



# Compartment Review Presentation

Sault Ste. Marie Forest Management Unit

Compartment 45039

Entry Year 2024

Acreage: 2,623

County Chippewa

Management Area:

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**Stand Examiner:** Kenny Fanelli

## Legal Description:

Pickford and Kinross Townships  
T44N R1W Sec 6, 7, 8  
T44N R2W Sec 1, 12  
T45N R1W Sec 31  
T45N R2W Sec 35, 36

## Identified Planning Goals:

Management during this year of entry will continue to focus on mature black spruce stands throughout the compartment. Many of the spruce ridges and islands are overmature but very difficult access, especially in the far west makes the likelihood of harvesting all of it prior to secession unlikely. Many stands have a declining overstory of black spruce with a dense understory of younger spruce.

## Soil and topography:

Relatively flat, this compartment is primarily lowland softwood and marsh rising to upland in the northeast. Black spruce islands give away the presence of Pence-Kalkaska sands while the marshes are of the Markie-Dawson mucks.

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

Chippewa County airport has most of the ownership bounding the east side, large landowners are on the west and south, virtually land locking much of that area. Land use is hunting, blue berry picking and trash dumping.

## Unique Natural Features:

Eagle nests exist in the northern half of the compartment. The MNFI database is consulted before any management activity exists.

## Archeological, Historical, and Cultural Features:

None known.

## Special Management Designations or Considerations:

None.

## Watershed and Fisheries Considerations:

This compartment is in the Munuscong River watershed, near Kincheloe. The compartment contains the headwaters to an unnamed tributary to the Munuscong River, as well as part of a small pond. The prescribed treatments are appropriate for the protection of these waterbodies.

## Wildlife Habitat Considerations:

This compartment is in the Kinross Bog Management Area where featured wildlife species include American bittern, black bear, beaver, and snowshoe hare. It is dominated by lowland stands. Black spruce is dominant in many forested stands. Other common species include red maple, tamarack, jack pine, aspen, and birch. There are also larger bog areas where leatherleaf and other bog species are prevalent. Wildlife objectives here include encouraging age class diversity between lowland conifer stands, maintaining species diversity within stands, and protecting the bog and other wetland habitats. Retention in treated lowland conifer stands will include species representative of the stands. Oak will generally be left where present to encourage hard mast production. A limited amount of oak will be harvested in two stands to encourage oak regeneration and recruitment in those stands. Wetlands and waterbodies will be buffered appropriately to maintain the bog and nearby habitat. Rare species will be protected. Species benefitting from this management will include snowshoe hare, black bear, fisher, marten, bobcat, and a number of birds.

## Mineral Resource and Development Concerns and/or Restrictions

No known potential exists for commercial oil & gas production in this part of the state, and there is no known metallic mineral potential in this area. Multiple active sand & gravel pits occur within three miles east of the compartment including the State-owned Kinross AFB Pit, which is currently leased to Payne & Dolan. Due to wetlands, potential for sand & gravel development within the compartment appears limited.

**Vehicle Access:**

Generally good access to the areas worth accessing. A good dirt road called the Perimeter road extends the entire length of the east side linking between Kalio Rd and M-129 via 20 Mile Rd. The south part can be accessed from Pealine Rd. The west and north-central portion is landlocked with black spruce islands and marshes.

**Survey Needs:**

Surveys are needed in 44N 1W sections 6 and 8. There is the potential for surveys to be needed in 44N 2W Sections 1 and 12 if the decision to treat stands further into the western half of the compartment is made.

**Recreational Facilities and Opportunities:**

The Perimeter Road is a snowmobile trail. Hunting and berry picking are likely the most common activities.

**Fire Protection:**

Some fire potential exists on the east end of the compartment. It is generally dry with a few pine plantations and some jack pine. The west end is very wet.

**Additional Compartment Information:****The following reports from the Inventory are attached:**

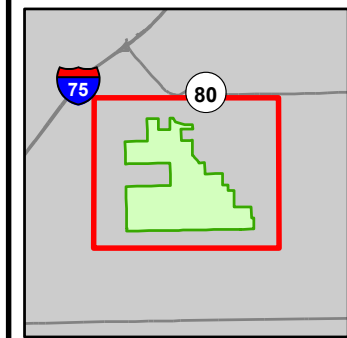
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

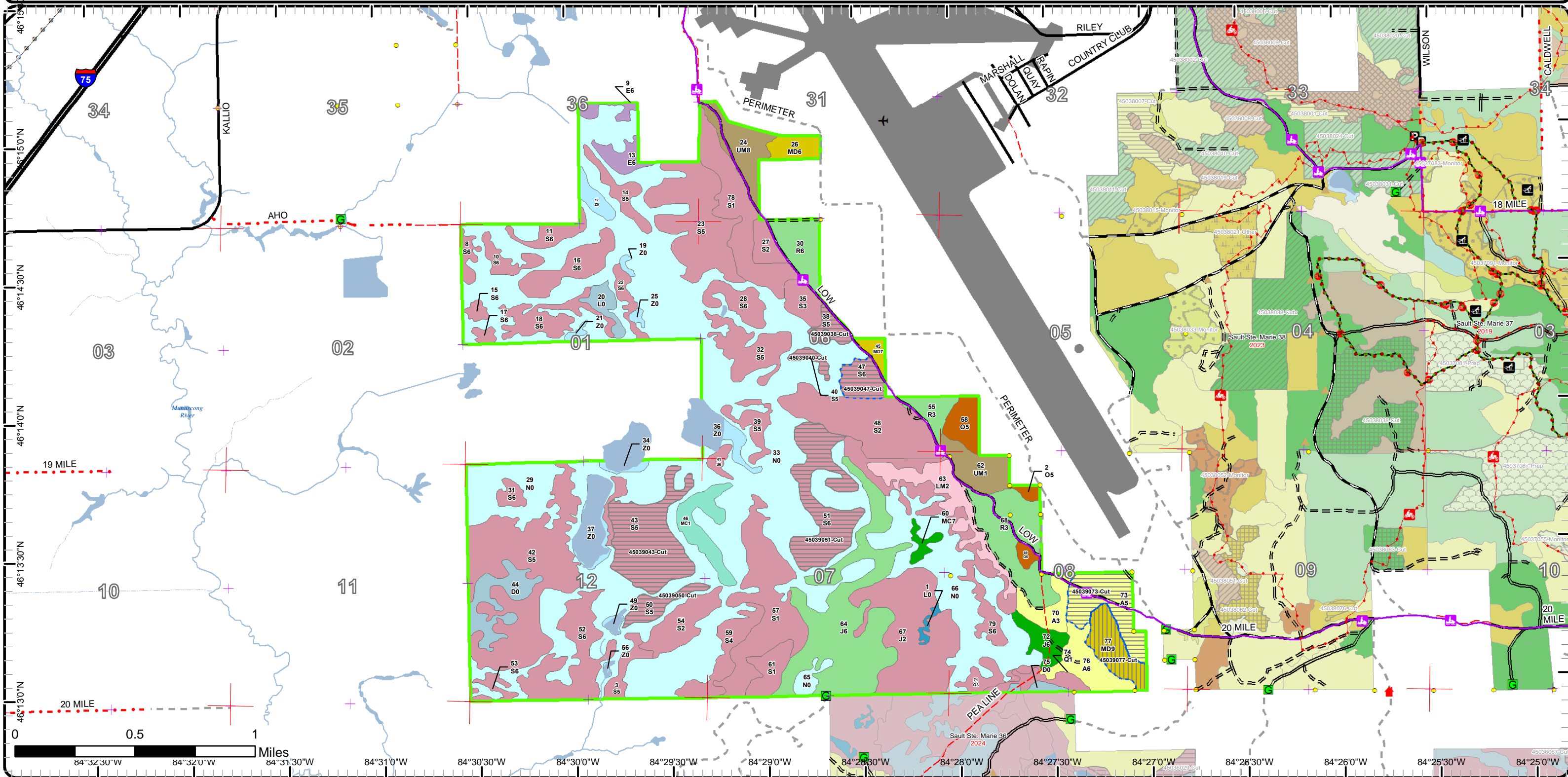
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

