



Compartment Review Presentation

Sault Ste. Marie Forest Management Unit

Compartment 45161

Entry Year 2021

Acreage: 1,941

County Mackinac

Management Area: Lake Michigan Shoreline

Revision Date: 2019-08-02

Stand Examiner: Matt Edison

Legal Description:

T43N R8W Sections 27, 28, 33 and 34; Hudson Township

Identified Planning Goals:

The area is within the Black River Deeryard with travel corridors along East Branch of Black River, Sucker Creek and Hog Island Creek. The creeks and river will have no harvest buffer zone along the length of the watercourses. It is within the Lake Michigan Shoreline Management Area. The compartment has been managed for aspen and birch with stands in the 0 - 9 year class to the 60 year old class. There is a limited amount of stands in the 40 to 60 year old class distribution. The cedar and mixed swamp conifer have been managed by harvesting with some good regeneration obtained and maintaining the deeryard. The Great Lakes Gas Company does have a pipeline right-of-way in sections 27 and 28 with 2 main gas transmission lines. The US-2 highway right-of-way crosses through sections 28, 33, and 34.

Soil and topography:

The soils and terrain is variable with many soil complexes. The organic soils include Markey and Carbondale Muck, Ruse Muck, Spot Muck, Dawson and Loxley peats, and Histosols and Aquents. The transition zones and watercourse areas are Leafriver-Croswell-Wainola Complex, Eastport-Leafriver Complex, Markey-Spot-Finch Complex, Caffey-Ingalls-Iosco Complex, Wallace-Spot Complex and along Esau-Zela Complex. The more upland areas with low areas are Pullup sand, Wallace sand, Wallace-Alcona Complex, Croswell-Wainola sand, Iosco sand, and Eastport sand. Along shoreline is Shelter very cobbly loam, and Esau extremely gravelly sandy loam.

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

The compartment is surrounded almost completely by state land except for section 28 where the private 89 acres within the compartment breaks up the state ownership. The private land along Borgstrom Road and US 2 does have a few cabins and zoological park with permanent residence on that land.

Unique Natural Features:

MNFI has identified some potential for rare, threatened or endangered species of plants and animals within this compartment and adjacent to it. Three watercourses with their tributaries flow through the compartment including the East Branch of Black River, Sucker Creek and Hog Island Creek. The Lake Michigan shoreline extends for over 2 miles under state ownership.

Archeological, Historical, and Cultural Features:

No evidence was found when inventorying the compartment.

Special Management Designations or Considerations:

Five hemlock type stands have been identified to be nominated to be Special Conservation Areas (SCA) as potential old growth stands. The stands are hemlock ridges within the compartment which have little sign of past harvesting activity. The watercourses will be buffered with no harvest zones when harvesting is prescribed adjacent to them. Care will have to be taken when crossing the Great Lakes Gas pipeline. The compartment lies within the Black River Deeryard SCA. The stands to treat not under current contract will require winter harvesting.

Watershed and Fisheries Considerations:

The western region of this compartment contains the East Branch of the Black River while the central and eastern region of this compartment contain Sucker Creek and Hog Island Creek. These waterbodies all serve as tributaries to Lake Michigan.

The East Branch of the Black River is designated a Type 1 trout stream less than 50' width. A 300' buffer is recommended for the East Branch of the Black River in riparian areas susceptible to Aspen regeneration (specifically stands 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14, and 18). For areas not susceptible to Aspen regeneration, 100' plus 5' per 1% increase in slope; buffers are recommended to protect these areas in accordance with Best Management Practices.

Sucker Creek is a non-designated stream less than 50' width. 100' plus 5' per 1% increase in slope; buffers are recommended to protect Sucker Creek riparian areas in accordance with Best Management Practices (specifically stand

27, 32, 33, 35, 36, 37, 38, 41, 44, 46, 47, 48, 49, 53, 55, and 62).

Hog Island Creek is designated a Type 1 trout stream less than 50' width. A 300' buffer is recommended for Hog Island Creek in riparian areas susceptible to Aspen regeneration (specifically stands 56, 59, 61, 64, 65, 68, 79, 95, 101, 104, and 105). For areas not susceptible to Aspen regeneration, 100' plus 5' per 1% increase in slope; buffers are recommended to protect these areas in accordance with Best Management Practices (specifically stands 62, 67, 69, 71, 72, 74, 75, 77, 87, 88, 89, 90, 94, and 99).

The southern region of this compartment borders Lake Michigan.

Wildlife Habitat Considerations:

This compartment is part of the Lake Michigan Shoreline MA where featured wildlife species include piping plover and white-tailed deer. The compartment extends from the shoreline inland one to two miles. Hog Island Creek, Sucker Creek, and the East Branch of Black Creek flow through it. It contains a mix of cover, but lowland conifers, and aspen and other early successional mixes are common. Aspen and other early successional associate stands are relatively young resulting from previous management. The entire compartment is part of a deer wintering complex. These habitats and their association with each other offer habitat for deer, ruffed grouse, snowshoe hare, bobcat, and a variety of migratory birds and other wildlife species.

Wildlife management objectives include maintaining the diversity and habitat characteristics currently present. Young early successional deciduous and mixed stands will be allowed to mature to support grouse. Lowland conifer stands will remain untreated to offer wintering cover for deer as well as cover for other species like bobcat and resting areas for migratory birds. Lakeshore areas will be protected to maintain shoreline habitat for waterfowl and shore birds. Inland riparian areas and other wetlands will also be left intact to maintain travel corridors for species like bear and habitat characteristics for wetland wildlife.

Mineral Resource and Development Concerns and/or Restrictions

Active non-metallic mineral production, both sand & gravel and limestone, exists several miles to the north. Sand & gravel may be limited within the compartment. There appears to be good limestone/dolostone potential in this area, and bedrock is less than 50 feet from the surface in most places. However, numerous wetlands in the compartment could inhibit any potential mineral development. There is no known metallic mineral potential in this area, and there is no current economic oil and gas production in the UP.

Vehicle Access:

The vehicle access is limited partly by the creeks, river and wetlands in the compartment. The Borgstrom Road, Hog Island Road, US-2 and the Orchard Hill Road are the primary routes through the compartment. The west part of the Old Stage Road runs north from Orchard Hill Road to the north boundary of the compartment. This road is impassable most times of the year. The road runs into the Strickler Grouse Management Area. It is mostly used by deer, bear and small and big game hunters. The other road is the unnamed road from Orchard Hill Road to Sucker Creek where the culvert has been taken out and then comes north from US-2 to Sucker Creek. This road has mostly ORV use and should be blocked on both sides of the creek to avoid ORV crossing the creek. Portable bridges were used to access some stands last year of entry.

Survey Needs:

None

Recreational Facilities and Opportunities:

Hog Island Campground is set along Lake Michigan, which is heavily used during the summer. The compartment is used throughout the year with hunting, fishing, smelt dipping, snowmobiling, trapping, mushroom hunting, and berry picking being the majority of the use. An access road from US-2 to south allows for Native American fisherman to launch small boats into Lake Michigan for subsistence fishing.

Fire Protection:

The compartment is composed mostly of lower ground with many streams. There is little evidence of fire historically in this area. This compartment is a low prone fire area. Access to the compartment is limited which would hamper fire fighting efforts.

Additional Compartment Information:

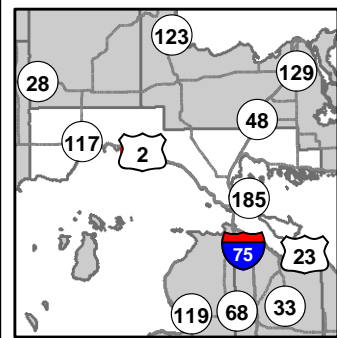
The following reports from the Inventory are attached:

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

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

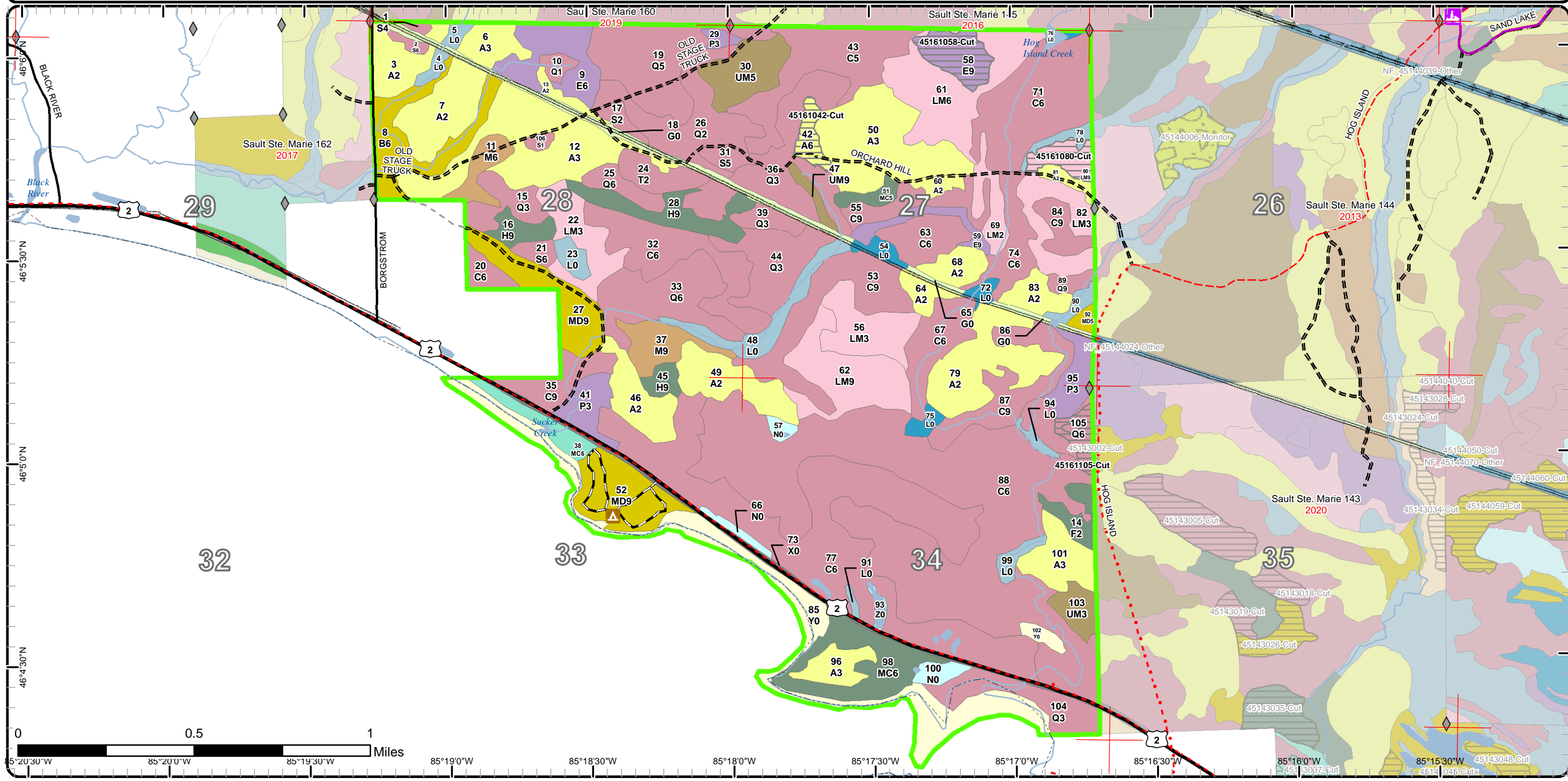
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

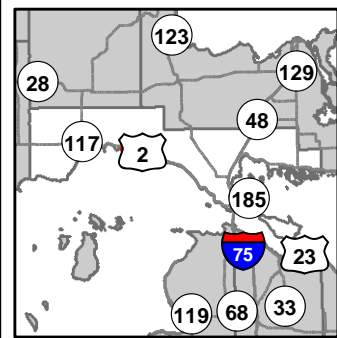


Compartment: 161
 T42N, R08W, Sec: 3
 T43N, R08W, Sec: 27, 28, 33, 34
 County: Mackinac
 Unit: Sault Ste. Marie
 Mgmt Area: Lake Michigan
 Shoreline
 YOE: 2021
 Acres: 1,941 GIS Calculated
 Examiner: Matt Edison
 Map Revised: 8/12/2019
 Map Phase: Pre-Review

- | | | |
|---|--------------------------------|------------------------------------|
| — Miris Corners | ▲ Campground | ■ 430 - Upland Mixed Forest |
| ◆ Field Grade Corners | — Intermittent Stream | ■ 611 - Lowland Deciduous Forest |
| — Counties | — Lake/Pond | ■ 612 - Lowland Coniferous Forest |
| — DNR - Primary Forest Road | — Perennial River | ■ 613 - Lowland Mixed Forest |
| — DNR - Forest Access Route | — Shoreline | ■ 122 - Roads/Parking Lot |
| — Federal / State Highway | — Lakes and Rivers All | ■ 310 - Herbaceous Openland |
| — Federal / State / County - Paved Road | — Pipeline | ■ 500 - Water |
| — County - Gravel Road | — Powerline | ■ 622 - Lowland Shrub |
| — County - Dirt Road (Seasonal) | — Compartment Boundary | ■ 623 - Emergent Wetland |
| — Private - Dirt / Gravel Road | — Clearcut (w/Reserves) | ■ 629 - Mixed non-forested wetland |
| — Snowmobile Trails | — 411 - Northern Hardwood | ■ 710 - Sand/Soil |
| — Designated Bicycle Trails | — 413 - Aspen | ■ Lakes |
| — Designated ORV Route | — 419 - Mixed Upland Deciduous | |
| — Designated Snowmobile Trails | — 423 - Other Upland Conifers | |
| | — 429 - Mixed Upland Conifers | |

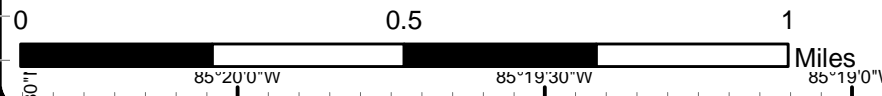
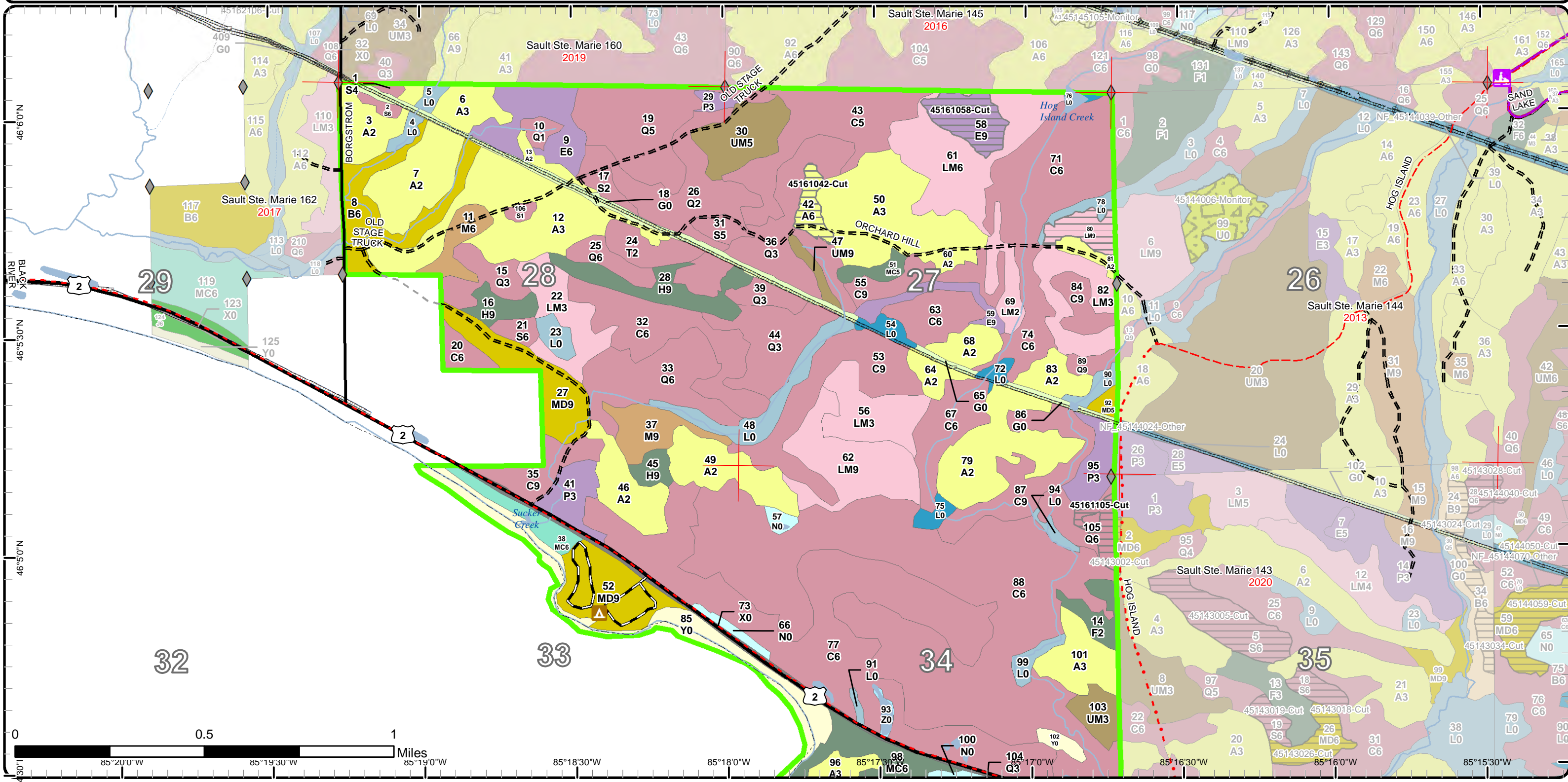


