



# Compartment Review Presentation

## Sault Ste. Marie Forest Management Unit

Compartment 45043

Entry Year 2017

Acreage: 2,910

County Chippewa

Management Area: Kinross Bog

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**Revision Date:** 2015-08-04

**Stand Examiner:** Jeff Wise

**Legal Description:**

T45N R1W Sec 4, 8, 9, 16, 17, 18, 19, 20

**Identified Planning Goals:**

To regenerate mature lowland conifer stands in a sustainable age class distribution regime while enhancing wildlife values. To prescribe treatments conducive to protecting water quality in these lowland areas. To manage red pine stands for optimal growth and yield to a mature stand at Final Harvest. To provide for reasonable public access for multiple use recreation such as hunting, trail riding, camping, and hiking while protecting the natural resources.

**Soil and topography:**

Markey Kinross-Croswell, and Markey Dawson: deep, level to undulating, poorly and moderately well drained, mucky and sandy soils on outwash plains. Topography is generally flat to rolling with lowland tag alder and conifer swamps to aspen and hardwood knobs.

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

Mostly a contiguous block of State land bordering I-75 and other State land. One private parcel within, containing a hunting camp. Land use is ORV and snowmobile trail riding along with hunting, and timber and wildlife management. Surrounding State land is conducive to landscape level management.

**Unique Natural Features:**

None known at this time.

**Archeological, Historical, and Cultural Features:**

An old logging camp is within the compartment, no concerns this YOY, see Compartment folder.

**Special Management Designations or Considerations:**

None this YOY.

**Watershed and Fisheries Considerations:**

This compartment contains portions of the Little Munuscong River, within the St. Marys River watershed. The Munuscong River is an important tributary for walleye spawning. The Little Munuscong River is a designated trout stream just downstream of this compartment, starting in section 23. Prescribed management activities are appropriate for the protection of the Little Munuscong River.

**Wildlife Habitat Considerations:**

Compartment 43 is located in the Kinross Bog Management Area east of I-75. Featured species in the MA include American bittern, black bear, beaver, and snowshoe hare. The compartment is dominated by lowland types ranging from open bog to lowland conifer stands including cedar, tamarack, and mixed conifers. Adjacent compartments to the east contain similar types. A few ponds in this system provide habitat for beaver, wood ducks, and other wetland wildlife. Access over most of this compartment is poor as much of it contains wetland types. I-75 forms the western boundary while the snowmobile trail forms the eastern boundary. This trail is closed during the summer months. Trail conditions are poor even for foot travel during the summer; the trail has several wet sections. Accessible areas of the compartment are primarily on the south end where uplands and low ridges support aspen, mixed deciduous, and black spruce stands. Wildlife management will primarily be accomplished by maintaining wetland areas by generally not conducting active management in them. The larger block of relatively undisturbed habitat will favor species like black bear.

**Mineral Resource and Development Concerns and/or Restrictions**

Surface sediments consist of peat and muck, lacustrine sand and gravel, and coarse-textured till. There is insufficient data to determine the glacial drift thickness (~50-200+ feet). The Ordovician Trenton and Black River formations and possibly some Collingwood Shale sub crop below the glacial drift. The former two formations are quarried for stone/dolomite. A

gravel pit may be located in Section 20, and a large pit is located just over two miles to the west (sections 14-15, possible trespass onto State land). Sand and gravel potential appears to be good. A well was drilled to the east in 1940 to 585 feet in the Precambrian Jacobsville Sandstone. There is no current economic oil and gas potential in the UP. Surface sediments consist of peat and muck and lacustrine (lake) sand and gravel. There is insufficient data to determine the glacial drift thickness. The Ordovician Trenton and Black River Groups sub crop below the glacial drift. These formations are quarried for stone/dolomite. Pits are located to the south, but potential appears to be limited. A well was drilled in 1940 to 587 feet in the Precambrian Jacobsville Sandstone. There is no current economic oil and gas production in the UP.

**Vehicle Access:**

Gaines Highway on the south side. Old Mac Trail on the east side. One two track within the compartment to access the southern stands.

**Survey Needs:**

None this YOE.

**Recreational Facilities and Opportunities:**

An ORV Trail exists as well as the snowmobile trail on the Old Mac Trail. No facilities. Hunting is a main activity here also.

**Fire Protection:**

Good access to the north, south and east part of the compartment. Water sources are close by.

**Additional Compartment Information:**

**The following reports from the Inventory are attached:**

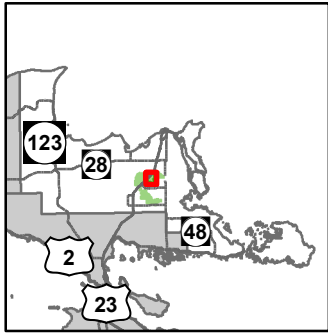
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

