



Compartment Review Presentation

Sault Ste. Marie Forest Management Unit

Compartment 45018

Entry Year 2017

Acreage: 3,670

County Chippewa

Management Area: Drummond Island

Revision Date: 2015-08-07

Stand Examiner: Jeff Wise

Legal Description:

T41N R7E Sec 3, 4, 9, 10, 33, 34

Identified Planning Goals:

To develop an optimal age class distribution of aspen stands for sustainable forestry and wildlife values. To salvage beech trees with beech bark disease in Northern Hardwood stands. Maintain current openings by burning or brushing for diversity and enhancement of wildlife benefits. To provide reasonable public access for multiple use benefits such as hunting, trail riding, camping, and hiking, while protecting the natural resources.

Soil and topography:

Shelter-Posen-Summerville: deep and shallow, level to steep, poorly drained and well drained, loamy soils on ground moraines and glacial lake benches. Topography is gently rolling to flat with lower wet areas and large, open, scenic vistas.

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

One private parcel in the southwest of the compartment, otherwise a contiguous block of State land. No developments. Primarily used for hunting, trail riding, and timber and wildlife management. Surrounding State land maintains landscape level management.

Unique Natural Features:

A large grass opening known as the "Big Burn" is in the compartment and is burned or partially burned once each entry period.

Archeological, Historical, and Cultural Features:

A road intersection historically known as Cornbeef Junction is here, no concerns this YOE, see Compartment folder.

Special Management Designations or Considerations:

The large openings are usually burned once an entry period.

Watershed and Fisheries Considerations:

This compartment, located on Drummond Island, contains portions of Clear Lake and Dickenson Lake, as well as part of the Potagannissing River. Dickenson Lake is a very shallow lake, with a maximum depth of 3 feet, and has a population of yellow perch. We have no data on Clear Lake. Prescribed management activities are appropriate for the protection of the lakes. A no clear-cut buffer should be maintained adjacent to the Potagannissing River.

Wildlife Habitat Considerations:

This compartment is located in the Drummond Island Management Area, where featured species include white-tailed deer, black bear, snowshoe hare, ruffed grouse, sharp-tailed grouse, and northern goshawk. This compartment is primarily composed of aspen intermixed with cedar and maple with variable densities of a spruce/fir under story as well as cedar stands. Most of the aspen was over 60 years old during the last entry and was treated to provide age and structural diversity while also maintaining the aspen type. As a result, most aspen stands are young. The young aspen will provide favorable habitat for a suite of wildlife including deer, black bear, snowshoe hare, and ruffed grouse. This process will continue, although stand sizes may be reduced to better accommodate future age class diversity between stands while maintaining the aspen resource in the compartment. White pine and hemlock as well as cedar clumps that occur within the aspen stands prescribed for harvest will generally be left as seed trees, potential snags, and other habitat features to create diverse stands while still regenerating early successional habitats. The cedar stands will be left due to their value to wildlife ranging from deer to Neotropical migratory birds.

Some northern hardwood stands will be treated due to beech bark disease being present. These harvests will target beech, although some beech will be retained to maintain diversity and a food source for bear and other wildlife as long as possible and also to provide future snags for cavity-nesters. Remaining species including mast-producers like serviceberry, hazel, and cherry, will generally be left. Oak or disease-resistant beech planting will be considered where beech has been harvested, but site conditions and access may not be favorable for plantings.

This compartment also contains an opening complex that is important for sharp-tailed grouse, sandhill cranes, and other species. The openings have been maintained primarily through prescribed burning in the past, although some mechanical management has taken place. Burning is the preferred method to control encroachment by woody vegetation, but other methods will be explored as necessary to maintain the openings for species that depend on them.

Mineral Resource and Development Concerns and/or Restrictions

The State has very little mineral ownership in this compartment. Surface sediments consist of thin to discontinuous glacial deposits over bedrock. There is insufficient data to determine the glacial drift thickness. The Middle Silurian Manistique, Burnt Bluff, and Engadine groups subcrop below the glacial drift and may be exposed at the surface in sections 3 and 4. The Engadine is quarried for stone/dolomite on the west side of the island. A gravel pit may be located a little more than one mile to the south (in Section 15), but potential appears to be limited in this area. Two exploratory wells were drilled in 1934 and 1943 to the southwest of the compartment to test the Trenton Formation for oil/gas. There is no current economic oil and gas potential in the UP. Surface sediments consist of thin to discontinuous glacial deposits over bedrock. There is insufficient data to determine the glacial drift thickness. The Silurian Manistique, Burnt Bluff and Engadine Groups sub crop below the glacial drift. The Engadine is quarried for stone/dolomite on the west side of the island. A gravel pit is located two miles to the southwest and potential is unknown. Two Trenton exploratory tests were drilled in 1934 and 1943 to the southwest of the Compartment. There is no current economic oil and gas production in the UP

Vehicle Access:

Logging roads, jeep trails and ORV trails are throughout the compartment. Only the Sheep Ranch Rd (Glen Cove Rd) is drivable with conventional vehicles. All other roads and trails require four wheel drive or high clearance vehicles.

Survey Needs:

T42N R7E Sec 34 and T41N R7E Sec 9.

Recreational Facilities and Opportunities:

ORV and Jeep trails are throughout the compartment. Sheep Ranch Road is a snowmobile trail. No facilities. Hunting is one of the main sporting opportunities as well as camping, hiking, and sight seeing.

Fire Protection:

There is good vehicle access to most of the compartment. Accessible water sources are scarce. Glenn Cove is just north of the compartment, accessible on the Sheep Ranch Road.

Additional Compartment Information:

The following reports from the Inventory are attached:

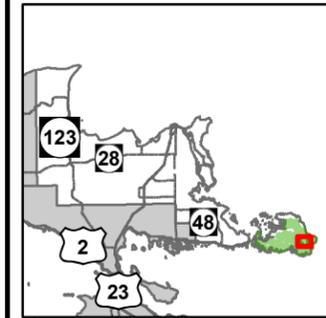
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