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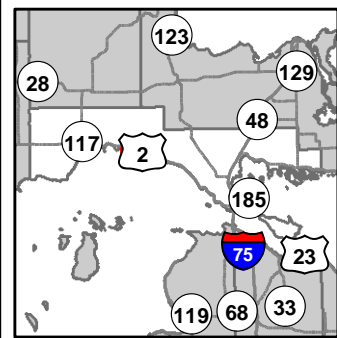
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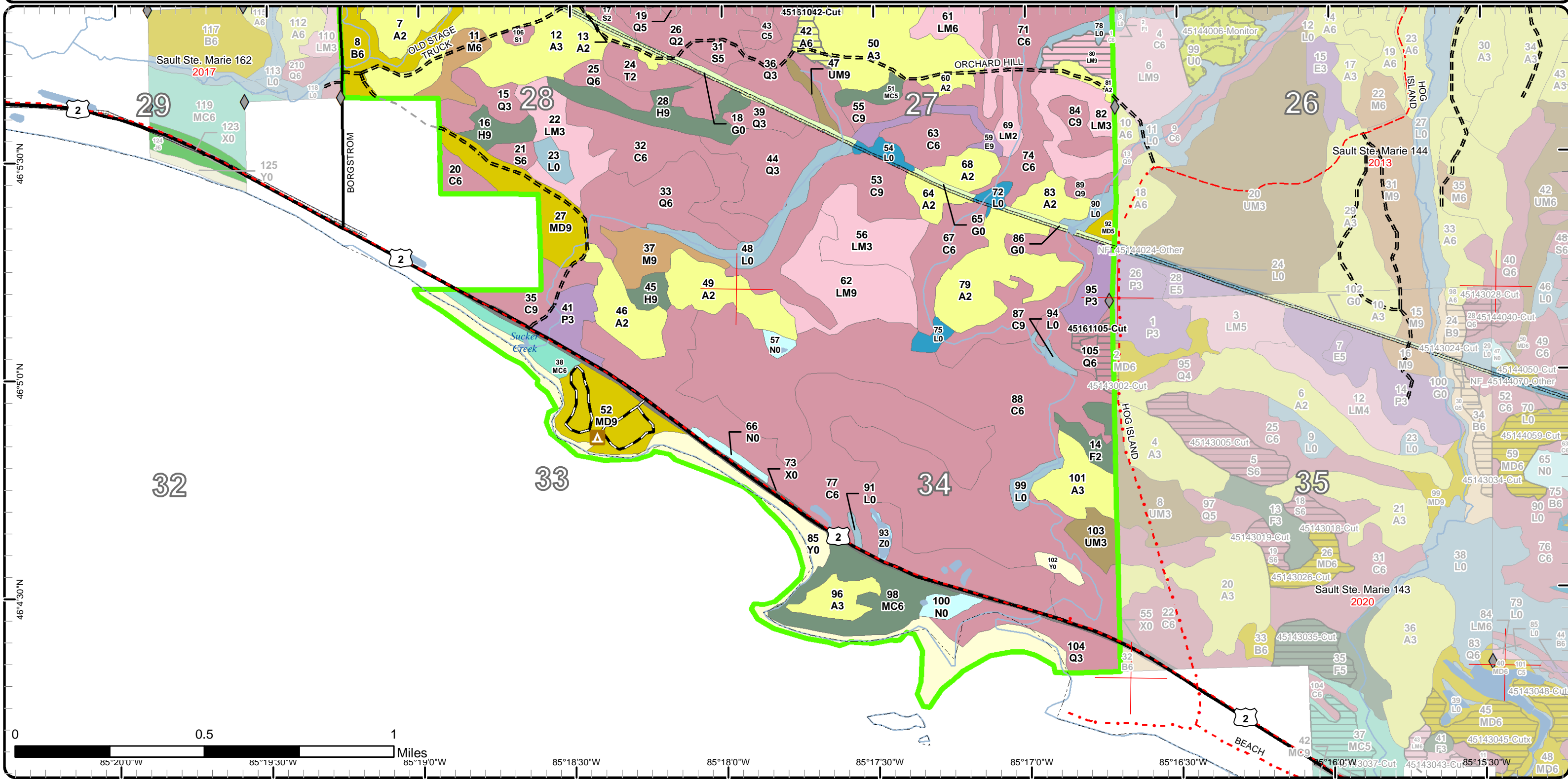
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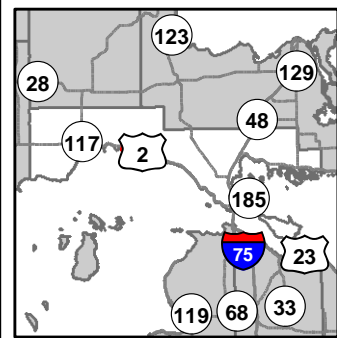


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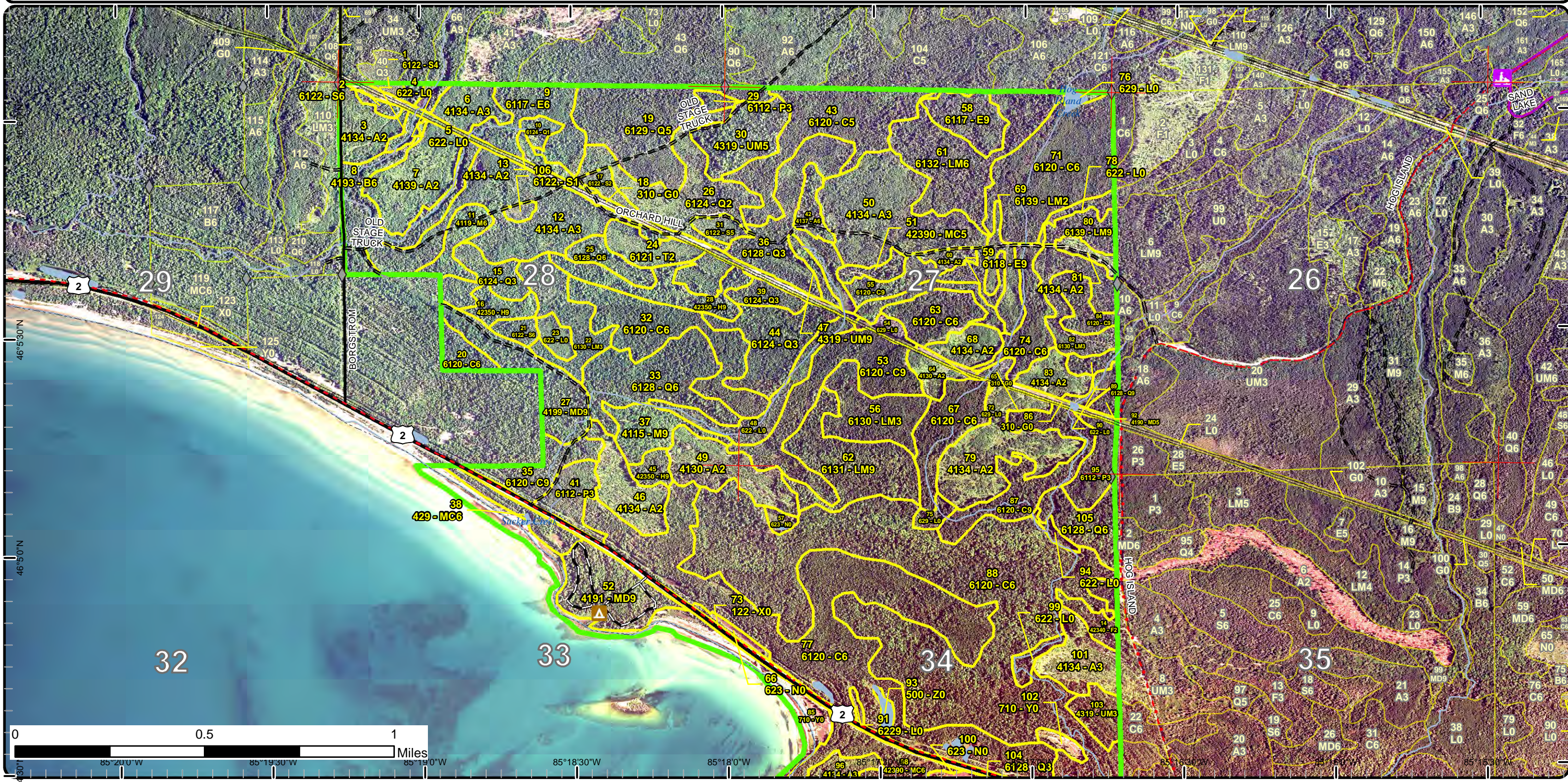


