

Compartment Review Presentation

Sault Ste. Marie Forest Management Unit

Compartment 45200

Entry Year: 2027

Acreage: 3,521

County: Mackinac

Management Area: St. Ignace Lake Plain

Stand Examiner: Nate Plato

Legal Description:

T41N-R11W Sections 5 - 9, Newton Township; T41N-R12W Sections 1 - 8, Newton Township; & T42N-R12W Sections 33 & 34, Newton Township

Identified Planning Goals:

The location of this compartment runs along the Lake Michigan shoreline from S. Gould City Road west to the Schoolcraft County line. The compartment has been managed over the years as a Natural Area. Although not legally dedicated, it is protected by local management to preserve its natural value. The website on Natural Areas has this to say about the area: "This area has all the characteristic and significant features of northern Great Lakes shores: dunes, interdunal wetland, cobble beach, Great Lakes endemic plants, and rare shorebirds. The interdunal swales are among the longest known and a good example of this uncommon community (fewer than 50 good sites anywhere) which is restricted to the shores of the Great Lakes. This is one of the longest stretches of Lake Michigan shoreline not bounded by roads and cottages, an example of Great Lakes shoreline mostly as it was at the time of European settlement." This entry there will be about 100 acres of northern hardwoods being managed via single tree selection. This treatment is in the northern part of the compartment and outside of the dune and swale complex.

Soil and topography:

This compartment follows the Lake Michigan shoreline for approximately 10 miles. Inland, it goes as far as the old Lake Nipissing shoreline. It is a dramatic bluff in most areas. Soils associated with the bluff line and following it in a narrow band are primarily: Pullup fine sand (rolling to steep areas on dunes, beach ridges and bars), Springlake loamy coarse sand (rolling to steep areas on outwash plains, ground moraines, and beach ridges), and Guardlake fine sandy loam (gently rolling to rolling to steep areas on outwash plains). Other minor components along this narrow bluff line are: Kalkaska sand (rolling to steep areas on outwash plains and ground moraines), Greylock fine sandy loam (very steep areas on ground moraines, end moraines, and drumlins), and Battydoe fine sandy loam (rolling to steep areas on ground moraines and drumlins). However, the overwhelmingly predominant soils within this compartment are Eastport-Leafriver complex, encompassing the dune-swale complex; and Leafriver-Croswell-Wainola complex, encompassing the similar swale-ridge complex along Lake Michigan. Esau-Zela complex follows the ridge-swale complex on beach ridges, and is found in a narrow band along the Lake Michigan shoreline from Hughes Point to Seiner's Point; at Birch Point, and Scott Point. Small inclusions of Alpena gravelly loam, Ensign fine sandy loam and Eastport sand are located along the lakeshore just west of Scott Point. These landforms are described as nearly level to rolling areas on glacial lake beach ridges; nearly level areas on bedrock-controlled ground moraines and glacial lake benches; and nearly level to rolling areas on dunes and beach ridges. The hardwood west of S. Gould City Road is typed as Guardlake fine sandy loam (nearly level and undulating areas on outwash plains), with a small amount of Spot-Finch complex alongside some ponds.

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

State lands abut to the north. These are above the old Lake Nipissing bluff are fairly accessible. There are two private in-holdings within the compartment. One of them is by Birch Point. There are several small tracts here, with several seasonal cabins. The other private parcel is located along the S. Gould City Road. Norton-Oglebay Limestone Company is adjacent to the west. While parts of their land are actively mined for limestone, directly adjacent is still timberlands but their main thoroughfare to Port Inland is just into Schoolcraft County. Lake Michigan is the southern boundary for this compartment.

Unique Natural Features:

With the lakeshore influences, there is potential for, and are, several rare, threatened and endangered plant and animal species and communities. Many areas along the lakeshore are now considered ERA's (ecological reference areas). The compartment contains Seiner's Marsh, several named points in Lake Michigan (Hughes Point, Seiner's Point, Birch Point and Scott Point), several named creeks (Seiner's Creek, Swan Creek, Peterson Creek and Hudson Creek) and unnamed creeks, Island Lake and a couple small unnamed lakes, plus miles of sand or cobble beach.

Archeological, Historical, and Cultural Features:

There is an archeological site listed on the National Register of Historic Places and the State Register of Historic Sites. It has been the site of archeological surveys from 1960-62 and 1979-80.

Special Management Designations or Considerations:

The whole compartment is being managed as a Natural Area. Attempts have been made to stop ORV's from riding along the beach shoreline.

Watershed and Fisheries Considerations:

This compartment contains Seiners Creek, Swan Creek, and Peterson Creek. This compartment also borders the northern shore of Lake Michigan. Seiners Creek, Swan Creek, and Peterson Creek are all non-designated streams less than 50-ft wide that have predicted mean July water temperatures that range from 57.6 to 60.6°F (cold streams). 100-ft, plus 5 feet per 1% increase in slope, buffers are recommended for Seiners Creek, Swan Creek, and Paterson Creek to protect these resources in accordance with Best Management Practices.

Wildlife Habitat Considerations:

This compartment is in the St. Ignace Lake Plain Management Area where featured wildlife species include American marten, American woodcock, black bear, blackburnian warbler, black-throated blue warbler, ruffed grouse, sharp-tailed grouse, snowshoe hare, and white-tailed deer. Conifer dominates this compartment with a major component of cedar, fir, white pine, and hemlock. The compartment is part of a wooded dune and swale complex adjacent to Lake Michigan which is also an ERA, and the compartment is part of a deer wintering complex. The majority of the compartment including the wooded dune and swale complex will be left, which will provide un-fragmented forest critical to migratory songbirds including blackburnian warbler as well as many other species like marten and bear, and it will maintain the conifer cover for wintering deer. A hardwood thinning may occur in the northeast corner of the compartment; the stand is a continuation of the hardwood stand to the north, and any sensitive areas will be left. Shoreline areas will also be left to protect the habitat for shoreline species. However, invasive species control may take place where necessary to maintain the natural habitat.

Mineral Resource and Development Concerns and/or Restrictions

No known potential exists for commercial oil & gas production in this part of the state, and there is no known potential for economic production of metallic minerals in this area. No active sand & gravel operations are known to exist in the area. Potential for any sand & gravel development within the compartment appears to be limited. Bedrock is near the surface across much of the compartment and surrounding area. Port Inland and Carmeuse's southern quarry operations are immediately west of the compartment. In addition, historically, extensive exploration (test drilling) for high-purity dolomite was completed by Bethlehem Steel just north the compartment. While valuable dolomite resources may exist within/beneath the compartment, potential for economic development of these resources is unlikely in the near future. Development of a new quarry and associated infrastructure would not be economical at this time. 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:

The only vehicle access within the compartment is via Birch Point Road. While this is a DNR road, it does access the private cabins at Birch Point. The private landowners have helped improve the road at various times. S. Gould City Road runs along the east edge. A couple of two-tracks access the hardwood stand off S. Gould City Road and lead to the small lake areas. An old beach road used to follow the shoreline west of S. Gould City Road. This was the only access to the private parcels by Birch Point for many years. It is now gated at S. Gould City Road, and is not very discernible anymore.

Survey Needs:

None

Recreational Facilities and Opportunities:

Opportunities for bird watching, viewing Lake Michigan shoreline endemic flora, and hiking the undeveloped sandy and cobblestone beaches abound for those wishing to get away from it all. Hunting, photography, studying nature, and scenic views are also available options. Camping and picnicking is available Newton Township Park, located at the end of S. Gould City Road.