**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**

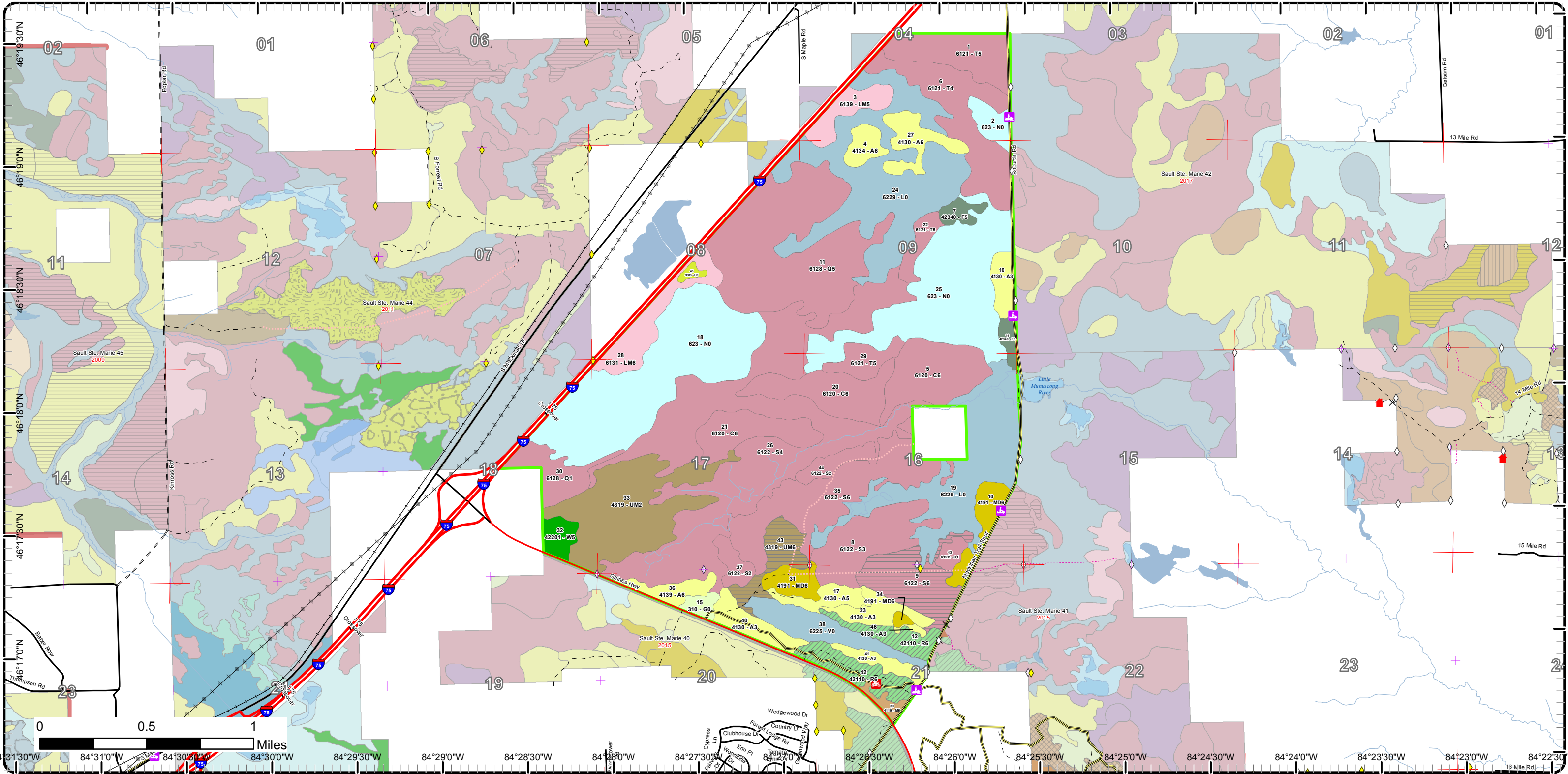
# Cover Type & Treatments

Compartment: 43  
 T45N, R01W,  
 Sec: 4, 8, 9, 16-18, 20, 21  
 County: Chippewa  
 Unit: Sault Ste. Marie  
 Mgmt Area: Kinross Bog  
 YOE: 2017  
 Acres: 2910 GIS Calculated  
 Examiner: Jeff Wise  
 Map Revised: 8/10/2015  
 Map Phase: Review



- ✚ Remonumented Section Corners
- ◊ Survey Grade GPS Corners
- ◇ Field Grade GPS Corners
- Miris Corners
- Highway
- County Paved Roads
- Paved Roads
- Gravel Roads
- Poor Dirt Roads
- Trail (Non-Recreation)
- Closed Roads
- ✕ Gate
- ▲ Berms
- 🏍 Motorcycle Trails (DNR License)
- 🛷 Snowmobile Trails
- Railroads
- Rivers
- Lakes
- ⚡ Powerline
- Treatments
- ▭ Clearcut (w/Reserves)
- ▨ Thinning (Crown, Low, Systematic)

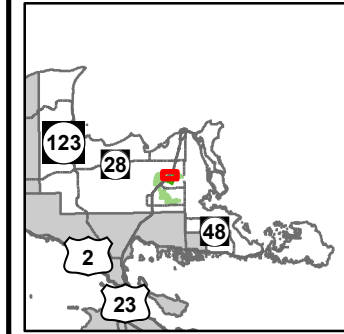
- Forest Covertype
- 411 - Northern Hardwood
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 430 - Upland Mixed Fores
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- Non-Forest Covertype
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 622 - Lowland Shrub
- 623 - Emergent Wetland



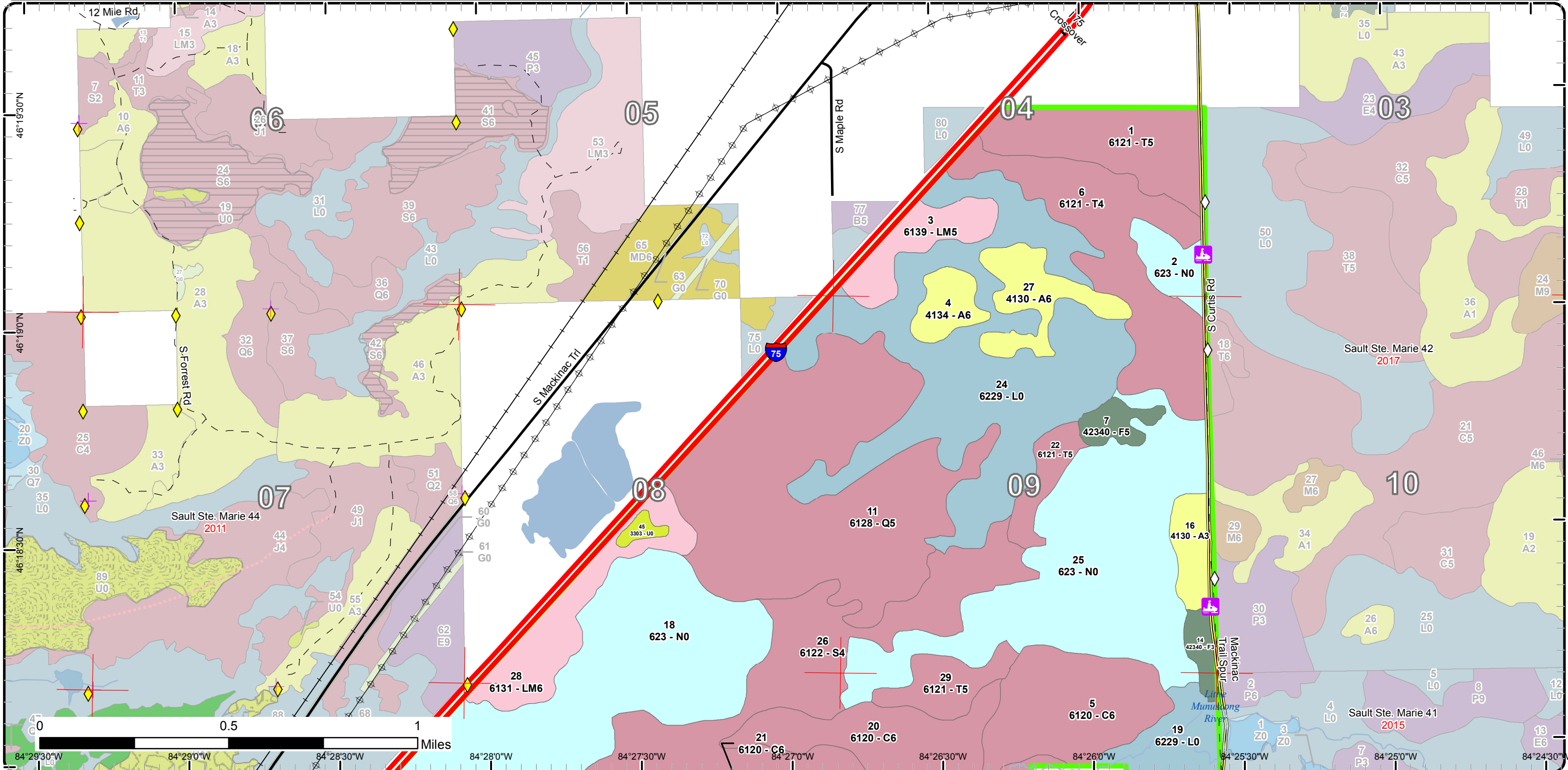
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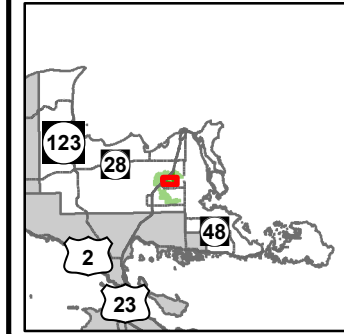