Stand Boundary Map

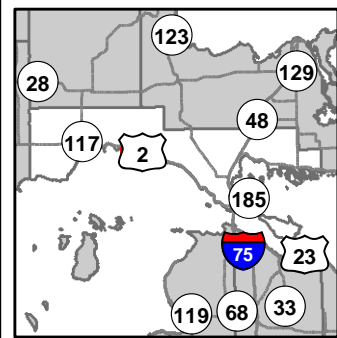


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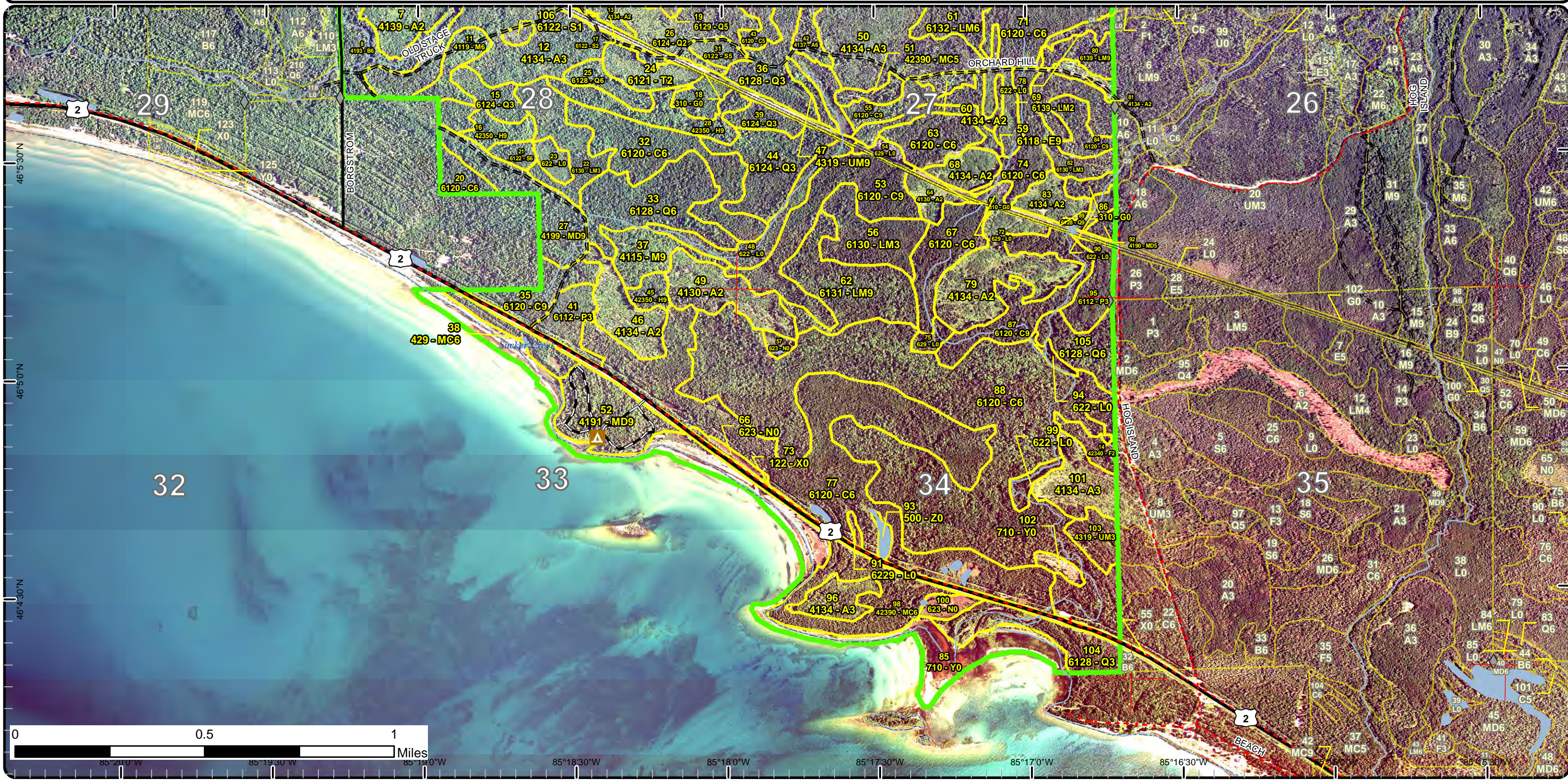


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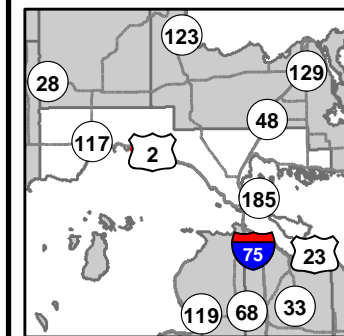
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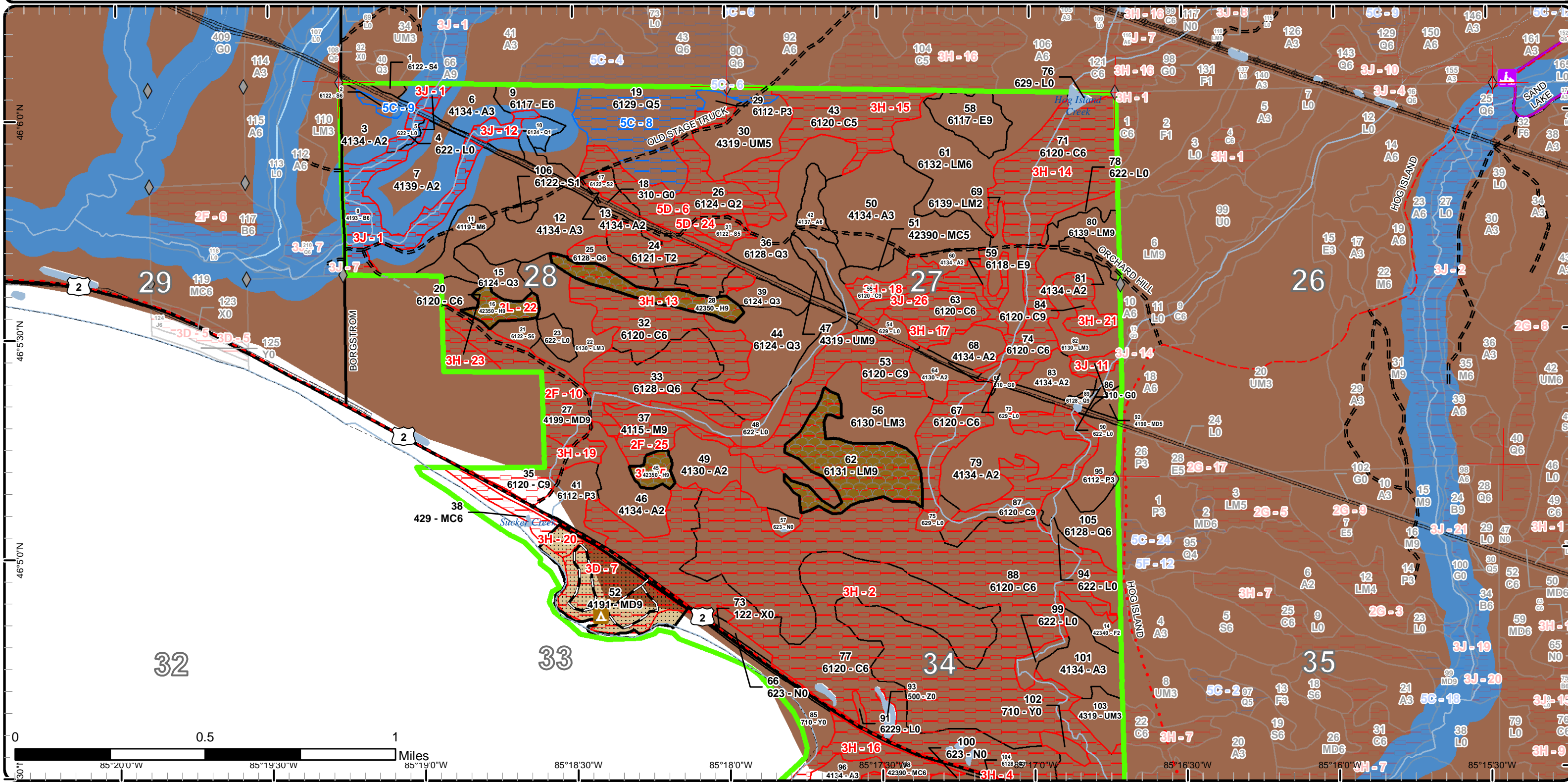


Special Conservation Areas & Site Conditions Map

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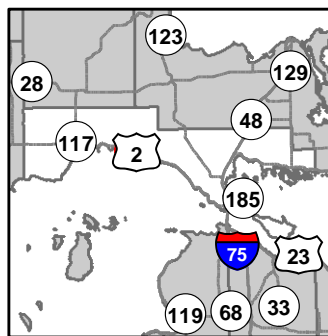


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- Available w/ Constraints
- Unavailable
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- 2F: Too steep
- 3D: Recreational / Scenic values
- 3J: Water quality / BMPs (stream, river, or lake)
- 3L: Other wildlife concerns
- 5D: Unproductive Forest Land
- Stand Boundaries
- SCA
- SCA Removal
- Cold Water Streams
- Cold Water Lakes
- High Priority Trout Stream Buffer
- Deer Winter Range
- State Forest Campground
- Possible Type 2 Old Growth

