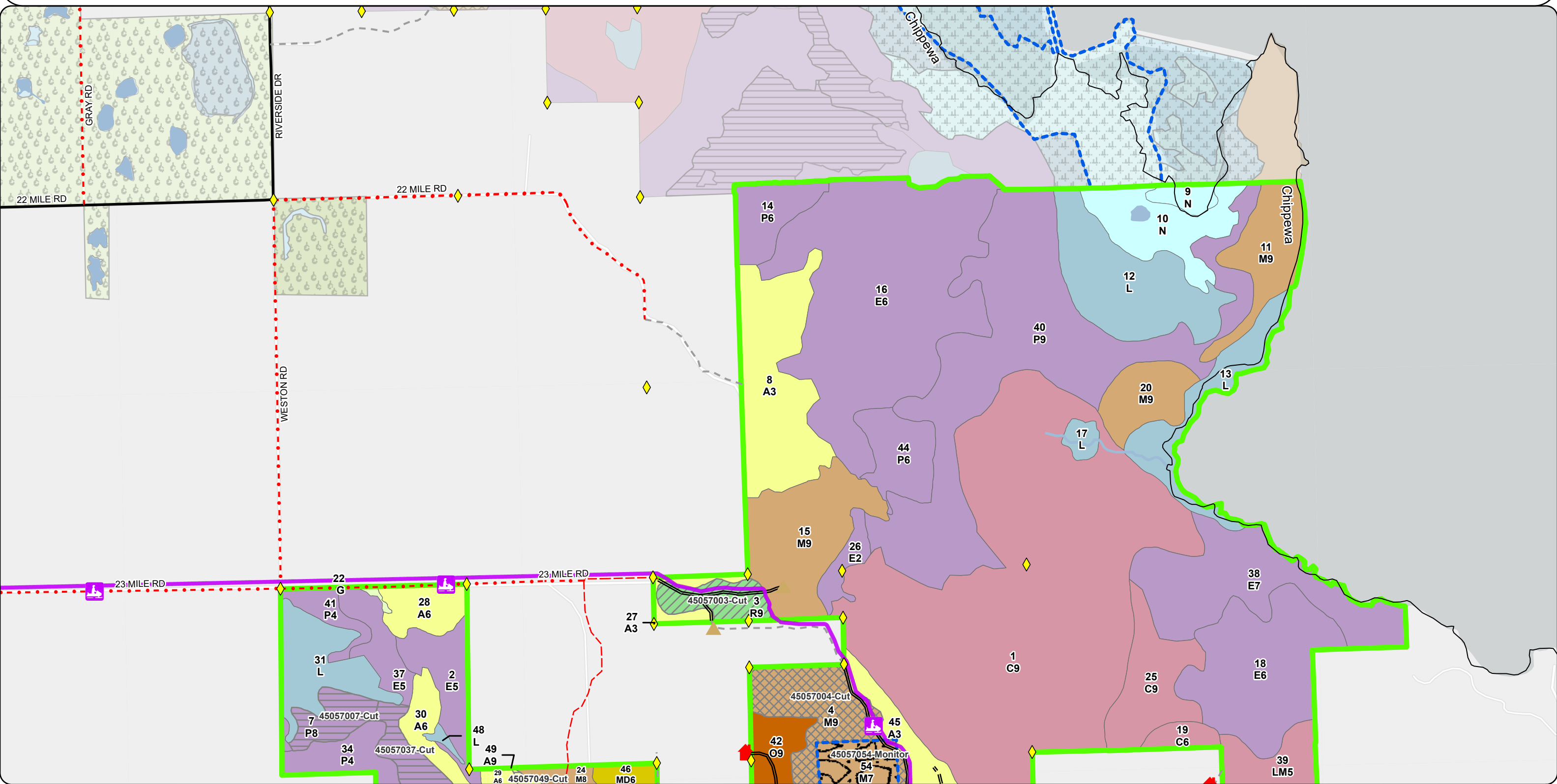
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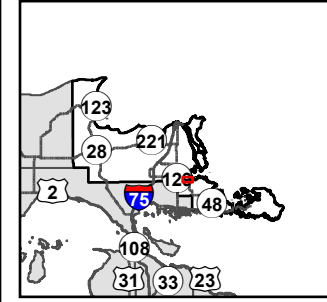
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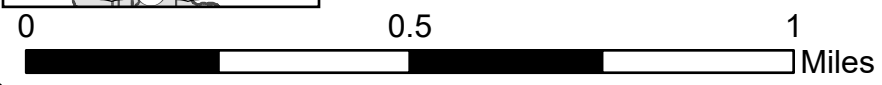
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|---------------------------------------|-------------------------------|---------------------------------|---------------------------------|
| Survey Grade Corners | County - Dirt Road (Seasonal) | Thinning | 421 - Planted Pines |
| Cabin | Private - Dirt / Gravel Road | Monitoring | 611 - Lowland Deciduous Forest |
| Berm | Streams | Treatments with Site Conditions | 612 - Lowland Coniferous Forest |
| DNR - Secondary Forest Road | Lakes and Rivers | 411 - Northern Hardwood | 613 - Lowland Mixed Forest |
| DNR - Forest Access Route | Compartment Boundary | 412 - Oak Types | 310 - Herbaceous Openland |
| Federal / State / County - Paved Road | Clearcut | 413 - Aspen | 622 - Lowland Shrub |
| County - Gravel Road | Selection | 419 - Mixed Upland Deciduous | 623 - Emergent Wetland |