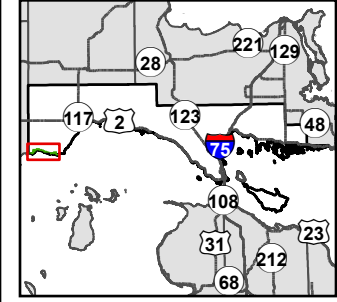
Fire Protection:

Due to the isolated nature of the shoreline, there is little potential for human caused fires. The short stretch of cabins by Birch Point harbors some potential for wildfires due to the human influences and development. Lightning strikes probably have occurred within the compartment, but have burned themselves out before being detected. The interspersing of the lowland swales probably help deter any small fires from becoming larger ones. Access to any wildfires would be difficult over much of the compartment, and a plan should be made to consider minimal impact suppression tactics if needed.

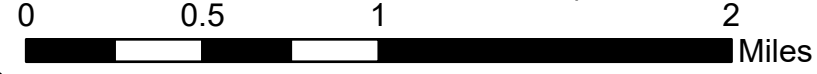
Additional Compartment Information:

A Forest Treatment Proposal (FTP) has been approved to treat invasive phragmites along the Lake Michigan shoreline. Treatments as per work instructions and FTP may occur along the shoreline as necessary to eliminate the colonizing invasive phragmites.

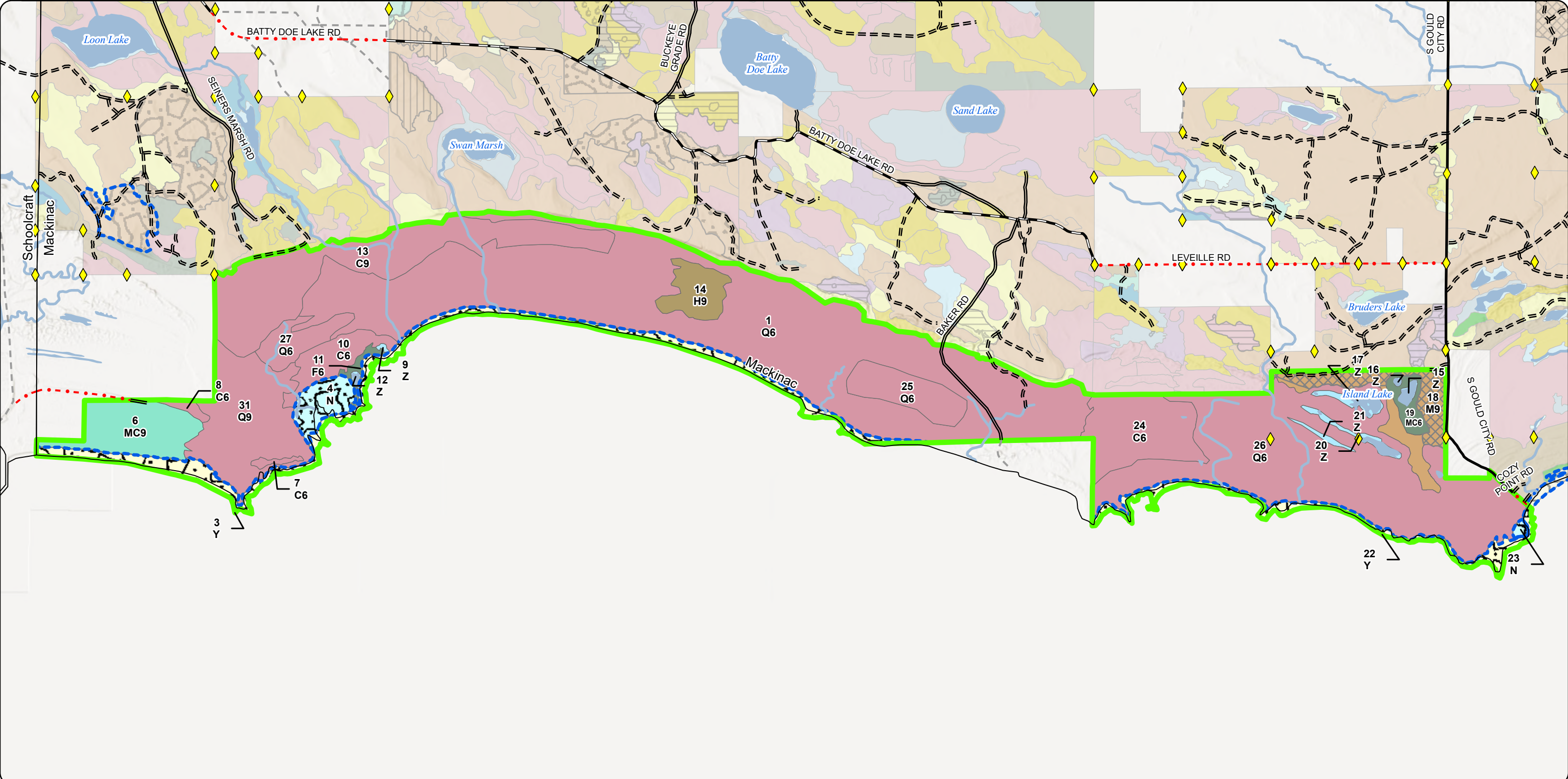
Cover Type & Treatments Map



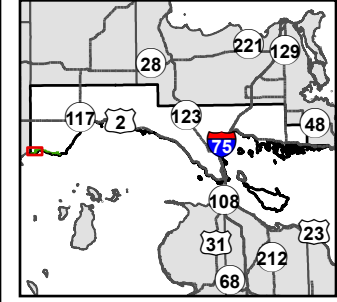
Compartment: 45200
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 T42N, R12W, Sec: 32-34
 T41N, R11W, Sec: 5-9
 County: Mackinac
 Unit: Sault Ste. Marie
 Mgmt. Area: St. Ignace Lake Plain
 YOE: 2027
 Acres: 3,521 GIS Calculated
 Examiner: Nate Plato
 Date Exported: 02/04/2026
 Map Phase: Post Review



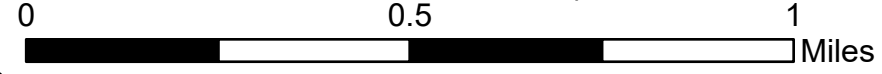
- ◆ Survey Grade Corners
- ▲ Berm
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- == DNR - Forest Access Route
- Federal / State / County - Paved Road
- - - County - Gravel Road
- - - Private - Dirt / Gravel Road
- Streams
- Lakes and Rivers
- ▭ Compartment Boundary
- ▨ Selection
- 📍 Monitoring
- ▭ Treatments with Site Conditions
- 411 - Northern Hardwood
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 500 - Water
- 612 - Lowland Coniferous Forest
- 623 - Emergent Wetland
- 710 - Sand, Soil