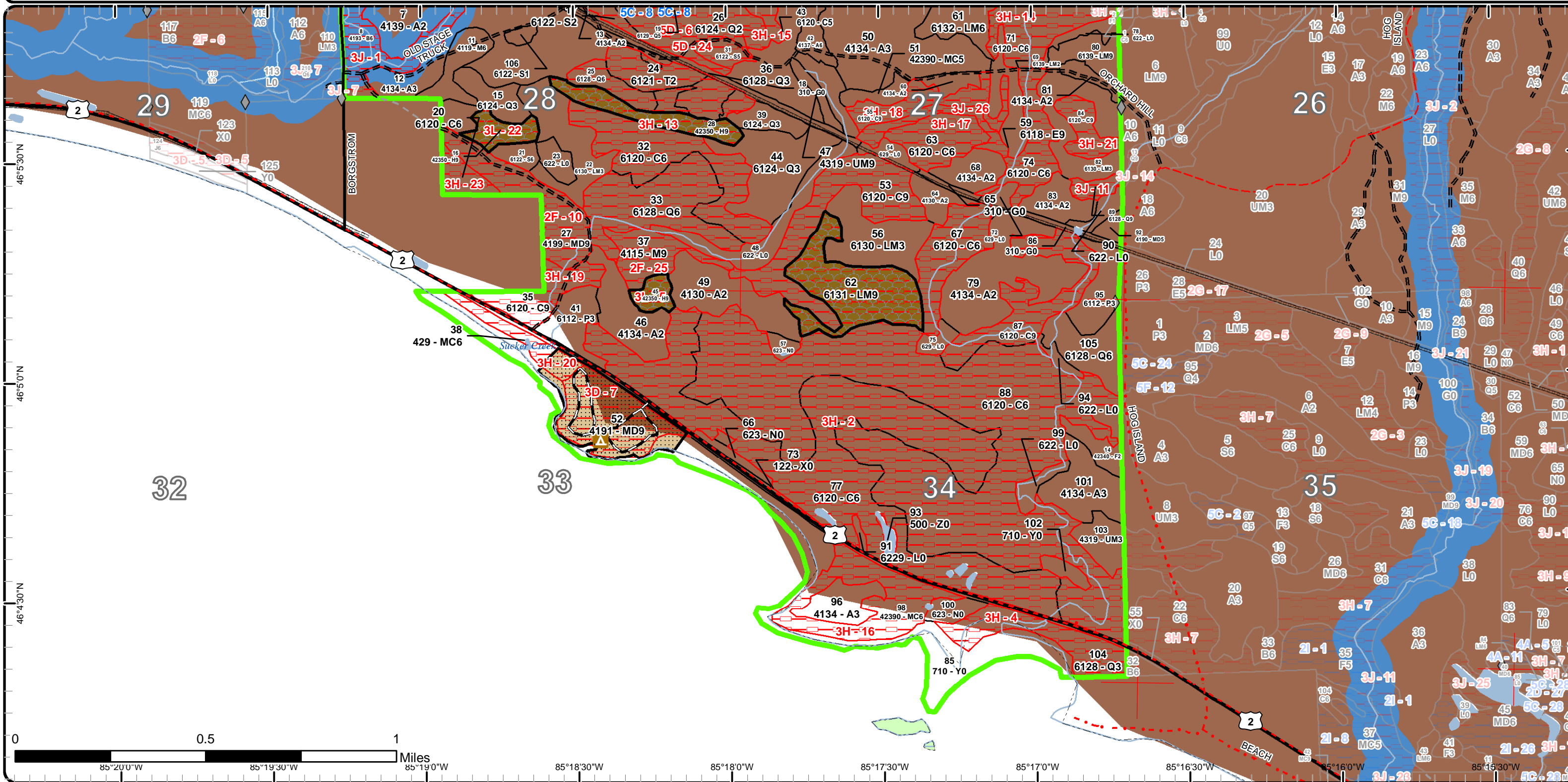


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 - Great Lakes Islands
 - State Forest Campground
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 5D: Unproductive Forest Land



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	42	148	118	0	0	7	0	0	0	0	0	0	0	0	0	0	0	315
Cedar	0	0	0	0	0	0	0	0	0	0	0	62	0	527	54	25	15	0	682
Hemlock	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	27	0	32
Herbaceous Openland	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22
Lowland Aspen/Balsam Poplar	0	0	0	12	15	0	0	0	0	0	0	0	0	0	0	0	0	0	27
Lowland Conifers	0	0	0	40	84	0	0	22	16	0	44	0	0	37	0	4	0	15	262
Lowland Deciduous	0	0	0	0	24	9	0	0	15	0	0	0	0	0	0	0	0	0	47
Lowland Mixed Forest	0	0	0	0	45	76	0	0	0	0	0	9	0	0	36	0	0	0	166
Lowland Shrub	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	54
Lowland Spruce/Fir	0	0	0	0	0	0	5	0	9	4	0	0	0	0	0	0	0	0	18
Marsh	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Mixed Upland Deciduous	0	0	0	0	0	29	0	0	26	3	0	0	0	0	0	0	0	0	58
Northern Hardwood	0	0	0	0	0	0	0	0	0	0	25	0	0	0	0	0	0	0	25
Paper Birch	0	0	0	0	0	0	0	0	0	0	28	0	0	0	0	0	0	0	28
Sand, Soil	73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	73
Tamarack	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	12
Upland Conifers	0	0	0	0	0	0	0	0	5	0	0	0	31	0	10	0	0	0	46
Upland Mixed Forest	0	0	0	0	9	0	0	0	0	0	0	4	0	0	0	0	0	21	34
Upland Spruce/Fir	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Urban	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18
Water	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Total	181	42	148	179	177	114	24	22	71	7	97	75	31	564	105	29	42	36	1940



Report 2 – Treatment Summary

Sault Ste. Marie Mgt. Unit
Year of Entry: 2021

Acres of Harvest

Compartment 161
Total Compartment Acres: 1,941

Commercial Harvest - 39
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	Overstory Removal	Salvage	Other	Total Acres
Aspen	7	0	0	0	0	0	0	0	0	7
Lowland Conifers	7	0	0	0	0	0	0	0	0	7
Lowland Deciduous	15	0	0	0	0	0	0	0	0	15
Lowland Mixed Forest	9	0	0	0	0	0	0	0	0	9
Total	39	0	0	0	0	0	0	0	0	39

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	39	0	0	0	0	0	0	0	0	39
Next Step	0	0	0	0	0	7	0	0	0	7
Total	39	0	0	0	0	7	0	0	0	46



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
42	45161042-Cut	7.0	4137 - Aspen, Birch	Poetimber Well	55	141-170	Harvest	Clearcut with Retention	4137 - Aspen, Birch	Even-Aged	Field Boundary

Habitat Cut: No**Site Condition:**

Prescription Retain some aspen and birch along the edge and the white pine for retention. Winter cut restrict this stand.WLD: Cut later in the cycle if possible to retain mature aspen on the landscape in the rotation. Winter cut.

Next Step
Treatments:

Acceptable
Regen:

Other The stand has some heavy regeneration in areas which should be protected where possible. The stand is on a 5 year entry with stand 58 and
Comment: 80. Old next step comments: Follow-up treatment with regeneration survey as per work instructions. Acceptable regeneration is aspen, maple, cherry, beech, yellow and paper birch, balsam fir, white spruce and white pine.

Proposed Start Date: 10/1 /2015

58	45161058-Cut	15.1	6117 - Lowland Deciduous, Mixed Coniferous	Sawtimber Well	79	111-140	Harvest	Clearcut with Retention	6117 - Lowland Deciduous, Mixed Coniferous	Even-Aged	Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Retain some birch and aspen along the stand edge and follow the retention guidelines. Winter cut restrict this stand.WLD: Cut this stand
Specs: later in the cycle if possible to retain mature aspen and birch in rotation on the landscape. Winter cut with stand 42.

Next Step
Treatments:

Acceptable
Regen:

Other Stand to the south is wet will make more difficult to access. Stand is on a 5 year entry with stand 42 and 80. Old next step comments: Follow-up
Comment: treatment with regeneration survey as per the work instructions. Acceptable regeneration is aspen, maple, cherry, cedar, yellow and paper birch, balsam fir, white spruce, black spruce and white pine.

Proposed Start Date: 10/1 /2015

80	45161080-Cut	9.4	6139 - Mixed Lowland Forest	Sawtimber Well	105	141-170	Harvest	Clearcut with Retention	6139 - Mixed Lowland Forest	Even-Aged	Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription The northern boundary of will allow for a 100' buffer along the drainage in stand 79. This will allow for retention of all species within that area. All
Specs: cedar will be left within the stand for retention. All conifer < 4 inches at dbh will be left. Adjust the boundary to the north to stay out of a few areas along the northern line of the stand,WLD: Leave a 1 chain or tree length, whichever is greater, no-cut buffer along or around any wetlands either within the stand or adjacent to it. Lea

Next Step
Treatments:

Acceptable
Regen:

Other The stand is low and will have a winter cutting specification. Stand is on a 5 year entry with stand 42 and 58. Old next step comments: Follow-up
Comment: treatment with regeneration survey as per the work instructions. Acceptable regeneration is aspen, maple, cherry, cedar, yellow and paper birch, balsam fir, white spruce, black spruce and white pine.

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
105	45161105-Cut	7.1	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	70	111- 140	Harvest	Clearcut with Retention	612 - Lowland Coniferous Forest	Even-Aged	Proposal

Habitat Cut: No

Site Condition:

Prescription Clearcut with 3-10% retentionleft in patches. Do not cut cedar except for operability. Winter cut. Actual sale acreage and area will reflect what
Specs: is found during sale prep. and may vary from prescribed acres.

