



Compartment Review Presentation

Sault Ste. Marie Forest Management Unit

Compartment 45122

Entry Year 2025

Acreage: 1,816

County Mackinac

Management Area: St. Ignace Lake Plain

Stand Examiner: Nate Plato

Legal Description:

T43N-R6W, Section 30 & T43N-R7W, Sections 24 & 25

Identified Planning Goals:

Compartment 122 is located approximately 3 miles northeast of Epoufette and Highway U.S. 2. Proposed management is one mixed hardwood shelterwood, and multiple mixed lowland treatments. There is very limited access to most of this compartment and cover types are predominantly wetland and lowland cover types with intermittent ridges.

Soil and topography:

The predominant topography of the compartment is flat lowland with some intermittent ridges. The soil type dominating the entire compartment is Markey-Carbondale muck. The few ridges in section 25 are Pullup sand and the remaining ridges and upland stands of section 24 are Wallace sands.

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

There is 80 acres of private ownership (NWSW, NESW of section 24) connecting with private lands to the west. There is no development on this property. The remainder of the compartment is consisted of and is surrounded by State owned land.

Unique Natural Features:

There is a potential for rare threatened or endangered plant and animal species within the compartment. Any management will be per work instructions and guidelines for the species found.

Archeological, Historical, and Cultural Features:

There are known concerns within the compartment. All proposed management activities have taken these concerns into consideration.

Special Management Designations or Considerations:

The headwaters of Paquin Creek and The Little Brevort River are in this compartment.

Watershed and Fisheries Considerations:

The western region of this compartment contains a segment of Paquin Creek. This segment of Paquin Creek is a designated Type 1 trout stream less than 50 feet wide and has a predicted mean July water temperature of 58.1 °F (cold stream). A 300-foot buffer is recommended for the segment of Paquin Creek in riparian areas susceptible to Aspen regeneration. For areas not susceptible to Aspen regeneration, a minimum 100-foot plus 5 feet per 1% increase in slope, buffer is recommended in accordance with Best Management Practices.

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

Wildlife Habitat Considerations:

This compartment is part of the St. Ignace Lake Plain Management Area. Cedar and lowland conifer swamp cover most of the compartment. Much of the compartment is part of deer wintering complex. The majority of these stands will be left to provide cover for wildlife like wintering deer, black bear, snowshoe hare and other species including numerous birds. Some smaller areas of treatment will occur to promote new growth and encourage diversity. This will benefit species including ruffed grouse, deer, woodcock, and black bear. Wetlands will be protected. Other species benefitting from the plans for this compartment include, but are not limited to beaver, otter, mink, eagle, osprey, common yellowthroat, yellow warbler, and various other species.

Mineral Resource and Development Concerns and/or Restrictions

No known potential exists for commercial oil & gas production in this part of the state, and there is no known metallic mineral potential in this area. No active sand/gravel operations are known to exist within several miles. Potential for sand and gravel development within the compartment is considered low. There may be potential for high-purity dolomite

beneath the compartment, but it may be too deep to have significant potential for economic development. The State does not own all the mineral rights within the compartment. Because the mineral estate is the dominant estate, the surface owner must provide the owner of the mineral rights reasonable access to the surface for mineral exploration and development.

Vehicle Access:

There is very poor vehicle access into this compartment. The Bennett Road (poor dirt) is the only road that enters the compartment. Bennett Road just cuts across the very corner of the NWNW of section 24. The road turns back and re-enters the compartment passing through NENE Section 24 before leaving the compartment again. During wet seasons Bennett road may become impassable without, or even with four-wheel drive vehicles. Access to the interior of the compartment is non-existent.

Survey Needs:

One treatment will require blue line work and establishment of one new corner.

Recreational Facilities and Opportunities:

There are no developed recreation facilities within this compartment.

Fire Protection:

Given the topography and cover types throughout this stand, fire is of minimal overall concern. However, in the event of a fire the many isolated ridges would make initial attack difficult at best. Lightning would be the most probable ignition source for most of the remote areas. In the case of a fire, water sources are available along Bennett Road at two different bridge locations. Fires in this compartment could be expected to be mop-up intensive due to the thick organic soils that dominate.

Additional Compartment Information:

None

The following reports from the Inventory are attached:

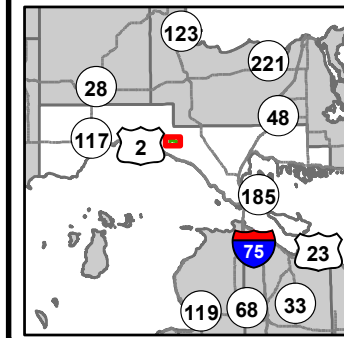
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

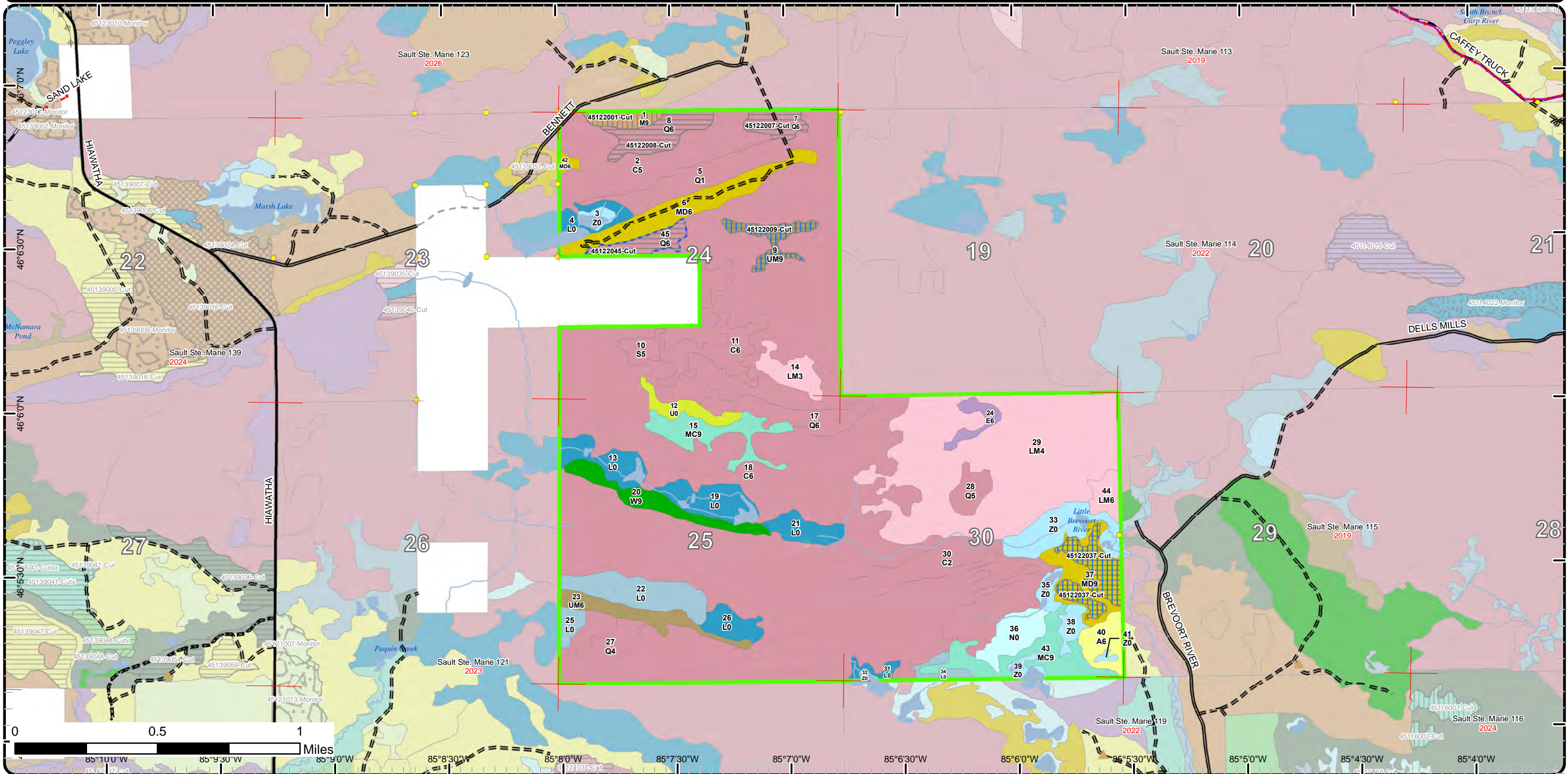
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 122
 T43N, R07W, Sec: 24, 25
 T43N, R06W, Sec: 30
 County: Mackinac
 Unit: Sault Ste. Marie
 Mgmt Area: St. Ignace Lake Plain
 YOE: 2025
 Acres: 1816.5 GIS Calculated
 Examiner: Nate Plato
 Map Revised: 8/2/2023
 Map Phase: Review