# Cover Type & Treatments Map

Compartment: 39  
 T45N, R02W, Sec: 36  
 T45N, R01W, Sec: 31  
 County: Chippewa  
 Unit: Sault Ste. Marie  
 Mgmt Area:  
 YOE: 2024  
 Acres: 2622.8 GIS Calculated  
 Examiner: Kenny Fanelli  
 Map Revised: 1/13/2023  
 Map Phase: Post Review

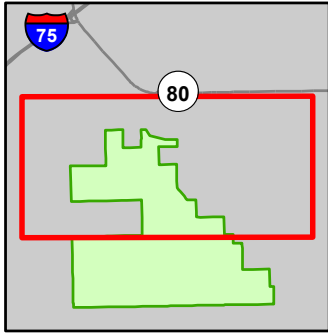


- Miris Corners
- Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Paved Road
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- Airports
- Compartment Boundary
- Treatments with Site Conditions
- Clearcut (w/Reserves)
- Shelter Wood (w/Reserves)
- 412 - Oak Types
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- 629 - Mixed Non-forested Wetland

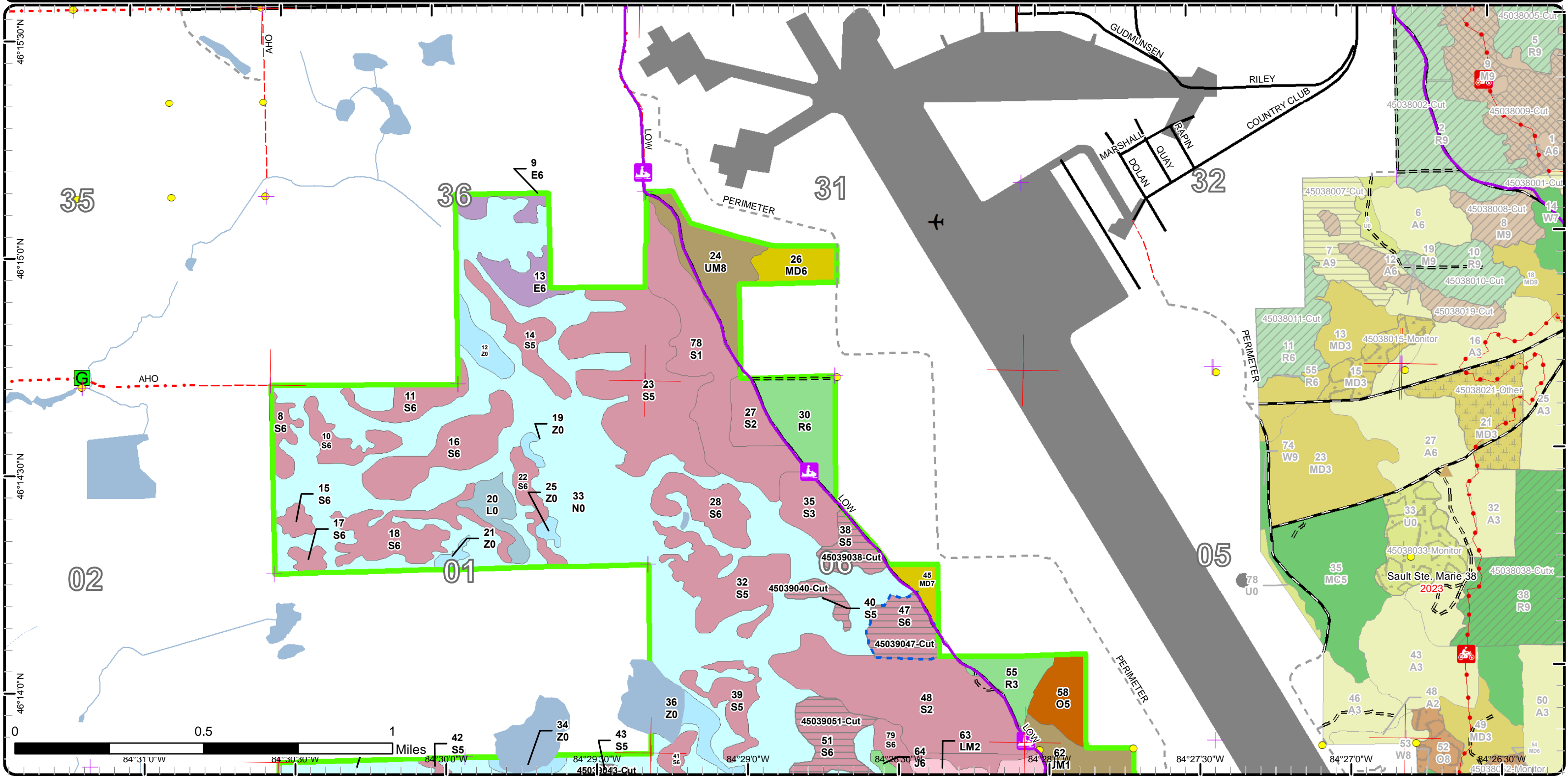


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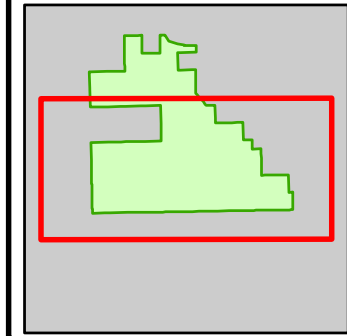