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

Acceptable Any mix of spruce, balsam fir, hemlock, cedar, white pine, maple, birch, aspen, or cherry.
Regen:

Other
Comment:

Proposed Start Date: 10/2 /2019

**Total Treatment
Acreage Proposed: 38.6**

Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Matt Edison : Examiner

Compartment: 161

Year of Entry: 2021

Availability for Management

Total Acres	Acres Available	Acres Available With Condition	Acres Not Available
315	314	0	1

Dominant Site Conditions

	Total Acres	Acres Available	Acres Available With Condition	Acres Not Available	Dominant Site Conditions								
					5C	2F	3D	3H	3J	3L	5D		
315	314	0	0	1	Aspen				1				
682	1	0	0	681	Cedar				681		0		
32	0	0	0	32	Hemlock				19		13		
22	22	0	0	0	Herbaceous Openland								
27	27	0	0	0	Lowland Aspen/Balsam Poplar								
261	104	44	44	114	Lowland Conifers	44			75	4			36
48	35	0	0	13	Lowland Deciduous	0				13			
166	130	0	0	36	Lowland Mixed Forest				36	0			
55	49	0	0	5	Lowland Shrub					5			
19	8	2	2	9	Lowland Spruce/Fir	2							9
10	10	0	0	0	Marsh								
57	3	0	0	54	Mixed Upland Deciduous		26	29					
25	10	0	0	15	Northern Hardwood		15						
28	0	0	0	28	Paper Birch					28			
73	73	0	0	0	Sand, Soil								
12	0	0	0	12	Tamarack				12				
46	5	0	0	41	Upland Conifers				41				
34	34	0	0	0	Upland Mixed Forest								
9	9	0	0	0	Upland Spruce/Fir								
18	18	0	0	0	Urban								
2	2	0	0	0	Water								
1,941	854	46	46	1,041	Total Forested Acres	46	40	29	864	50	13		45
	44%	2%	2%	54%	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	3J: Water quality / BMPs (stream, river, or lake)	33	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Matt Edison : Examiner

Compartment: 161

Year of Entry: 2021

2	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	502	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Heavy winter deer activity within the stand.							
3	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	21	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments:							
4	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	22	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	3L: Other wildlife concerns	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Heavy winter deer activity within the stand.							
6	Unavailable	5D: Unproductive Forest Land	40	2G: Too wet (sensitive soils, does not include access issues)	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	Unspecified	Unspecified
Comments:							
7	Unavailable	3D: Recreational / Scenic values	29	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Matt Edison : Examiner

Compartment: 161

Year of Entry: 2021

8	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	44	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
9	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
10	Unavailable	2F: Too steep	26	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
11	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
12	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
13	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	122	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
Heavy winter deer activity within the stand.							

Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Compartment: 161

Matt Edison : Examiner

Year of Entry: 2021

14	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	71	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Heavy winter deer activity within the stand.							
15	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	43	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Heavy winter deer activity within the stand.							
16	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	31	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Heavy winter deer activity within the stand.							
17	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	16	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Heavy winter deer activity within the stand.							
18	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	15	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Heavy winter deer activity within the stand.							

Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Compartment: 161

Matt Edison : Examiner

Year of Entry: 2021

19	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	15	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Heavy winter deer activity within the stand.							
20	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Heavy winter deer activity within the stand.							
21	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Heavy winter deer activity within the stand.							
22	Unavailable	3L: Other wildlife concerns	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Heavy winter deer activity within the stand.							
23	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Heavy winter deer activity within the stand.							
24	Unavailable	5D: Unproductive Forest Land	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit
Matt Edison : Examiner

Compartment: 161
Year of Entry: 2021

25	Unavailable	2F: Too steep	15	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
26	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							



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

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
	Type 1 or Type 2 Old Growth	Possible Type 2 Old Growth Area	SCA Removal	5
Comments Does not meet old growth criteria.				
	Type 1 or Type 2 Old Growth	Possible Type 2 Old Growth Area	SCA Removal	8
Comments Does not meet oldgrowth criteria				
	Type 1 or Type 2 Old Growth	Possible Type 2 Old Growth Area	SCA Removal	14
Comments Does not meet old growth criteria.				
	Type 1 or Type 2 Old Growth	Possible Type 2 Old Growth Area	SCA Removal	36
Comments Does not meet old growth criteria.				
Hog Island Point Campground	Concentrated Recreation Area	State Forest Campground	SCA	36
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.