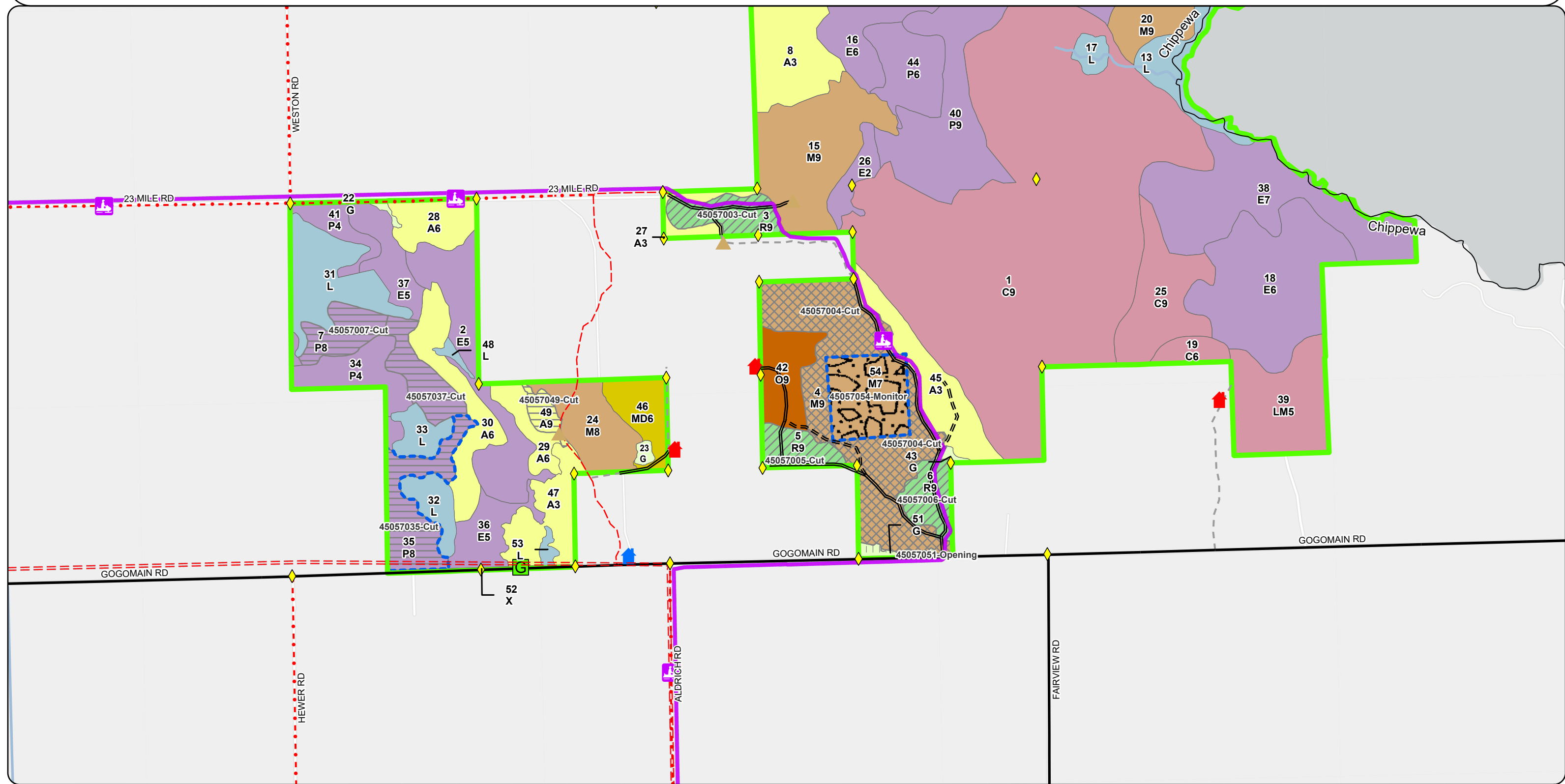
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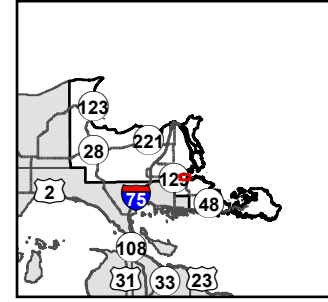
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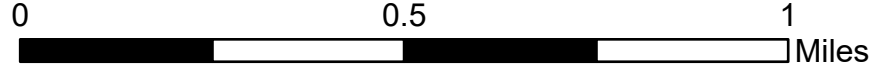
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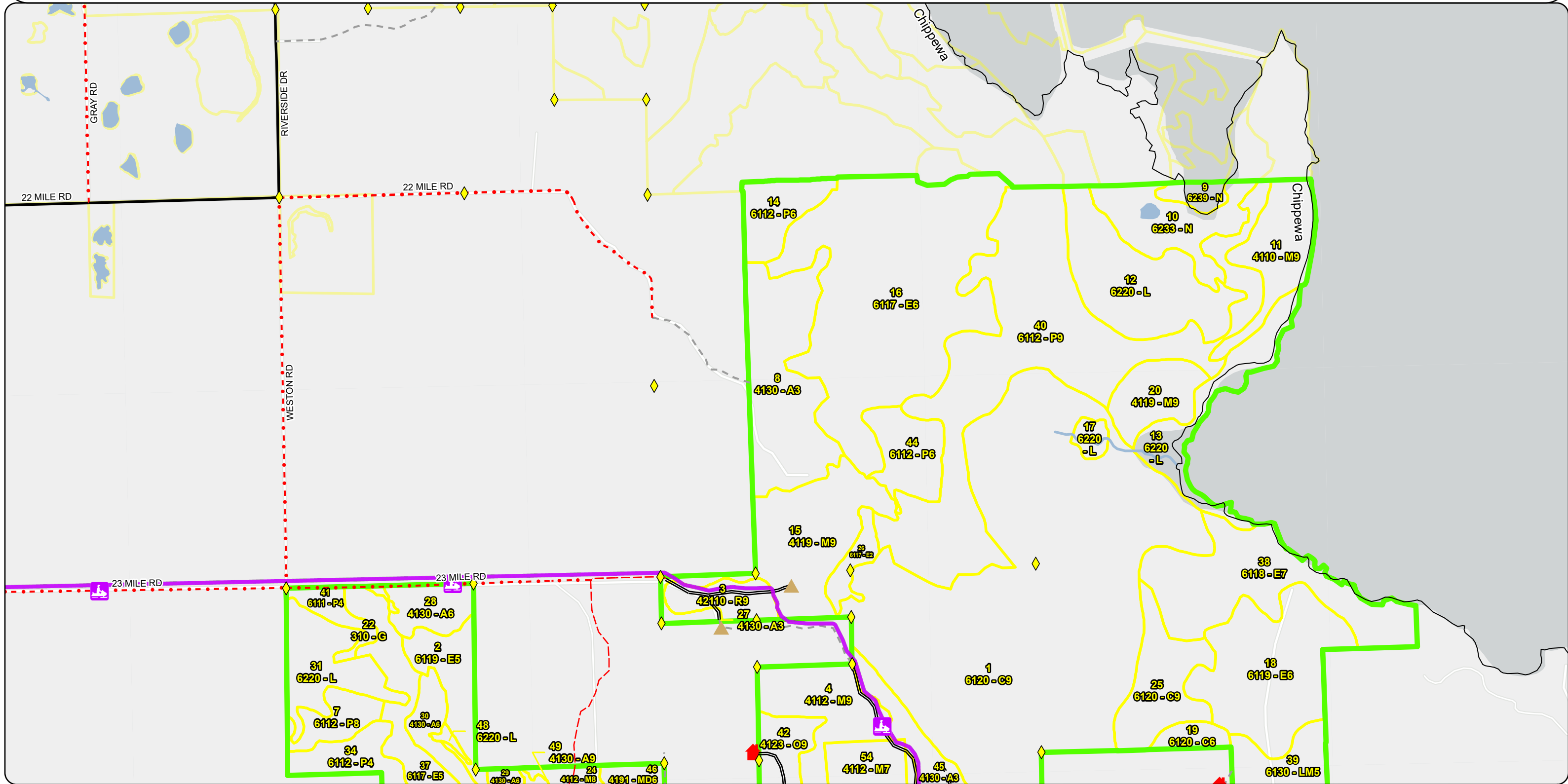
Stand Boundary Map