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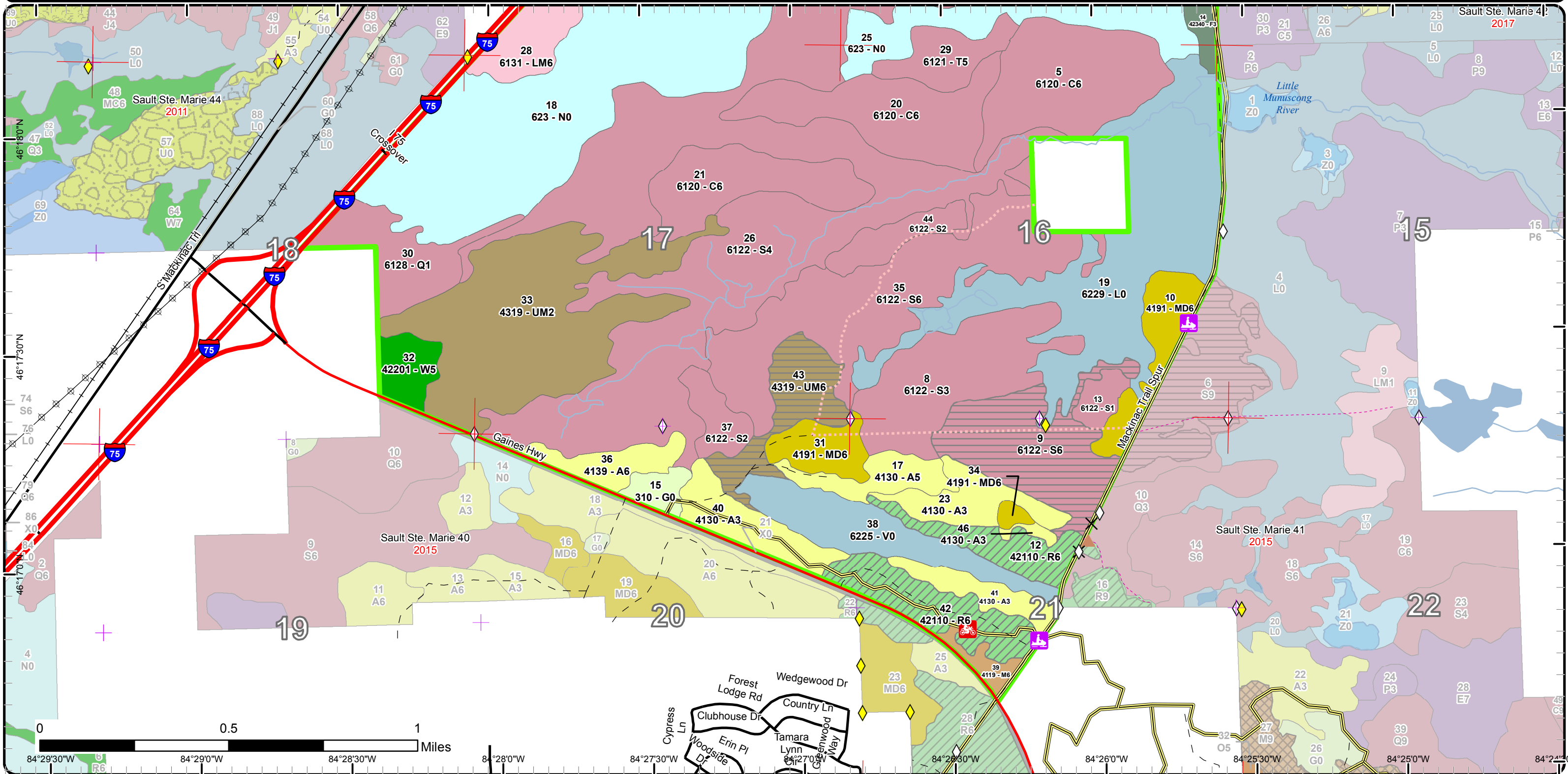
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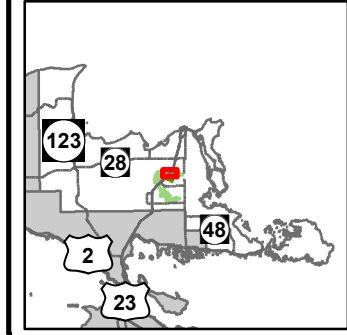
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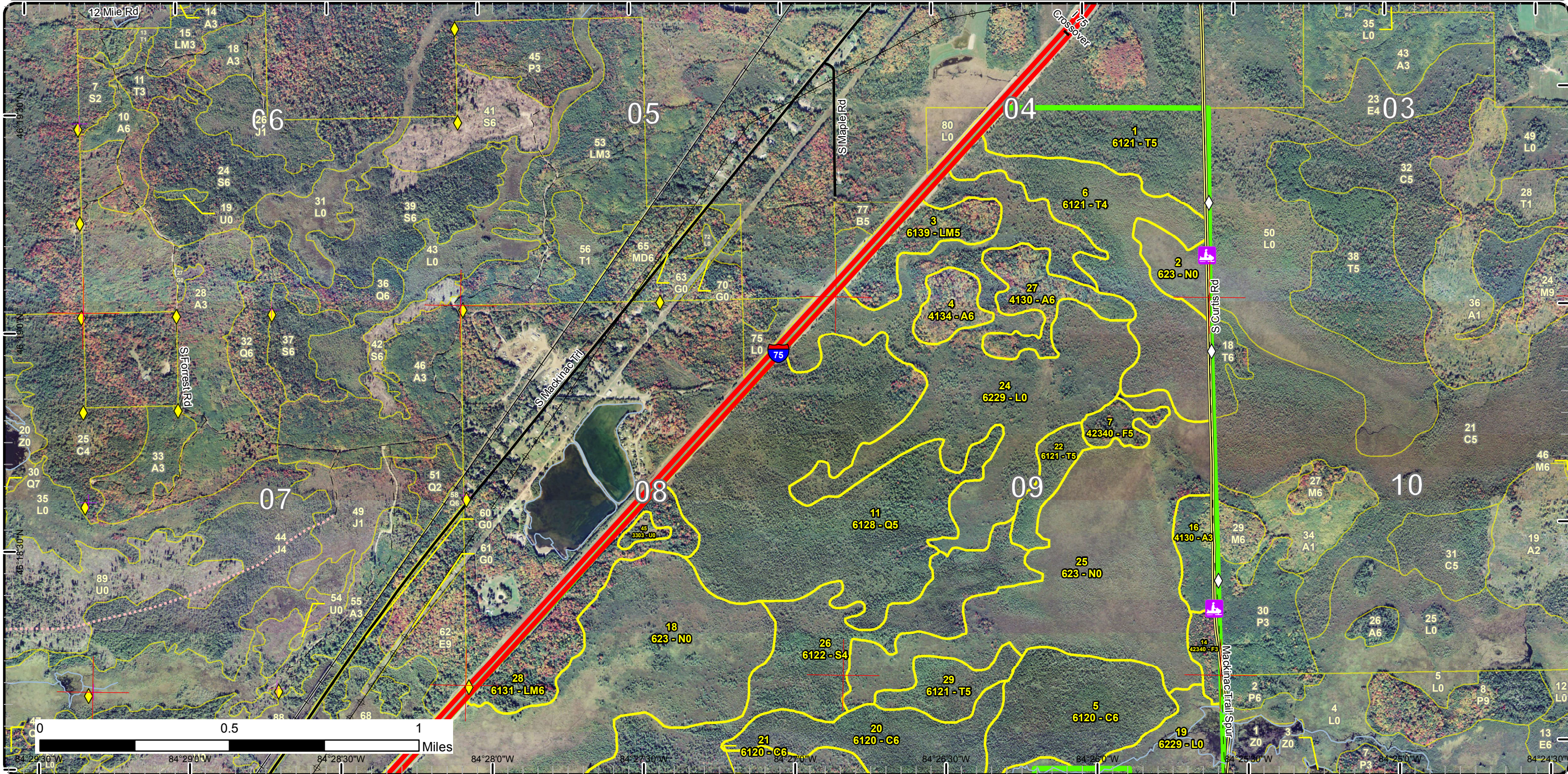