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

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	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.
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.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
1	6122 - Black Spruce	Poletimber Poor	1.4	57	1-50	N/A	Stand of very small diameter black spruce mix. Treed bog.		
Canopy Species		% Cover	Size Class	DBH	Age	Canopy Species	Density	Avg. Height	Size
Black Spruce		95	Pole/Sapling	5	57	Black Spruce	High	5 - 10 feet	Sapling
2	6122 - Black Spruce	Poletimber Well	2.2	87	141-170	N/A	Wet Black spruce stand, some blowdown, leave for diversity. Very wet most of the year with some diverse species mix. Good wildlife stand next to young aspen stands.		
Canopy Species		% Cover	Size Class	DBH	Age	Canopy Species	Density	Avg. Height	Size
Paper Birch		10	Pole	8		Bigtooth Aspen	Low	Variable	Sapling
Bigtooth Aspen		12	Pole	8		Balsam Fir	Low	Variable	Sapling
Black Spruce		60	Pole	8	87	Black Spruce	Medium	Variable	Sapling
White Pine		10	Log/Pole	13					
3	4134 - Aspen, Spruce/Fir	Sapling Medium	16.6	12	Immature	N/A	Cut in January 2007 on Bridge Over Mix sale 45-107-02-1-01. Few open areas and some browse. The deer use is heavy this winter.		
Canopy Species		% Cover	Size Class	DBH	Age				
Red Maple		15	Sapling	1					
Quaking Aspen		25	Sapling	1	12				
Bigtooth Aspen		40	Sapling	1	12				
Balsam Fir		13	Sapling	3					
White Spruce		7	Sapling	2					
4	622 - Lowland Shrub	Nonstocked	2.9			No			
5	622 - Lowland Shrub	Nonstocked	2.5			No			
6	4134 - Aspen, Spruce/Fir	Sapling Well	11.2	12	Immature	N/A	Cut in March 2007 on Bridge Over Mix sale 45-107-02-1-01. Few open areas but mostly has real good regeneration. Some batches of balsam and spruce left with a few maple and aspen mixed in the patches. There is some deer browse with the heavy deer use this winter.		
Canopy Species		% Cover	Size Class	DBH	Age				
Red Maple		10	Sapling	1					
Quaking Aspen		20	Sapling	1					
Bigtooth Aspen		50	Sapling	1	12				
Balsam Fir		15	Sapling	3					
7	4139 - Aspen, Mixed Deciduous	Sapling Medium	26.3	12	Immature	N/A	Cut in March 2007 on Bridge Over Mix sale 45-107-02-1-01. There are patches of smaller diameter balsam, spruce and a few maple and aspen left. There is some heavy browse in areas with the heavy deer use is areas this winter. There are a few open areas with less regeneration. The regeneration is between 3 and 7' tall.		
Canopy Species		% Cover	Size Class	DBH	Age				
Red Maple		30	Sapling	1					
Quaking Aspen		17	Sapling	1	12				
Bigtooth Aspen		40	Sapling	1	12				
White Spruce		10	Sapling	3					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																			
8	4193 - Birch, Aspen	Poletimber Well	27.8	96	141-170	N/A	Bmp concerns as the Black River runs thru the stand. Mortality to birch & aspen. Limit factor stand for BMP.																																																			
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9	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Well	24.4	39	81-110	N/A	Mackinac Mix stand with some overstory left when cutting was done last time. Smaller diameter trees. Pretty wet ground throughout with tag alder.																																																			
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10	6124 - Lowland Spruce-Fir	Sapling Poor	3.7	24	1-50	N/A	Scattered trees, filled in beaver meadow.																																																			
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Tag Alder	Medium	5 - 10 feet	Tall Shrub																																																							
11	4119 - Mixed Northern Hardwoods	Poletimber Well	10.1	97	81-110	N/A	Poor quality red maple stand with some paper birch. Heavy Balsam fir understory of about 20 feet tall. Mortality to the red maple occurring. Rolling ground with some wet low areas. Recheck in ten years. Drops off into a few wetter areas within the stand.																																																			
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12	4134 - Aspen, Spruce/Fir	Sapling Well	56.4	21	Immature	N/A	Stand cut in 1998. Very good regeneration of aspen and maple. Heavy browse of some of the understory. Good conifer component within the stand. Some wet areas within the stand.																																																			
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																														
13	4134 - Aspen, Spruce/Fir	Sapling Medium	4.0	12	Immature	N/A	Cut in March 2007 on Bridge Over Mix sale 45-107-02-1-01. some browse this winter heavy deer use.																														
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14	42340 - Upland Spruce/Fir	Sapling Medium	9.1	25	Immature	N/A	Was Part of Bridge Over Mix Sale. Low and high ground mixture. Stand is new, its the residual non-merchantable conifer and cedar from sale.																														
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15	6124 - Lowland Spruce-Fir	Sapling Well	13.6	39	81-110	N/A	Nice white pine regeneration. Few hemlock present within the stand.																														
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16	42350 - Upland Hemlock	Sawtimber Well	7.8	175	141-170	N/A	Pretty cool Hemlock Stand on ridge in the swamp. Heavy deer use throughout the Stand.																														
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17	6122 - Black Spruce	Sapling Medium	4.3	78	1-50	N/A	Black spruce stand with mix of saplings and poles. Not merchantable stand.																														
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18	310 - Herbaceous Openland	Nonstocked	17.1			No	Pipeline R.O.W.																														
19	6129 - Mixed Coniferous Lowland Forest	Poletimber Medium	43.6	90	51-80	N/A	Area of cedar, tamarack, and black spruce mix. Very wet stand with a few open areas. There is some cedar mortality. Trees are small diameter and only about 2 sticks tall. Leave and consider in future with stand to north in adjacent compartment. Heavy deer sign.																														
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20	6120 - Lowland Cedar	Poletimber Well	7.1	104	111-140	N/A	The stand is at the bottom of a very steep ridge. Called the stand from the top of the ridge and adjacent private lands. Wet cedar, black spruce, balsam fir, aspen and birch stand.																																					
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21	6122 - Black Spruce	Poletimber Well	4.3	59	111-140	N/A	Stand will be difficult to harvest below the ridge. Smaller diameters. Hold until future treatments to adjacent stands tonorth if ever.																																					
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22	6130 - Fir, Aspen, Maple	Sapling Well	21.3	39	81-110	N/A	Lowland stand that is sparse in spots. Very small diameters in wettest areas.																																					
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23	622 - Lowland Shrub	Nonstocked	5.0			No																																						
24	6121 - Tamarack	Sapling Medium	11.5	56	1-50	N/A	Treed bog. Mortality to tamarack and is very wet.																																					
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25	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	15.4	39	81-110	N/A	Very mixed stand. Was harvested in 1980. Some overstory of maple and conifer left when harvested.																																					
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
26	6124 - Lowland Spruce-Fir	Sapling Medium	35.6	21	Immature	N/A	Wet stand, open bog.		
Canopy Species		% Cover	Size Class	DBH	Age				
Red Maple		10	Sapling	2					
Quaking Aspen		10	Sapling	2					
Balsam Fir		19	Sapling	2					
White Spruce		35	Sapling	2	21				
Black Spruce		7	Sapling	2					
Tamarack		12	Sapling	2					
White Pine		7	Sapling	2					
27	4199 - Other Mixed Upland Deciduous	Sawtimber Well	25.5	75	141-170	N/A	Very Steep ridge with the road on the top. Limit factor for steep slope, not operable. Mortality to aspen and birch.		
Canopy Species		% Cover	Size Class	DBH	Age	Canopy Species	Density	Avg. Height	Size
Red Maple		45	Log/Pole	10	75	Bigtooth Aspen	Low	Variable	Sapling
Paper Birch		10	Log/Pole	10		Balsam Fir	High	Variable	Sapling
Quaking Aspen		15	Log/Pole	11					
Bigtooth Aspen		20	Log/Pole	11	62				
White Spruce		8	Pole	8					
28	42350 - Upland Hemlock	Sawtimber Well	19.3	206	141-170	N/A	Ridge of hemlock, wb & wp. heavy deer use. Part of old beach ridge with old growth hemlock and white pine along it.		
Canopy Species		% Cover	Size Class	DBH	Age				
Hemlock		96	Log/Pole	13	206				
29	6112 - Lowland Aspen	Sapling Well	2.7	37	141-170	N/A	Cut in 1982 Wet inaleal small Stind. deeivybrooise form in undv,tors		
Canopy Species		% Cover	Size Class	DBH	Age	Canopy Species	Density	Avg. Height	Size
Red Maple		14	Sapling	4		Tag Alder	Low	Variable	Tall Shrub
Paper Birch		12	Sapling	4					
Quaking Aspen		51	Sapling	4	37				
Balsam Fir		13	Sapling	4					
White Spruce		10	Sapling	4					
30	4319 - Mixed Upland Forest	Poletimber Medium	21.0	103	51-80	N/A	Most older stand with areas which were partly cut 20 to 30 years ago. Heavy understory of mostly balsam fir , maple and aspen. Some nice white pine on small ridges. Few wet areas within the stand. Leave for now.		
Canopy Species		% Cover	Size Class	DBH	Age	Canopy Species	Density	Avg. Height	Size
Red Maple		53	Pole/Log	9	103	Red Maple	Low	Variable	Sapling
Paper Birch		6	Log/Pole	11		Balsam Fir	Medium	Variable	Sapling
White Pine		24	Log/XLog/Pole	14		Tag Alder	Low	Variable	Tall Shrub
31	6122 - Black Spruce	Poletimber Medium	4.8	78	141-170	N/A	Stand is filled in bog type with black spruce and tamarack.		
Canopy Species		% Cover	Size Class	DBH	Age				
Black Spruce		85	Pole/Sapling	5	78				
Tamarack		15	Pole/Sapling	5					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																															
32	6120 - Lowland Cedar	Poletimber Well	38.3	122	141-170	N/A	Nice cedar stand. Some mortality and blowdown in the cedar. Lots of deer sign.																																															
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33	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	37.3	124	141-170	N/A	Mixed stand with some cut areas. Sucker creek flows thru the stand. Deer Yard																																															
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35	6120 - Lowland Cedar	Sawtimber Well	15.1	141	141-170	N/A	Heavy deer use of Stand. Some mortality to cedar and Balm. Few Red maple in the Stand. Sucker creek flows thru the stand.																																															
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36	6128 - Lowland Coniferous, Mixed Deciduous	Sapling Well	36.7	33	Immature	N/A	Some nice white pine scattered throughout the stand. Stand is at the bottom of a steep slope. Mostly wet ground with poor quality trees of mixed variety. Borderline non-productive in places.																																															
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37	4115 - Y.Birch, Hemlock NH	Sawtimber Well	14.7	99	81-110	N/A	Very steep ridges within the stand. Heavy regeneration in areas. Few white pine in overstory. Mortality to white pine. Ridge would make stand very difficult to harvest. Browse heavy in areas.																																															
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38	429 - Mixed Upland Conifers	Poletimber Well	9.7	134	111-140	N/A	Very mixed stand with some mortality to white pine and jack pine. Stand is between Lake Michigan beach and US 2 highway. Leave alone as along Lake Michigan.																																																										
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39	6124 - Lowland Spruce-Fir	Sapling Well	6.8	35	81-110	N/A	Cut over stand. Some overstory left of maple and few cedar . Leave for now.																																																										
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41	6112 - Lowland Aspen	Sapling Well	12.2	33	Immature	N/A	Cut in 1986. Part of the stand is upland and part is lowland. Sucker Creek flows thru the stand. Regeneration is 20-30' tall. Heavy deer use of the stand. Browse heavy within the stand.																																																										
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42	4137 - Aspen, Birch	Poletimber Well	7.0	55	141-170	N/A	Heavy mortality to white birch. Heavy regeneration throughout the stand. Stand has runs along the road. Part of slae 45-112-16-01 Single Shot Mix.																																																										
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43	6120 - Lowland Cedar	Poletimber Medium	42.7	124	141-170	N/A	Some mortality to cedar. Nice cedar in areas. There is some blowdown occurring. Heavy deer use of the stand. Some open areas with tag alder. Mostly all cedar with little black spruce and yellow birch.																																																										
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																	
44	6124 - Lowland Spruce-Fir	Sapling Well	27.0	35	51-80	N/A	Been cut in 1984. Wetter stand with more black spruce.																																	
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45	42350 - Upland Hemlock	Sawtimber Well	5.2	135	141-170	N/A	Nice hemlock stand with many other tree species mixed into stand. Hill or ridge with small vernal pool in the stand. Some mortality to the paper and yellow birch.																																	
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46	4134 - Aspen, Spruce/Fir	Sapling Medium	18.7	7	Immature	N/A	Sand ridges run through the stand. Lowland and upland. Regen check in 2014.																																	
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47	4319 - Mixed Upland Forest	Sawtimber Well	3.7	104	81-110	N/A	Ridge south of the Orchard Hill Road. Nice white pine and hemlock along the ridge. Heavy deer browse with most of the regeneration on top of the ridge.																																	
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48	622 - Lowland Shrub	Nonstocked	16.3			No																																		
49	4130 - Aspen	Sapling Medium	23.5	7	Immature	N/A	Mix of upland and lowland. Sand ridges in the stand.																																	
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50	4134 - Aspen, Spruce/Fir	Sapling Well	50.6	22	Immature	N/A	Good regeneration with a few wet areas. Some open areas and some white pine present.																																	
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																						
51	42390 - Mixed Non-Pine Upland Conifers	Poletimber Medium	5.0	70	1-50	N/A	Cut in May 2008 on Bridge Over Mix sale 45-107-02-1-01. Mixed stand with scattered aspen , birch regen in clumps. Heavy deer activity this winter.																																						
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52	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	28.8	44	51-80	N/A	I-log Island Campground. Very mixed stand with some mortality to white birch.																																						
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53	6120 - Lowland Cedar	Sawtimber Well	38.2	125	141-170	N/A	Some mortality to cedar and white birch. Heavy deer use within the stand. Leave																																						
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54	629 - Mixed non-forested wetland	Nonstocked	3.9			No																																							
55	6120 - Lowland Cedar	Sawtimber Well	15.3	164	141-170	N/A	Blow down to cedar. Some mortality to white Birch. Heavy deer use.																																						
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56	6130 - Fir, Aspen, Maple	Sapling Well	23.6	33	81-110	N/A	Thick regeneration with heavy deer use.																																						
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57	623 - Emergent Wetland	Nonstocked	2.5			No																																							