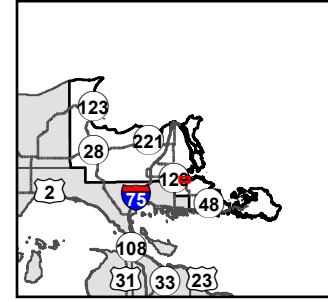
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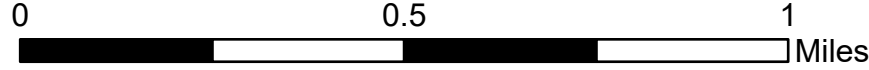
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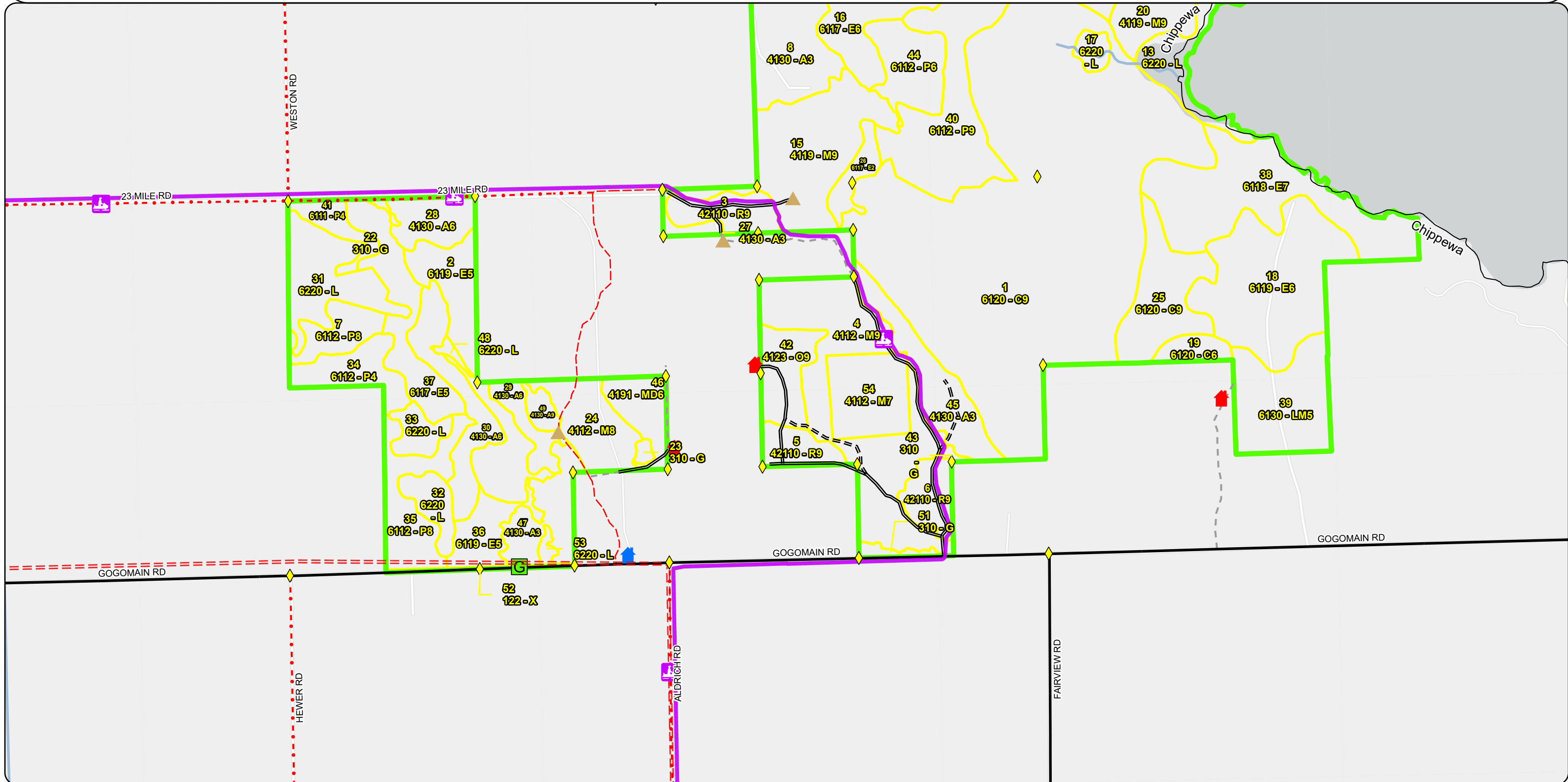
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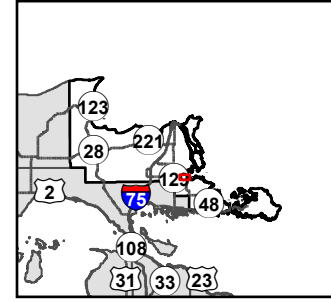
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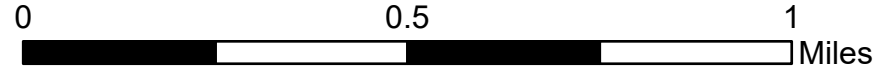
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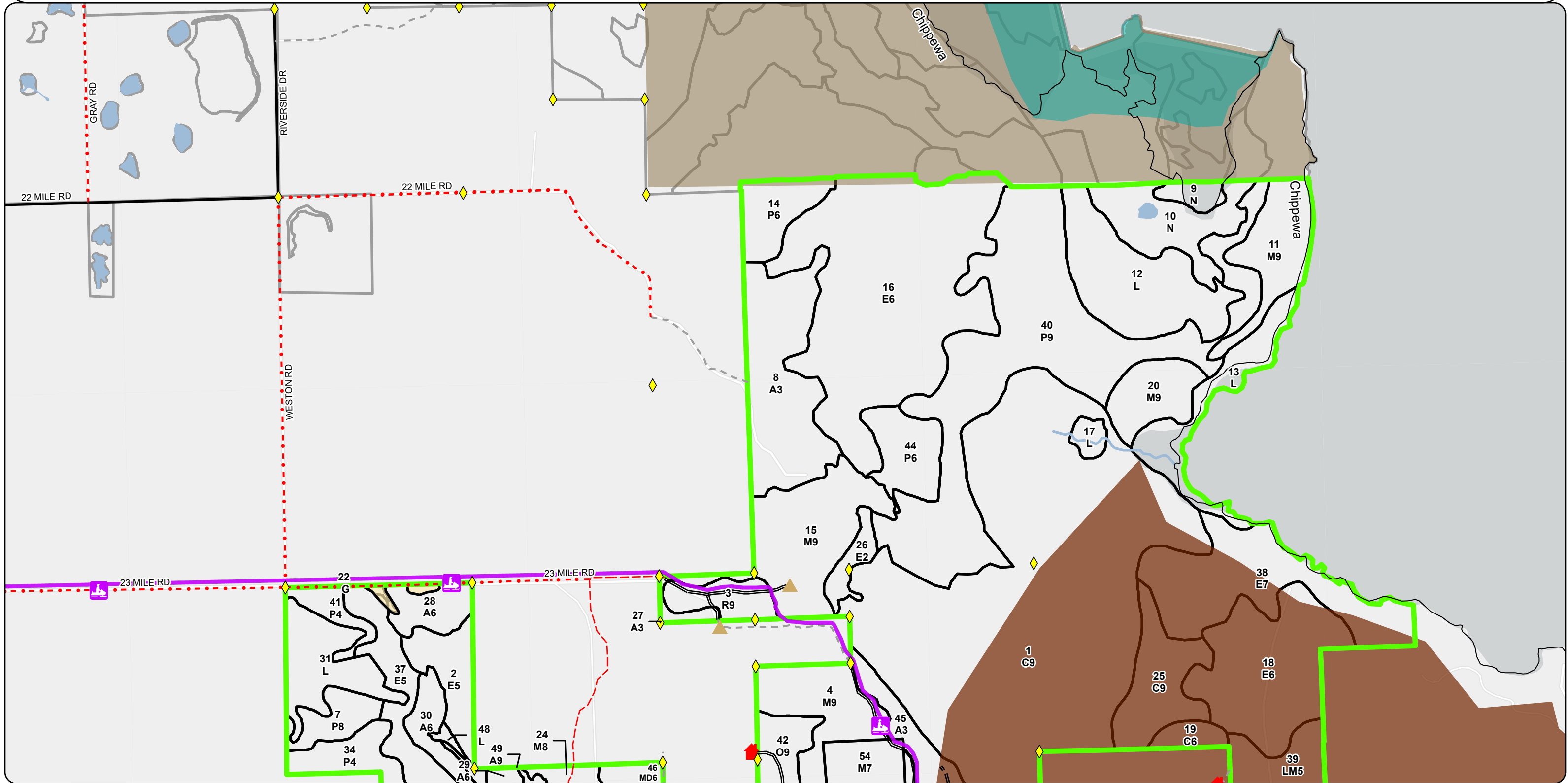
**Special Conservation Areas
& Site Conditions Map**



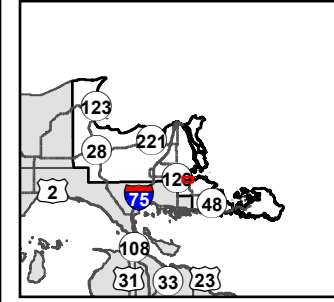
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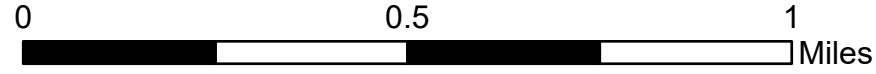
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- Compartment Boundary
- Stand Boundaries
- Coastal Environmental Areas
- Dedicated Management Areas
- SCA
- Deer Winter Range
- Sand or Gravel Pit