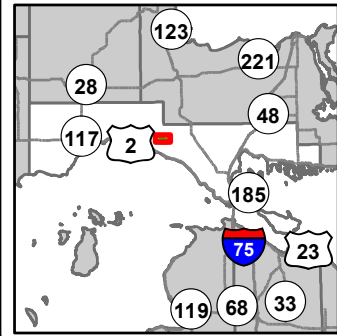


- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- == DNR - Secondary Forest Road
- == DNR - Forest Access Route
- Federal / State / County - Paved Road
- - Private - Dirt / Gravel Road
- ... DNR - Management Access
- ▲ Berms
- ⊗ Bridges
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Compartment Boundary
- Treatments with Site Conditions
- Clearcut (w/Reserves)
- Seed Tree (w/Reserves)
- Shelter Wood (w/Reserves)
- 411 - Northern Hardwood
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 422 - Natural Pines
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 330 - Low Density Trees
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- 629 - Mixed Non-forested Wetland

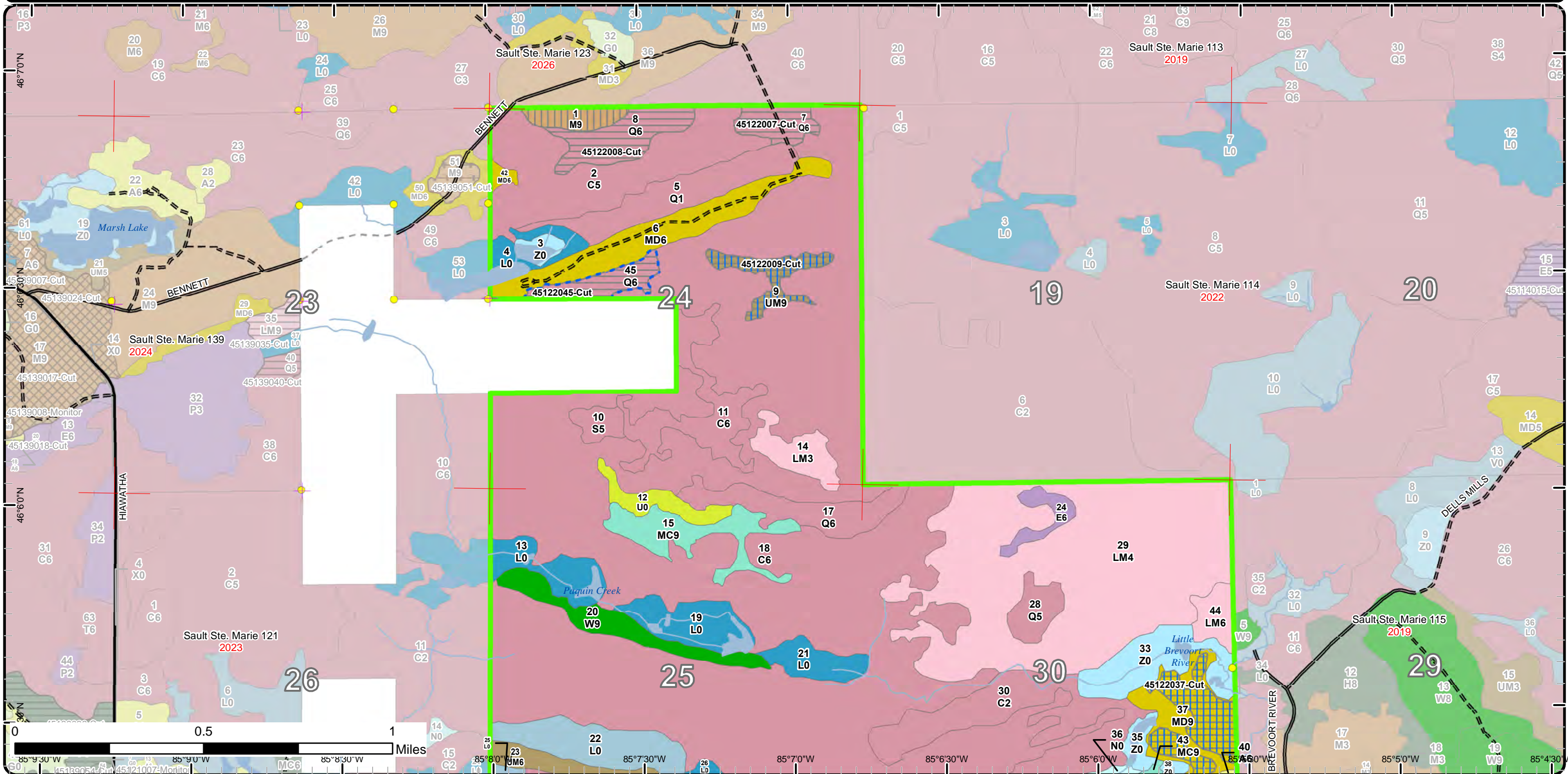


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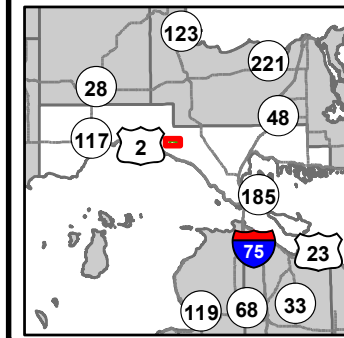