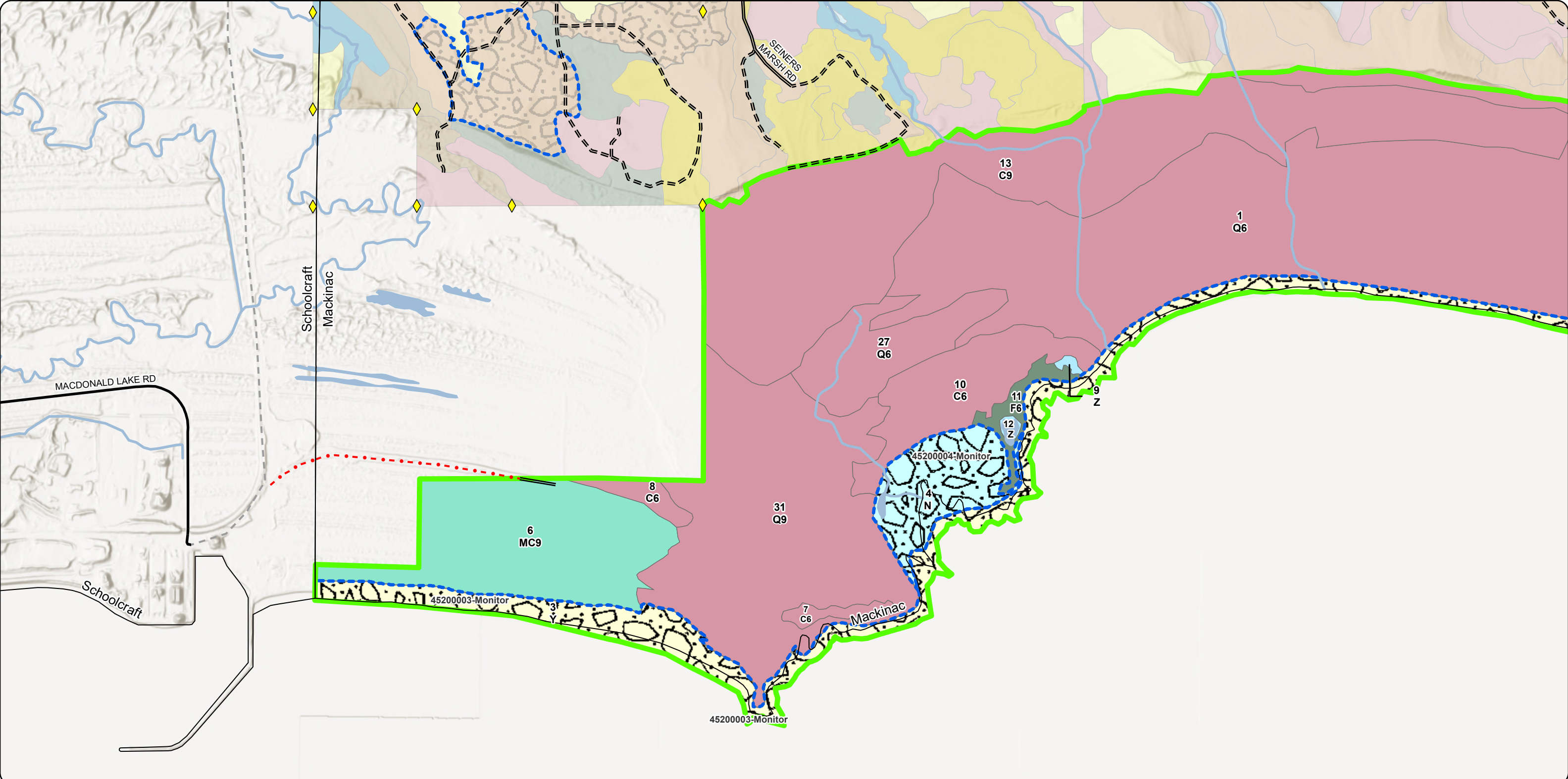
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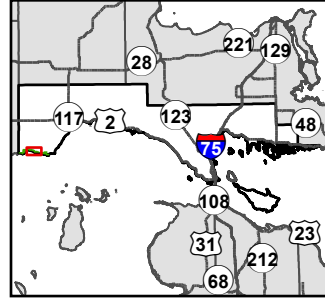
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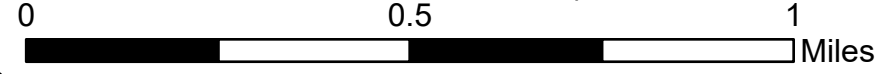
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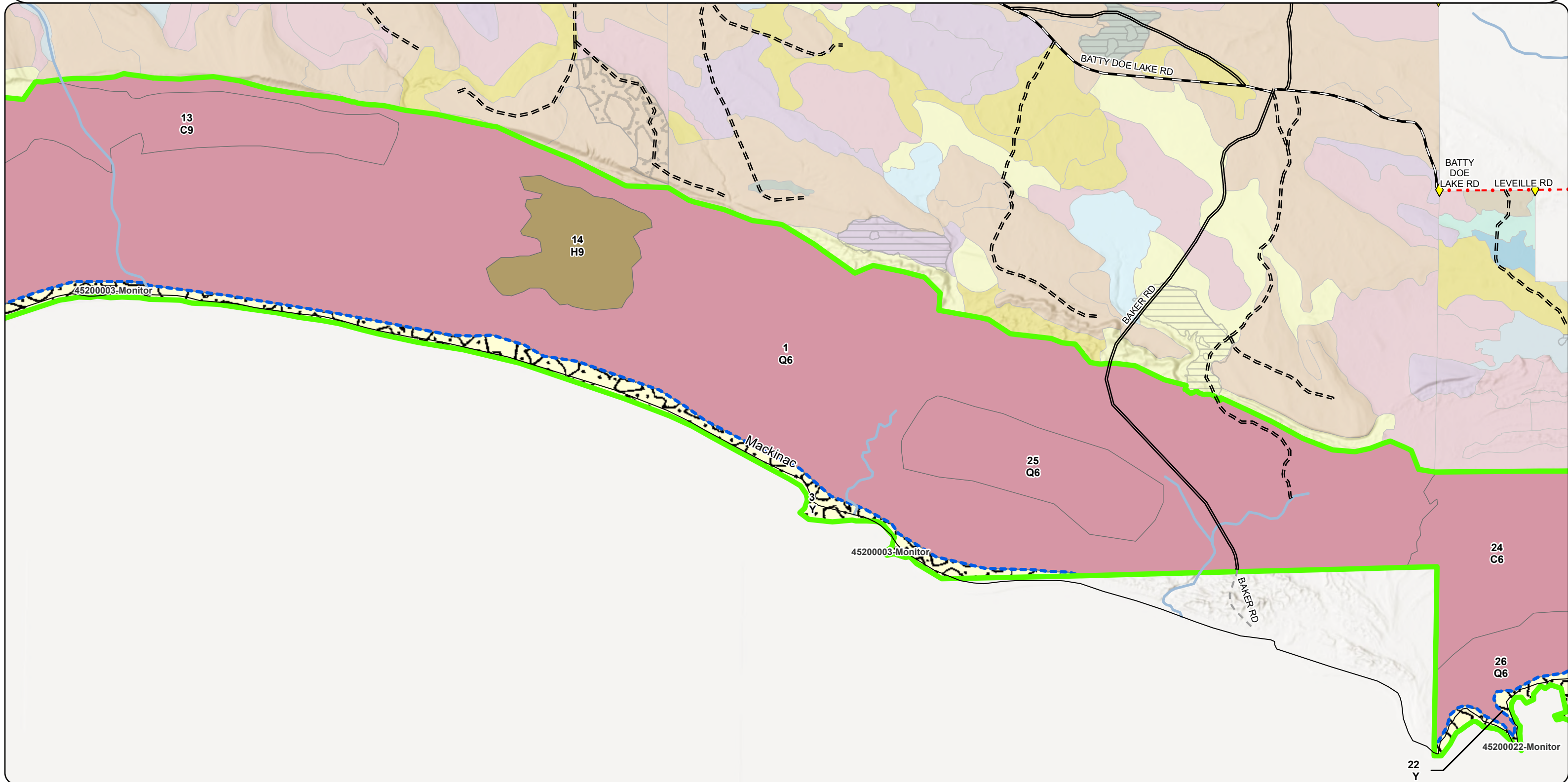
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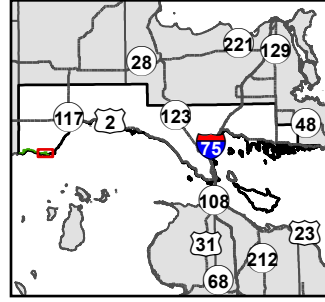
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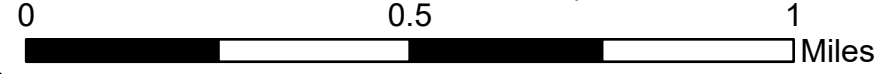
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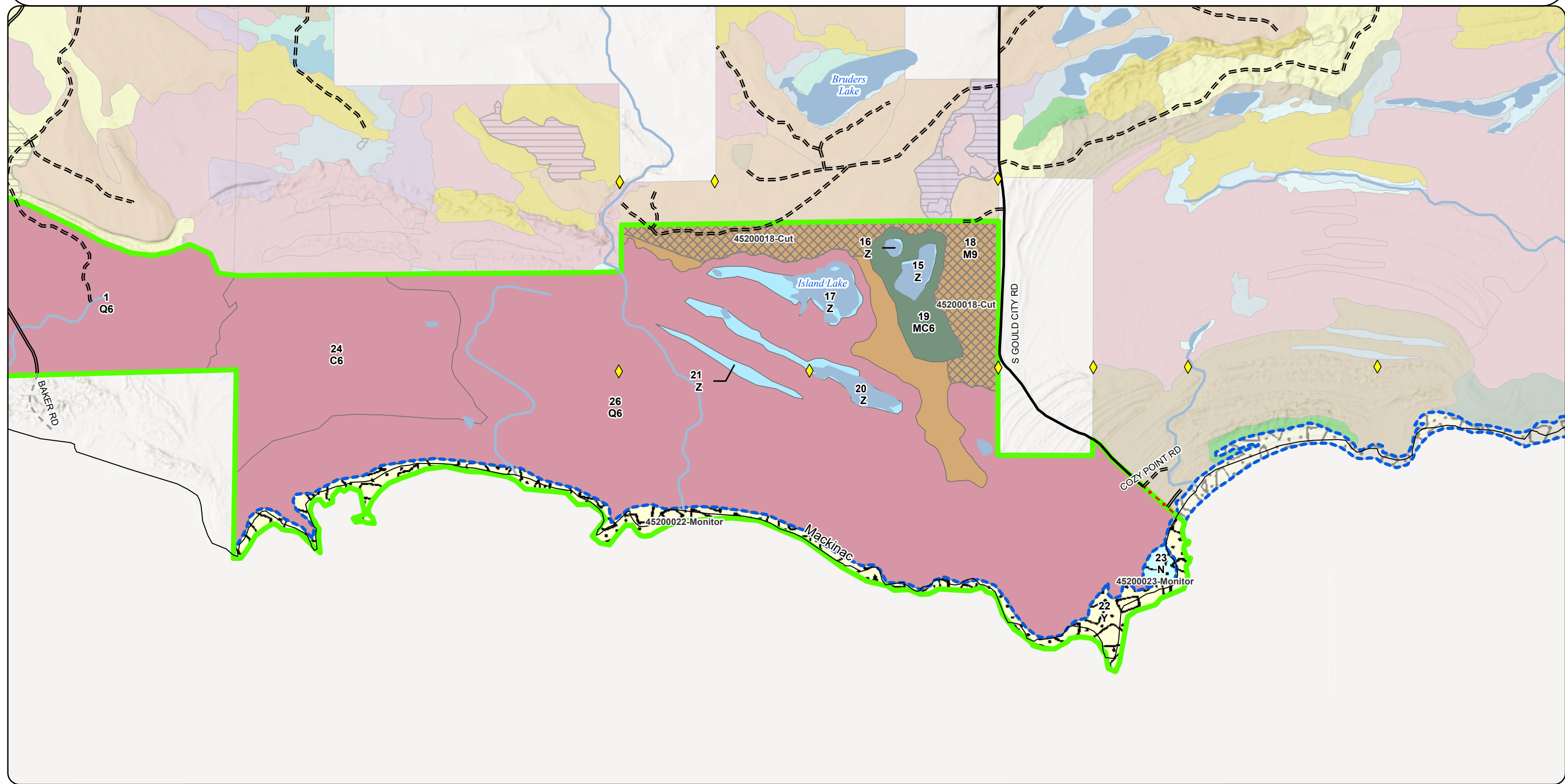
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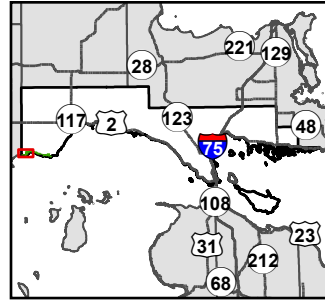
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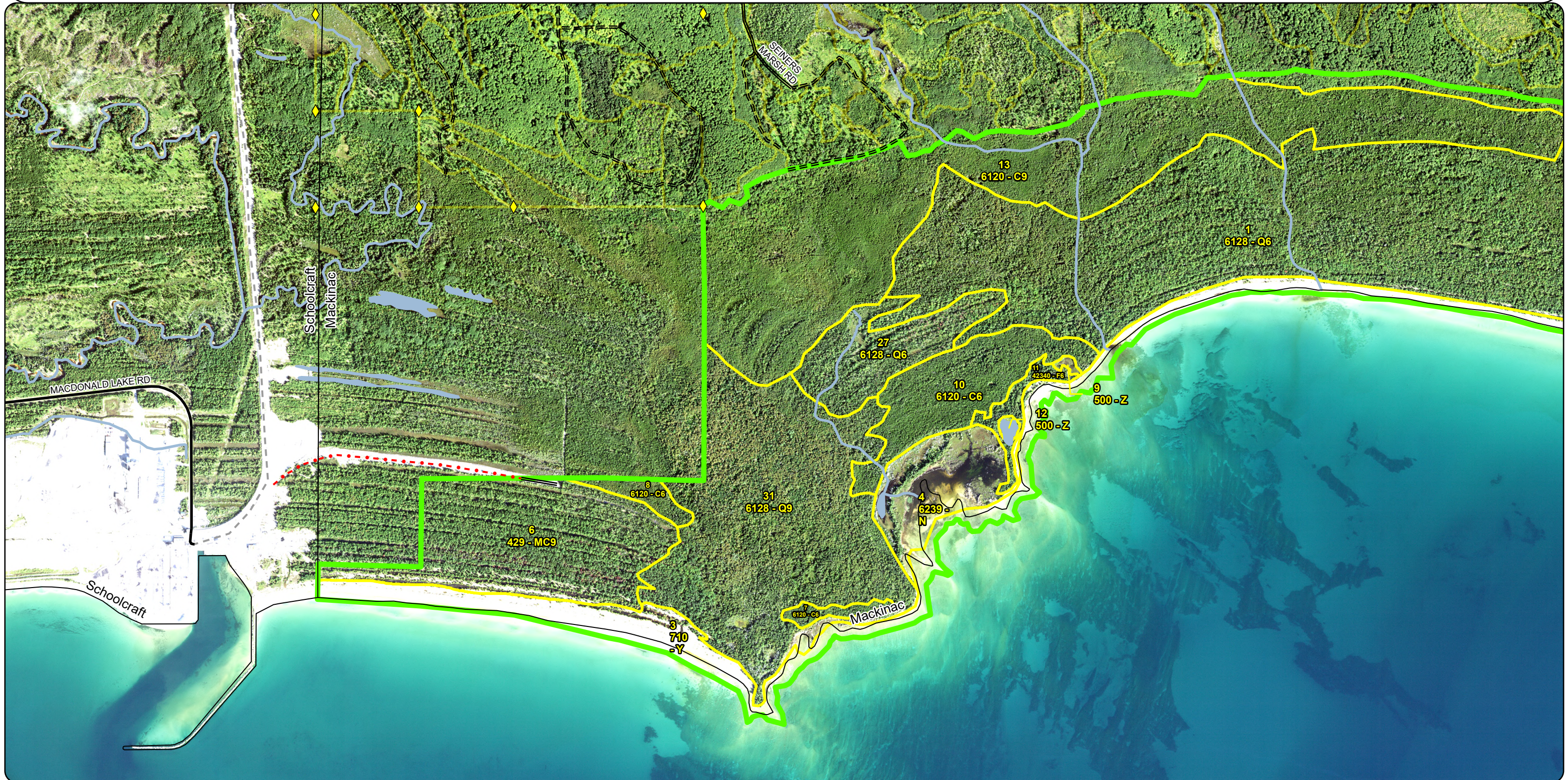
Stand Boundary Map