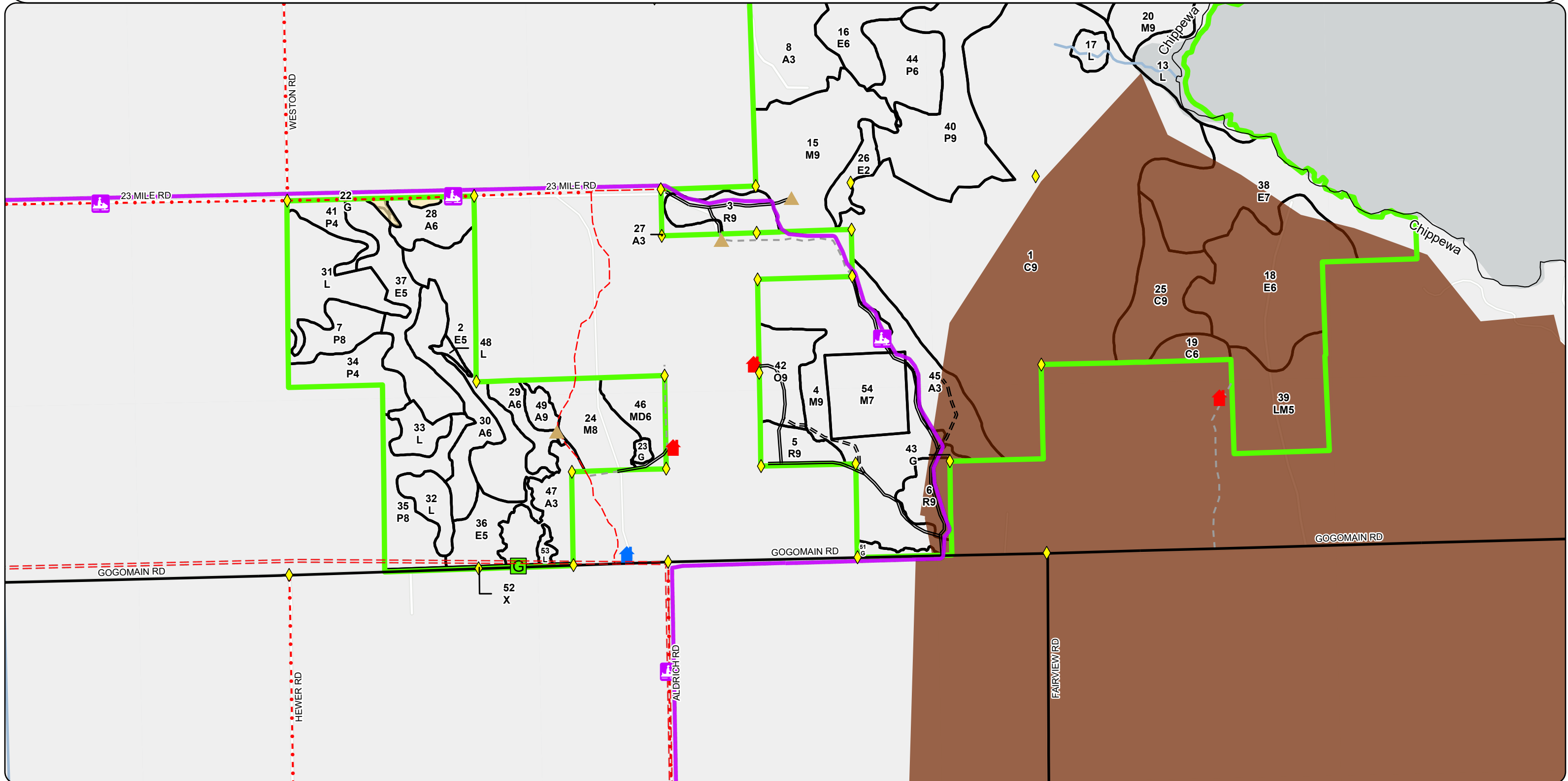
**Special Conservation Areas
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Report 1 – Total Acres by Cover Type and Age Class

Sault Ste. Marie Mgt. Unit

Compartment 57 Year of Entry 2027

Louis Radecki: Examiner

Age Class

	<i>Non-Forest</i>	<i>0-9</i>	<i>10-19</i>	<i>20-29</i>	<i>30-39</i>	<i>40-49</i>	<i>50-59</i>	<i>60-69</i>	<i>70-79</i>	<i>80-89</i>	<i>90-99</i>	<i>100-109</i>	<i>110-119</i>	<i>120-129</i>	<i>130-139</i>	<i>140-149</i>	<i>150+</i>	<i>Unseen-Aged</i>	<i>Total</i>
Aspen	0	31	100	0	55	0	0	6	0	0	0	0	0	0	0	0	0	0	192
Cedar	0	0	0	0	0	0	0	0	0	8	0	0	0	36	373	0	0	0	417
Exposed Rock	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Herbaceous Openland	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Lowland Aspen/Balsam Poplar	0	0	0	22	25	0	10	20	28	182	0	15	0	0	0	0	0	0	302
Lowland Deciduous	0	0	10	0	0	0	0	91	182	33	117	0	0	0	0	0	0	0	432
Lowland Mixed Forest	0	0	0	0	0	0	0	43	0	0	0	0	0	0	0	0	0	0	43
Lowland Shrub	158	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	158
Marsh	43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	43
Mixed Upland Deciduous	0	0	0	0	0	0	0	0	0	17	0	0	0	0	0	0	0	0	16
Northern Hardwood	0	0	0	0	0	0	0	0	0	110	84	57	0	0	0	0	0	0	251
Oak	0	0	0	0	0	0	0	0	0	0	0	21	0	0	0	0	0	0	21
Red Pine	0	0	0	0	0	0	0	42	0	0	0	0	0	0	0	0	0	0	42
Upland Mixed Forest	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	4
Urban	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Total	210	31	110	22	80	0	14	202	210	350	201	93	0	36	373	0	0	0	1930

Report 2 – Treatment Summary

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

Acres of Harvest

Compartment 57
Total Compartment Acres: 1,928

Commercial Harvest - 357
Harvests with Site Condition - 52
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	6	0	0	0	0	0	0	0	0	6
Lowland Aspen/Balsam Poplar	40	0	0	0	0	0	0	0	0	40
Lowland Deciduous	16	0	0	0	0	0	0	0	0	16
Northern Hardwood	0	81	0	0	0	0	0	0	0	81
Red Pine	0	0	0	0	0	42	0	0	0	42
Total	62	81	0	0	0	42	0	0	0	185

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	185	0	0	0	0	0	29	0	0	217
Next Step	0	0	0	0	0	0	227	0	0	227
Total	185	0	0	0	0	0	256	0	0	443

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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:

3	45057003-Cut	16.1	42110 - Planted Red Pine	9	64	171-200	Harvest	Thinning	4211 - Planted Red Pine	Planting Record	No
<p><u>Prescription</u> Thin stand to 120 BA. Avoid non-target species where possible to provide greater stand diversity.</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u></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> 10/01/2026</p>											
4	45057004-Cut	81.0	4112 - Maple, Beech, Cherry Association	9	88	81-110	Harvest	Selection	411 - Northern Hardwood	Cutting Record	No
<p><u>Prescription</u> Create gaps in accordance with northern hardwood management guidance. Gaps will range in size from 0.2 acres to .7 acres (approx 50' - 100' radius). Focus gaps on areas where "robust" regeneration (seedlings > 2.5' in height) are present. Total gap area</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Intermediate); Monitoring, Natural Regen (Intermediate)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Sugar maple, red maple, oak, basswood, yellow birch, hemlock, pine.</p> <p><u>Regen:</u></p> <p><u>Other</u> Look for opportunities to promote underrepresented species. Place gaps to avoid the harvest of underrepresented species. Utilize larger gap sizes adjacent less shade tolerant species such as oak, yellow birch, and basswood.</p> <p><u>Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/01/2026</p>											
5	45057005-Cut	12.0	42110 - Planted Red Pine	9	64	171-200	Harvest	Thinning	4211 - Planted Red Pine	Planting Record	No
<p><u>Prescription</u> Thin stand to 120 BA. Avoid non-pine species where possible to promote diversity.</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u></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> 10/01/2026</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
6 45057006-Cut	13.9	42110 - Planted Red Pine	9	64	141-170	Harvest	Thinning	4211 - Planted Red Pine	Planting Record	No
<p><u>Prescription</u> Thin stand to 120 BA. Avoid harvesting oak or maple where possible for diversity. <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> pine, oak <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026</p>										
7 45057007-Cut	14.2	6112 - Lowland Aspen	8	102	81-110	Harvest	Clearcut	6112 - Lowland Aspen	Planting Record	No
<p><u>Prescription</u> Harvest all trees down to 2 inches. Do not cut Cedar, oak, pine, or hemlock. Winter cut only due to wet ground conditions. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Aspen, Balsam poplar, spruce, fir, maple <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026</p>										
35 45057035-Cut	26.1	6112 - Lowland Aspen	8	76	81-110	Harvest	Clearcut	6112 - Lowland Aspen	Planting Record	No
<p><u>Prescription</u> Cut all trees to 2" DBH. Do not cut yellow birch, cedar, hemlock, oak, pine. Winter cut only due to wet ground conditions. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> aspen, balsam poplar, spruce, fir, birch, maple <u>Regen:</u> <u>Other</u> Retention will be provided by portion of stand represented by site condition 5E-9. <u>Comment:</u> <u>Site Condition:</u> Survey Needed <u>Proposed Start Date:</u> 10/01/2026</p>										
37 45057037-Cut	16.3	6117 - Lowland Deciduous, Mixed Coniferous	5	82	81-110	Harvest	Clearcut	6117 - Lowland Deciduous, Mixed Coniferous	Planting Record	No
<p><u>Prescription</u> Cut all trees down to 2" DBH. Do not cut cedar, yellow birch, oak, pine, or hemlock. Winter cut only due to wet ground conditions. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Balsam poplar, aspen, birch, maple fir, spruce. <u>Regen:</u> <u>Other</u> Only cutting southern half of the stand. Retention goals will be met by the no-cut species. <u>Comment:</u> <u>Site Condition:</u> <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
49 45057049-Cut	5.5	4130 - Aspen	9	68	111-140	Harvest	Clearcut	413 - Aspen	Planting Record	No
<p><u>Prescription</u> Cut all trees down to 2" except do not cut red oak, hemlock, or pine. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable Regen:</u> aspen, red maple, spruce, fir. paper birch <u>Other Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026</p>										
51 45057051-Opening	2.5	310 - Herbaceous Openland	99			Openings Mgmt.	Openings Mgmt.	3303 - Mixed Low Density Trees	Previous Inventory	No
<p><u>Prescription</u> Remove scotch pine <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable Regen:</u> It will be acceptable for this stand to regenerate to natural species such as maple, aspen, jack pine, red pine, white pine, cherry, fir spruce, oak. <u>Other Comment:</u> Percent to Treat = 100% <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026</p>										
54 45057054-Monitor	29.0	4112 - Maple, Beech, Cherry Association	7	88	1-50	Monitoring	Monitoring	4112 - Maple, Beech, Cherry Association	Planting Record	No
<p><u>Prescription</u> Monitoring of research results to be done by MSU (MWR research project) <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable Regen:</u> maple, cherry, oak, aspen, basswood <u>Other Comment:</u> <u>Site Condition:</u> Research Study <u>Proposed Start Date:</u> 10/01/2026</p>										

Total Treatment Acreage Proposed: 216.6

Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Louis Radecki: Examiner

Compartment: 57

Year of Entry: 2027

Availability for Management

Total Acres	Acres Available	Acres Avail		Acres Not Available	Dominant Site Conditions	Dominant Site Conditions										
		With Condition	Not Available			2B	2I	5B	5C	5G	2F	3H	3L	5D	5E	
171	161	0	11	Aspen						6						5
417	0	0	417	Cedar							239	178				
0	0	0	0	Exposed Rock												
7	7	0	0	Herbaceous Openland												
287	56	26	205	Lowland Aspen/Balsam Poplar		26							182	20		3
362	207	132	23	Lowland Deciduous	74			58					23			
43	43	0	0	Lowland Mixed Forest												
158	158	0	0	Lowland Shrub												
10	7	0	3	Marsh									3			
16	17	0	0	Mixed Upland Deciduous												
251	165	29	57	Northern Hardwood					29				57			
20	0	20	0	Oak			20									
42	42	0	0	Red Pine												
4	4	0	0	Upland Mixed Forest												
2	2	0	0	Urban												
1,789	868	206	715	Total Forested Acres	74	26	20	58	29	6	239	443	20			7
	49%	12%	40%	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	Available	5B: Maintain for regeneration purposes	20	Unspecified	Unspecified	Unspecified	Unspecified
Comments: The stand was opened up last time it was harvest and it is not yet ready for another treatment.							
2	Unavailable	3L: Other wildlife concerns	33	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	Unspecified	Unspecified	Unspecified
Comments: Hardwood island with no access. Stand is within a half mile of the water therefore according to the Munuscong plan it should not be harvested and allow to function naturally.							

Report 4 – Site Conditions

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3	Unavailable	3L: Other wildlife concerns	24	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	Unspecified	Unspecified	Unspecified
Comments: Hardwood island with no access. Stand is within a half mile of the water therefore according to the Munuscong plan it should not be harvested and allow to function naturally.							
4	Unavailable	5D: Unproductive forest land	20	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							
5	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	16	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Unavailable	3L: Other wildlife concerns	23	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Shoreline buffer							
8	Unavailable	3L: Other wildlife concerns	173	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Wildlife would like to leave this shoreline stand for cavity nesters and for raptor nests.							

Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

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9	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
10	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	30	Unspecified	Unspecified	Unspecified	Unspecified
Comments: North portion of this stand should be looked at again in 10 years.							
11	Available	5G: Research Study	29	Unspecified	Unspecified	Unspecified	Unspecified
Comments: MSU research plot							
12	Available	2B: Unknown if access through adjacent landowner(s) is possible	74	2I: Survey needed	Unspecified	Unspecified	Unspecified
Comments: Site Condition will be removed if adjacent landowner allows access.							
13	Unavailable	2F: Too steep	6	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
Comments:							
14	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	12	Unspecified	Unspecified	Unspecified	Unspecified
Comments: This treatment is available as an optional unit on the adjacent timber sale. If they do not cut it we will add this area to the portion of the stand to the north.							
15	Unavailable	5E: Long-Term Retention	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Area with hemlock/white pine and vernal ponds being left for retention and habitat connectivity.							

Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

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Compartment: 57

Year of Entry: 2027

16	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	239	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
17	Unavailable	3L: Other wildlife concerns	191	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Other half of the cedar stand which was not included in the deer yard.							
19	Available	2I: Survey needed	26	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

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
Chippewa County Road Commission	Mineral Resource Area	Sand or Gravel Pit	SCA	3
Comments				
No Site Condition				

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments	
1	6120 - Lowland Cedar	Sawtimber Well	373.0	137	171-200	N/A	Obvious spruce budworm damage in this stand. Some areas of very large cedar and other of sapling size depending on how wet it is. Very thick understory. There were some strips cut in the west side of this stand about 40 years ago. They have regenerated to very dense balsam fir.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Red Maple		2	Pole	5		Northern White Cedar		
Paper Birch		3	Pole/Log	8		Labrador Tea		
Balsam Poplar		2	Pole	9		Balsam Fir		
Balsam Fir		15	Pole	6				
Northern White Cedar		77	Log/XLog	15	137			
White Pine		1	XLog	22				
2	6119 - Mixed Lowland Deciduous Forest	Poletimber Medium	42.1	94	51-80	N/A	Mostly red maple with paper birch. Lots of balsam fir in the understory. According to the OI notes this stand was picked over when the adjacent stand was clearcut. The north half of the stand does not have a very thick canopy but the southern portion is more closed and has less balsam fir. A patch of lowland ash in the very southern part of the stand. Generally spotty canopy cover throughout. Lots if low areas with tag alder. Heights of trees generally low	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Red Maple		44	Pole/Log	9	94	Balsam Fir		
Yellow Birch		2	Pole	9		Red Maple		
Red Oak		1	Pole	7		Tag Alder		
Paper Birch		15	Pole/Log	9				
Bigtooth Aspen		15	Pole/Log	9				
White Spruce		5	Pole	8				
Black Spruce		5	Pole	8				
Northern White Cedar		2	Log	13				
White Pine		1	Log	14				
Black Ash		10	Pole	7				
3	42110 - Planted Red Pine	Sawtimber Well	16.1	64	171-200	N/A		Stand was last thinned as part of Trail Cam Mix in the fall of 2017. Stand was planted in 1962 and was thinned in 2009 as part of the Little Pine Block sale. There are a few scattered trees in the canopy of other species mostly paper birch. There is a mild amount of regen coming up in the understory.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Red Maple		2	Pole	9		Balsam Fir		
Paper Birch		2	Log/Pole	11		Red Maple		
Quaking Aspen		2	Log/Pole	10		Red Oak		
White Spruce		2	Pole/Log	9		White Pine		
White Pine		2	Log/XLog	15		Striped Maple		
Red Pine		90	Log/Pole	12	64			
4	4112 - Maple, Beech, Cherry Association	Sawtimber Well	81.0	88	81-110	N/A	There is a MWR sale in this stand that was cut in Dec. 2017. The remainder of the stand was last thinned in 2008 as part of Deer Trails Hardwood. Nice stand of hardwood with little underbrush. Regen is starting to come up after thinning.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Sugar Maple		50	Log/Pole	12	88	Sugar Maple		
Red Maple		30	Log	15	88	Red Maple		
Yellow Birch		1	XLog	18		Balsam Fir		
Basswood		1	Log	15		Ironwood		
Red Oak		15	XLog/Log	19		Red Oak		
Ironwood		3	Pole	7				