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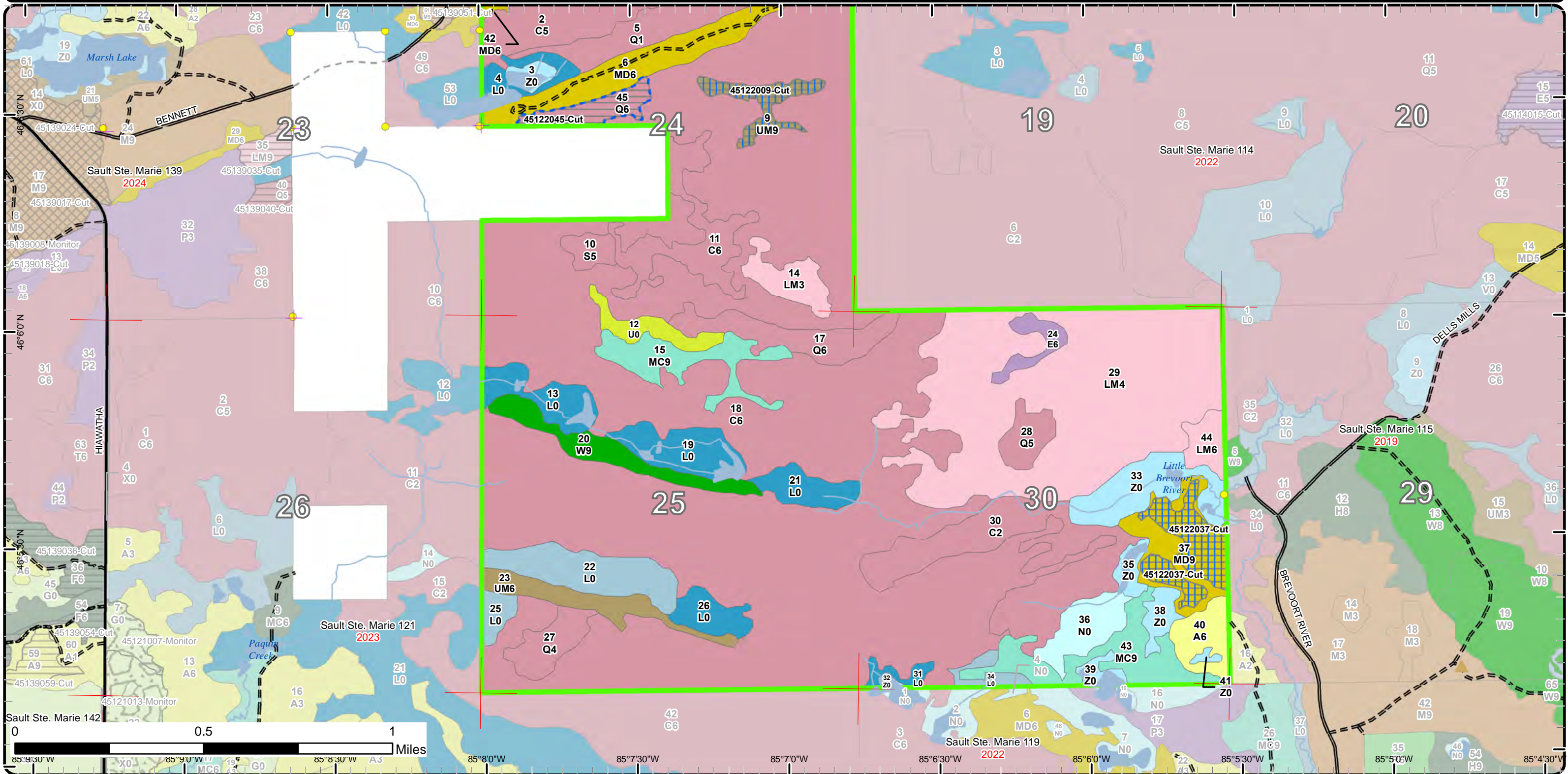


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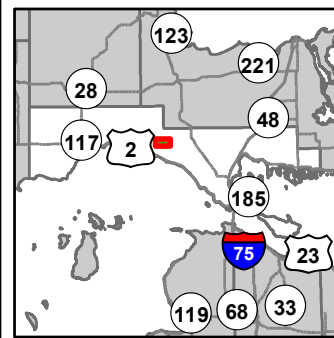


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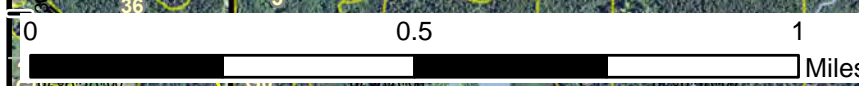
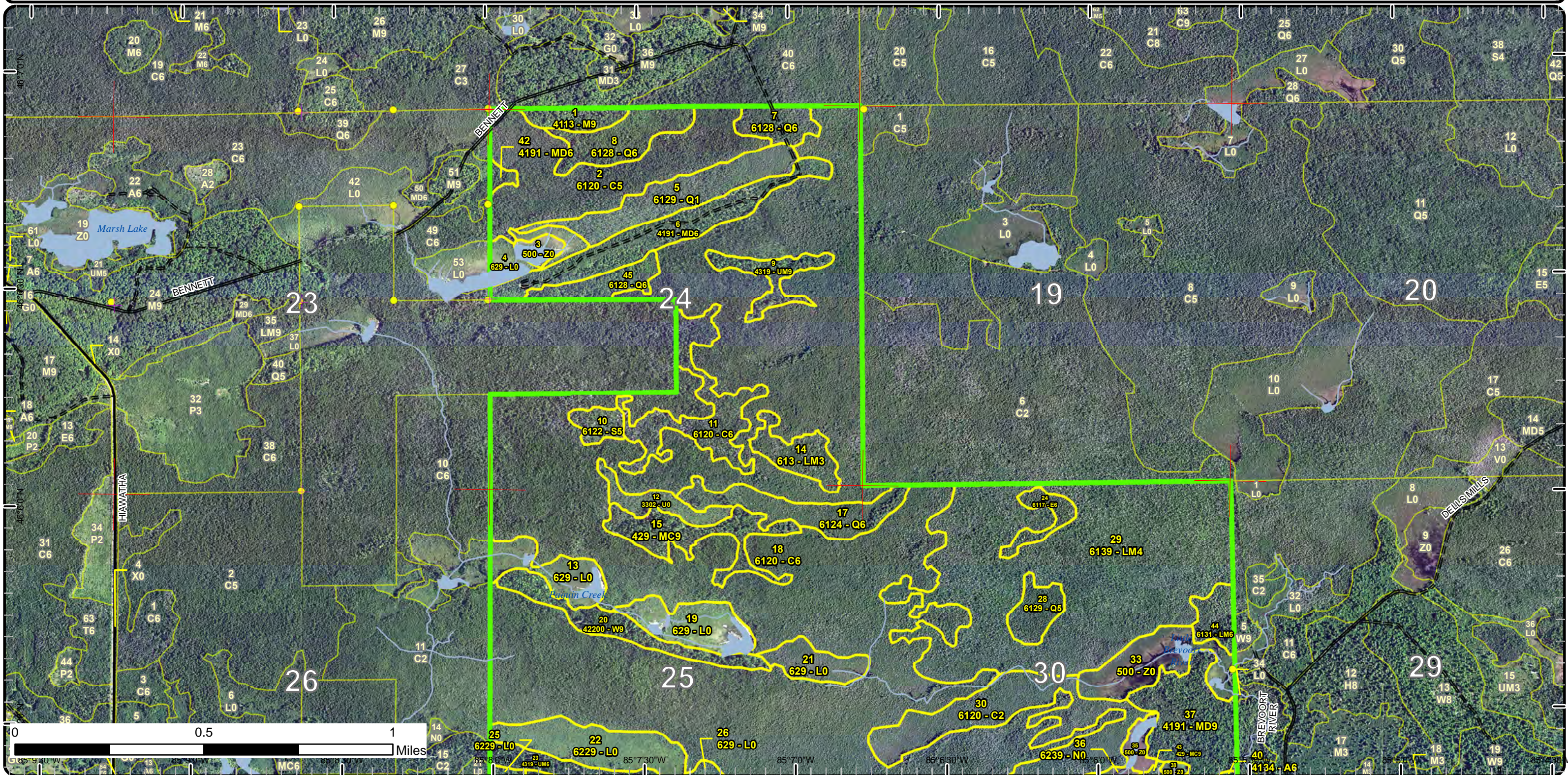