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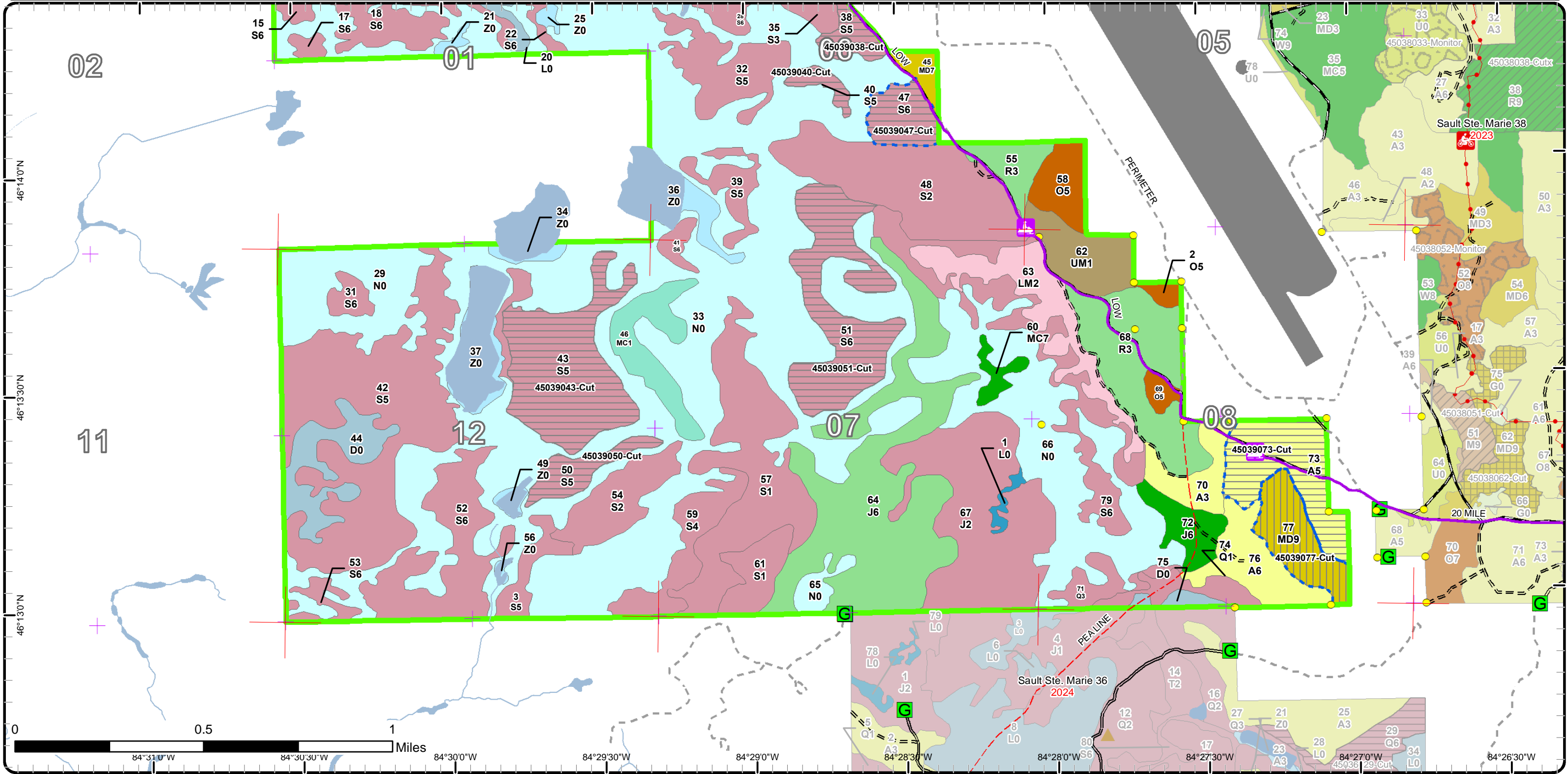


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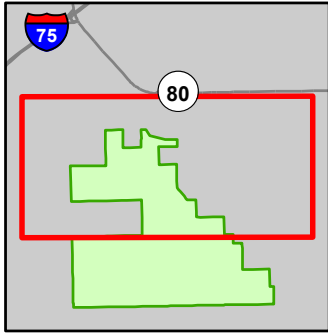


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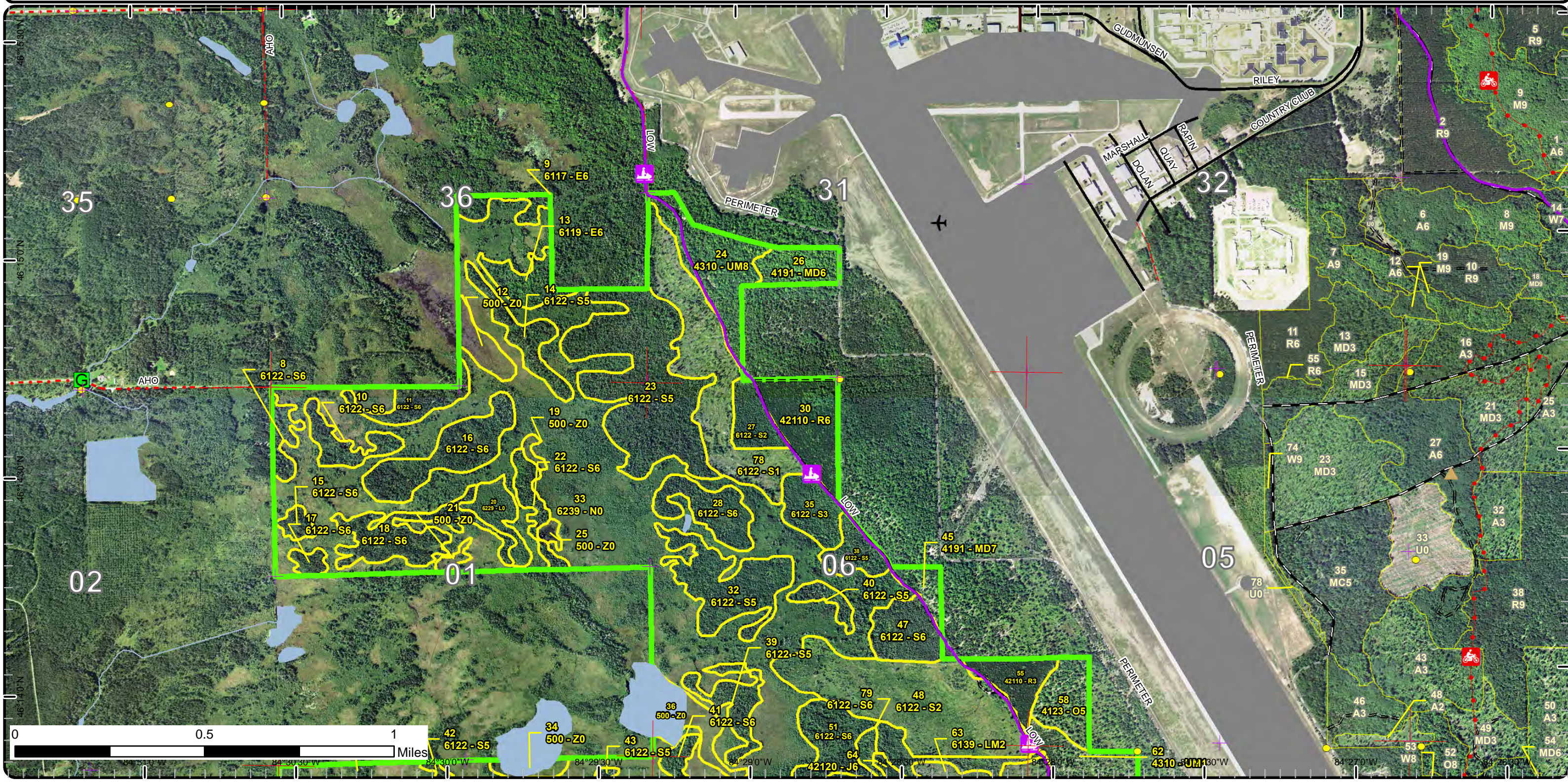