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

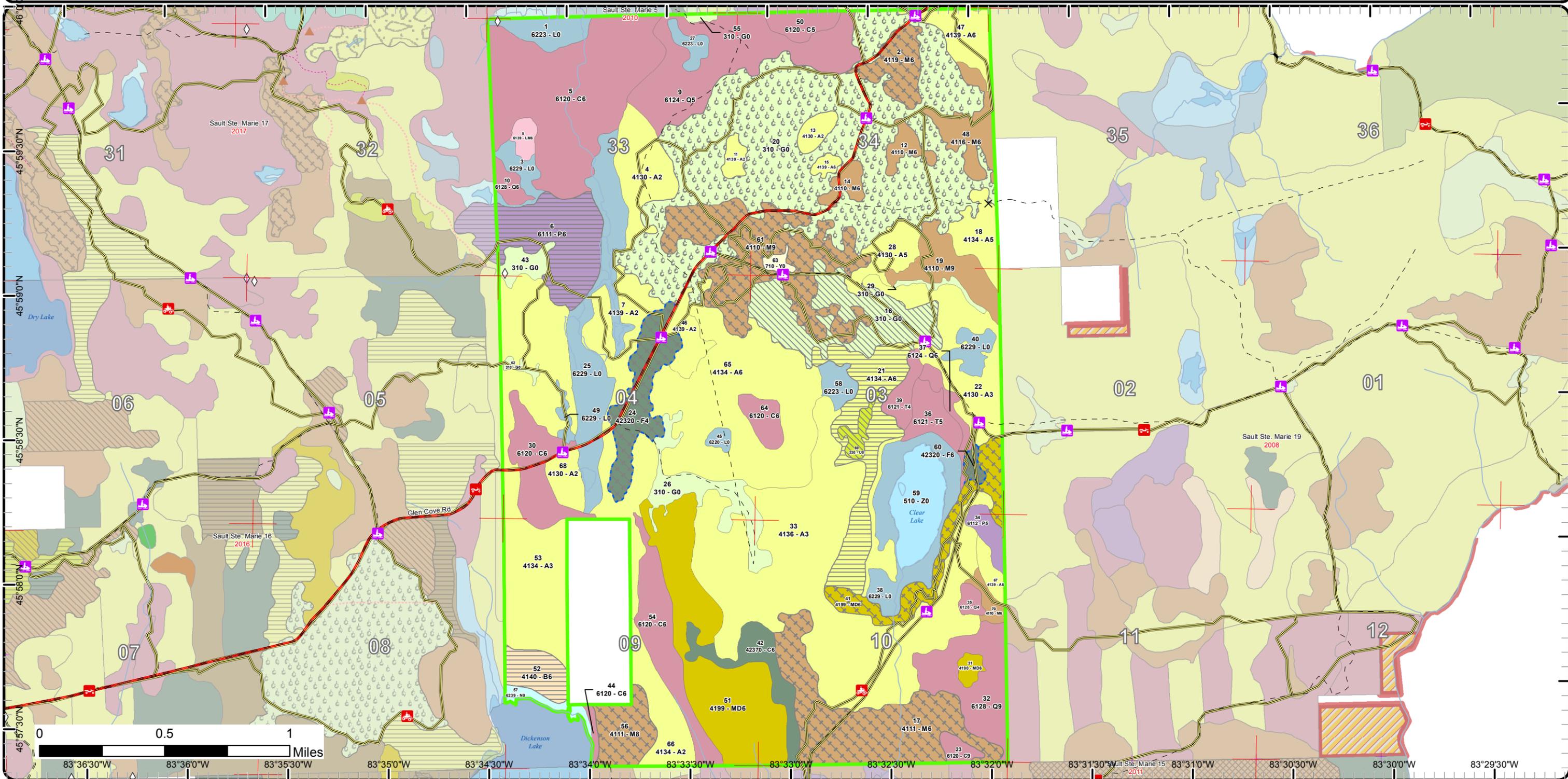
Cover Type & Treatments

Compartment: 18
 T41N, R07E, Sec: 3, 4, 9, 10
 County: Chippewa
 Unit: Sault Ste. Marie
 Mgmt Area: Drummond Island
 YOE: 2017
 Acres: 3670 GIS Calculated
 Examiner: Jeff Wise
 Map Revised: 8/10/2015
 Map Phase: Review



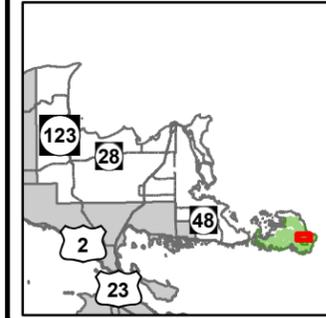
- Remonumented Section Corners
- Field Grade GPS Corners
- Miris Corners
- County Gravel Roads
- Gravel Roads
- Poor Dirt Roads
- Trail (Non-Recreation)
- Closed Roads
- Gate
- Berms
- Bridges
- ORV Trails
- ORV Routes
- Snowmobile Trails
- Rivers
- Lakes
- Treatments with Site Conditions
- Selection (Group, Single Tree)
- Clearcut (w/Reserves)
- Salvage
- Prescribed Burn
- Other Harvest - See Comments

- Forest Coverture**
- 500 - Water
- 411 - Northern Hardwood
- 413 - Aspen
- 414 - Other Upland Deciduous
- 419 - Mixed Upland Deciduous
- 423 - Other Upland Conifers
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- 710 - Sand/Soil