Stand Boundary Map

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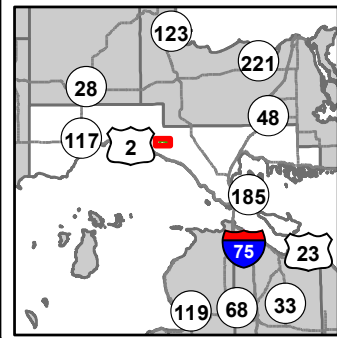
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 - 411 - Northern Hardwood



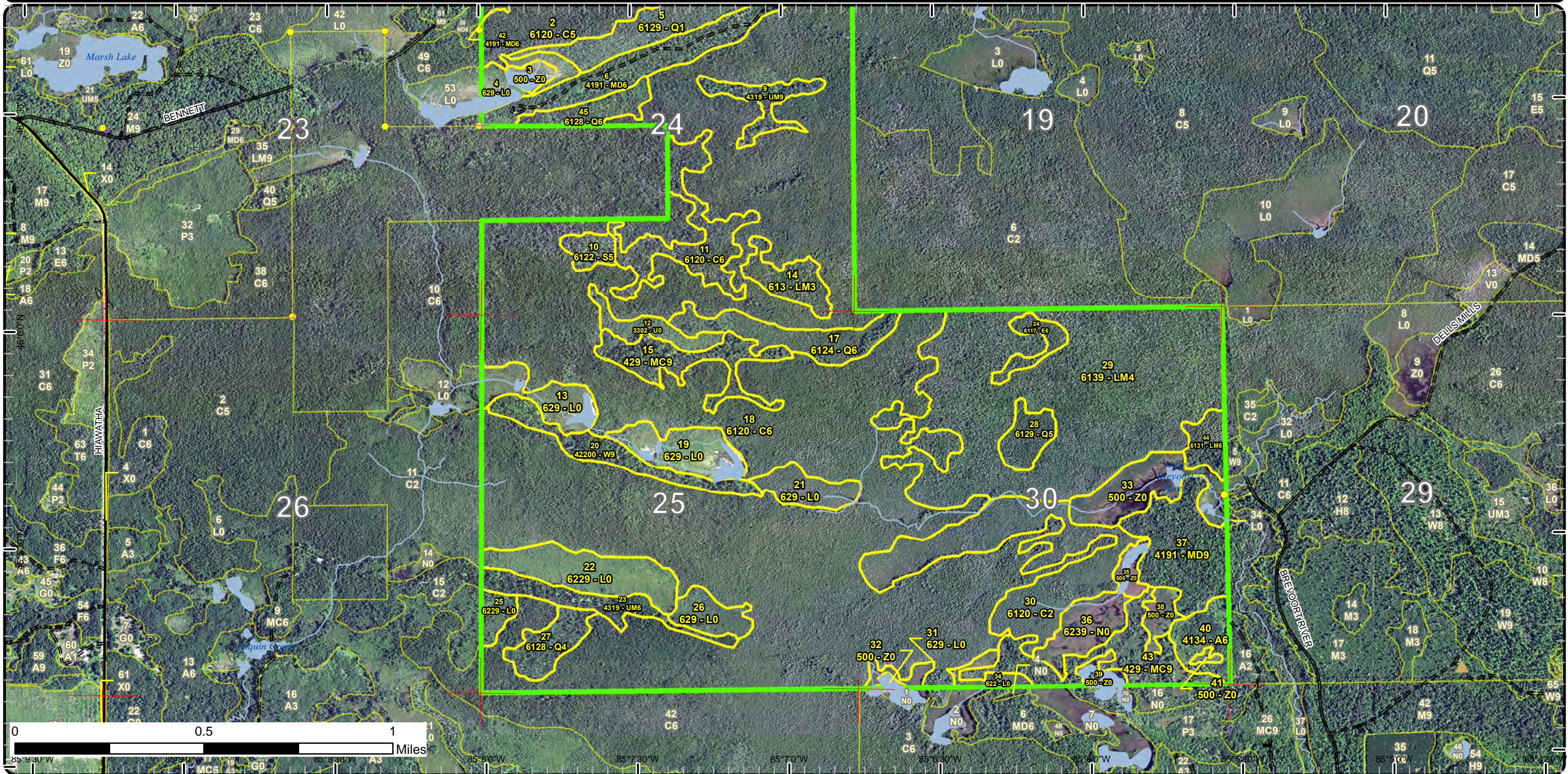
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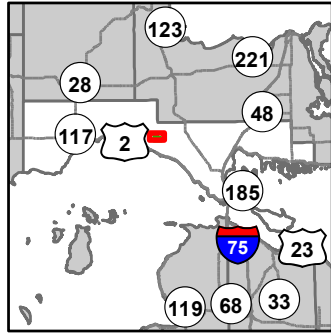