# Stand Boundary Map

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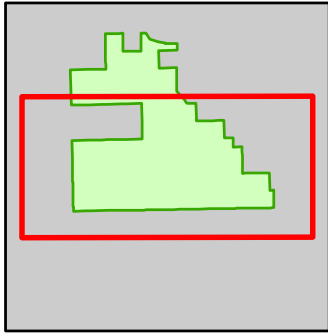


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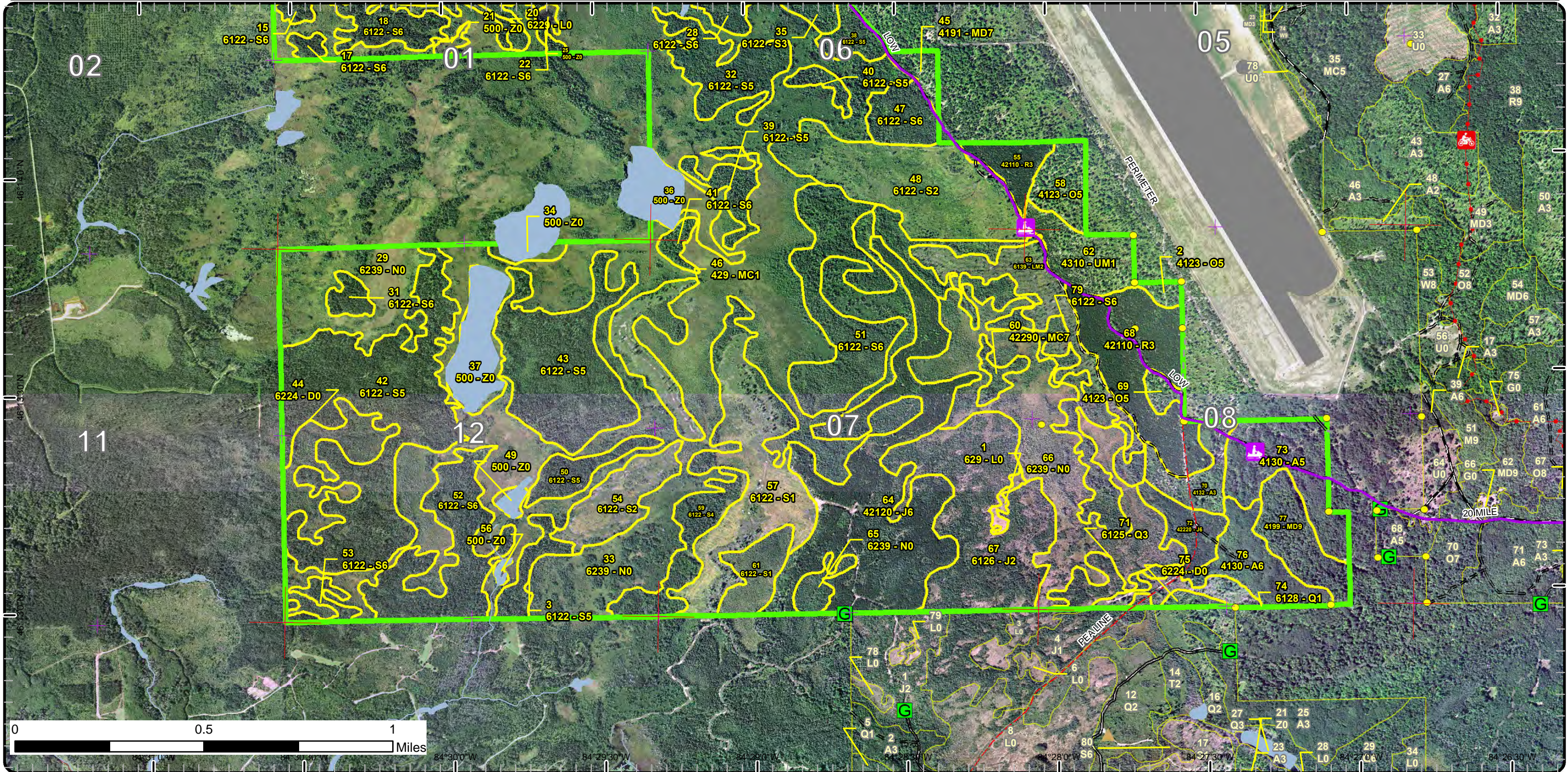


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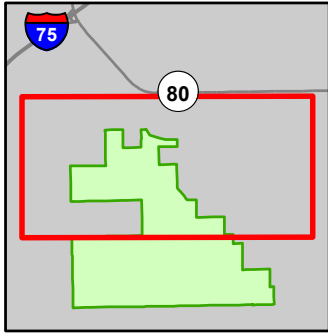