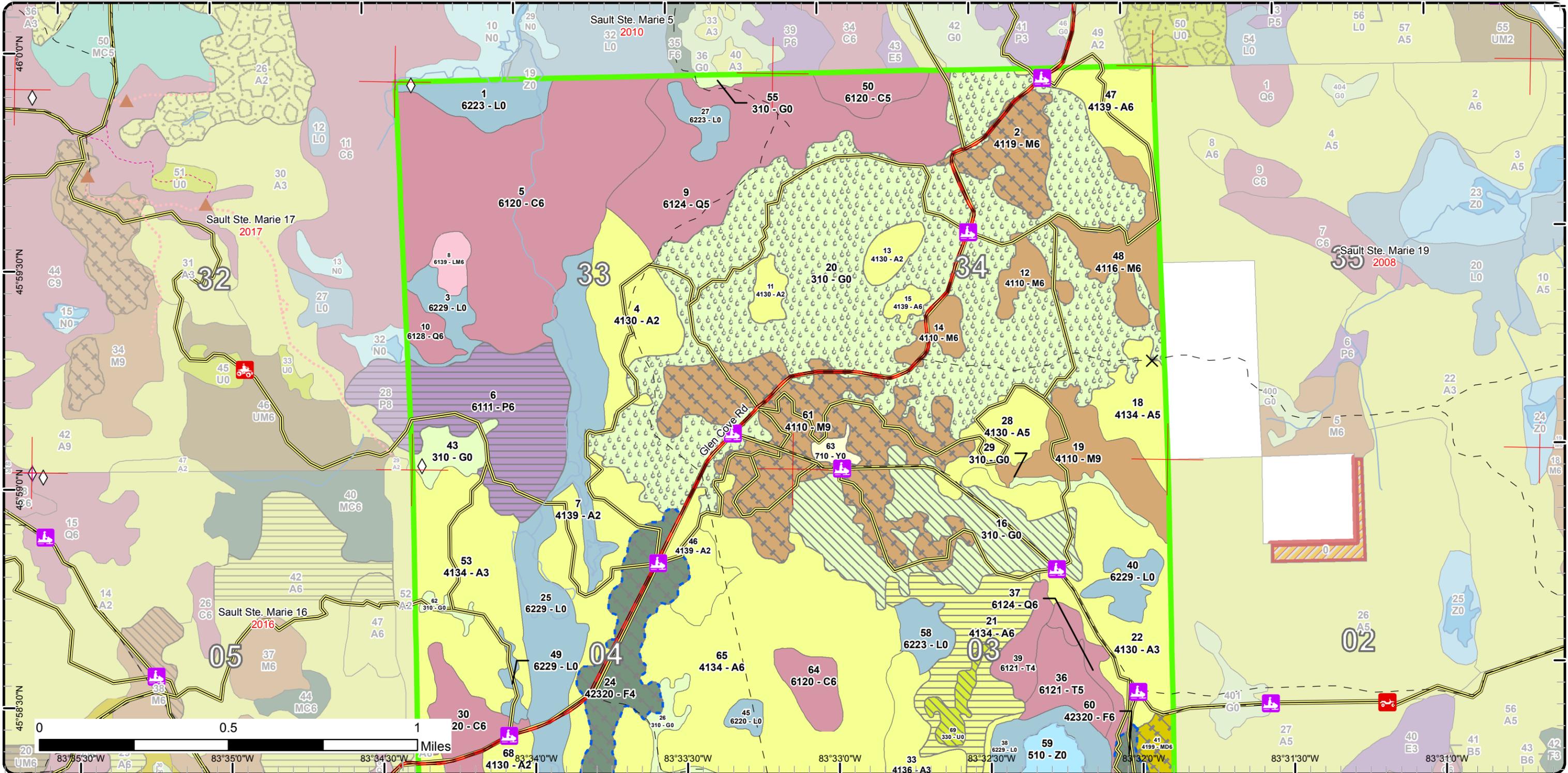


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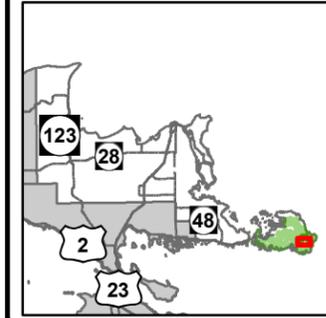


- ✦ Remonumented Section Corners
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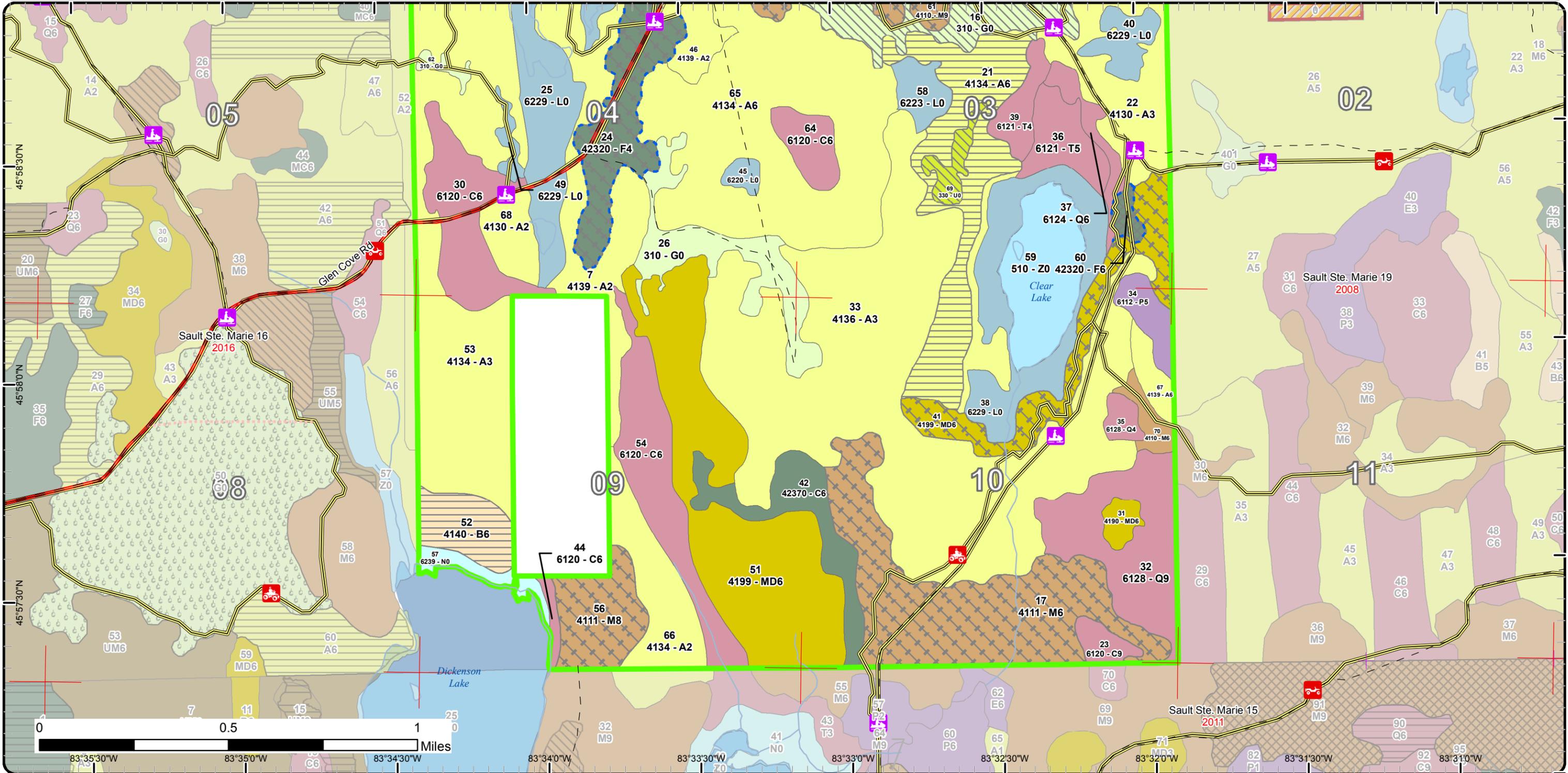


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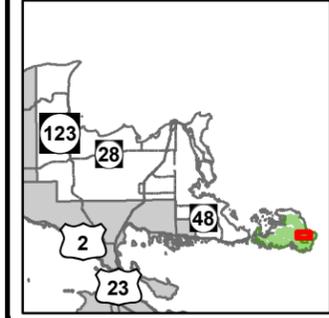