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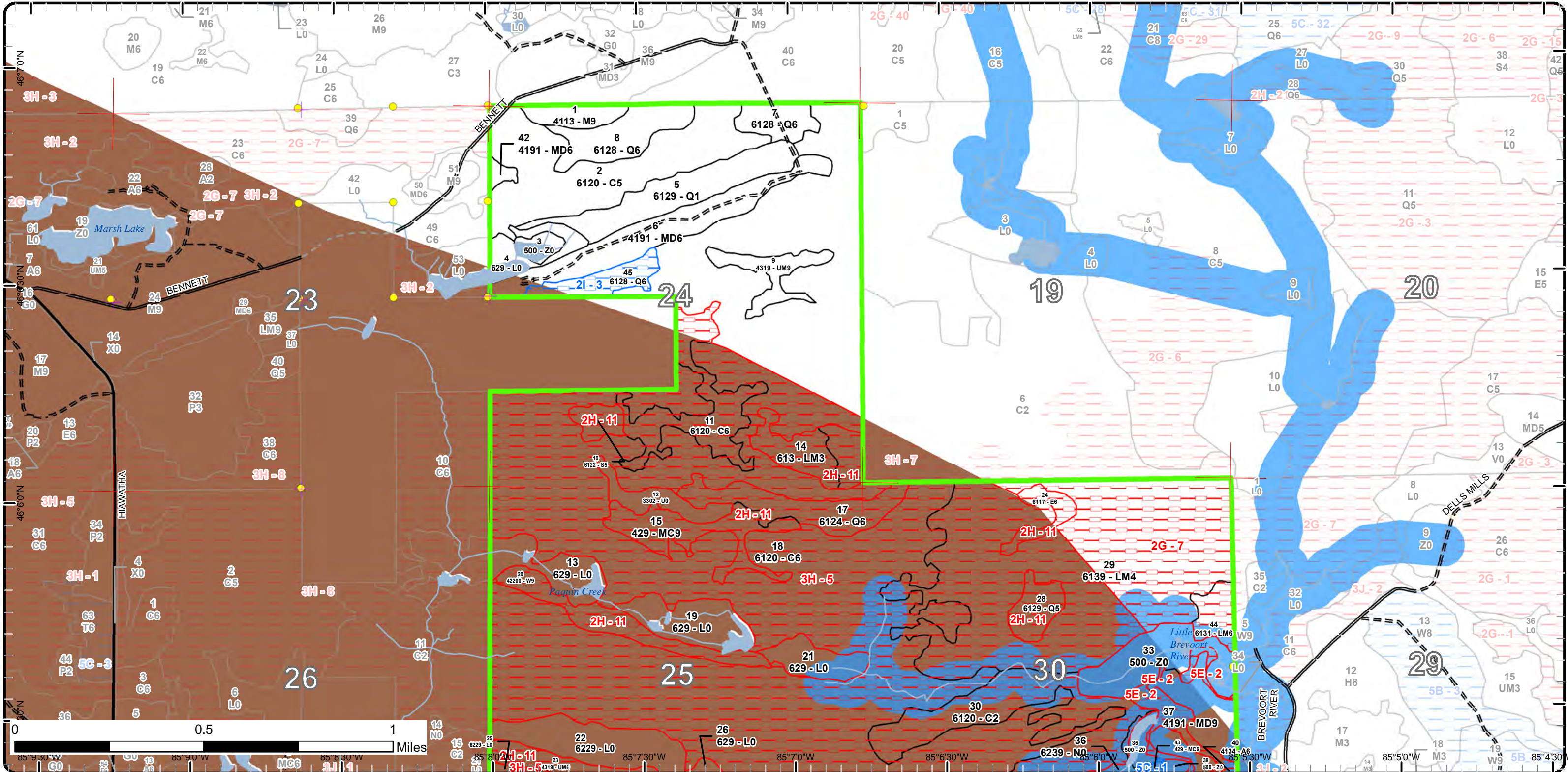


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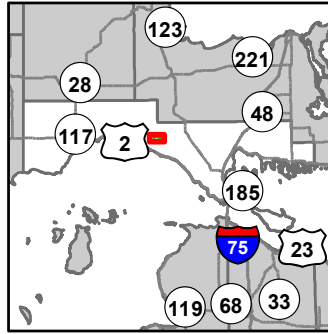


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- Available w/ Constraints
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- Unavailable
- 2G: Too wet (sensitive soils, does not include access issues)
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- 5E: Long-Term Retention
- Stand Boundaries
- Cold Water Streams
- Cold Water Lakes
- High Priority Trout Stream Buffer
- Deer Winter Range
- 2I: Survey needed

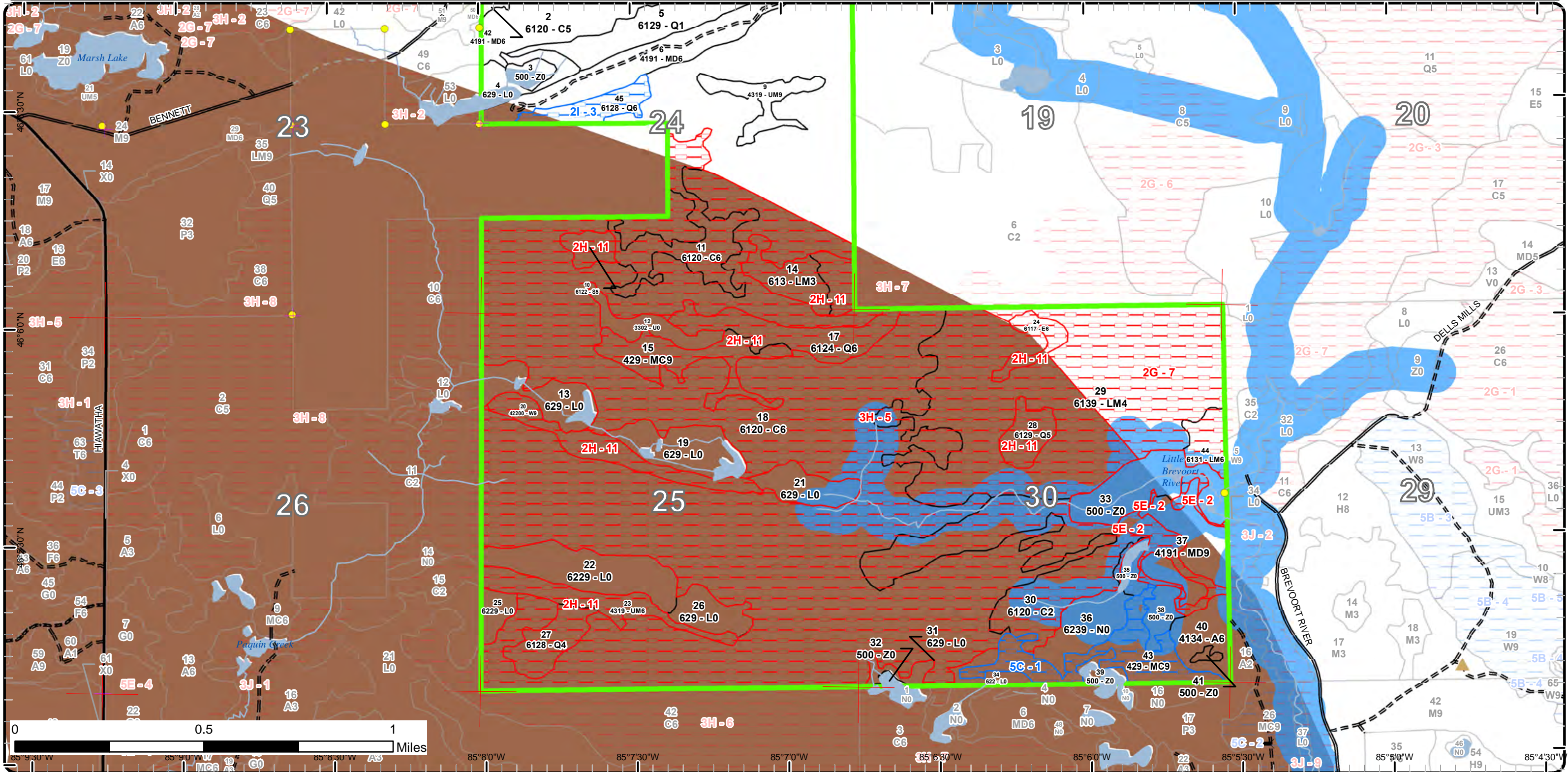


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- Cold Water Lakes
- High Priority Trout Stream Buffer
- Deer Winter Range



Report 1 – Total Acres by Cover Type and Age Class



Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Unseen-Aged	Total
Aspen	0	0	0	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	15
Cedar	0	0	0	0	0	0	0	0	0	0	33	988	0	0	0	0	0	0	1021
Low-Density Trees	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
Lowland Conifers	0	0	0	0	0	0	0	11	44	0	75	0	0	0	0	0	0	0	130
Lowland Deciduous	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	8
Lowland Mixed Forest	0	0	0	0	0	0	220	0	0	0	15	0	0	0	0	0	0	0	234
Lowland Shrub	123	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	123
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	7
Marsh	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18
Mixed Upland Deciduous	0	0	0	38	2	0	0	39	0	0	0	0	0	0	0	0	0	0	79
Northern Hardwood	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	9
Upland Conifers	0	0	0	0	0	0	0	0	0	0	24	33	0	0	0	0	0	0	57
Upland Mixed Forest	0	0	0	0	0	0	19	0	0	0	12	0	0	0	0	0	0	0	31
Water	52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	52
White Pine	0	0	0	0	0	0	0	0	0	0	22	0	0	0	0	0	0	0	22
Total	204	0	0	38	17	0	239	50	53	8	188	1021	0	0	0	0	0	0	1817