# Stand Boundary Map

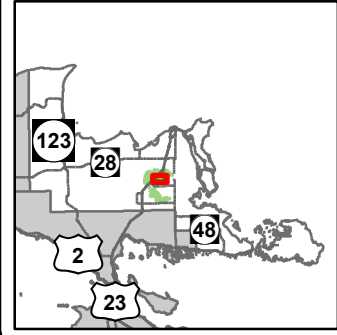
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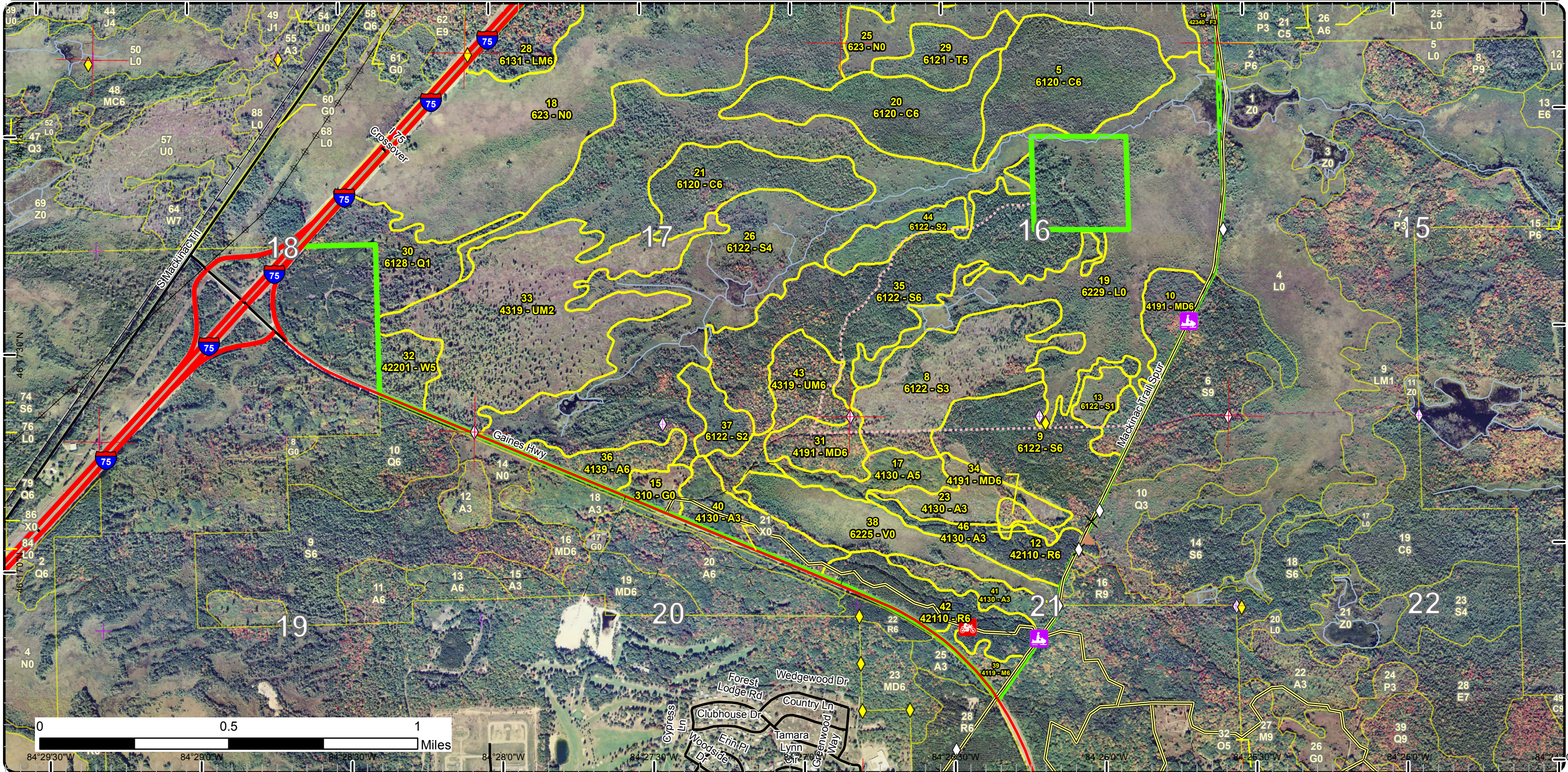