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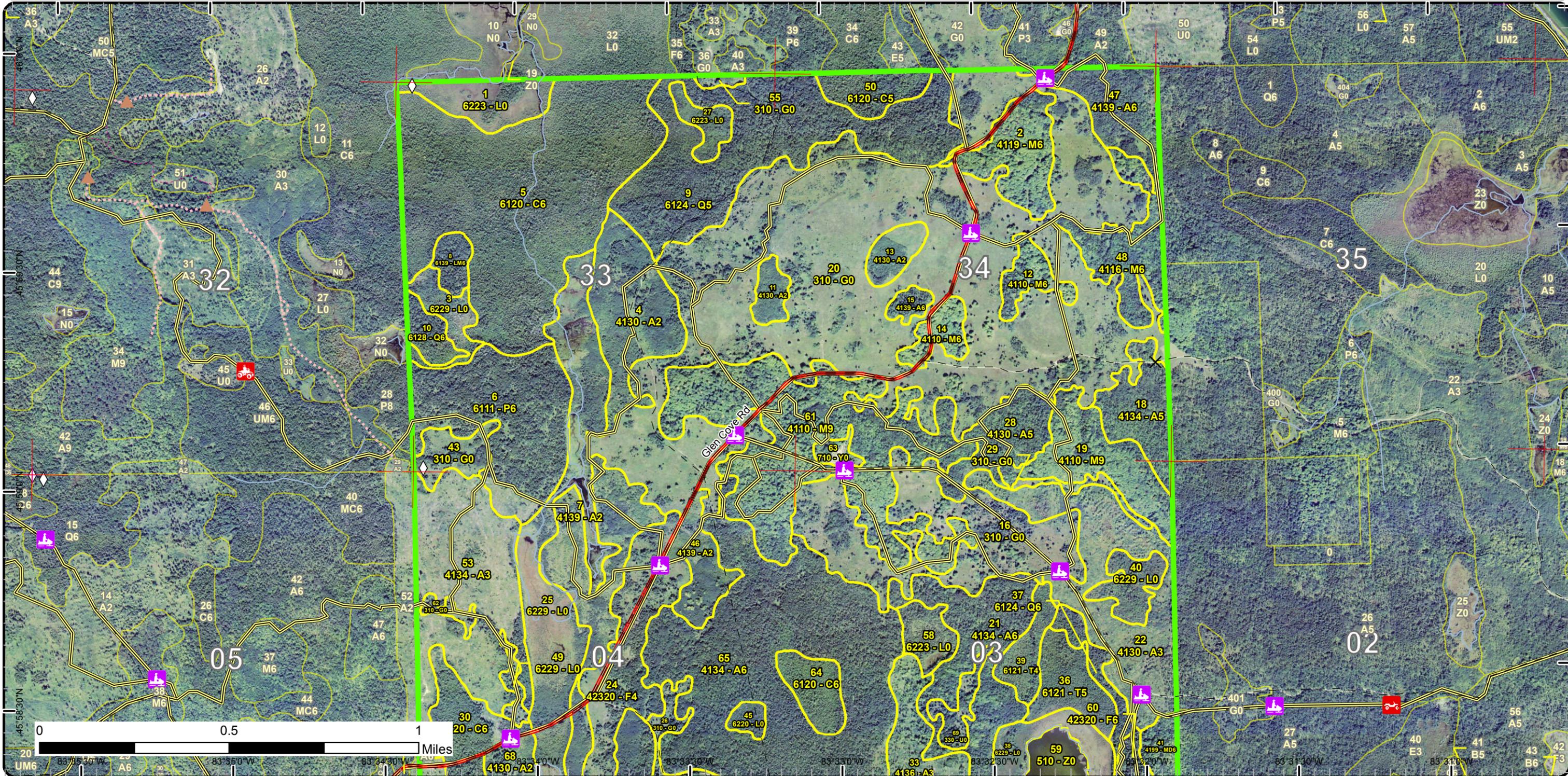


Stand Boundary Map

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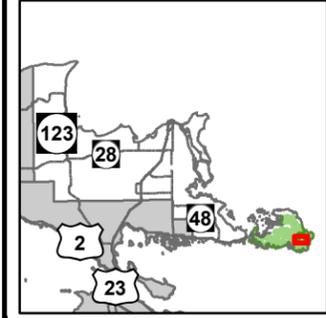


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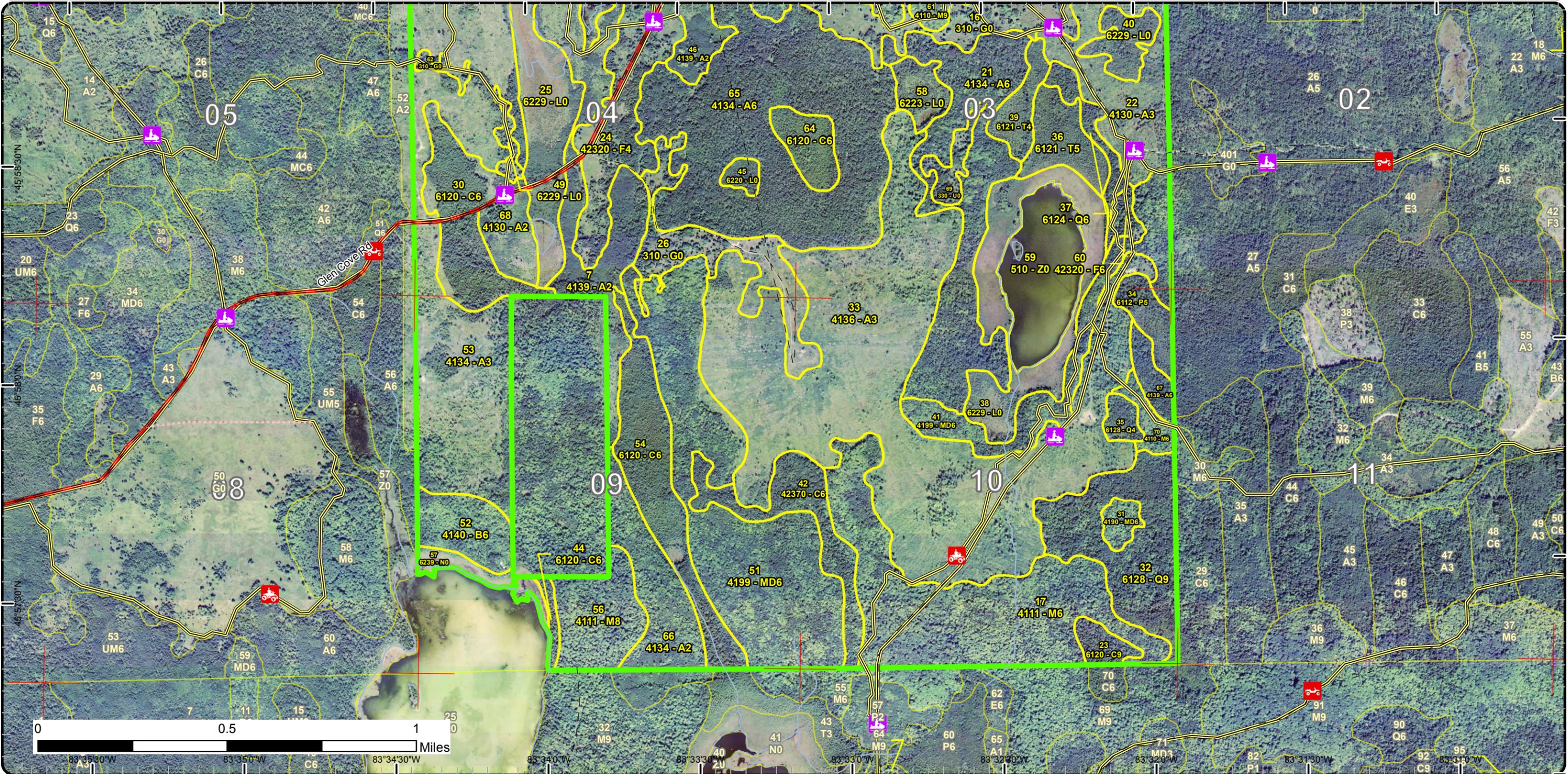