Report 2 – Treatment Summary

Sault Ste. Marie Mgt. Unit
Year of Entry: 2025

Acres of Harvest

Compartment 122
Total Compartment Acres: 1,816

Commercial Harvest - 78
Harvests with Site Condition - 13
Next Step Harvest - 0
Habitat Cut - 0

Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Oversory Removal	Salvage	Other	Total Acres
Lowland Conifers	46	0	0	0	0	0	0	0	0	46
Mixed Upland Deciduous	0	0	0	24	0	0	0	0	0	24
Northern Hardwood	0	0	0	0	9	0	0	0	0	9
Upland Mixed Forest	0	0	0	12	0	0	0	0	0	12
Total	46	0	0	36	9	0	0	0	0	91

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	91	0	0	0	0	0	0	0	0	91
Next Step	0	0	0	0	0	0	91	0	0	91
Total	91	0	0	0	0	0	91	0	0	181



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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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Proposed Treatments:

1	45122001-Cut	8.9	4113 - R.Maple, Conifer	Sawtimber Well	79	81-110	Harvest	Shelterwood	411 - Northern Hardwood	Uneven-Aged	No
<p><u>Prescription</u> Thin stand down to 40-60 BA focusing on leaving healthy red and hard maple crop trees. Thin to lower end of BA range where more conifer exists. Leave all hemlock and cedar. Retain stems with good shade quality around hemlock. Leave all white over 20" DBH. Remove all fir over 4" DBH. Treatment size may vary.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Intermediate)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Northern hardwood associated species, white pine and hemlock.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>											
7	45122007-Cut	11.4	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	68	51-80	Harvest	Clearcut with Retention	613 - Lowland Mixed Forest	Even-Aged	No
<p><u>Prescription</u> Cut all species over 2" DBH except for leaving cedar 6" DBH and under. Exclude any patches of immature cedar that exist. Treatment size may vary.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Cedar, spruce, fir, birch, maple, pine, and tamarack.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>											
8	45122008-Cut	21.5	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	90	111-140	Harvest	Clearcut with Retention	613 - Lowland Mixed Forest	Even-Aged	No
<p><u>Prescription</u> Cut all species over 2" DBH except for leaving cedar 6" DBH and under. Exclude any patches of immature cedar that exist. Treatment size may vary.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Cedar, spruce, fir, birch, maple, pine and tamarack.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>											



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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9	45122009-Cut	12.3	4319 - Mixed Upland Forest	Sawtimber Well	94	111-140	Harvest	Seed Tree with Retention	4319 - Mixed Upland Forest	Two-Aged	No
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Prescription Specs: Remove all species over 2" DBH. Mark large, healthy white pine to leave maintaining 10-20 BA where white pine are present. In areas dominated by aspen and birch create gaps and leave no residual stems. Treatment size may vary.

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

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

Other Comment: Designate one access point into treatment area to limit disturbance in adjacent cedar stand.

Site Condition

Proposed Start Date: 10/1 /2024

45	45122045-Cut	12.7	6128 - Lowland Coniferous, Mixed Deciduous	Poetimber Well	91	111-140	Harvest	Clearcut with Retention	613 - Lowland Mixed Forest	Even-Aged	No
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Prescription Specs: Cut all species over 2" DBH except for leaving cedar 6" DBH and under. Exclude any patches of immature cedar that exist. Treatment size may vary.

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

Acceptable Regen: Cedar, spruce, tamarack, pine, birch and maple.

Other Comment:

Site Condition Survey Needed

Proposed Start Date: 10/1 /2024

Approved Treatments:

37	45122037-Cut	23.9	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	61	111-140	Harvest	Seed Tree with Retention	4220 - Natural White Pine	Two-Aged	No
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Prescription Specs: Stand has some areas of good white pine. Harvest all other species with representation left as reserve. Thin to 50 ba or so to allow the existing white pine regeneration to grow and to recruit new regeneration. Actual treatment shape will reflect the actual ground conditions and relation to the surrounding wetlands. Do not cut any Hemlock within the stand. Cut in dry summer or winter depending on conditions. Buffer wetlands 75-100'.

Next Step Treatments: Monitoring, Natural Regen (Intermediate)

Acceptable Regen: Acceptable regeneration will consist of any mix of white pine, red pine, aspen, spruce, balsam, maple, birch, hemlock, and cedar.

Other Comment: Old next step comments: Conduct a regeneration survey following harvest according to work instruction guidelines. Acceptable regeneration will consist of any mix of white pine, aspen, birch, maple, spruce/fir, red pine, or hemlock.

Site Condition

Proposed Start Date: 10/1 /2021

Total Treatment 90.7
Acres Proposed:

Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Nate Plato : Examiner

Compartment: 122

Year of Entry: 2025

Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	Dominant Site Conditions						
		With Condition	Not Available		2I	5C	2G	2H	3H	5E	
15	15	0	0	Aspen							
1020	221	0	799	Cedar				8	791		
11	11	0	0	Low-Density Trees							
130	66	13	51	Lowland Conifers	13			51			
8	0	0	8	Lowland Deciduous				8			
234	0	0	234	Lowland Mixed Forest			100	14	119		
123	123	0	0	Lowland Shrub					0		
7	0	0	7	Lowland Spruce/Fir				7			
18	18	0	0	Marsh							
80	65	0	15	Mixed Upland Deciduous							15
9	9	0	0	Northern Hardwood							
57	0	33	24	Upland Conifers		33		24			0
31	12	0	19	Upland Mixed Forest				19			
52	51	0	1	Water					1	0	
22	0	0	22	White Pine				22			
1,816	591	45	1,180	Total Forested Acres	13	33	100	153	911	15	
	33%	2%	65%	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	5C: Delay treatment for age/size class diversity or exceptional site quality	33	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Nate Plato : Examiner

Compartment: 122

Year of Entry: 2025

2	Unavailable	5E: Long-Term Retention	15	2G: Too wet (sensitive soils, does not include access issues)	5D: Unproductive Forest Land	Unspecified	Unspecified
Comments: Very large area of lowland cedar/ lowland forest mix. Several stands contained in this area that are not accessible through this large lowland forest. Some areas within do not produce any merchantable timber due to wetland.							
3	Available	2I: Survey needed	13	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	911	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	101	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
11	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	153	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Mgt. Unit

Compartment: #Type!

Year of Entry:



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

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
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Comments



Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS

* This is a list of SCA's for this compartment along with a 1/4 mile buffer surrounding the compartment. Refer to the Special Conservation Area Map for locations of the below listed Conservation Areas.