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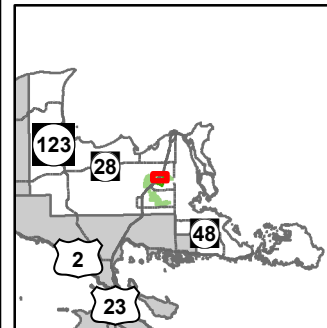
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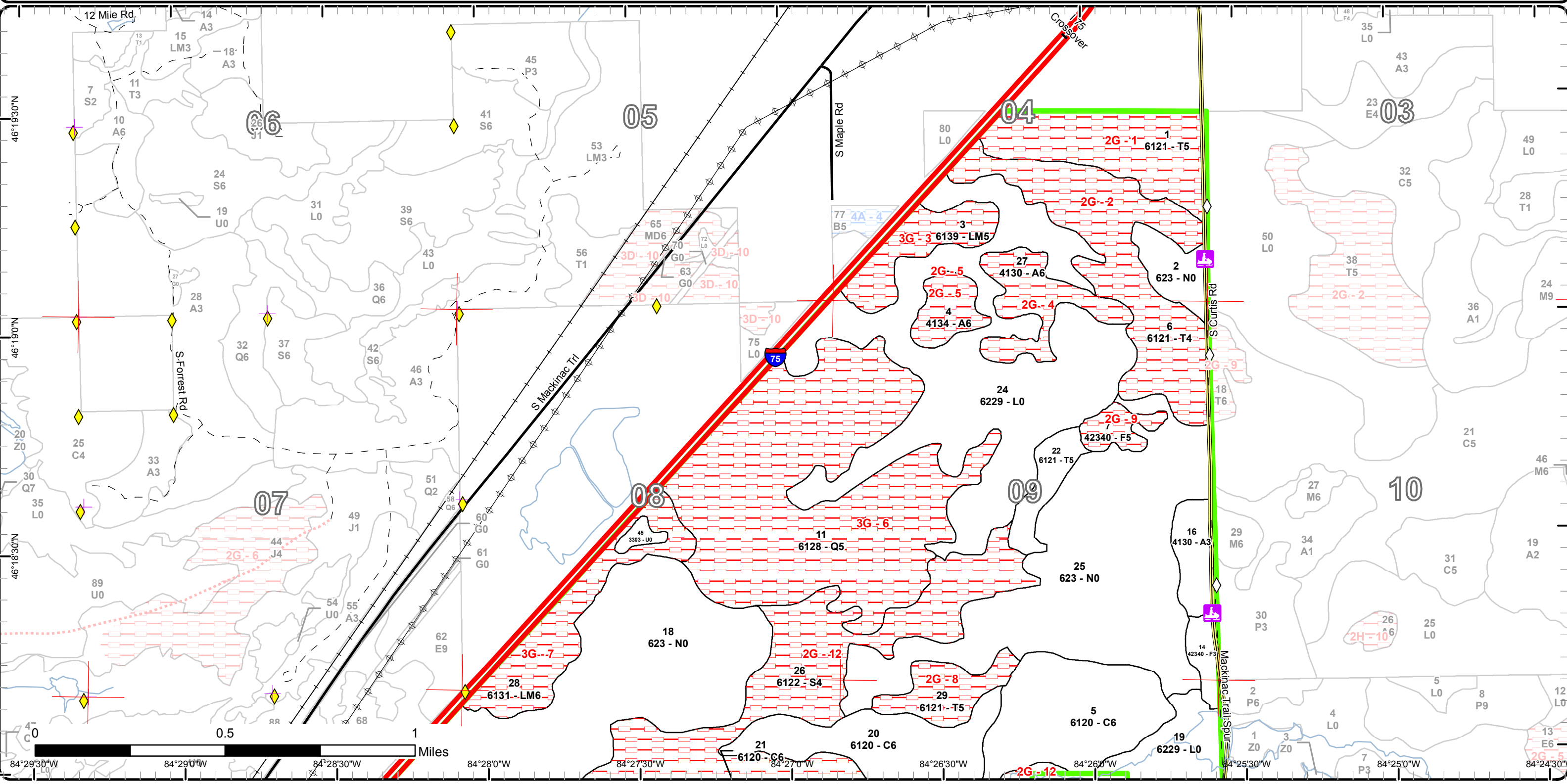