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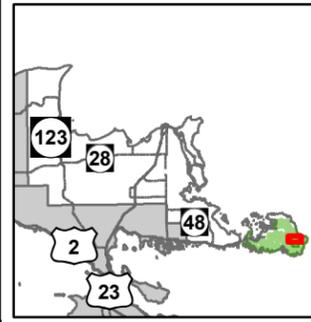


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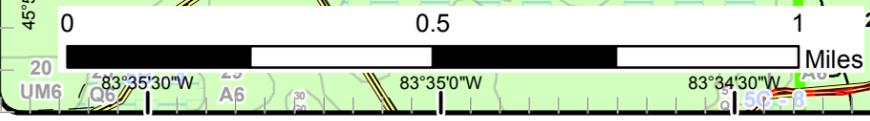
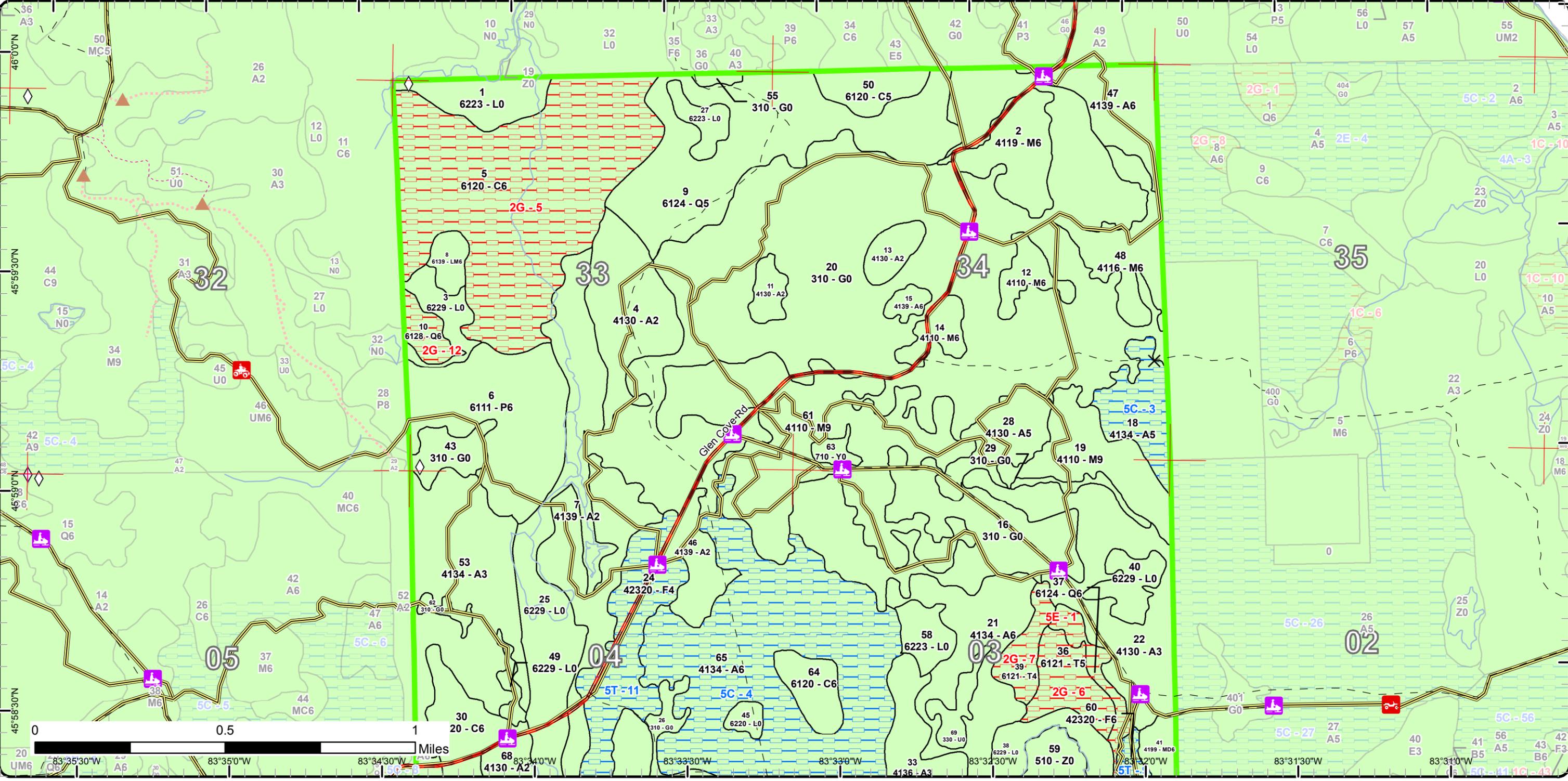


Special Conservation Areas & Site Conditions Map

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- Stand Boundaries
- Site Condition
- Available w/ Constraints
- Unavailable
- Available Factors W/ Constraints
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- 5T: Contingency Treatment for Forest Health Concerns
- Unavailable Factors
- 2G: Too wet (sensitive soils, does not include access issues)
- 5E: Long-Term Retention Special Conservation Areas
- Great Lakes Islands
- Other Habitat Area
- Other SCA (No Category Assigned)



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
Aspen	0	612	241	0	0	60	0	226	0	10	0	0	0	0	0	0	0	103	1252
Cedar	0	0	0	0	0	0	0	17	0	0	0	0	0	170	0	0	194	0	381
Herbaceous Openland	621	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	621
Low-Density Trees	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Lowland Aspen/Balsam Poplar	0	0	0	0	0	14	0	0	80	0	0	0	0	0	0	0	0	0	94
Lowland Conifers	0	0	0	0	0	0	0	121	0	19	0	0	0	66	0	0	10	0	216
Lowland Mixed Forest	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	9
Lowland Shrub	241	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	241
Marsh	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
Mixed Upland Deciduous	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	205	205
Northern Hardwood	0	0	0	0	0	0	9	34	0	0	0	144	0	0	0	0	0	265	452
Paper Birch	0	0	0	0	0	0	26	0	0	0	0	0	0	0	0	0	0	0	26
Sand, Soil	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Tamarack	0	0	0	0	0	0	0	0	0	0	0	0	0	37	0	0	0	0	37
Upland Spruce/Fir	0	0	0	0	0	62	0	0	0	0	0	0	0	0	0	0	0	0	62
Water	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50
Total	938	612	241	0	0	136	35	398	89	29	0	144	0	273	0	0	204	573	3672