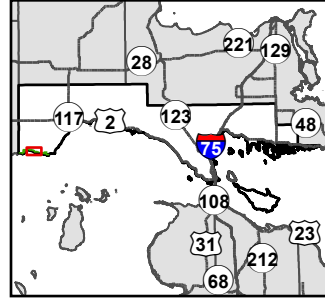
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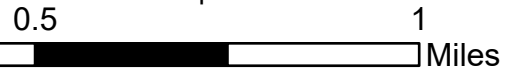
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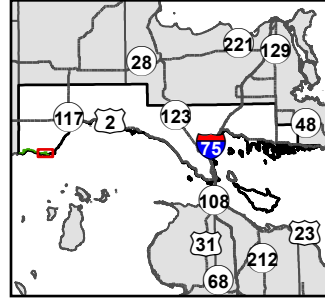
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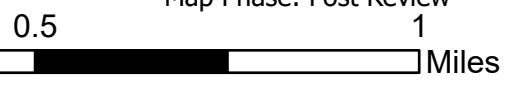
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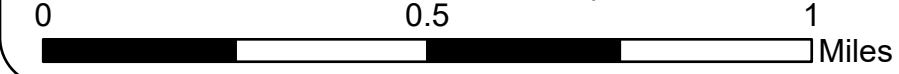
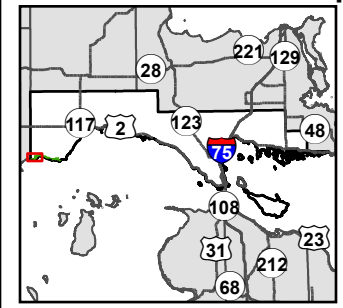