Conservation Area	Type	Description
SCA	Cold Water Lake	A coldwater lake has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species to persist from year to year. Suitable conditions for coldwater fishes may occur in Michigan lakes if they are relatively deep, have substantial groundwater inflows, or are located in colder (northern) areas of the state. Such lakes are established by Director's action and designated as trout resources by Fisheries Order 200.
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species (e.g., slimy sculpin) to persist from year to year. Coldwater streams in Michigan typically provide these conditions due to substantial contributions of groundwater to their stream flows. Such streams are established by Director's action and designated as trout resources by Fisheries Order 210.
SCA	Habitat Area	An area that provide some specific need for the life cycle of wildlife species, including State Wildlife Areas and Waterfowl Production Areas, deer wintering complexes in lowland conifer communities, grassland openings and savannas. Habitat areas are distinct from critical habitat designated for recovery of endangered or threatened species (such as Kirtland's warbler or piping plover areas) in that they are more general in nature, are not primarily associated with threatened or endangered species, and are not covered by species recovery plans that are developed in cooperation with Federal agencies.
SCA	Riparian Area	A transitional area between aquatic and terrestrial ecosystems in which the terrestrial ecosystem influences the aquatic ecosystem and vice-versa. Because of the unique conditions adjacent to lakes, streams and open water wetlands, riparian areas harbor a high diversity of plants and wildlife. Riparian communities are ecologically and socially significant in their effects on water quality and quantity, as well as aesthetics, habitat, bank stability, timber production, and their contribution to overall biodiversity.

ERA = Ecological Reference Area
 HCVA = High Conservation Value Area
 SCA = Special Conservation Area



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																					
1	4113 - R.Maple, Conifer	Sawtimber Well	8.9	79	81-110	N/A	2015 YOE: Stand was thinned in 2008 (Culvert Set Hardwood). 2025 YOE: Transition stand from hardwood to cedar. Mix of decent red maple, birch, hemlock and cedar. A few scattered beech and large white pine present. Heavy fir understory throughout most of stand. Also pockets of barely sub-merchantable fir present throughout stand. Decent maple advanced regen where stand was thinned heavier.																																																					
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2	6120 - Lowland Cedar	Poletimber Medium	73.0	105	81-110	N/A	2015 YOE: Stand of wet ground lowland cedar...15-20 ft. tall. Poor quality and variable density. Tag Alder scattered. Some widely scattered balsam and black spruce. No merchantability. 2025 YOE: Variable cedar stand. Pockets of dense, pole size cedar scattered between short, sparse patches of cedar and tag alder. Very wet. Frequent blowdown present.																																																					
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3	500 - Water	Nonstocked	4.6			No																																																						
4	629 - Mixed non-forested wetland	Nonstocked	11.2			No																																																						
5	6129 - Mixed Coniferous Lowland Forest	Sapling Poor	33.1	77	1-50	N/A	2015 YOE: Wet, lowground of sparse, poor quality cedar and tamarack. There is some black spruce, but a good amount of it is flooded/dead. 2025 YOE: Sparse, small, stunted black spruce and conifer. Cedar mixed in that appears to be regeneration. Stand is clumpy and patchy with tag alder filling gaps. Very wet.																																																					
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6	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	38.3	27	Immature	N/A	2015 YOE: Stand was cut last entry. Absolute mix of variable cherry, birch, aspen, balsam and spruce regeneration. There is a good amount of cedar regeneration scattered throughout. 2025 YOE: Stand is filling in very nicely since previous harvest. Same species present as last entry. Should be ready for harvest again in 2-3 entries from now.																																																					
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																														
7	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	11.4	68	51-80	N/A	2015 YOE: Mixed stand of cedar, paper birch, and black spruce. Some merchantable birch, but variable. Most cedar is small diameter, as is the spruce. Density is variable. Overall, not enough volume of birch or spruce to warrant any treatment on this wet of ground. 2025 YOE: Same composition as last entry, but there has been significant blowdown resulting in much lower BA. Decent regen in spots consisting of mostly cedar and fir. Consider taking top off this entry if it can combined with enough acreage to be feasible.																																														
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8	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	21.5	90	111-140	N/A	Mixed cedar stand. Mostly pole to small log size cedar mixed with red maple, birch, aspen, spruce and fir. Variable size and composition throughout. More mixed and slightly more drained than surrounding cedar.																																														
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9	4319 - Mixed Upland Forest	Sawtimber Well	12.3	94	111-140	N/A	2015 YOE: Stand of Larger White Pine with mix of Aspen, balsam, and poor quality red maple. This is a very low ridge surrounded by large wet cedar stand. 2025 YOE: Same as last entry other than a higher percentage of birch and very little aspen. Mostly high ground.																																														
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10	6122 - Black Spruce	Poletimber Medium	6.8	92	1-50	N/A	2015 YOE: Small stand of mixed conifer. Slightly higher ground than surrounding stand. A low amount of balsam, but predominantly black spruce. 2025 YOE: Same as last entry. Some cedar scattered throughout stand.																																														
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11	6120 - Lowland Cedar	Poletimber Well	32.6	93	111-140	N/A	2015 YOE: Stand is a slight variant of the much larger surrounding cedar stand. There is a component of aspen and tamarack in the north part mixed with the small cedar and black spruce. 2025 YOE: Mixed cedar stand. Cedar is more mature than larger, surrounding cedar stand. Mixed with tamarack, birch and some white pine.																																														
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12	3302 - Low Density Conifer Trees	Nonstocked	11.2			No	2025 YOE: Mostly tag alder with some small, mixed swamp conifer mixed in throughout stand. More in the west part of the stand.																																														