Report 2 – Treatment Summary

Sault Ste. Marie Mgt. Unit
Year of Entry: 2017

Acres of Harvest

Compartment 18
Total Compartment Acres: 3,670

Commercial Harvest - 683
Harvests with Site Condition - 62
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	83	0	0	0	0	0	0	0	0	83
Herbaceous Openland	0	0	0	0	0	0	0	0	90	90
Low-Density Trees	0	0	0	0	0	0	0	0	10	10
Lowland Aspen/Balsam Poplar	80	0	0	0	0	0	0	0	0	80
Mixed Upland Deciduous	0	0	0	0	0	0	0	50	0	50
Northern Hardwood	0	0	0	0	0	0	0	344	0	344
Paper Birch	26	0	0	0	0	0	0	0	0	26
Upland Spruce/Fir	0	5	0	0	0	0	0	57	0	62
Total	189	5	0	0	0	0	0	452	99	746

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	746	0	0	0	462	0	0	0	0	1208
Next Step	0	0	144	0	0	144	389	0	462	1139
Total	746	0	144	0	462	144	389	0	462	2347



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
2	45018002-Cut	32.1	4119 - Mixed Northern Hardwoods	Poletimber Well	101	81-110	Harvest	Salvage	411 - Northern Hardwood	Uneven-Aged	Proposal

Habitat Cut: No

Site Condition:

Prescription Harvest beech with BBD, mark to leave trees that show resistance.

Specs:

Next Step

Treatments:

Acceptable Present species acceptable

Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 10/1 /2015

6	45018006-Cut	80.1	6111 - Lowland Balsam Poplar	Poletimber Well	72	111-140	Harvest	Clearcut with Retention	613 - Lowland Mixed Forest	Even-Aged	Proposal
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Habitat Cut: No

Site Condition:

Prescription Harvest all species except cedar, pine, and oak if any exist.

Specs:

Next Step

Treatments:

Acceptable present species

Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 10/1 /2016

16	45018016-Cut	89.7	310 - Herbaceous Openland	Nonstocked	0	Unspecified	Harvest	Other - Specify	310 - Herbaceous Openland		Proposal
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Habitat Cut: No

Site Condition:

Prescription Harvest all white spruce with adjacent sales to maintain the opening for sharp-tailed grouse and other species depending on openings.

Specs:

Next Step

Treatments:

Acceptable none

Regen:

Other Opening Maintenance Old next step comments:

Comment:

Proposed Start Date: 10/1 /2016

17	45018017-Cut	132.0	4111 - S.Maple, Hard Mast Association	Poletimber Well	101	81-110	Harvest	Salvage	411 - Northern Hardwood	Uneven-Aged	Proposal
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Habitat Cut: No

Site Condition:

Prescription Harvest beech with BBD, mark to leave trees that show resistance or wildlife values. Leave at least 3 beech per acre where present for cavity nesters and other wildlife.

Specs:

Next Step

Treatments:

Acceptable present species acceptable.

Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 10/1 /2015



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
20	45018020-Burn	462.3	310 - Herbaceous Openland	Nonstocked	0	Unspecified	Burn	Opening	310 - Herbaceous Openland		Proposal

Habitat Cut: Yes

Site Condition:

Prescription Burn to control woody vegetation encroachment in opening and maintain opening for sharp-tailed grouse and other wildlife.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 10/1 /2016

21	45018021-Cut	83.3	4134 - Aspen, Spruce/Fir	Poletimber Well	82	81-110	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	Proposal
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Habitat Cut: No

Site Condition:

Prescription Harvest all species except cedar, pine, and oak if any exist to encourage early successional growth for deer, ruffed grouse, and snowshoe hare

Specs: while maintaining diversity and mast-producing species. Leave a buffer along lake and the "island".

Next Step

Treatments:

Acceptable Present species

Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 10/1 /2016

24	45018024-Cut	56.9	42320 - Upland Spruce	Poletimber Poor	40	1-50	Harvest	Salvage	310 - Herbaceous Openland		Proposal
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Habitat Cut: No

Site Condition: Contingency Treatment

Prescription Harvest all white spruce

Specs:

Next Step

Treatments:

Acceptable Present species

Regen:

Other Opening maintenance- try to set back regen in this old opening to benefit sharp-tailed grouse and deer, and salvage for spruce budworm. Old next step comments:

Comment:

Proposed Start Date: 10/1 /2016

41	45018041-Cut	50.4	4199 - Other Mixed Upland Deciduous	Poletimber Well	101	81-110	Harvest	Salvage	411 - Northern Hardwood	Even-Aged	Proposal
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Habitat Cut: No

Site Condition:

Prescription Harvest all beech and ash with BBD and white spruce. allow aspen for operational trees , not maple.

Specs:

Next Step

Treatments:

Acceptable present species

Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 10/1 /2016



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
52 45018052-Cut	25.8	4140 - Other Upland Deciduous	Poletimber Well	57	51-80	Harvest	Clearcut with Retention	4199 - Other Mixed Upland Deciduous	Even-Aged	Proposal

Habitat Cut: No

Site Condition:

Prescription Harvest all species except hemlock, pine, oak, cedar, and a few large mature aspen, white birch and sugar maple (>16") to promote early successional habitat for ruffed grouse and deer while maintaining diversity and mast-producing species where present.

Next Step
Treatments:

Acceptable Present species acceptable.
Regen:

Other Old next step comments:
Comment:

Proposed Start Date: 10/1 /2016

56 45018056-Cut	36.3	4111 - S.Maple, Hard Mast Association	Sawtimber Medium	101	51-80	Harvest	Salvage	411 - Northern Hardwood	Even-Aged	Proposal
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Habitat Cut: No

Site Condition:

Prescription Harvest beech with beech bark disease, mark to leave trees that show resistance or wildlife values. Leave at least 3 beech per acre where present to provide nesting trees and habitat for other wildlife. Consider planting oak or disease resistant beech to provide a future source of hard mast for wildlife.