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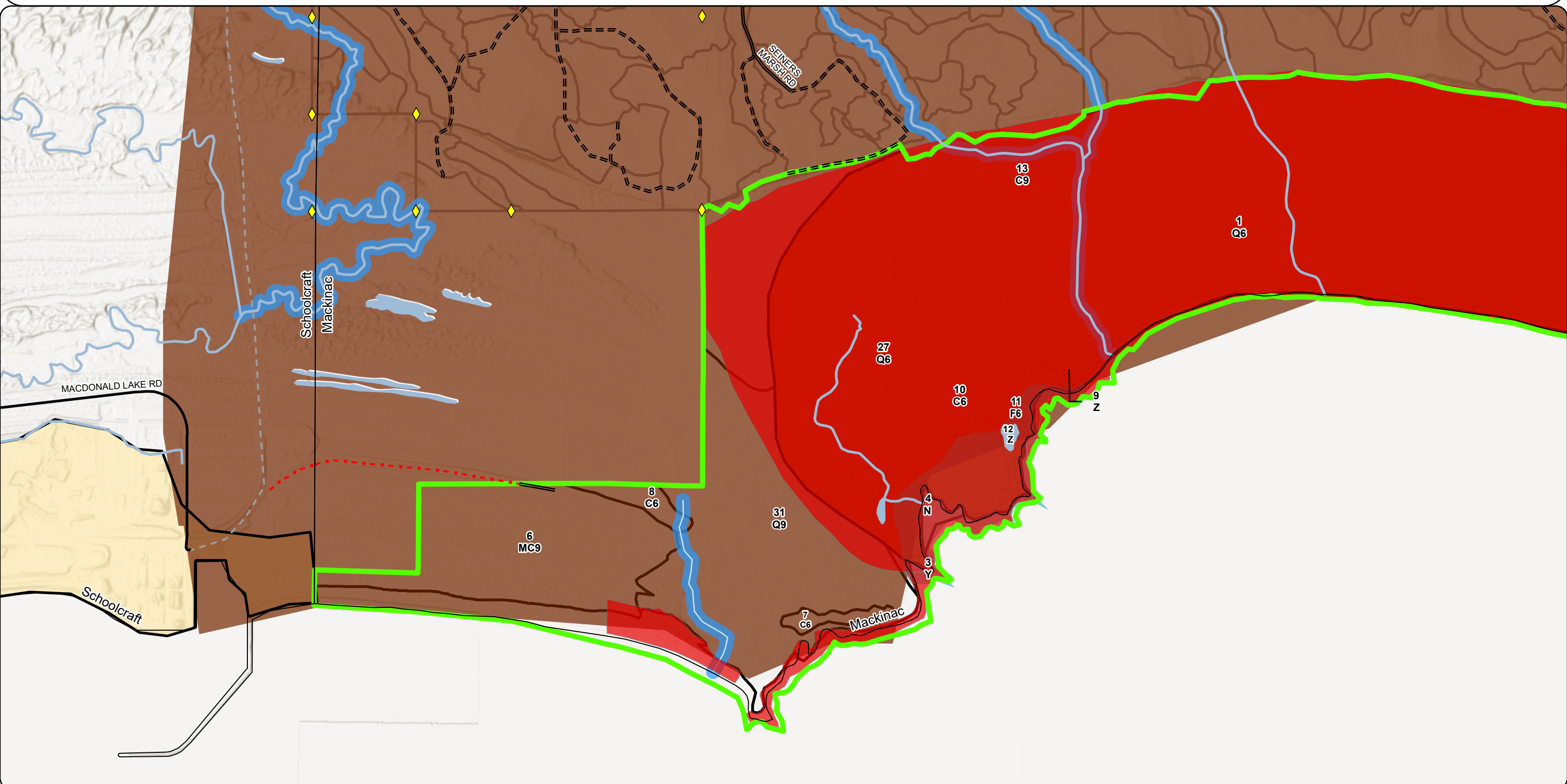


Special Conservation Areas & Site Conditions Map

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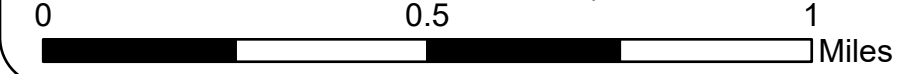
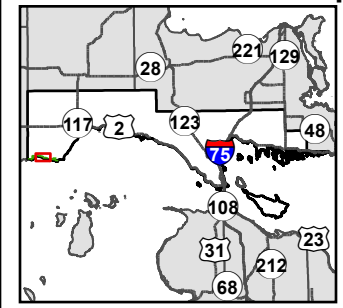


- Survey Grade Corners
- Lakes and Rivers
- Cold Water Streams
- DNR - Secondary Forest Road
- Compartment Boundary
- High Priority Trout Stream Buffer
- DNR - Forest Access Route
- Stand Boundaries
- Deer Winter Range
- Federal / State / County - Paved Road
- Ecological Reference Areas
- Sand or Gravel Pit
- County - Gravel Road
- Coastal Environmental Areas
- Other Habitat Area
- Private - Dirt / Gravel Road
- SCA
- Possible Type 2 Old Growth
- Streams
- SCA Removal