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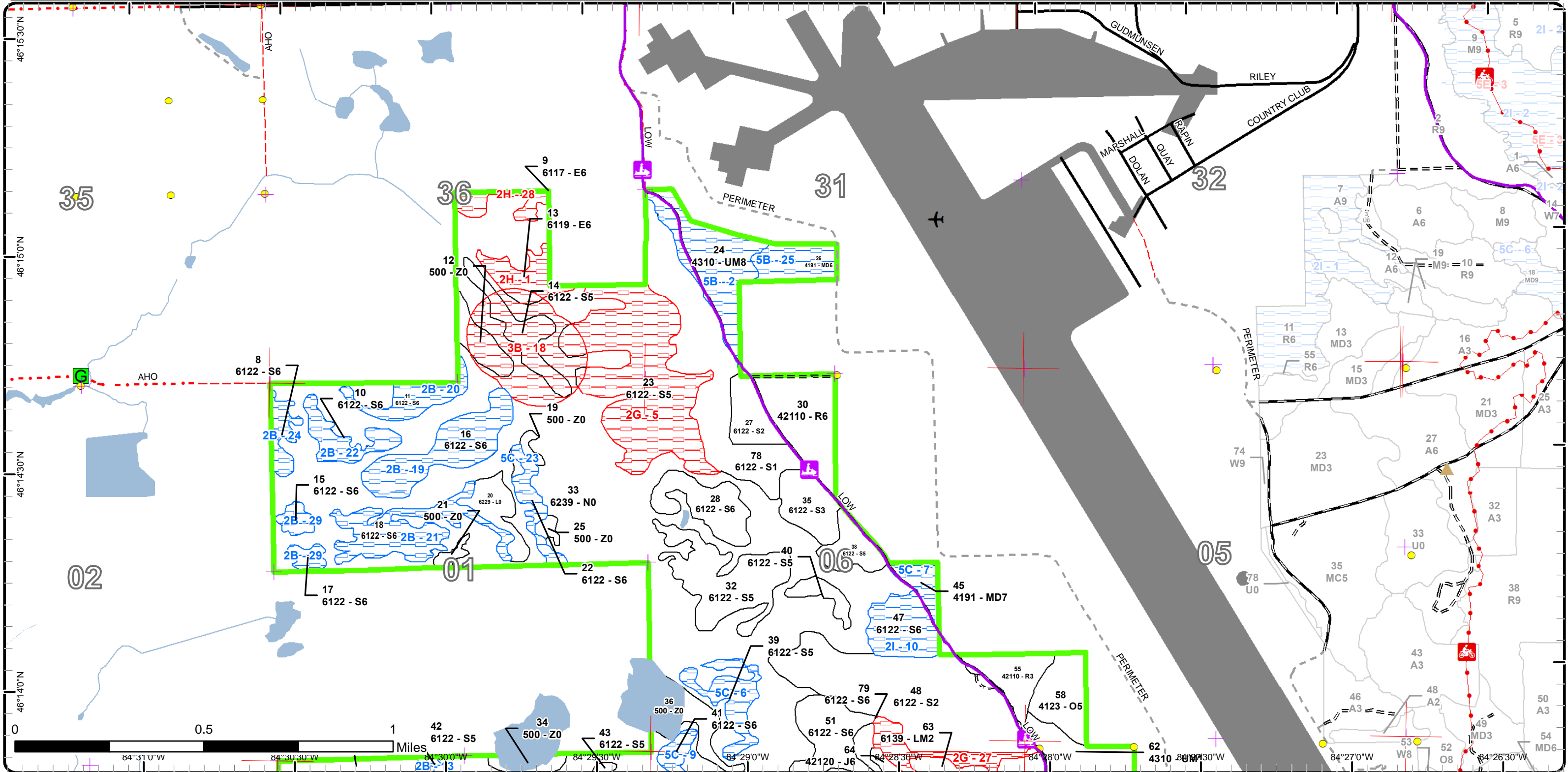


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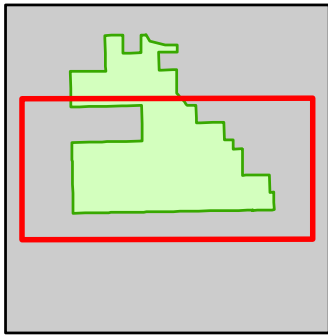
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- Compartment Boundary
- Available w/ Constraints
- 2I: Survey needed
- 5B: Maintain for regeneration purposes
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- Unavailable
- 2G: Too wet (sensitive soils, does not include access issues)
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- Stand Boundaries