Next Step
Treatments:

Acceptable Present species acceptable
Regen:

Other Old next step comments:
Comment:

Proposed Start Date: 10/1 /2015

60 45018060-Cut	5.4	42320 - Upland Spruce	Poletimber Well	40	1-50	Harvest	Group Selection	429 - Mixed Upland Conifers	Even-Aged	Proposal
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Habitat Cut: No

Site Condition: Contingency Treatment

Prescription Harvest all white spruce only if budworm present.
Specs:

Next Step
Treatments:

Acceptable present species
Regen:

Other Aesthetic stand retain unless budworm present. Old next step comments:
Comment:

Proposed Start Date: 10/1 /2016

61 45018061-Cut	143.9	4110 - Sugar Maple Association	Sawtimber Well	101	81-110	Harvest	Salvage	411 - Northern Hardwood	Uneven-Aged	Approved Proposal
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Habitat Cut: No

Site Condition:

Prescription Harvest all beech with BBD , mark trees to leave that show resistance, or wildlife values.
Specs:

Next Step Monitoring, Natural Regen (Intermediate); Pesticide, Other - Specify; Planting, Initial Plant
Treatments:

Acceptable Present species acceptable
Regen:

Other This stand has already been approved to salvage beech on the Chapter 7 list. Old next step comments:
Comment:

Proposed Start Date: 9 /17/2014



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
69 45018069-Cut	9.6	330 - Low-Density Trees	Nonstocked		Unspecified	Harvest	Other - Specify	310 - Herbaceous Openland		Proposal

Habitat Cut: No

Site Condition:

Prescription Harvest all white a spruce with adjacent sale

Specs:

Next Step

Treatments:

Acceptable none

Regen:

Other Opening Maintenance Old next step comments:

Comment:

Proposed Start Date: 10/1 /2016

Total Treatment Acreage Proposed: 1207.8

Report 5 – Site Conditions

Sault Ste. Marie Mgt. Unit

Jeff Wise : Examiner

Compartment: 18

Year of Entry: 2017

Availability for Management

Total Acres	Acres Available	Acres Avail With Condition	Acres Not Available
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Dominant Site Conditions

5C 5T 2G 3H 5E

	Total Acres	Acres Available	Acres Avail With Condition	Acres Not Available	Dominant Site Condition	5C	5T	2G	3H	5E
1251	1015	236	0		Aspen	236				
381	187	0	194		Cedar			194		
621	621	0	0		Herbaceous Openland					
10	10	0	0		Low-Density Trees					
94	94	0	0		Lowland Aspen/Balsam Poplar					
217	121	0	95		Lowland Conifers			10	66	19
9	9	0	0		Lowland Mixed Forest					
241	241	0	0		Lowland Shrub					
11	11	0	0		Marsh					
205	205	0	0		Mixed Upland Deciduous					
452	452	0	0		Northern Hardwood					
26	26	0	0		Paper Birch					
5	5	0	0		Sand, Soil					
37	0	0	37		Tamarack			37		
62	0	62	0		Upland Spruce/Fir		62			
50	50	0	0		Water					
3,670	3,045	298	327		Total Forested Acres	236	62	242	66	19
	83%	8%	9%		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	5E: Long-Term Retention	12	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
2	Unavailable	3H: Deer Wintering Areas	67	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 5 – Site Conditions

Sault Ste. Marie Mgt. Unit

Jeff Wise : Examiner

Compartment: 18

Year of Entry: 2017

3	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	28	2I: Survey needed	Unspecified	Unspecified	Unspecified
Comments:							
4	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	198	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	195	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	23	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	14	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
8	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 5 – Site Conditions

Sault Ste. Marie Mgt. Unit

Jeff Wise : Examiner

Compartment: 18

Year of Entry: 2017

9	Available	5T: Contingency Treatment for Forest Health Concerns	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
10	Unavailable	5E: Long-Term Retention	7	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							
11	Available	5T: Contingency Treatment for Forest Health Concerns	57	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
12	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Mgt. Unit

Compartment: #Type!

Year of Entry:



Report 6 – 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 7 – 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.

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

Conservation Area	Type	Description
SCA	Great Lakes Islands	Great Lakes Islands provide significant habitat for numerous species, including many rare plants and animals, several of which are endemic or largely restricted to the Great Lakes region. Due to their isolation, islands provide good examples of many Great Lakes-associated natural communities and ecosystems, and thus have potential to provide insights for understanding the consequences of human disturbance on the increasingly fragmented ecosystems of the mainland.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
2	4119 - Mixed Northern Hardwoods	Poletimber Well	32.1	101	81-110	BBD in stand
4	4130 - Aspen	Sapling Medium	50.4	14	Immature	Regen good, patchy in some areas with uncut spruce and tam, ORV trail in stand.
5	6120 - Lowland Cedar	Poletimber Well	194.5	152	111-140	
6	6111 - Lowland Balsam Poplar	Poletimber Well	80.1	72	111-140	Looks ok to treat as far as wet ground, trace of white birch and sugar maple, ORV trail through bottom portion of stand.
7	4139 - Aspen, Mixed Deciduous	Sapling Medium	90.7	14	Immature	ORV trail through stand.
8	6139 - Mixed Lowland Forest	Poletimber Well	8.6	72	111-140	Inaccessible island in Stand 5
9	6124 - Lowland Spruce-Fir	Poletimber Medium	121.1	68	51-80	"A river runs through it" , at least the east part, also very aesthetic, camp spot very popular along the river, and ORV trail borders south edge. No treatment this YOE, wait ten years, not ready, west side has a road going to pvt. with gate on State land.
10	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	10.0	152	111-140	
11	4130 - Aspen	Sapling Medium	8.3	14	Immature	Regen from old sale, tam and spruce left on rocky knobs.
12	4110 - Sugar Maple Association	Poletimber Well	12.5	101	51-80	Low quality hardwoods, rocks and boulders throughout, more aesthetic value than timber, leave alone, ORV trail.
13	4130 - Aspen	Sapling Medium	10.8	10	Immature	Stand was partly brush hogged around 2012, and usually burned over when stand 20 in burned.
14	4110 - Sugar Maple Association	Poletimber Well	11.8	101	51-80	Typical knob, low quality hardwood stand.
15	4139 - Aspen, Mixed Deciduous	Poletimber Well	5.1	40	1-50	Is not as old as recorded, has been burnt through when Knobs are burned.
17	4111 - S.Maple, Hard Mast Association	Poletimber Well	132.0	101	81-110	ORV trail through stand, thick beech brush in some areas, cedar with aspen patches in the north part, trace of white pine and white birch.
18	4134 - Aspen, Spruce/Fir	Poletimber Medium	28.3	68	51-80	Stand is in good shape save for age class diversity.
19	4110 - Sugar Maple Association	Sawtimber Well	40.6	101	51-80	Old stand, ORV trail through stand, needs a road to harvest so no cut or salvage recommended.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
21	4134 - Aspen, Spruce/Fir	Poletimber Well	98.4	82	81-110	Birch declining, trace of cedar.
22	4130 - Aspen	Sapling Well	77.2	6	Immature	Sale 001-07, cut in 2009, ORV trail.
23	6120 - Lowland Cedar	Sawtimber Well	8.5	125	81-110	OPIC - FMD: Sale 001-07, cut in 2010
24	42320 - Upland Spruce	Poletimber Poor	56.9	40	1-50	Long, narrow stand along Sheep Ranch Road, conifers and aspens, with open herbaceous, may have some budworm damage, ORV trail in stand.
28	4130 - Aspen	Poletimber Medium	26.7	40	51-80	Coming along nice, edges have more of the saps, trace of white birch and white spruce, ORV trail through stand.
30	6120 - Lowland Cedar	Poletimber Well	48.2	125	111-140	Very wet with lots of tag alder.
31	4190 - Mixed Upland Deciduous with Cedar	Poletimber Well	6.8	101	81-110	Upland island in stand 32
32	6128 - Lowland Coniferous, Mixed Deciduous	Sawtimber Well	66.5	125	81-110	Mature stand, cedar is at rotation age and aspen is over mature, something need to be done here, DISCUSS AT PRE-REVIEW, no real understory except some maple and aspen scattered around.
33	4136 - Aspen, Mixed Conifer	Sapling Well	348.6	5	Immature	Sale 001-07, cut in 2010
34	6112 - Lowland Aspen	Poletimber Medium	13.6	40	1-50	Pocket of upland .lowland, was typed as L but maybe was brush then.
35	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Poor	6.5	82	51-80	This stand is actually a wet retention pocket from treating stand 33.
36	6121 - Tamarack	Poletimber Medium	22.8	125	51-80	Cedar is in the north west.
37	6124 - Lowland Spruce- Fir	Poletimber Well	12.4	82	81-110	Buffer/retention from treating stand 22.
39	6121 - Tamarack	Poletimber Poor	14.3	125	1-50	Looks the same as 36 but flooded.
41	4199 - Other Mixed Upland Deciduous	Poletimber Well	50.4	101	81-110	Some trees harvested last YOE along the road, stand has been re-typed and will be treated only where needed such as beech, aspen, and white spruce.
42	42370 - Upland Cedar, Aspen	Poletimber Well	36.5	125	51-80	