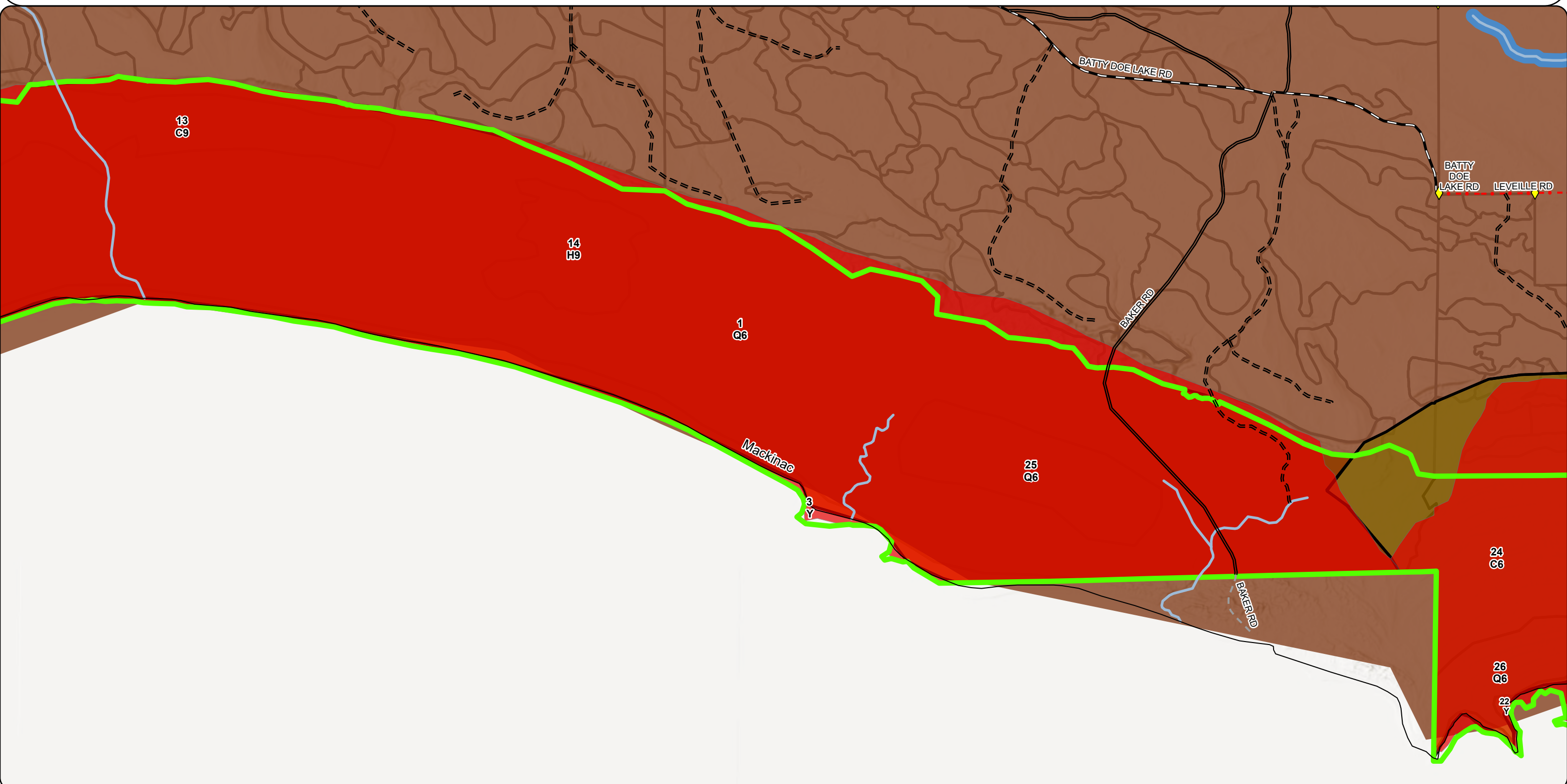


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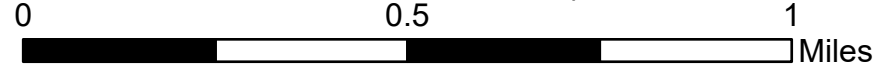
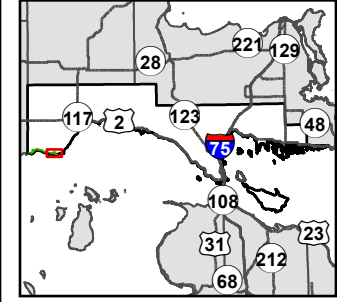


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- SCA
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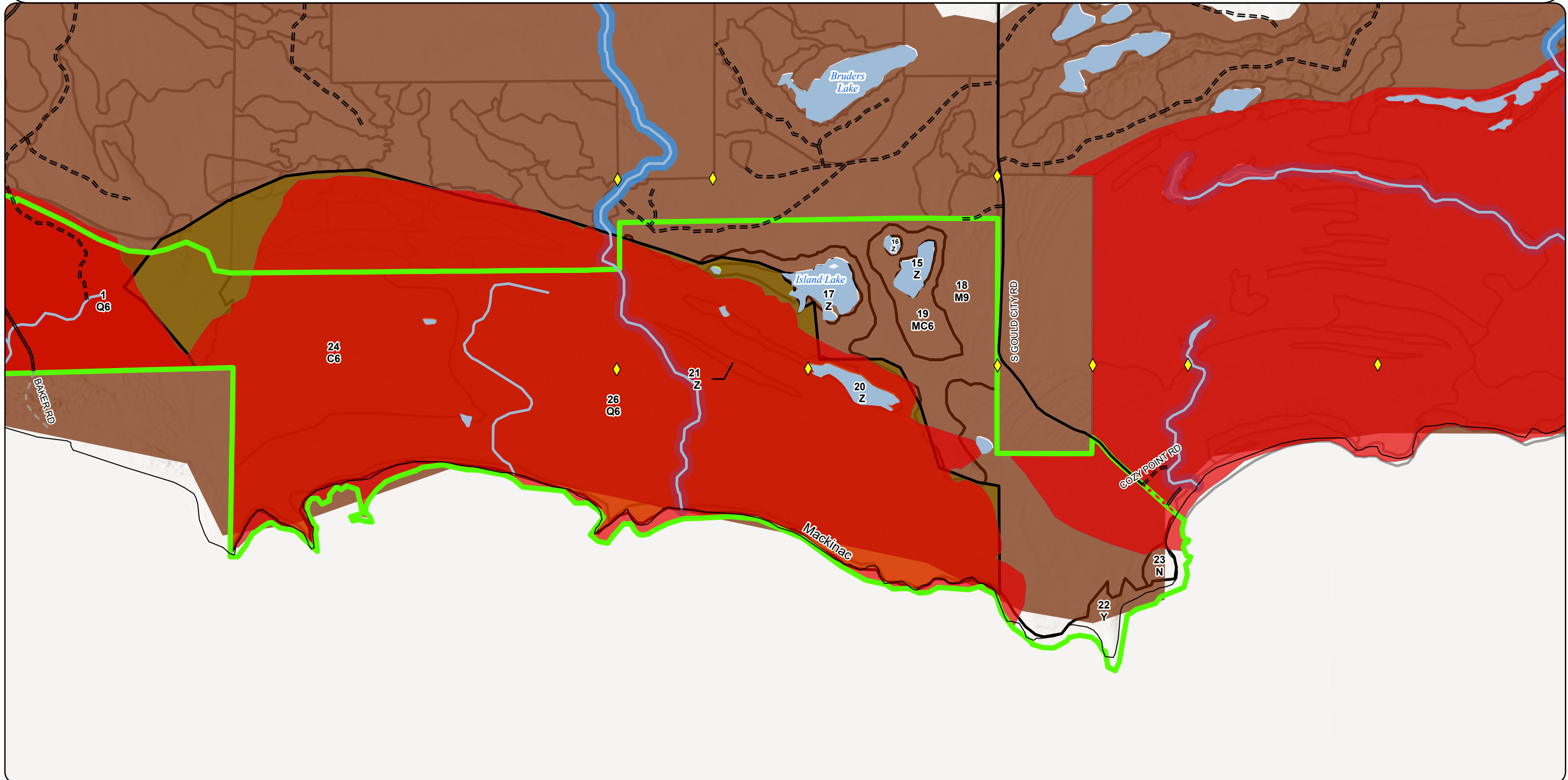


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- SCA Removal
- Cold Water Streams
- High Priority Trout Stream Buffer
- Deer Winter Range
- Other Habitat Area
- Possible Type 2 Old Growth