# Special Conservation Areas & Site Conditions Map

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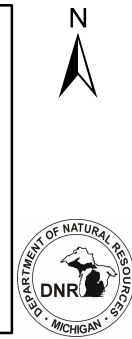
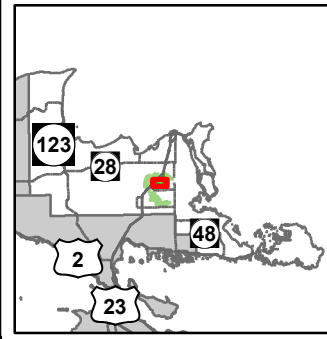
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- Site Condition
- Unavailable
- Unavailable Factors
- 2G: Too wet (sensitive soils, does not include access issues)
- 3G: Other Influence zones - See comments
- Special Conservation Areas



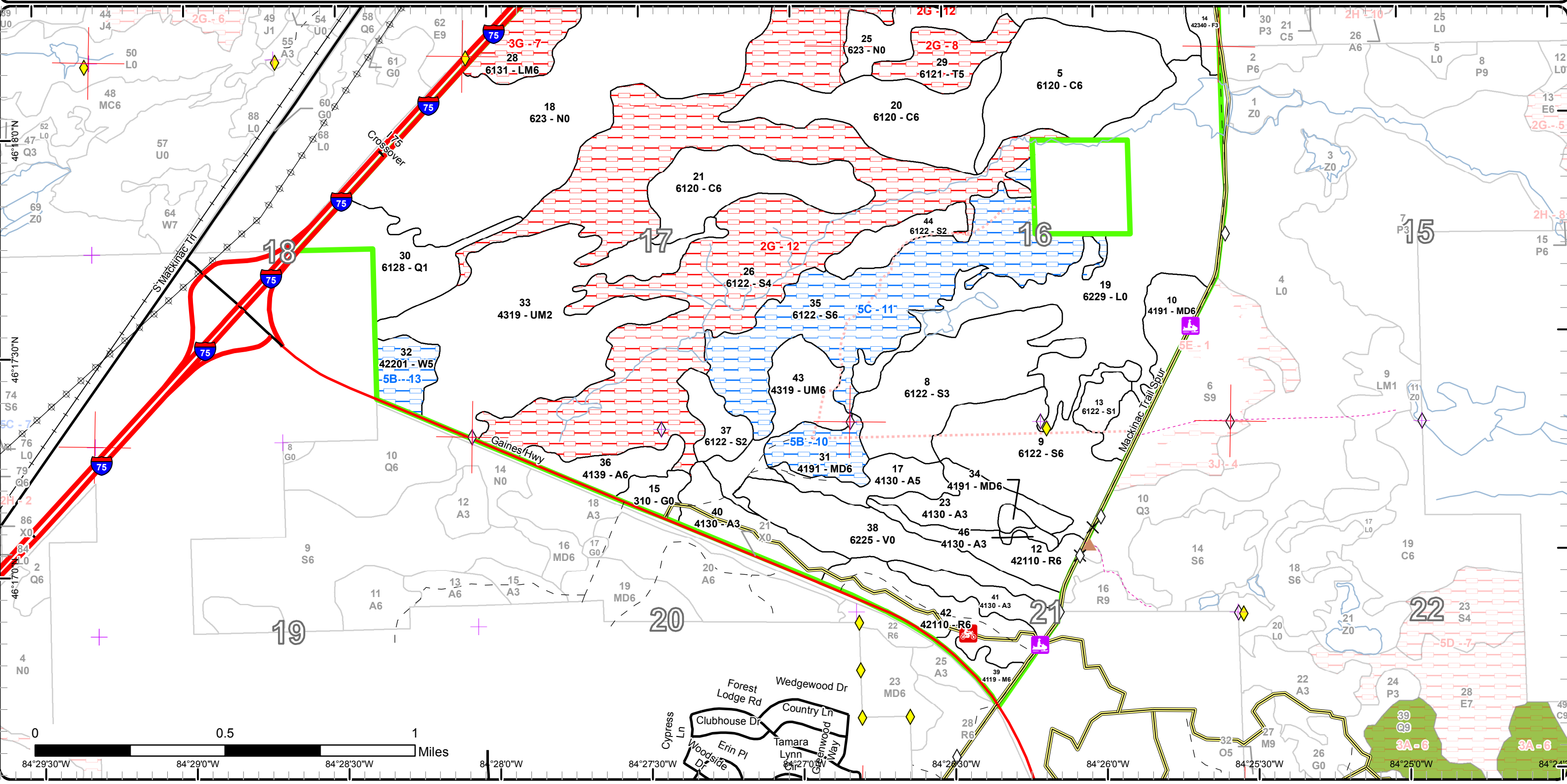


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- ▭ Stand Boundaries
- Site Condition
- Available w/ Constraints
- Unavailable
- Available Factors W/ Constraints
- 5B: Maintain for regeneration purposes
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- Unavailable Factors
- 2G: Too wet (sensitive soils, does not include access issues)
- 3G: Other Influence zones - See comments
- Special Conservation Areas
- Verified Type 2 Old Growth



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	26	70	20	0	20	0	0	0	49	0	0	0	0	0	0	0	0	185
Bog	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50
Cedar	0	0	0	0	0	0	0	0	0	52	143	0	0	0	0	0	0	0	195
Herbaceous Openland	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Low-Density Trees	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Lowland Conifers	0	0	40	0	0	0	0	0	0	0	0	0	243	0	0	0	0	0	283
Lowland Mixed Forest	0	0	0	0	0	0	0	31	51	0	0	0	0	0	0	0	0	0	82
Lowland Shrub	382	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	382
Lowland Spruce/Fir	0	77	10	34	0	0	0	0	0	581	0	0	0	0	0	0	0	0	702
Marsh	457	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	457
Mixed Upland Deciduous	0	0	21	29	0	0	0	3	0	0	0	0	0	0	0	0	0	0	53
Northern Hardwood	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	9
Red Pine	0	0	0	0	0	0	64	0	0	0	0	0	0	0	0	0	0	0	64
Tamarack	0	0	0	0	0	17	0	0	0	103	24	65	0	0	0	0	0	0	209
Upland Mixed Forest	0	150	0	0	0	0	0	0	0	35	0	0	0	0	0	0	0	0	185
Upland Spruce/Fir	0	0	0	10	0	0	0	0	0	12	0	0	0	0	0	0	0	0	22
White Pine	0	0	0	0	0	0	0	0	0	0	0	17	0	0	0	0	0	0	17
<b>Total</b>	<b>903</b>	<b>253</b>	<b>141</b>	<b>93</b>	<b>0</b>	<b>37</b>	<b>73</b>	<b>3</b>	<b>31</b>	<b>883</b>	<b>167</b>	<b>82</b>	<b>243</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2909</b>