S t a n d	Sault Ste. Marie Mgt. Unit		Report 8 – Forested Stands			Compartment: 18	General Comments:
	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Year of Entry: 2017	
44	6120 - Lowland Cedar	Poletimber Well	4.3	125	51-80		
46	4139 - Aspen, Mixed Deciduous	Sapling Medium	20.3	15	Immature		Regen is good, lots of balm, ORV trail in stand.
47	4139 - Aspen, Mixed Deciduous	Poletimber Well	32.6	40	51-80		OI recorded 66 years old but its not.
48	4116 - Mixed N. Hardwood - Aspen	Poletimber Well	34.2	66	51-80		.ORV Trail in stand, low quality hardwood, rocks and boulders throughout, leave alone or maybe cut in twenty years, unmanageable at this point.
50	6120 - Lowland Cedar	Poletimber Medium	16.5	68	51-80		Cedar concentrated on west side, east side is more mixed.
51	4199 - Other Mixed Upland Deciduous	Poletimber Well	147.8	42	51-80		Nice stand, regen very good , good amount of maple as well.
52	4140 - Other Upland Deciduous	Poletimber Well	25.8	57	51-80		Spruce and fir are scattered, with a pocket on the SW corner.
53	4134 - Aspen, Spruce/Fir	Sapling Well	185.8	4	Immature		Sale 012-07, cut in 2011, cedar, pine, and oak reserved.
54	6120 - Lowland Cedar	Poletimber Well	56.2	125	81-110		
56	4111 - S.Maple, Hard Mast Association	Sawtimber Medium	36.3	101	51-80		Heavy deer browse on Sugar Maple regen, GC mostly Beech brush, a few deck piles left at landing from sale 005-98-01. Harvest beech.
60	42320 - Upland Spruce	Poletimber Well	5.4	40	1-50		Small stand of spruce, aesthetically important.
61	4110 - Sugar Maple Association	Sawtimber Well	143.9	101	81-110		This stand is on the beech salvage list for 2015 POW, ORV trail through stand.
64	6120 - Lowland Cedar	Poletimber Well	16.4	125	51-80		
65	4134 - Aspen, Spruce/Fir	Poletimber Well	197.9	60	51-80		Nice stand but not as old as OI records, estimate is around 60, hold ten years at least.
66	4134 - Aspen, Spruce/Fir	Sapling Medium	42.1	14	51-80		Patch of uncut timber on south boundary too small for a stand.
67	4139 - Aspen, Mixed Deciduous	Poletimber Well	9.9	82	51-80		Mix of mature hardwood/aspen, left out of sale.
68	4130 - Aspen	Sapling Medium	18.0	14	Immature		Sale 009-98-01, pocket of conifer poles too small for a stand.



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Sault Ste. Marie Mgt. Unit

Report 8 – Forested Stands

Compartment: 18
Year of Entry: 2017



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
70	4110 - Sugar Maple Association	Poletimber Well	8.6	50	1-50	Small hardwood stand with aspen regen, not worth salvaging ash.



Stand	Cover Type	Acres	Managed Site	General Comments:
1	6223 - Inundated Shrub Swamp	23.1	No	Lowland shrub/ marsh with a peninsula of conifer timber too small for mapping.
3	6229 - Mixed lowland shrub	13.9	No	OPIC - FMD: No new points, used 1995 data, borders Fourth Lake in Comp 17, frequently flooded.
16	310 - Herbaceous Openland	89.7	No	This very large opening with scattered timber is known as the "Big Burn" and is burned about every ten years, ORV trail.
20	310 - Herbaceous Openland	462.3	Yes	This very large opening with scattered timber is known as the "Big Burn" and is burned about every ten years, ORV trail.
25	6229 - Mixed lowland shrub	97.0	No	Usually ponds along Sheep Ranch Road, good water source for fire control.
26	310 - Herbaceous Openland	43.8	No	Sale 001-07, east part cut in 2010 with surrounding stand for opening maintenance, stills has scattered conifers and hardwoods on the west side, also small gravel pit available for timber sales.
27	6223 - Inundated Shrub Swamp	9.8	No	
29	310 - Herbaceous Openland	5.0	No	Long, narrow stand between 22 and 19
38	6229 - Mixed lowland shrub	59.4	No	Stand varies with lake level
40	6229 - Mixed lowland shrub	14.8	No	Low spot in cut with tag alder, willow, and dogwood.
43	310 - Herbaceous Openland	14.4	No	Filing in with conifers and hardwoods, needs opening maintenance, possibly with a timber sale, or just let it go.
45	6220 - Alder/willow	4.7	No	Small swamp hole in stand 65
49	6229 - Mixed lowland shrub	5.1	No	Usually ponds along Sheep Ranch Road, good water source for fire control.
55	310 - Herbaceous Openland	2.5	No	Scattered mature conifers, aspen regen on east side, Illegal gate in Stand 9 blocked me from getting further.
57	6239 - Mixed Emergent Wetland	11.0	No	North shore of Dickenson Lake
58	6223 - Inundated Shrub Swamp	12.8	No	Flooded timber
59	510- Water (OI)	50.0	No	Clear Lake



Stand	Cover Type	Acres	Managed Site	General Comments:
62	310 - Herbaceous Openland	3.7	No	
63	710 - Sand, Soil	4.5	No	Old sand and gravel pit with surrounding grasses and groves of maple, local camping spot.
69	330 - Low-Density Trees	9.6	No	Filling in with trees, treat with timber sale.