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**

Report 1 – Total Acres by Cover Type and Age Class

Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Uneven-Aged	Total
Cedar	0	0	0	0	0	0	0	0	0	0	0	0	16	156	399	0	0	0	571
Hemlock	0	0	0	0	0	0	0	0	0	0	0	60	0	0	0	0	0	0	60
Lowland Conifers	0	0	0	0	0	0	0	0	1982	54	0	0	229	0	0	0	0	0	2265
Marsh	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	55
Northern Hardwood	0	0	0	0	0	0	0	0	0	114	0	0	0	0	0	0	0	0	114
Sand, Soil	243	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	243
Upland Conifers	0	0	0	0	0	0	0	0	0	0	26	128	0	0	0	0	0	0	154
Upland Spruce/Fir	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	12
Water	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48
Total	346	0	0	0	0	0	0	0	1994	168	26	188	245	156	399	0	0	0	3522

Report 2 – Treatment Summary

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

Acres of Harvest

Compartment 200
Total Compartment Acres: 3,521

Commercial Harvest - 304
Harvests with Site Condition - 0
Next Step Harvest - 0
Habitat Cut - 0

Cover Type by Harvest Method

		Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overshory Removal	Salvage	Other	Total Acres
Northern Hardwood		0	76	0	0	0	0	0	0	0	76
	Total	0	76	0	0	0	0	0	0	0	76

Proposed and Next Step Treatments by Method

		Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current		76	0	0	0	0	299	0	0	0	375
	Next Step	0	0	0	0	597	228	222	0	0	1047
	Total	76	0	0	0	597	527	222	0	0	1422

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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	45200003-Monitor	170.8	710 - Sand, Soil	99			Monitoring	Monitoring	710 - Sand, Soil	Previous Inventory	No
<p><u>Prescription</u> Monitor for presence of phragmites. <u>Specs:</u> <u>Next Step</u> Other, Other - Specify; Pesticide, Broadcast; Pesticide, Aerial - Release <u>Treatments:</u> <u>Acceptable Regen:</u> <u>Other Comment:</u> Monitor for illegal ORV use. <u>Site Condition:</u> Conservation Values <u>Proposed Start Date:</u> 10/02/2025</p>											
4	45200004-Monitor	51.0	6239 - Mixed Emergent Wetland	99			Monitoring	Monitoring	6239 - Mixed Emergent Wetland	Previous Inventory	No
<p><u>Prescription</u> Monitor for presence of phragmites or other invasive species. <u>Specs:</u> <u>Next Step</u> Pesticide, Broadcast; Other, Other - Specify; Pesticide, Aerial - Release <u>Treatments:</u> <u>Acceptable Regen:</u> <u>Other Comment:</u> <u>Site Condition:</u> Conservation Values <u>Proposed Start Date:</u> 10/02/2025</p>											
18	45200018-Cut	76.1	4112 - Maple, Beech, Cherry Association	9	89 111-140		Harvest	Selection	411 - Northern Hardwood	Current	No
<p><u>Prescription</u> Thin stand to an average residual BA of 70-80 focusing on overmature, large diameter stems. Also remove as many declined/cull stems as possible while still maintaining target BA. Expand existing gaps with quality regen and also create gaps with regen pr <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Intermediate); Monitoring, Natural Regen (Intermediate); Monitoring, <u>Treatments:</u> <u>Acceptable Regen:</u> Maple, birch, cherry, basswood, aspen, ash. <u>Other Comment:</u> Conduct a pre-harvest invasive species survey (delayed decision). <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
22 45200022-Monitor	72.5	710 - Sand, Soil	99			Monitoring	Monitoring	710 - Sand, Soil	Previous Inventory	No
<p><u>Prescription</u> Monitor for phragmites and spray if needed. Monitor for illegal ORV use. <u>Specs:</u> <u>Next Step</u> Pesticide, Hand Application; Pesticide, Aerial - Release <u>Treatments:</u> <u>Acceptable</u> native plants <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> Conservation Values <u>Proposed Start Date:</u> 10/01/2025</p>										
23 45200023-Monitor	4.3	6239 - Mixed Emergent Wetland	99			Monitoring	Monitoring	6239 - Mixed Emergent Wetland	Previous Inventory	No
<p><u>Prescription</u> Monitor for presence of phragmites or other invasive species due to known infestations in nearby stands/along shoreline. Treat with herbicide as needed. <u>Specs:</u> <u>Next Step</u> Pesticide, Hand Application; Pesticide, Aerial - Release <u>Treatments:</u> <u>Acceptable</u> native plants <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> Conservation Values <u>Proposed Start Date:</u> 10/01/2026</p>										

Total Treatment 374.7
Acres Proposed:

Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Nate Plato: Examiner

Compartment: 200

Year of Entry: 2027

Availability for Management

Total	Acres	Acres Avail	Acres
Acres	Available	With Condition	Not Available

Dominant Site Conditions

3H

571	0	0	571	Cedar	74
60	0	0	60	Hemlock	
2265	0	0	2265	Lowland Conifers	37
55	0	0	55	Marsh	
34	0	0	34	Northern Hardwood	
243	0	0	243	Sand, Soil	
154	0	0	154	Upland Conifers	
12	0	0	12	Upland Spruce/Fir	
48	0	0	48	Water	
3,441			3,441	Total Forested Acres	111
	0%		100%	Relative Percent	

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

Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable	3A: Conservation values incompatible with harvest at this time	2,020	Unspecified	Unspecified	Unspecified	Unspecified
Comments: ERA, DHA, Non-dedicated natural area, verified old growth							
2	Unavailable	3A: Conservation values incompatible with harvest at this time	233	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Non-dedicated natural area Seiner's Point and DWC							

Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Compartment: 200

Nate Plato: Examiner

Year of Entry: 2027

3	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	111	Unspecified	Unspecified	Unspecified	Unspecified
Comments: DWC							
10	Unavailable	3A: Conservation values incompatible with harvest at this time	295	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Seiner's Point non-dedicated natural area.							
14	Unavailable	3A: Conservation values incompatible with harvest at this time	782	Unspecified	Unspecified	Unspecified	Unspecified
Comments: WDS ERA, Simmons woods core interior habitat DHA, Non-dedicated Natural area Seiner's Point, verified old growth, DWC.							

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
Scott Point	Type 1 or Type 2 Old Growth		SCA Removal	920
Comments Does not meet Old Growth Criteria				
Seiner's Point	Habitat Area or Habitat Corridor	Other Habitat Area	SCA Removal	1872
Comments Decided to propose removal during pre-review (7/08/2025) due to the many other ERA/HCVAs designations in this area.				
Seiner's Point	Type 1 or Type 2 Old Growth	Possible Type 2 Old Growth	SCA Removal	1872
Comments Does not meet the criteria, proposed for removal during prereview (07/08/2025)				