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments	
5	42110 - Planted Red Pine	Sawtimber Well	12.0	64	171-200	N/A	Stand was thinned in the fall of 2017 as part of Trail Cam Mix. Stand was planted in 1962 and third row thinned in 1999. In the few spots where the canopy is thinner there is a decent amount of hardwood regeneration coming in.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Red Pine		100	Log/Pole	11	64	Red Oak		
						Balsam Fir		
						Sugar Maple		
						Ironwood		
6	42110 - Planted Red Pine	Sawtimber Well	13.9	64	141-170	N/A	Stand was last thinned in the fall of 2017 as part of Trial Cam Mix. Stand was planted in 1962 and third row thinned in 1999. Some areas of this stand have space in the canopy to support undergrowth species. Other areas have smaller diameter (9") trees at higher spacing (190-200 BA).	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Red Pine		100	Log/Pole	10	64	Balsam Fir		
7	6112 - Lowland Aspen	Sawtimber Medium	15.2	102	81-110	N/A	This stand was separated from stand 37 due to species and size differences. The aspen is beginning to die out of the stand and red maple seedlings are growing well in the newly formed gaps. If not harvested, stand composition will transition to maple.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Red Maple		15	Pole/Log	9	82	Balsam Fir		
Paper Birch		2	Pole/Log	9		Red Maple		
Bigtooth Aspen		70	XLog/Log	18	102	Paper Birch		
Balsam Poplar		3	Pole/Log	9		Tag Alder		
Balsam Fir		5	Pole	5		Hazelnut (Beaked)		
White Spruce		5	Log	14				
8	4130 - Aspen	Sapling Well	69.6	17	Immature	N/A	Stand was cut in 2009. Regen is doing awesome. Some scattered cedar, yellow birch and oak were left during the harvest.	
Canopy Species		% Cover	Size Class	DBH	Age			
Red Oak		3	Log	15				
Red Oak		7	Sapling	3				
Paper Birch		2	Sapling	3				
Quaking Aspen		83	Sapling/Pole	4	17			
Balsam Fir		1	Pole	9				
Northern White Cedar		2	Pole/Log	9				
Ironwood		2	Sapling	4				
9	6239 - Mixed Emergent Wetland	None	7.0			No		
10	6233 - Wet Meadow	None	36.1			No		

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																											
11	4110 - Sugar Maple Association	Sawtimber Well	33.3	106	111-140	N/A	high and dry ridge of maple and ash. Cedar and ash along the outside edges of the stand. Stand was remote viewed 5/28/2025 - data is from survey conducted 1/23/2015																																																											
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12	6220 - Alder/Willow	None	61.8			No	Some scattered aspen are growing in this stand.																																																											
13	6220 - Alder/Willow	None	33.3			No	Stand includes areas of wet meadow and an aspen clone. willow also present along the shore.																																																											
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15	4119 - Mixed Northern Hardwoods	Sawtimber Well	58.0	97	81-110	N/A	Nice hardwood stand that has a steep ridge running from the south east to the northwest. Last thinned in fall of 2017 and in 2000 before that. As you head east toward lower ground the stand transitions into more red maple and hemlock. Some good areas with large diameter CWD. There is great regeneration filling the canopy gaps from the thinning. Small hemlock grove in the northeast corner.																																																											
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Basswood	2	XLog/Log	20																																																															
Red Oak	15	Log/XLog	16																																																															
Hemlock	5	XLog	20																																																															
Sub-Canopy Species	Density	Avg. Height	Size																																																															
Red Oak	Low	5 - 10 feet	5 - 10 feet																																																															
White Ash	Low	5 - 10 feet	5 - 10 feet																																																															
Striped Maple	Low	5 - 10 feet	5 - 10 feet																																																															
Ironwood	Low	10 - 20 feet	10 - 20 feet																																																															
Sugar Maple	High	5 - 10 feet	5 - 10 feet																																																															
Red Maple	High	5 - 10 feet	5 - 10 feet																																																															

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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16 6117 - Lowland Deciduous, Mixed Coniferous Poletimber Well 181.6 73 111-140 N/A

Stand is mostly E type dominated by ash and BAM. Some areas of P type. Scattered pockets of large cedar. Very wet stand. Much of the ash is in poor condition with lots of epicormic branching and stump sprouts. Doubtful if a transition to tag alder could be prevented if cut.

Canopy Species	% Cover	Size Class	DBH	Age
American Elm	2	Pole	7	
Red Maple	5	Pole/Log	8	
Paper Birch	5	Pole/Log/XLog	9	
Quaking Aspen	5	Log/Pole	13	
Balsam Poplar	15	Pole/Log	8	
Balsam Fir	7	Pole	8	
White Spruce	5	Log/Pole	10	
Northern White Cedar	10	Log/XLog	15	
Black Ash	35	Pole	7	73

Sub-Canopy Species	Density	Avg. Height	Size
Ash (spp.)	High	5 - 10 feet	5 - 10 feet
Aspen (spp.)	Low	5 - 10 feet	5 - 10 feet
Balsam Fir	Low	5 - 10 feet	5 - 10 feet
Tag Alder	Medium	5 - 10 feet	5 - 10 feet
Maple (spp.)	Medium	5 - 10 feet	5 - 10 feet

17 6220 - Alder/Willow None 5.2 No old beaver flooding.

18 6119 - Mixed Lowland Deciduous Forest Poletimber Well 75.3 61 81-110 N/A

Stand is variable with pockets of real nice aspen along with areas of poor quality ash and patches of pole size red maple. A lot of the large aspen has started to die off, transitioning most of the stand to pole sized maple.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	30	Pole	9	61
Yellow Birch	2	Pole	9	
Paper Birch	7	Pole/Log	9	
Quaking Aspen	5	XLog	18	85
Quaking Aspen	10	Log/Pole	10	
Balsam Poplar	10	Log/Pole	12	
Balsam Fir	8	Pole	8	
Northern White Cedar	8	Log/Pole	13	
Black Ash	15	Pole	7	
Green Ash	5	Log/Pole	13	

Sub-Canopy Species	Density	Avg. Height	Size
Ash (spp.)	Medium	Variable	Variable
Striped Maple	Medium	10 - 20 feet	10 - 20 feet
Balsam Fir	Medium	Variable	Variable
Red Maple	Medium	Variable	Variable

19 6120 - Lowland Cedar Poletimber Well 7.7 80 111-140 N/A

Thick stand of smaller diameter cedar.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	10	Pole/Log	9	
Balsam Poplar	10	Pole	8	
Balsam Fir	20	Pole/Sapling	6	
Northern White Cedar	50	Pole/Sap/Log	7	80
Black Ash	10	Pole	5	