## Report 2 – Treatment Summary

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

Acres of Harvest

Compartment 43  
Total Compartment Acres: 2,910

Commercial Harvest - 169  
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
Lowland Spruce/Fir	69	0	0	0	0	0	0	0	0	69
Red Pine	0	0	0	0	64	0	0	0	0	64
Upland Mixed Forest	35	0	0	0	0	0	0	0	0	35
<b>Total</b>	<b>105</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>64</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>169</b>

### Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	169	0	0	0	0	0	0	0	0	169
Next Step	0	0	0	0	0	105	0	0	0	105
<b>Total</b>	<b>169</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>105</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>274</b>



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
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9	45043009-Cut	69.2	6122 - Black Spruce	Poletimber Well	85	81-110	Harvest	Clearcut with Retention	6122 - Black Spruce	Even-Aged	Proposal
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**Habitat Cut: No**                      **Site Condition:**

Prescription Harvest black spruce, leave all other species, there is not enough to add up, leave fingers and wetland buffers.

Specs:

Next Step  
Treatments:

Acceptable Present species acceptable  
Regen:

Other Old next step comments:  
Comment:

Proposed Start Date: 10/1 /2016

12	45043012-Cut	25.4	42110 - Planted Red Pine	Poletimber Well	54	111-140	Harvest	Crown Thinning	4211 - Planted Red Pine	Even-Aged	Proposal
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**Habitat Cut: No**                      **Site Condition:**

Prescription Mark to harvest to 120 BA

Specs:

Next Step  
Treatments:

Acceptable No regeneration required with this treatment  
Regen:

Other Old next step comments:  
Comment:

Proposed Start Date: 10/1 /2016

42	45043042-Cut	39.1	42110 - Planted Red Pine	Poletimber Well	54	111-140	Harvest	Crown Thinning	4211 - Planted Red Pine	Even-Aged	Proposal
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**Habitat Cut: No**                      **Site Condition:**

Prescription Mark to harvest to 120 BA

Specs:

Next Step  
Treatments:

Acceptable No regeneration check required with this treatment  
Regen:

Other Old next step comments:  
Comment:

Proposed Start Date: 10/1 /2016

43	45043043-Cut	35.4	4319 - Mixed Upland Forest	Poletimber Well	85	81-110	Harvest	Clearcut with Retention	4319 - Mixed Upland Forest	Two-Aged	Proposal
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**Habitat Cut: No**                      **Site Condition:**

Prescription Harvest all species except white pine, cedar, hemlock, oak, and white birch.

Specs:

Next Step  
Treatments:

Acceptable Present species acceptable.  
Regen:

Other Old next step comments:  
Comment:

Proposed Start Date: 10/1 /2016

**Total Treatment Acreage Proposed: 169.0**

## Report 5 – Site Conditions

Sault Ste. Marie Mgt. Unit

Jeff Wise : Examiner

Compartment: 43

Year of Entry: 2017

### Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	Dominant Site Conditions			
		With Condition	Not Available		5B	5C	2G	3G
186	136	0	49	Aspen			49	
50	50	0	0	Bog				
194	194	0	0	Cedar				
10	10	0	0	Herbaceous Openland				
4	4	0	0	Low-Density Trees				
283	40	0	243	Lowland Conifers				243
82	0	0	82	Lowland Mixed Forest				82
382	382	0	0	Lowland Shrub				
702	190	130	382	Lowland Spruce/Fir		130	382	
457	457	0	0	Marsh				
53	32	21	0	Mixed Upland Deciduous	21			
9	9	0	0	Northern Hardwood				
64	64	0	0	Red Pine				
209	17	0	192	Tamarack			192	
186	186	0	0	Upland Mixed Forest				
22	10	0	12	Upland Spruce/Fir			12	
17	0	17	0	White Pine	17			
2,910	1,782	168	960	Total Forested Acres	38	130	635	325
	61%	6%	33%	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	2G: Too wet (sensitive soils, does not include access issues)	65	2I: Survey needed	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

## Report 5 – Site Conditions

Sault Ste. Marie Mgt. Unit

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Compartment: 43

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2	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	103	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
3	<b>Unavailable</b>	<b>3G: Other Influence zones - See comments</b>	31	2G: Too wet (sensitive soils, does not include access issues)	2E: Road needed	Unspecified	Unspecified
<b>Comments:</b> Travel influence- stand borders I-75							
4	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	32	2E: Road needed	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
5	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	17	2E: Road needed	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
6	<b>Unavailable</b>	<b>3G: Other Influence zones - See comments</b>	243	2G: Too wet (sensitive soils, does not include access issues)	2E: Road needed	Unspecified	Unspecified
<b>Comments:</b> Travel influence-stand borders I-75							
7	<b>Unavailable</b>	<b>3G: Other Influence zones - See comments</b>	51	2G: Too wet (sensitive soils, does not include access issues)	2E: Road needed	Unspecified	Unspecified
<b>Comments:</b> Travel influence, stand borders I-75							

## Report 5 – Site Conditions

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8	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	24	2E: Road needed	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
9	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	12	2E: Road needed	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
10	<b>Available</b>	<b>5B: Maintain for regeneration purposes</b>	21	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Two aged, 85 year old red maple over 16 year old aspen, let the aspen get mature before prescribing to prevent excessive damage.							
11	<b>Available</b>	<b>5C: Delay treatment for age/size class diversity or exceptional site quality</b>	130	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
12	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	382	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
13	<b>Available</b>	<b>5B: Maintain for regeneration purposes</b>	17	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