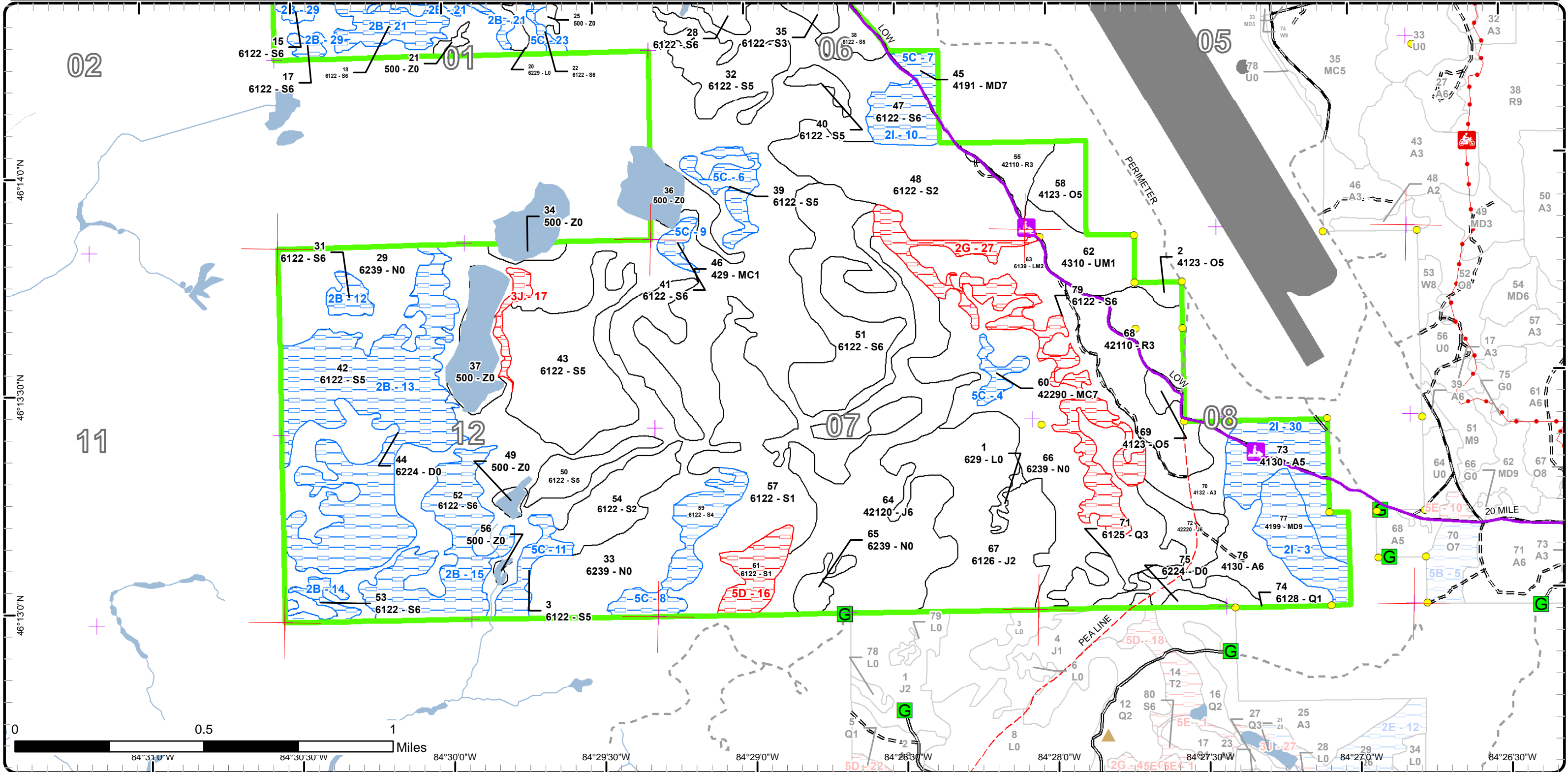


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- Compartment Boundary
- Available w/ Constraints
- 2I: Survey needed
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- Unavailable
- 2G: Too wet (sensitive soils, does not include access issues)
- Stand Boundaries
- 3J: Water quality / BMPs (stream, river, or lake)
- 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	0	0	18	28	0	0	0	0	0	0	0	0	0	0	0	0	41	87
Jack Pine	0	0	0	0	126	105	0	0	0	0	0	0	0	0	0	0	0	0	231
Lowland Conifers	0	12	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	24
Lowland Deciduous	0	0	0	0	0	0	0	18	0	0	0	0	0	0	0	0	0	0	18
Lowland Mixed Forest	0	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37
Lowland Shrub	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13
Lowland Spruce/Fir	0	55	176	0	26	0	50	0	0	27	490	134	17	13	0	0	0	0	988
Marsh	866	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	866
Mixed Upland Deciduous	0	0	0	0	0	0	0	0	0	0	0	13	26	0	7	0	0	0	46
Natural Mixed Pines	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	6
Oak	0	0	0	0	0	0	9	17	0	0	0	0	0	0	0	0	0	0	26
Red Pine	0	0	0	99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	99
Treed Bog	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32
Upland Conifers	0	0	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26
Upland Mixed Forest	0	0	0	26	0	0	0	0	0	0	31	0	0	0	0	0	0	0	57
Water	66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66
<b>Total</b>	<b>977</b>	<b>104</b>	<b>202</b>	<b>143</b>	<b>180</b>	<b>117</b>	<b>50</b>	<b>9</b>	<b>35</b>	<b>27</b>	<b>490</b>	<b>178</b>	<b>49</b>	<b>13</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>41</b>	<b>2622</b>



## Report 2 – Treatment Summary

Sault Ste. Marie Mgt. Unit  
Year of Entry: 2024

Acres of Harvest

Compartment 39  
Total Compartment Acres: 2,623

Commercial Harvest - 155  
Harvests with Site Condition - 84  
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	41	0	0	0	0	0	0	0	0	41
Lowland Spruce/Fir	172	0	0	0	0	0	0	0	0	172
Mixed Upland Deciduous	0	0	0	0	26	0	0	0	0	26
<b>Total</b>	<b>213</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>26</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>240</b>

### Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	240	0	0	0	0	0	0	0	0	240
Next Step	0	0	0	0	0	240	0	0	0	240
<b>Total</b>	<b>240</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>240</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>479</b>



Stand Name	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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**Approved Treatments:**

<b>38</b>	<b>45039038-Cut</b>	10.3	6122 - Black Spruce	Poletimber Medium	86	81-110	Harvest	Clearcut	6122 - Black Spruce	Even-Aged	No
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Prescription Specs: Cut all species that are 2" and up at DBH. No retention due to size but leave white pine over 22". Final acreage may change from original prescription due to wet ground conditions.

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

Acceptable Regen: Moderate to fully stocked black spruce along with balsam fir, tamarack, white pine, red maple, aspen, or white pine

Other Comment: Winter/dry harvest only.

Site Condition

Proposed Start Date: 10/1 /2023

<b>40</b>	<b>45039040-Cut</b>	5.5	6122 - Black Spruce	Poletimber Medium	96	51-80	Harvest	Clearcut	6122 - Black Spruce	Even-Aged	No
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Prescription Specs: Clear cut all species which are 2" and up at DBH. No retention is needed due to size but leave any white pine. Freeze a skid trail from either stand 38 or 47. Final acreage may vary from original prescription due to wet ground conditions.

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

Acceptable Regen: Moderate to fully stocked black spruce with a mix of other lowland species.

Other Comment: Winter harvest

Site Condition

Proposed Start Date: 10/1 /2023

<b>43</b>	<b>45039043-Cut</b>	66.3	6122 - Black Spruce	Poletimber Medium	92	51-80	Harvest	Clearcut with Retention	6122 - Black Spruce	Even-Aged	No
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Prescription Specs: Clearcut all trees which are 2" and up at DBH. Leave white pine. Place retention along the wetland on the west end and in interior patches. Actual acreage may vary from original prescription due to wet ground and poor volume in areas.

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

Acceptable Regen: Moderate to fully stocked black spruce, white pine, tamarack, red maple, birch, and aspen.

Other Comment: Will have a short wetland/drainage crossing from stand 46. Winter only.

Site Condition

Proposed Start Date: 10/1 /2023



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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<b>47</b>	<b>45039047-Cut</b>	17.0	6122 - Black Spruce	Poletimber Well	86	81-110	Harvest	Clearcut with Retention	6122 - Black Spruce	Even-Aged	No
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Prescription Cut all species which are 2" and up at DBH, Leave all white and red pine and retain representative species along the red line. Final acreage may change due to wet ground conditions.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Regen: Moderate to fully stocked black spruce along with balsam fir, tamarack, red maple, birch, aspen, or pine.

Other Comment:

Upland along the trail has red and white pine mixed in but gets wet to the west. Wet/dry harvest only.

Site Condition Survey Needed

Proposed Start Date: 10/1 /2023

<b>50</b>	<b>45039050-Cut</b>	13.6	6122 - Black Spruce	Poletimber Medium	92	51-80	Harvest	Clearcut with Retention	6122 - Black Spruce	Even-Aged	No
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Prescription Clearcut all trees which are 2" and up at DBH. Leave white pine. Place retention on the west end near stand 49. Actual acreage may vary from original prescription due to wet ground and poor volume in areas.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Regen: Moderate to fully stocked black spruce, tamarack, birch, maple, aspen, and balsam fir.

Other Comment:

Will require a short wetland crossing.