Sub-Canopy Species	Density	Avg. Height	Size
Northern White Cedar	Low	5 - 10 feet	5 - 10 feet
Ash (spp.)	Medium	5 - 10 feet	5 - 10 feet
Balsam Fir	Medium	Variable	Variable
Red Maple	Medium	< 5 feet	< 5 feet
Red Osier Dogwood	Medium	< 5 feet	< 5 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
20	4119 - Mixed Northern Hardwoods	Sawtimber Well	24.1	103	111-140	N/A	A lot of the larger trees in this stand are starting to die. Great regen is coming in underneath. More conifer is mixed in along the edges of the stand. Much if the ash has died. Ash and maple have established themselves in the gaps		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
	Sugar Maple	40	Log/XLog	14	103	Ironwood	Low	10 - 20 feet	10 - 20 feet
	Sugar Maple	15	Pole	5	21	Balsam Fir	Medium	5 - 10 feet	5 - 10 feet
	Red Maple	5	Log/Pole	12		Sugar Maple	High	10 - 20 feet	10 - 20 feet
	Yellow Birch	5	Log/XLog	16		White Spruce	Medium	Variable	Variable
	White Spruce	5	Log	14		Northern White Cedar	Low	5 - 10 feet	5 - 10 feet
	Northern White Cedar	5	Log	14		Ash (spp.)	High	Variable	Variable
	Green Ash	10	Log	14	103				
	Green Ash	10	Sapling/Pole	4	21				
	Ironwood	5	Pole	6					
21	4319 - Mixed Upland Forest	Poletimber Well	3.2	51	51-80	N/A	DNR owned Island previously not mapped in MIFI		
22	310 - Herbaceous Openland	None	1.0			No	Open area used as a landing and turn around.		
23	310 - Herbaceous Openland	Unspecified	1.7			No	A few clumps of trees and scattered saplings growing in a grassy area.		
24	4112 - Maple, Beech, Cherry Association	Sawtimber Medium	25.8	94	81-110	N/A	Stand was thinned in the fall of 2017 as part of Trail Cam Mix. Nice maple stand. A few scattered Balsam fir very little in the sub canopy.		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
	Sugar Maple	57	Log/Pole	12	94	Red Oak	Low	< 5 feet	< 5 feet
	Red Maple	30		11		Striped Maple	Medium	5 - 10 feet	5 - 10 feet
	Red Oak	2	Log/XLog	15		Sugar Maple	Medium	5 - 10 feet	5 - 10 feet
	Paper Birch	2	Pole	8		Red Maple	Low	< 5 feet	< 5 feet
	Balsam Fir	5	Pole/Log	9		Balsam Fir	Medium	10 - 20 feet	10 - 20 feet
	White Spruce	2	Log	11		Blackberry/Raspberry	Full	< 5 feet	< 5 feet
	Hemlock	2	Log	13					
25	6120 - Lowland Cedar	Sawtimber Well	36.1	122		N/A	This is an area of Cedar mixed with more species of the E stands to the east and north. Contains more open patches and provides good habitat.		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
	Paper Birch	3	Log	14		Black Ash	Medium	5 - 10 feet	5 - 10 feet
	Balsam Poplar	6	Log	12		Red Maple	Low	< 5 feet	< 5 feet
	Balsam Fir	6	Pole	5		Green Ash	Medium	5 - 10 feet	5 - 10 feet
	Northern White Cedar	85	Log	12	122	Balsam Fir	High	5 - 10 feet	5 - 10 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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26 6117 - Lowland Deciduous, Mixed Coniferous Sapling Medium 9.5 17 Immature N/A Stand was cut as part of Hi-Lo Aspen which was completed in 2009. The stand is regenerating well. Occasional overstory oak, hemlock, and yellow birch exist

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	50	Sapling/Pole	4	17
Yellow Birch	5	Log	14	
Red Oak	10	Pole	5	
Paper Birch	3	Sapling	2	
Quaking Aspen	5	Sapling	1	
Balsam Fir	17	Sapling/Pole	2	
Hemlock	5	Pole	9	
Pin Cherry	5	Sapling	2	

Sub-Canopy Species	Density	Avg. Height	Size
Hazelnut (Beaked)	Medium	5 - 10 feet	5 - 10 feet
Flowering Raspberry	High	5 - 10 feet	5 - 10 feet

27 4130 - Aspen Sapling Well 6.9 9 N/A Stand was cut in fall of 2017. All white pine, cedar, oak and hemlock was left. Regeneration is very strong in the south.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	5	Sapling	1	
Red Oak	2	Log	14	
Quaking Aspen	85	Sapling	3	9
Northern White Cedar	3	Log/Pole	12	
White Pine	5	XLog/Log	18	

Sub-Canopy Species	Density	Avg. Height	Size
Red Oak	Low	< 5 feet	< 5 feet
Balsam Fir	Low	< 5 feet	< 5 feet
Blackberry/Raspberry	Medium	< 5 feet	< 5 feet

28 4130 - Aspen Poletimber Well 17.0 38 51-80 N/A Stand was cut in 1988 as part of the Tiny Trespass sale. Stand is well stocked with pole trees. Wet spots have regenerated with tamarack and tag alder.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	10	Pole/Sapling	6	
Paper Birch	3	Pole	6	
Quaking Aspen	25	Pole	6	38
Bigtooth Aspen	45	Pole	6	38
Balsam Fir	5	Pole	8	
Tamarack	10	Pole/Sapling	5	
Black Cherry	2	Sapling/Pole	4	

Sub-Canopy Species	Density	Avg. Height	Size
Aspen (spp.)	Medium	10 - 20 feet	10 - 20 feet
Balsam Fir	Low	< 5 feet	< 5 feet
Tag Alder	Low	5 - 10 feet	5 - 10 feet
Maple (spp.)	Low	5 - 10 feet	5 - 10 feet

29 4130 - Aspen Poletimber Well 10.5 36 141-170 N/A Stand was cut in 1990 and has regenerated very nicely. A few scattered oak in this stand. A nice pole stand, should be let to grow longer.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	5	Pole	5	
Red Oak	3	Pole	7	
Paper Birch	10	Pole	5	
Quaking Aspen	20	Pole	8	
Bigtooth Aspen	45	Pole	8	36
Balsam Fir	10	Pole	7	
White Spruce	2	Log	12	
Pin Cherry	5	Sapling	3	

Sub-Canopy Species	Density	Avg. Height	Size
Aspen (spp.)	High	5 - 10 feet	5 - 10 feet
Balsam Fir	Medium	5 - 10 feet	5 - 10 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																
30	4130 - Aspen	Poletimber Well	27.4	36	111-140	N/A	Stand was cut in 1990 and has regenerated to mostly aspen and is doing very well. The south portion of the stand is lowland aspen.																																																
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31	6220 - Alder/Willow	None	33.4			No	Large area of tag alder. A few scattered overstory trees can be found through out the stand.																																																
32	6220 - Alder/Willow	None	10.9			No	Tag alder with scattered deciduous trees.																																																
33	6220 - Alder/Willow	None	9.4			No	Tag alder stand with scatted aspen.																																																
34	6112 - Lowland Aspen	Poletimber Poor	19.5	60	1-50	N/A	Tag alder with enough trees growing in it to consider it a forested stand.																																																
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35	6112 - Lowland Aspen	Sawtimber Medium	28.1	76	81-110	N/A	Wet stand that is supporting aspen growth over tag alder. Some very large aspen in the southwest corner.																																																
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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36	6119 - Mixed Lowland Deciduous Forest	Poletimber Medium	16.3	68	51-80	N/A	Small pole size E stand with lots of dead ash and tag alder in the understory. Very poor quality.
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Canopy Species	% Cover	Size Class	DBH	Age
American Elm	15	Pole	8	
Red Maple	15	Pole	7	
Quaking Aspen	5	Pole	7	
Balsam Poplar	15	Pole	6	
Balsam Fir	5	Pole	6	
Black Spruce	5	Pole	6	
Tamarack	5	Pole	8	
Black Ash	25	Pole	6	68
Green Ash	10	Pole	8	

Sub-Canopy Species	Density	Avg. Height	Size
Tag Alder	High	5 - 10 feet	5 - 10 feet
Ash (spp.)	High	5 - 10 feet	5 - 10 feet

37	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Medium	32.6	82	81-110	N/A	Stand is variable. Some areas of very nice aspen, other areas of a nice mix of species. In areas where the canopy is more open there is a lot of regen coming up. Canopy is more closed at the southern end of the stand. Many of the trees are poorly formed. There is Cedar located in the north of this stand that could make access from this direction difficult.
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Canopy Species	% Cover	Size Class	DBH	Age
American Elm	1	Pole	7	
Red Maple	33	Pole/Log	9	82
Yellow Birch	3	Log	15	
Paper Birch	5	Pole/Log	9	
Bigtooth Aspen	30	Pole/Log	9	
Balsam Poplar	7	Pole/Log	9	
Balsam Fir	12	Pole	8	
White Spruce	2	Log	15	
Northern White Cedar	5	Log	13	