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																											
1	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	1,219.9	71	111-140	N/A	2017 YOE: Large variable stand throughout the compartment. True mix depending on where you stand. Overall is lowground with some areas of higher ground. 2017 YOE: Same as last entry. Low areas containing cedar and other swamp conifer mixed with ridges mixed with spruce/fir, aspen, maple and birch. Scattered large white pine throughout stand. Overall a pole stand, but most size classes present.																																																											
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3	710 - Sand, Soil	None	170.8			No	2017 YOE: Beach area with boulders and rocks in places. 2027 YOE: Same as last entry. WLD: Surveyed for phragmites presence on 7/2/2025 and infestations were discovered. Treatment prescribed for spraying.																																																											
4	6239 - Mixed Emergent Wetland	None	51.0			No	2027 YOE: Marsh adjacent to lake. Mouth of unnamed creek. Surveyed for phragmites presence by WLD on 7/2/25 and infestation was discovered. Treatment prescribed for spraying.																																																											
6	429 - Mixed Upland Conifers	Sawtimber Well	128.1	106	81-110	N/A	2017 YOE: Stand is comprised of ridges with mixed pine and balsam/spruce, etc. and wetland in a dune and swale formation. 2027 YOE: Same as last entry. White pine appears to be most dominant throughout stand. Frequent mortality with fir, spruce and tamarack. Tag alder in swales.																																																											
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7	6120 - Lowland Cedar	Poletimber Well	6.3	111	111-140	N/A	2017 YOE: Small stand of cedar adjacent to beach in somewhat of a depression. 2027 YOE: Same as last entry. Dense pole stand. Wet throughout stand. Some blowdown on southern edge.																																																											
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8	6120 - Lowland Cedar	Poletimber Well	9.8	111	81-110	N/A	2017 YOE: Small stand of very wet ground. Small diameter cedar and widely scattered spruce. 2027 YOE: Same as last entry. Stand is still an immature pole stand. Bigger diameters present in southern part of stand.																																																											
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9	500 - Water	None	1.3			No	2027 YOE: Small pond between large cedar stand and lake.																																																											

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																		
10	6120 - Lowland Cedar	Poletimber Well	62.8	131	111-140	N/A	2017 YOE: Dense stand of pole diameter cedar. 2027 YOE: Same as last entry. Some blowdown present, especially on southern edge. A few scattered, large diameter white pine throughout stand.																																																		
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11	42340 - Upland Spruce/Fir	Poletimber Well	11.5	71	51-80	N/A	2017 YOE: Small upland stand between beach and low cedar. Mostly small Spruce/fir. 2027 YOE: Same as last entry. A few scattered white pine present.																																																		
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12	500 - Water	None	1.8			No	2027 YOE: Small pond next to beach.																																																		
13	6120 - Lowland Cedar	Sawtimber Well	336.0	133	111-140	N/A	2017 YOE: Thick cedar stand with some mixed softwood and birch. Very wet in most places and lots of hummucks. Very dense cover. 2027 YOE: Same as last entry. Log size stand overallm but all size classes present. Very steep ridge transitioning stand from hardwoods to the north. Heavy browse throughout stand.																																																		
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14	4312 - Hemlock, Mixed Deciduous	Sawtimber Well	59.8	101	111-140	N/A	2017 YOE: Stand of large Hemlock and mixed hardwood on higher ground ridges if dune and swale. Unique island stand within large lowland conifer area. 2027 YOE: Same as last entry. Some hemlock regen in gaps and lesser stocked areas. Maple regen is heavily browsed.																																																		
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18	4112 - Maple, Beech, Cherry Association	Sawtimber Well	113.7	89	111-140	N/A	2017 YOE: Hardwood stand hit hard with BBD.2027 YOE: Overstocked and overmature northern hardwood stand. Many trees in decline or already dead. BA would significantly higher without extensive mortality. Mostly hard maple, but other associated species present. Maple regen throughout stand, especially in mortality gaps, but is heavily browsed. Not many beech left, but scattered beech brush present.																																																													
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19	42390 - Mixed Non-Pine Upland Conifers	Poletimber Well	26.1	99	81-110	N/A	2017 YOE: mixed upland/lowland stand surrounding small lake/pond.2027 YOE: Mixed lowland stand heavy to cedar. Very wet in spots. A couple small upland patches containing a hardwood hemlock mix.																																																													
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21	500 - Water	None	5.5			No	Pond surrounded by lowland mix.																																																													
22	710 - Sand, Soil	None	72.5			No	2017 YOE: Beach with boulders and rocks scattered, some bedrock expose in areas.2027 YOE: Same as last entry.																																																													
23	6239 - Mixed Emergent Wetland	None	4.3			No	2027 YOE: Marsh with open water and grass. Lowland shrubs around edges.																																																													
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24	6120 - Lowland Cedar	Poletimber Well	155.7	121	Unspecified	N/A	2017 YOE: Dune and swale with higher cedar component than surrounding large lowland conifer stand. Low ridges, very wet in between. 2027 YOE: Same as last entry. Some blowdown throughout stand. Cedar regen present in some areas. Heavy dune and swale complex with tag alder in swales.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch		15	Pole	8		Balsam Fir	Medium	Variable	Variable
Balsam Fir		10	Pole	8		Northern White Cedar	Low	Variable	Variable
White Spruce		10	Pole/Log	9		Tag Alder	Medium	5 - 10 feet	5 - 10 feet
Northern White Cedar		65	Pole/Log	9	121				
25	6124 - Lowland Spruce-Fir	Poletimber Well	84.4	71	81-110	N/A	2017 YOE: Mixed softwood stand on slightly higher ridges than surrounding lowland conifer. Dune and swale complex. 2027 YOE: Same as last entry. Very wet in middle of stand, tag alder inclusion. Some fir mortality present throughout stand. Scattered cedar regen in spots.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch		10	Pole/Log	9		Conifers	Medium	Variable	Variable
Balsam Fir		40	Pole	8	71	Birch (spp.)	Low	Variable	Variable
Black Spruce		35	Pole	8		Tag Alder	Medium	5 - 10 feet	5 - 10 feet
Northern White Cedar		10	Pole/Log	9		Maple (spp.)	Low	Variable	Variable
White Pine		5	Log/XLog	15		Northern White Cedar	Low	Variable	Variable
26	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	677.3	71	111-140	N/A	2017 YOE: Large variable stand throughout the compartment. True mix depending on where you stand. Overall is lowground with some areas of higher ground. 2027 YOE: Same as last entry. Fir and birch are consistent throughout stand. More cedar mixed in in lower areas. Maple and spruce mixed in in higher areas.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple		15	Log/Pole	12		Northern White Cedar	Low	Variable	Variable
Paper Birch		20	Pole/Log	9		Tag Alder	Medium	5 - 10 feet	5 - 10 feet
Quaking Aspen		5	Log/Pole	10		Maple (spp.)	Medium	Variable	Variable
Balsam Fir		30	Pole	8	71	Balsam Fir	Medium	Variable	Variable
White Spruce		5	Log/Pole	10					
27	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	53.8	81	81-110	N/A	2017 YOE: Ridge and swale complex. 2027 YOE: Tag alder in swales. Ridges slightly higher with less cedar than surrounding stands. Some cedar blowdown and fir mortality. Scattered cedar regen throughout stand.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch		20	Pole/Log	9		Birch (spp.)	Low	Variable	Variable
Balsam Poplar		15	Pole/Log	9		Black Spruce	Low	< 5 feet	< 5 feet
Balsam Fir		30	Pole	9	81	Northern White Cedar	Low	Variable	Variable
Black Spruce		15	Pole	8		Tag Alder	Medium	5 - 10 feet	5 - 10 feet
31	6128 - Lowland Coniferous, Mixed Deciduous	Sawtimber Well	229.3	113	111-140	N/A	2017 YOE: Large variable stand throughout the compartment. True mix depending on where you stand. Overall is lowground with some areas of higher ground. 2027 YOE: Dune and swale mix of cedar, spruce, pine and fir. Some maple and aspen mixed in. Tag alder in swales. Mouth of unnamed creek within stand. Little regen in stand due to heavy crown cover. A couple small ponds present within stand.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple		5	Pole/Log	9		Balsam Fir	Medium	Variable	Variable
Paper Birch		25	Pole/Log	9		Birch (spp.)	Low	Variable	Variable
Quaking Aspen		5	Log/Pole	10		Red Maple	Low	Variable	Variable
Balsam Fir		20	Pole	8		Tag Alder	Medium	5 - 10 feet	5 - 10 feet
White Spruce		10	Log/Pole	10		Northern White Cedar	Low	Variable	Variable
Northern White Cedar		30	Log/Pole	10	113				