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

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### 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
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	6121 - Tamarack	Poletimber Medium	64.7	105	1-50	Borders I-75, snow trail, and pvt to the north, wait for a dry year and cold winter, beavers have taken over this compartment.
3	6139 - Mixed Lowland Forest	Poletimber Medium	30.7	78	1-50	Borders I-75, no access.
4	4134 - Aspen, Spruce/Fir	Poletimber Well	17.0	88	51-80	
5	6120 - Lowland Cedar	Poletimber Well	76.6	95	51-80	Data from OI.
6	6121 - Tamarack	Poletimber Poor	103.0	83	1-50	Borders I-75 and snow trail, flooded and dead with some cattails, beavers galore in this compartment.
7	42340 - Upland Spruce/Fir	Poletimber Medium	11.5	86	51-80	
8	6122 - Black Spruce	Sapling Well	76.6	4	Immature	Sale 007-07, cedar, tamarack, hemlock, hardwood, (except aspen) and pine, reserved, regeneration of some Aspen is acceptable along with Black Spruce.
9	6122 - Black Spruce	Poletimber Well	69.2	85	81-110	Large stand, see treatment notes.
10	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	29.1	22	Immature	Cut in 1993, sale 009-87-01, borders snow trail, quite a mix all the same amount it seems.
11	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Medium	243.0	115	1-50	Borders I-75, no access, looks like low quality and very wet area, much dead and stunted timber.
12	42110 - Planted Red Pine	Poletimber Well	25.4	54	111-140	OPIC - FMD: Row thinned in 1998, thinned to 120 BA in 2007, FDF, sale 10-07, borders snow trail.
13	6122 - Black Spruce	Sapling Poor	9.6	14	Immature	Cut in 2000, sale 03-98-01, still open in places.
14	42340 - Upland Spruce/Fir	Sapling Well	10.3	23	Immature	Cut in 1992, sale 45-29-86-01, was part of stand 16, borders snow trail.
16	4130 - Aspen	Sapling Well	20.0	23	Immature	OPIC - FMD: Cut in 1992, sale 29-86-01, borders snow trail.
17	4130 - Aspen	Poletimber Medium	20.4	16	81-110	Cut in 1998, sale 002-98-01, buffer left along the marsh is pole white pine and black spruce.
20	6120 - Lowland Cedar	Poletimber Well	65.9	95	51-80	Same as 21, data from OI.
21	6120 - Lowland Cedar	Poletimber Well	51.8	84	51-80	Same as stand 20, data from OI.

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## Sault Ste. Marie Mgt. Unit

## Report 8 – Forested Stands

Compartment: 43  
Year of Entry: 2017

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
22	6121 - Tamarack	Poletimber Medium	17.2	44	51-80	OI comments say natural stand, not originating from harvest, data from OI.
23	4130 - Aspen	Sapling Well	26.0	3	Immature	Was a white spruce plantation with white pine, cut in 2011 to salvage from budworm, natural regen expected, sale 014-10, folder in C37, retention buffer on east side, new stand.
26	6122 - Black Spruce	Poletimber Poor	382.4	85	1-50	Marsh/swamp/containing the little Munuscong River along with scattered timber, too wet to cut.
27	4130 - Aspen	Poletimber Well	32.3	89	51-80	Island, no access
28	6131 - Hemlock, White Pine, Maple, Birch	Poletimber Well	51.2	85	51-80	Borders I-75, no access.
29	6121 - Tamarack	Poletimber Medium	24.4	94	1-50	Could even be non forested- low density trees, data from OI.
30	6128 - Lowland Coniferous, Mixed Deciduous	Sapling Poor	40.4	17	Immature	Borders I-75, cut in 1997, sale 004-97-01, scattered large and small white pine left, patches of A2 & B2 & L.
31	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	20.7	16	51-80	OPIC - FMD: Looks TWO AGED in many places, A3 /M3 under mature A and RM poles and large W. Spruce sawlogs, hold for ten years and let the A3 get merchantable, some Yellow birch. Three one acre clear cuts in 1998 within stand, Sale 45-21-98-01.
32	42201 - Natural White Pine, Mixed Deciduous	Poletimber Medium	17.3	100	1-50	Cut in 2009, sale 008-07-01, all species harvested except some white pine, some low quality white pine harvested, borders Gaines highway.
33	4319 - Mixed Upland Forest	Sapling Medium	150.5	5	Immature	Sale 008-07, cut in 2009 pine reserved, borders Gaines highway.
34	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	3.1	60	51-80	Small hardwood stand left out of sale from stand 23 harvest.
35	6122 - Black Spruce	Poletimber Well	130.0	85	51-80	Was three stands but one now with new standards, road through stand to pvt 40 in comp.
36	4139 - Aspen, Mixed Deciduous	Poletimber Well	19.7	45	1-50	Most of stand looks its age but there must have been some aspen sawlogs left to grow big and old., much regen is still A, B, and M. Looks two aged, Borders Gaines Hwy.
37	6122 - Black Spruce	Sapling Medium	16.0	24	Immature	Cut in 1991, sale 45-009-87-01, regen looks pretty good, low and wet.
39	4119 - Mixed Northern Hardwoods	Poletimber Well	9.5	54	81-110	Borders Gaines Highway, and Snow trail, no treatment recommended, next YOE maybe a firewood sale to remove poor quality maple.

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Sault Ste. Marie Mgt. Unit

## Report 8 – Forested Stands

Compartment: 43  
Year of Entry: 2017

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
40	4130 - Aspen	Sapling Well	29.8	17	1-50	Cut in 1998, sale 45-002-98-01, regenerating nicely, Oak and maple poles left uncut along Gaines Highway.
41	4130 - Aspen	Sapling Well	17.7	17	Immature	Cut in 1998, sale 002-98-01, borders snow trail.
42	42110 - Planted Red Pine	Poletimber Well	39.1	54	111-140	Row thinned 1988, thinned to 120 BA in 2007, sale 010-07-01, borders Gaines Highway, snow trail and has ORV route.
43	4319 - Mixed Upland Forest	Poletimber Well	35.4	85	81-110	
44	6122 - Black Spruce	Sapling Medium	18.2	22	Immature	Cut in 1993, sale 45-009-87-01
46	4130 - Aspen	Sapling Well	2.6	16	Immature	Cut in 1998, sale 007-97-01, some oak reserved.



Stand	Cover Type	Acres	Managed Site	General Comments:
2	623 - Emergent Wetland	19.1	No	Borders snow trail, pretty much connected to C42 across Old Mac Trail.
15	310 - Herbaceous Openland	10.1	No	Borders Gaines Highway, site was an old sawmill, has been entered in SHPO, much public use and abuse here, shooting range and garbage dump site, consider road closure.
18	623 - Emergent Wetland	241.6	No	Borders I-75
19	6229 - Mixed lowland shrub	164.7	No	Headwaters of the Little Munuscong River, source extends into Comp 41, main river channel is stand 26, borders snow trail.
24	6229 - Mixed lowland shrub	217.2	No	Borders I-75
25	623 - Emergent Wetland	196.1	No	Borders snow trail
38	6225 - Bog	49.6	No	
45	3303 - Mixed Low Density Trees	4.1	No	Opening along I-75 in stand 28.