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Medium	10 - 20 feet	10 - 20 feet
Paper Birch	Low	5 - 10 feet	5 - 10 feet
Tag Alder	Medium	5 - 10 feet	5 - 10 feet
Hazelnut (Beaked)	Medium	5 - 10 feet	5 - 10 feet
Balsam Fir	Medium	Variable	Variable

38	6118 - Lowland Deciduous with Cedar	Sawtimber Poor	74.5	95	111-140	N/A	Very diverse stand. BAM and cedar transitions to quaking aspen, red maple and cedar on patches of higher ground. Cedar and BAM is quite large in DBH. Stand shows signs of budworm damage. Separate out the northern for this stand. The southern is the new cedar stand created Very open canopy. Spruce and balsam have almost died out if the stand. New generation of quaking aspen coming up nicely
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Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	15	Pole/Log	9	
Paper Birch	5	Pole	9	
Quaking Aspen	35	Log/Pole	12	95
Balsam Poplar	5	Log/XLog	14	
Balsam Fir	2	Pole	8	
Northern White Cedar	25	Log/Pole	13	95
White Pine	5	XLog	18	
Black Ash	5	Pole	8	
Green Ash	3	Log	14	

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Medium	Variable	Variable
Tag Alder	Low	5 - 10 feet	5 - 10 feet
Ash (spp.)	Medium	5 - 10 feet	5 - 10 feet
Quaking Aspen	High	10 - 20 feet	10 - 20 feet
Striped Maple	Medium	5 - 10 feet	5 - 10 feet
Balsam Fir	High	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
39	6130 - Fir, Aspen, Maple	Poletimber Medium	42.6	68	51-80	N/A	Smaller diameter stand with some log and large pole size trees. Looks to be very wet. Stunted growth among the trees. Lots of openings from dead ash on this stand
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Red Maple		18	Pole/Log/Sap	7		Maple (spp.)	
Yellow Birch		2	Pole	8		Balsam Fir	
Paper Birch		10	Log/Pole	12		Ash (spp.)	
Quaking Aspen		10	Pole/Log	6		Balsam Poplar	
Balsam Poplar		10	Pole/Sap/Log	6			
Balsam Fir		27	Pole/Sapling	6	68		
Black Spruce		5	Pole/Log	9			
Northern White Cedar		10	Log/Pole	13			
Black Ash		8	Pole/Sapling	6	68		
40	6112 - Lowland Aspen	Sawtimber Well	182.3	88	111-140	N/A	This is a mixed stand. The finger to the east is pure aspen with very little in the understory besides grass. The portion of the stand closes to the "bay" is more of a P type. There are some patches of E type in the interior that are either black ash or red maple depending on how wet it is. Much of the southern balsam poplar has died leaving gaps in the canopy. There is red maple regeneration in this area.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Red Maple		15	Pole/Log	8		Balsam Fir	
Yellow Birch		2	Pole/Log	9		Striped Maple	
Paper Birch		5	Pole/Log	9		Red Maple	
Quaking Aspen		35	Log	15	88	Tag Alder	
Balsam Poplar		10	Log	15		Ash (spp.)	
White Spruce		3	Log/Pole	12			
Northern White Cedar		10	Log/Pole/XLog	13			
Black Ash		15	Pole	7			
Green Ash		5	Pole/Log	9			
41	6111 - Lowland Balsam Poplar	Poletimber Poor	10.1	50	1-50	N/A	This stand is full of poor quality trees growing over top of tag alder. Stand is very wet. Last inventory it was included in the tag alder stand but it has enough of a canopy to distinguish it from the stand to the south.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
American Elm		20	Pole/Log	9		Tag Alder	
Balsam Poplar		65	Pole	7	50		
Tamarack		15	Pole	8			
42	4123 - Red Oak	Sawtimber Well	20.9	103	81-110	N/A	When the stand was cut in 1989 all red oak, white ash and aspen smaller than 12" were left. Everything else was harvested. The stand now has a two aged look with log size aspen, oak and ash with sapling/pole size maple, ironwood and cherry. Some oak did regenerate after the harvest. The sugar maple has established a healthy cohort underneath the oak.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Sugar Maple		24	Pole/Sapling	5	37	Ironwood	
Red Maple		10	Pole/Sapling	5		Sugar Maple	
Red Oak		60	Log/XLog	15	103	Hazelnut (Beaked)	
Bigtooth Aspen		5	Log/XLog	13			
White Spruce		1	Pole	9			
43	310 - Herbaceous Openland	None	1.3			No	Opening serves as a turnaround. Evidence if a campfire present.

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																						
44	6112 - Lowland Aspen	Poletimber Well	24.6	37	81-110	N/A	Stand was cut in 1988. Mostly aspen and paper birch with some scattered larger cedars. Stand is currently pole sized and appears to be growing nicely.																																																																						
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45	4130 - Aspen	Sapling Well	30.7	10		N/A	This stand was cut in the fall of 2017 as part of Trail Cam Mix. There are scattered oak and maple trees left during the harvest. There is also a strip of mature timber left on the steep slope down to the swamp.																																																																						
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46	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	16.5	82	81-110	N/A	This stand is dominated by red maple with a few clones of aspen mixed in. The understory is very thick with balsam fir. There is a grove of hemlock and a grove of tamarack to the north. The Tamarack was previously a separate stand, but has been combined into stand 46 due to its small size. This stand has experienced some mortality affecting the balsam fir. In areas dominated by maple and birch, BA is lower than total stand average.																																																																						
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47	4130 - Aspen	Sapling Well	23.7	9		N/A	This is a combination of 3 stands that were cut in the fall of 2017 as part of trail Cam Mix. This stand includes the old Pickford dump site. There is upland and lowland ground. Scattered trees left throughout the cut. Retention patch left in the northern half near the property corner.																																																																						
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48	6220 - Alder/Willow	None	1.7			No	Mostly tag alder with a few scattered black spruce.																																																																						

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49	4130 - Aspen	Sawtimber Well	5.5	68	111-140	N/A	The aspen in this stand is older and of larger DBH than the rest of the aspen to the west. Not sure if this was cut before or if it was just left when the rest was cut.																																												
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50	4319 - Mixed Upland Forest	Poletimber Well	0.3	51	51-80	N/A	DNR owned Island previously not mapped in MIFI																																												
51	310 - Herbaceous Openland	None	3.2			Yes	Scotch Pine was removed from this stand in the fall of 2017 as part of Trail Cam Mix. We will have to monitor for regen of scotch pine and treat as needed. Desirable species are established throughout this stand, but deer browse pressure keeps most of it from reaching free to grow status. Scotch Pine present in small amounts. Most of it is small and less than 3 feet tall; some stems are 3 inches DBH. All stems could be removed with small amount of effort by an individual with a saw. Several large Scotch Pine still exist on state land adjacent the private property to the west.																																												
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52	122 - Road/Parking Lot	None	2.2			No	Road easement.																																												
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54	4112 - Maple, Beech, Cherry Association	Sawtimber Poor	29.0	88	1-50	N/A	There is a MWR sale in this stand that was cut in Dec. 2017. Monitoring to be done by MSU researchers.																																																					
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Balsam Fir	Medium	10 - 20 feet	10 - 20 feet																																																									
Blackberry/Raspberry	Low	< 5 feet	< 5 feet																																																									
Sugar Maple	High	5 - 10 feet	5 - 10 feet																																																									
Red Maple	High	< 5 feet	< 5 feet																																																									
Bigtooth Aspen	Low	5 - 10 feet	5 - 10 feet																																																									
Yellow Birch	Medium	5 - 10 feet	5 - 10 feet																																																									
Ironwood	Medium	5 - 10 feet	5 - 10 feet																																																									
55	720 - Exposed Rock	None	0.1			No	DNR owned Island previously not mapped in MIFI. Likely a shorebird rookery.																																																					