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58	6117 - Lowland Deciduous, Mixed Coniferous	Sawtimber Well	15.1	79	111-140	N/A	Heavy blowdown reported last yoe. Tried to get to stand but too wet to get into stand. Small ridge in the stand. PART of current timber sale. 45-112-16-01 Single Shot Mix.																																		
59	6118 - Lowland Deciduous with Cedar	Sawtimber Well	8.5	49	81-110	N/A	Some mortality to birch and aspen. Heavy deer use. Blowdown occurring within the stand. Stand isa drainage.																																		
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60	4134 - Aspen, Spruce/Fir	Sapling Medium	4.1	11	Immature	N/A	Cut in May 2008 on Bridge Over Mix sale 45-107-02-1-01. Starting to regenerate to a mix. Some of the balsam fir sapiings were left on the site when cut as were a few aspen and birch saplings. Regeneration is around 10 feet tall.																																		
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Balsam Fir	40	Sapling	4																																						
61	6132 - Mixed Lowland Forest with Cedar	Poletimber Well	43.9	41	111-140	N/A	Stand cut in 1978. The stand is wet with good aspen, balsam, spruce, red maple and some birch. There were cedar left from the original cut. There are areas of tag alder.																																		
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62	6131 - Hemlock, White Pine, Maple, Birch	Sawtimber Well	36.0	137	111-140	N/A	Nice stand of hemlock with white birch, cedar and red maple. Mix of uplands but is mostly lowland. Heavy deer use.																																		
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63	6120 - Lowland Cedar	Poletimber Well	16.3	103	141-170	N/A	Few open areas. Some mortality to white birch and Cedar. Heavy deer use .																																		
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64	4130 - Aspen	Sapling Medium	6.5	11	Immature	N/A	Cut in March 2008 on Bridge Over Mix sale 45-107-02-1-01. Mix of species within the stand. There is heavy deer use within the stand and browsing this winter.																																																															
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65	310 - Herbaceous Openland	Nonstocked	1.8			No																																																																
66	623 - Emergent Wetland	Nonstocked	3.0			No																																																																
67	6120 - Lowland Cedar	Poletimber Well	21.4	109	141-170	N/A	Smaller diamter. Heavy Deer Use.																																																															
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68	4134 - Aspen, Spruce/Fir	Sapling Medium	9.4	11	Immature	N/A	Cut in March 2008 on Bridge Over Mix sale 45-107-02-1-01. Some good regeneration with some browsing to the regeneration.																																																															
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69	6139 - Mixed Lowland Forest	Sapling Medium	11.0	45	141-170	N/A	Heavy deer browse on cedar regeneration. Some open areas.Small diameter, wet in most areas.																																																															
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71	6120 - Lowland Cedar	Poletimber Well	53.6	130	141-170	N/A	Very wet stand with a small stream and Hog Island Creek flow thru it. Heavy deer use and very thick cedar Areas of the stand have more like C3 then a C6 stand. Still very thick cedar within the stand.																																																															
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72	629 - Mixed non-forested wetland	Nonstocked	2.8			No																																																																



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73	122 - Road/Parking Lot	Nonstocked	17.5			No	U.S. 2																																											
74	6120 - Lowland Cedar	Poletimber Well	17.4	107	141-170	N/A	Buffer along Hog Island Creek. Some blowdown and mortality is occurring in the stand. Leave as deer cover and BMP.																																											
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77	6120 - Lowland Cedar	Poletimber Well	142.2	129	141-170	N/A	Heavy deer use of the stand. Stand is along US 2 Browse to the understory. Mortality to cedar and paper birch. Some porky activity. This stand is wet.																																											
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78	622 - Lowland Shrub	Nonstocked	4.1			No																																												
79	4134 - Aspen, Spruce/Fir	Sapling Medium	37.3	11	Immature	N/A	Cut in March 2008 on Bridge Over Mix sale 45-107-02-1-01. Some heavy deer browse in areas of the stand. Some smaller low areas within the stand and small ridges within the stands.																																											
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80	6139 - Mixed Lowland Forest	Sawtimber Well	9.4	105	141-170	N/A	Areas of mixed species & heavy spagnum areas with small ridges. Very much a variable stand with areas heavier of conifer. Part of timber sale 45-112-16-01 Single Shot Mix																																											
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81	4134 - Aspen, Spruce/Fir	Sapling Medium	4.2	11	Immature	N/A	Cut in May 2008 on Bridge Over Mix sale 45-107-02-1-01.																																													
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82	6130 - Fir, Aspen, Maple	Sapling Well	21.0	41	81-110	N/A	Cut over at different times. Good regeneration with heavy deer use. Small ridge in southside of the stand.																																													
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83	4134 - Aspen, Spruce/Fir	Sapling Medium	9.7	11	Immature	N/A	Cut in March 2008 on Bridge Over Mix sale 45-107-02-1-01.																																													
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84	6120 - Lowland Cedar	Sawtimber Well	9.4	146	141-170	N/A	Left from previous cutting. There is heavy deer use of the site. Some blowdown and mortality is occurring.																																													
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85	710 - Sand, Soil	Nonstocked	69.2			No	Lake Michigan Shoreline.																																													
86	310 - Herbaceous Openland	Nonstocked	3.2			No																																														
87	6120 - Lowland Cedar	Sawtimber Well	28.0	124	141-170	N/A	Mortality in parts of the stand. Some large white pine in the canopy. Small area of white birch. Heavy deer use. Hog Island Creek flows through the stand.																																													
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88	6120 - Lowland Cedar	Poletimber Well	237.1	124	141-170	N/A	Mixed cedar stand with Hog Island Creek flowing thru it. Some areas of white birch and spruce are thicker. I-heavy deer use within the stand. Few small ridges within the stand. Some low wet areas with tag alder.																																							
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89	6128 - Lowland Coniferous, Mixed Deciduous	Sawtimber Well	4.0	145	111-140	N/A	Mixed stand of variable crown closure, Heavy deer use Of Stand. Stream flows thru last side of stand.																																							
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90	622 - Lowland Shrub	Nonstocked	3.9			No																																								
91	6229 - Mixed lowland shrub	Nonstocked	1.1			No																																								
92	4190 - Mixed Upland Deciduous with Cedar	Poletimber Medium	2.6	88	51-80	N/A	Heavy balsam regeneration with little aspen. Heavy to cedar in areas. Stand is converting to more conifer.																																							
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93	500 - Water	Nonstocked	2.3			No																																								
94	622 - Lowland Shrub	Nonstocked	2.3			No																																								
95	6112 - Lowland Aspen	Sapling Well	12.4	28	Immature	N/A	Aspen regeneration with some red maple, spruce and balsam. Few birch present. 20 to 30 feet tall. Some tag alder areas with small drainages within the stand.																																							
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96	4134 - Aspen, Spruce/Fir	Sapling Well	11.0	25	Immature	N/A	Nice regeneration in most areas. Lots of exposed bed rock through out the stand. Few open areas within the stand. Some nice white birch regeneration in areas. Part off the tribal access site to Lake Michigan. Road cuts thru stand.																																								
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Red Osier Dogwood	Low	< 5 feet	Tall Shrub																																												
98	42390 - Mixed Non-Pine Upland Conifers	Poletimber Well	31.3	116	141-170	N/A	Mostly a lowland cedar on the Lake Michigan shoreline. Upon bedrock thru out the stand. Mortality to paper birch and balsam fir. Part of the cedar was cut 30-50 years ago. Part of tribal boat access site to Lake Michigan.																																								
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99	622 - Lowland Shrub	Nonstocked	4.4			No																																									
100	623 - Emergent Wetland	Nonstocked	5.0			No																																									
101	4134 - Aspen, Spruce/Fir	Sapling Well	18.4	11	Immature	N/A	Part of Bridge Over Mix Sale. Low and high ground mixture.																																								
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102	710 - Sand, Soil	Nonstocked	3.4			No																																									
103	4319 - Mixed Upland Forest	Sapling Well	9.3	33	Immature	N/A	Good regeneration of 15 to 30 feet tall. Few open areas and a few lower areas. There is some white pine regeneration. Heavy deer browse on red maple in the understory.																																								
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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104 6128 - Lowland Coniferous, Mixed Deciduous Sapling Well 21.9 66 141-170 N/A Very mixed stand with variable heights. Right along US 2. Hog island creek flows thru stand. leave. Diverse stand components.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	7	Pole	6	
Paper Birch	25	Pole	7	66
White Spruce	15	Pole	6	
Northern White Cedar	20	Pole	7	
Tamarack	20	Pole	6	
White Pine	10	Pole	7	

Canopy Species	Density	Avg. Height	Size
Paper Birch	Low	Variable	Sapling
Balsam Fir	Medium	Variable	Sapling

105 6128 - Lowland Coniferous, Mixed Deciduous Poletimber Well 16.0 70 111-140 N/A Mackinac Mix standwith some good clumps of cedar. Heavy deer sign.

Canopy Species	% Cover	Size Class	DBH	Age
Northern White Cedar	35	Pole	8	70
Red Maple	20	Pole	8	
Black Spruce	15	Pole	7	
Paper Birch	10	Pole	8	
Balsam Fir	20	Pole	7	

106 6122 - Black Spruce Sapling Poor 2.0 80 1-50 N/A Wet area of stand which has regenerated to more conifer with some deciduous trees. Most of the regeneration is 3 to 15 feet tall. A few overstory trees were left when cut in '98.

Canopy Species	% Cover	Size Class	DBH	Age
Black Spruce	75	Sapling	2	80
Tamarack	25	Sapling	2	