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13	629 - Mixed non-forested wetland	Nonstocked	18.0			No																																													
14	613 - Lowland Mixed Forest	Sapling Well	14.5	92	1-50	N/A	2015 YOE: Isolated island stand within very large surrounding cedar stand. Very limited access. 2025 YOE: Same as last entry. Mixed low density swamp conifer.																																												
15	429 - Mixed Upland Conifers	Sawtimber Well	24.2	96	81-110	N/A	2015 YOE: Some large White Pine on ridge with Spruce gradiating down to wetland cedar. Very limited access. 2025 YOE: Ridge surrounded by lowland ground. Mix of large white pine, birch, spruce, fir and red maple. Some aspen present. Southern edge and finger off southern edge are slightly lower ground than rest of the stand. These areas contain fir and less white pine than the rest of the stand. Almost no way to access stand for management.																																												
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17	6124 - Lowland Spruce-Fir	Poletimber Well	25.7	92	51-80	N/A	2015 YOE: Stand is an isolated island within very large cedar stand, making access very limited and difficult. 2025 YOE: Small pole size mixed swamp conifer. Sparse in places. Small ridge of white pine and birch on east side of stand. Almost no access for management.																																												
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18	6120 - Lowland Cedar	Poletimber Well	844.2	109	111-140	N/A	2015 YOE: Very large stand of variable density cedar. Very small diameter overall, but some areas of decent cedar. There are areas mixed with variable amounts of black spruce and paper birch, but mostly un-merchantable. There are large white pine scattered throughout. 2025 YOE: Variable cedar stand in size and density. Areas of sapling size cedar present and also areas of log size cedar, with everything in between. Spruce, fir, tamarack and birch mixed in throughout stand. Some mortality and blowdown present throughout stand. No sign of any deer presence.																																												
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19	629 - Mixed non-forested wetland	Nonstocked	21.4			No																																													
20	42200 - Natural White Pine	Sawtimber Well	21.6	95	81-110	N/A	2015 YOE: Isolated Ridge adjacent to paquin Creek. Scattered White Pine and birch. Access is very limited due to surrounding cedar and wetlands. 2025 YOE: Long narrow ridge surrounded by lowland ground. Large white pine with birch, spruce, fir and some aspen mixed in. No access to this stand. The west part of this stand was formerly stand 16, but has been merged with this one because of similarities.																																												
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22	6229 - Mixed lowland shrub	Nonstocked	31.0			No	Tag alder and scattered small cedar.																																																		
23	4319 - Mixed Upland Forest	Poletimber Well	19.0	55	51-80	N/A	2015 YOE: Ridge of Aspen mixed with balsam and spruce. Virtually no access for treatment. Blocked by very wet cedar stand and wetlands.2025 YOE: Long narrow ridge surrounded by lowland ground. Mix of birch, spruce and fir. Much of the fir and some birch has died resulting in lower BA than last entry. Stand is transitioning to more conifer. Dense fir and spruce sapling throughout much of stand. Scattered large white pine throughout stand.																																																		
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24	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Well	7.6	80	51-80	N/A	2015 YOE: Stand is a variant of surrounding stand. Appears to have a higher spruce content. No access for treatment.2025 YOE: Surrounded by flooded cedar, dead/dying cedar stand. Looks to be slightly more upland and contain more deciduous than surrounding area.																																																		
25	6229 - Mixed lowland shrub	Nonstocked	6.3			No	Scattered small diameter cedar, spruce, fir and birch mixed with tag alder.																																																		
26	629 - Mixed non-forested wetland	Nonstocked	11.6			No																																																			
27	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Poor	14.7	95	51-80	N/A	2015 YOE: Small stand of poorer quality aspen, balsam, paper birch mix with spruce. Very limited access. Lower basal area, check again in ten years.2025 YOE: Patches of cedar, spruce, fir and birch surrounded by tag alder. Mix of pole and some saw within patches. Very poor access.																																																		
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28	6129 - Mixed Coniferous Lowland Forest	Poletimber Medium	11.0	75	51-80	N/A	2015 YOE: Stand is variant of surrounding large cedar stand. Stand appears to have a higher component of spruce. No access for any treatment.2025 YOE: Same as last entry.																																																		
29	6139 - Mixed Lowland Forest	Poletimber Poor	210.1	52	1-50	N/A	2015 YOE: Stand of mixed cedar, tamarack, and black spruce. Very wet ground.2025 YOE: Sparse scattered birch and swamp conifer mixed with tag alder. Very wet stand. Abundant snags and dying trees. Flooded area.																																																		
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30	6120 - Lowland Cedar	Sapling Medium	70.5	100	51-80	N/A	2015 YOE: Stand appears is much wetter than adjacent cedar stand and cover is more sparse, with higher mortality. Very limited access.2025 YOE: Same as last entry.																																																		



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																											
31	629 - Mixed non-forested wetland	Nonstocked	4.2			No																																																												
32	500 - Water	Nonstocked	1.2			No																																																												
33	500 - Water	Nonstocked	28.3			No																																																												
34	622 - Lowland Shrub	Nonstocked	5.9			No																																																												
35	500 - Water	Nonstocked	5.5			No																																																												
36	6239 - Mixed Emergent Wetland	Nonstocked	17.6			No																																																												
37	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	39.2	61	111-140	N/A	<p>2015 YOE: Variable stand of birch, aspen, spruce/fir, hardwood and white pine. There is white pine regeneration comin in good. Some white pine have dead tops.</p> <p>2025 YOE: Stand is currently under contract as part of the On the Side (45-118-22) timber sale. Part of this stand has a current treatment on it. Mixed stand stand of log and pole size maple, birch, spruce/fir underneath large white pine and hemlock. Some cedar present mostly on edges. Good regen in spots. Mostly maple, birch, fir and white pine. Mostly upland, but drainages/creeks present in multiple spots throughout stand.</p>																																																											
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38	500 - Water	Nonstocked	6.9			No																																																												
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40	4134 - Aspen, Spruce/Fir	Poletimber Well	14.9	35	81-110	N/A	<p>2015 YOE: Pole stand of mixed aspen, spruce, and balsam. Stand was cut in 1998 (Mystery Birch).2025 YOE: Nice stand of aspen/spruce/fir. Just coming into pole size. Many saplings still present. Some low ground present throughout stand. More conifer on west side.</p>																																																											
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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41 500 - Water Nonstocked 1.3 No

42 4191 - Mixed Upland Deciduous with Conifer Poletimber Well 2.4 37 81-110 N/A

2025 YOE: Cut in 1985. Mixed stand of hardwood and aspen mix. Variable size classes. There is a lot of cherry, birch, and balsam. Large gaps in some spots containing dense hardwood regen. Stand data pulled from adjacent stand, 45139050, as they are the same stand and were harvested as part of the same timber sale. Manage together in the future.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	20	Pole	7	37	Black Cherry	Medium	Variable	Sapling
Quaking Aspen	5	Pole	6		Maple (spp.)	Medium	Variable	Sapling
Paper Birch	15	Pole	6		Balsam Fir	Low	Variable	Sapling
Black Cherry	15	Pole/Sapling	5					
White Pine	3	Log/Pole	10					

43 429 - Mixed Upland Conifers Sawtimber Well 32.8 102 111-140 N/A

2015 YOE: Variable stand of birch, aspen, spruce/fir, hardwood and white pine. There is white pine regeneration comin in good. Some white pine have dead tops.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	5	Pole/Sapling	5		White Pine	Low	Variable	Sapling
Paper Birch	15	Pole/Sapling	5	30	Red Maple	Low	Variable	Sapling
Quaking Aspen	15	Pole/Sapling	5		Conifers	Low	Variable	Sapling
White Pine	45	Log	14	102				
Red Pine	10	Log/Pole	12					
Balsam Fir	10	Pole	6					

2025 YOE: Saw size white pine with some red pine mixed in over white pine, birch, aspen, maple and white pine sapling/small poles. Islands of aforementioned timber surrounded by wet bog. Some white pine mortality.

44 6131 - Hemlock, White Pine, Maple, Birch Poletimber Well 9.6 58 81-110 N/A

2025 YOE: Mix of birch, white pine, fir, spruce, red maple and some cedar. Small ridge surrounded by lowland ground. Large scattered white pine throughout stand. More cedar and smaller stems in northern part of stand. Access road to stand, but in poor shape and through lowland ground.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	15	Pole	7		Paper Birch	Low	Variable	Sapling
White Spruce	5	Pole	8		Red Maple	Low	Variable	Sapling
Red Maple	10	Pole	7		Conifers	Medium	Variable	Sapling
White Pine	20	Pole/Log	9					
Paper Birch	40	Pole	8	58				

45 6128 - Lowland Coniferous, Mixed Deciduous Poletimber Well 12.7 91 111-140 N/A

2025 YOE: Mixed lowland stand containing cedar, birch, spruce, fir and maple. Mostly pole sizem but larger birch and maple stems present. Fir understory throughout most of stand.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Northern White Cedar	45	Pole	7	91	Northern White Cedar	Low	Variable	Sapling
Black Spruce	10	Pole	7		Paper Birch	Low	Variable	Sapling
Balsam Fir	15	Pole	7		Balsam Fir	Medium	Variable	Sapling
Red Maple	10	Pole/Log	8		Red Maple	Low	Variable	Sapling
Paper Birch	20	Pole/Log	8					