Site Condition

Proposed Start Date: 10/1 /2023

<b>51</b>	<b>45039051-Cut</b>	59.5	6122 - Black Spruce	Poletimber Well	92	51-80	Harvest	Clearcut with Retention	6122 - Black Spruce	Even-Aged	No
-----------	---------------------	------	---------------------	-----------------	----	-------	---------	-------------------------	---------------------	-----------	----

Prescription Clear cut all trees which are two inches and up at DBH. Retain 3-10% of the stand in interior patches and along the red line. Final acreage may change from original prescription due to wet ground and lack of volume. Winter harvest due to wet ground conditons.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Regen: Moderate to fully stocked black spruce, tamarack, red maple, birch, aspen, and pine.

Other Comment:

Crossing needed from stand 64.

Site Condition

Proposed Start Date: 10/1 /2023

<b>73</b>	<b>45039073-Cut</b>	40.9	4130 - Aspen	Poletimber Medium	61	81-110	Harvest	Clearcut with Retention	4131 - Aspen, Oak	Even-Aged	No
-----------	---------------------	------	--------------	-------------------	----	--------	---------	-------------------------	-------------------	-----------	----

Prescription Clear cut all species which are 2". Leave some scattered large oak and pine with small patches of aspen equal to the minimum retention requirements.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Regen: Moderate to fully stocked aspen, red pine, white pine, oak, balsam fir, and other upland species.

Other Comment:

Other Comment:

Site Condition Survey Needed

Proposed Start Date: 10/1 /2023



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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77	45039077-Cut	26.4	4199 - Other Mixed Upland Deciduous	Sawtimber Well	117	81-110	Harvest	Shelterwood	411 - Northern Hardwood	Two-Aged	No
----	--------------	------	-------------------------------------	----------------	-----	--------	---------	-------------	-------------------------	----------	----

Prescription Mark the stand to 30 basal area to promote growth of the existing understory and spur on growth of new seedlings. Promote biodiversity by leaving equal amounts of sugar maple and red oak.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Regen: Moderate to fully stocked sugar maple, red maple, red oak, birch, and aspen.

Other Comment: For regeneration purposes there will be no long term retention in the stand. Over story trees will be retained in the short term but may be removed when adequate regeneration exists in the understory.

Site Condition Survey Needed

Proposed Start Date: 10/1 /2023

**Total Treatment Acreage Proposed: 239.5**

## Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Kenny Fanelli : Examiner

Compartment: 39

Year of Entry: 2024

### Availability for Management

Total Acres	Acres Available	Acres Avail		Acres Not Available	Dominant Site Conditions	Dominant Site Conditions											
		With Condition				2B	2I	5B	5C	2G	2H	3B	3J	5D			
86	46	41		0	Aspen		41										
232	232	0		0	Jack Pine												
24	24	0		0	Lowland Conifers												
18	0	0		18	Lowland Deciduous						17	2					
37	37	0		0	Lowland Mixed Forest												
13	13	0		0	Lowland Shrub	0											
989	465	363		161	Lowland Spruce/Fir	283	17		63	123		15	6	17			
866	843	0		23	Marsh	0			0			23					
46	0	46		0	Mixed Upland Deciduous		26	13	7								
6	0	6		0	Natural Mixed Pines				6								
25	25	0		0	Oak												
99	99	0		0	Red Pine												
32	32	0		0	Treed Bog	0											
26	26	0		0	Upland Conifers												
57	26	31		0	Upland Mixed Forest			31									
66	59	0		6	Water				0			6					
2,623	1,927	487		208	Total Forested Acres	283	84	44	76	123	17	46	6	17			
	73%	19%		8%	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	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	10	2E: Road needed	2B: Unknown if access through adjacent landowner(s) is possible	Unspecified	Unspecified
<b>Comments:</b>							

## Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Kenny Fanelli : Examiner

Compartment: 39

Year of Entry: 2024

2	<b>Available</b>	<b>5B: Maintain for regeneration purposes</b>	31	5C: Delay treatment for age/size class diversity or exceptional site quality	Unspecified	Unspecified	Unspecified
<b>Comments:</b> New aquisition, was treated by previous landowner, delay treatment to protect regen.							
3	<b>Available</b>	<b>2I: Survey needed</b>	26	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> A survey of the Roger Kamper Estate Tract which was acquired in 2009 is needed.							
4	<b>Available</b>	<b>5C: Delay treatment for age/size class diversity or exceptional site quality</b>	6	2E: Road needed	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Too small also, island in the swamp.							
5	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	69	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
6	<b>Available</b>	<b>5C: Delay treatment for age/size class diversity or exceptional site quality</b>	13	2E: Road needed	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Small stand would require over a wetland crossing over 500'. Not worth the effort.							
7	<b>Available</b>	<b>5C: Delay treatment for age/size class diversity or exceptional site quality</b>	7	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							



## Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Kenny Fanelli : Examiner

Compartment: 39

Year of Entry: 2024

8	<b>Available</b>	<b>5C: Delay treatment for age/size class diversity or exceptional site quality</b>	25	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Adjacent stand on contract, hold until next YOE to insure regen of treated stand.							
9	<b>Available</b>	<b>5C: Delay treatment for age/size class diversity or exceptional site quality</b>	5	2E: Road needed	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Small island with not much volume. Leave for diversity.							
10	<b>Available</b>	<b>2I: Survey needed</b>	17	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
11	<b>Available</b>	<b>5C: Delay treatment for age/size class diversity or exceptional site quality</b>	11	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
12	<b>Available</b>	<b>2B: Unknown if access through adjacent landowner(s) is possible</b>	7	2E: Road needed	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Too small also, island in the swamp.							
13	<b>Available</b>	<b>2B: Unknown if access through adjacent landowner(s) is possible</b>	129	2I: Survey needed	5C: Delay treatment for age/size class diversity or exceptional site quality	2E: Road needed	Unspecified
<b>Comments:</b> Hold until next YOE, then try for access.							

## Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Kenny Fanelli : Examiner

Compartment: 39

Year of Entry: 2024

14	Available	2B: Unknown if access through adjacent landowner(s) is possible	7	2E: Road needed	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Too small also, island in the swamp against pvt land, hold for diversity.							
15	Available	2B: Unknown if access through adjacent landowner(s) is possible	51	5C: Delay treatment for age/size class diversity or exceptional site quality	2E: Road needed	Unspecified	Unspecified
<b>Comments:</b>							
16	Unavailable	5D: Unproductive Forest Land	17	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
17	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	6	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
18	Unavailable	3B: Threatened, endangered, and special concern species	46	1A: Federal/State/Local Law	3L: Other wildlife concerns	2G: Too wet (sensitive soils, does not include access issues)	Unspecified
<b>Comments:</b> See locked or sensitive comments, or MNFI.							
19	Available	2B: Unknown if access through adjacent landowner(s) is possible	27	2E: Road needed	5C: Delay treatment for age/size class diversity or exceptional site quality	Unspecified	Unspecified
<b>Comments:</b> A lot of work is needed to access this stand. Check easement for management access. Multiple roads would need to be frozen in or built.							

## Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Kenny Fanelli : Examiner

Compartment: 39

Year of Entry: 2024

20	<b>Available</b>	<b>2B: Unknown if access through adjacent landowner(s) is possible</b>	12	2I: Survey needed	5C: Delay treatment for age/size class diversity or exceptional site quality	2E: Road needed	Unspecified
<b>Comments:</b> A lot of work is needed to access this stand. Check easement for management access.							
21	<b>Available</b>	<b>2B: Unknown if access through adjacent landowner(s) is possible</b>	26	2E: Road needed	5C: Delay treatment for age/size class diversity or exceptional site quality	Unspecified	Unspecified
<b>Comments:</b> A lot of work is needed to access this stand. Check easement for management access. Multiple roads would need to be frozen in or built.							
22	<b>Available</b>	<b>2B: Unknown if access through adjacent landowner(s) is possible</b>	11	2E: Road needed	5C: Delay treatment for age/size class diversity or exceptional site quality	Unspecified	Unspecified
<b>Comments:</b> A lot of work is needed to access this stand. Check easement for management access.							
23	<b>Available</b>	<b>5C: Delay treatment for age/size class diversity or exceptional site quality</b>	8	2B: Unknown if access through adjacent landowner(s) is possible	2E: Road needed	Unspecified	Unspecified
<b>Comments:</b> Too samll also, island in the swamp. A lot of work is needed to access this stand. Check easement for management access. Multiple roads would need to be frozen in or built.							
24	<b>Available</b>	<b>2B: Unknown if access through adjacent landowner(s) is possible</b>	7	2E: Road needed	5C: Delay treatment for age/size class diversity or exceptional site quality	Unspecified	Unspecified
<b>Comments:</b> A lot of work is needed to access this stand. Check easement for management access.							

## Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Kenny Fanelli : Examiner

Compartment: 39

Year of Entry: 2024

25	<b>Available</b>	<b>5B: Maintain for regeneration purposes</b>	13	5C: Delay treatment for age/size class diversity or exceptional site quality	2I: Survey needed	Unspecified	Unspecified
<b>Comments:</b>							
27	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	54	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Uncut portion of the stand that was too wet to harvest. Will serve as retention.							
28	<b>Unavailable</b>	<b>2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)</b>	7	2B: Unknown if access through adjacent landowner(s) is possible	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
29	<b>Available</b>	<b>2B: Unknown if access through adjacent landowner(s) is possible</b>	7	2E: Road needed	Unspecified	Unspecified	Unspecified
<b>Comments:</b> A lot of work is needed to access this stand. Check easement for management access.							
30	<b>Available</b>	<b>2I: Survey needed</b>	41	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> A survey of the Roger Kamper Estate Tract which was acquired in 2009 is needed.							

Mgt. Unit

Compartment: #Type!

Year of Entry:



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

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
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Comments

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Mgt. Unit

Compartment:

Year of Entry



### 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
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																				
1	629 - Mixed non-forested wetland	Nonstocked	2.9	0		No	Marsh within a jack pine stand.																																				
2	4123 - Red Oak	Poletimber Medium	3.8	61	1-50	N/A	Small oak stand with scattered openings.																																				
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Jack Pine</td> <td>15</td> <td>Sapling</td> <td>4</td> <td>22</td> </tr> <tr> <td>Red Oak</td> <td>80</td> <td>Pole</td> <td>8</td> <td>61</td> </tr> <tr> <td>Red Maple</td> <td>5</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Jack Pine	15	Sapling	4	22	Red Oak	80	Pole	8	61	Red Maple	5	Pole/Sapling	5																	
Canopy Species	% Cover	Size Class	DBH	Age																																							
Jack Pine	15	Sapling	4	22																																							
Red Oak	80	Pole	8	61																																							
Red Maple	5	Pole/Sapling	5																																								
3	6122 - Black Spruce	Poletimber Medium	11.4	96	51-80	N/A	This stand was not harvested along with stand 54. Mature black spruce, similar to every other spruce stand in this compartment.																																				
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Tamarack	10	Pole	7																																								
Black Spruce	90	Pole	6	96																																							
8	6122 - Black Spruce	Poletimber Well	6.8	97	Unspecified	N/A	Access from private only.																																				
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Black Spruce	90	Pole	6	97	Black Spruce	Low	Variable	Sapling																																			
9	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Well	6.8	77		N/A	No roads, no access, data copied from OI.																																				
10	6122 - Black Spruce	Poletimber Well	10.8	96		N/A	Island with no access at this time. Was previously inventoried as a mixed coniferous lowland forest. Now looks like spruce.																																				
11	6122 - Black Spruce	Poletimber Well	11.9	97		N/A	No roads, no access, data copied from OI stand 5.																																				
12	500 - Water	Nonstocked	8.8			No																																					
13	6119 - Mixed Lowland Deciduous Forest	Poletimber Well	11.4	77		N/A	No roads, no access, data copied from OI stand 2.																																				
14	6122 - Black Spruce	Poletimber Medium	13.8	99	51-80	N/A	Island/ridge of spruce with no access.																																				
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Red Maple	5	Log	14																																								
Black Spruce	90	Pole	8	99																																							
15	6122 - Black Spruce	Poletimber Well	3.8	91		N/A	Currently no access to this stand. Was previously inventoried as a mixed coniferous lowland forest. Now it looks like spruce. Very similar to all the other spruce islands in this compartment.																																				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																		
16	6122 - Black Spruce	Poletimber Well	26.9	101		N/A	No access to this island. Was previously a mixed lowland deciduous forest but looks like mostly spruce. Data copied from OI stand 7 & 8.																																		
17	6122 - Black Spruce	Poletimber Well	3.4	91		N/A	No access to this island. Was previously inventoried as a mixed coniferous lowland forest. Now it looks like mostly just spruce.																																		
18	6122 - Black Spruce	Poletimber Well	25.6	91		N/A	Stand is likely similar to the other spruce islands in this compartment. No known access at this time.  Data copied form OI stand 14.																																		
19	500 - Water	Nonstocked	1.7			No																																			
20	6229 - Mixed lowland shrub	Nonstocked	10.4			No																																			
21	500 - Water	Nonstocked	2.1			No																																			
22	6122 - Black Spruce	Poletimber Well	9.0	101		N/A	Spruce ridge is likely similar to other spruce islands in this compartment. There is no access through the wetlands.  Data copied from OI stand 13.																																		
23	6122 - Black Spruce	Poletimber Medium	72.7	100		N/A	This portion of the stand was left uncut when the east end was harvested. The ground is wetter and the timber quality is low.																																		
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24	4310 - Pine, Oak Mix	Sawtimber Medium	31.0	104	51-80	N/A	Two aged stand with mature white pine and middle aged aspen growing in the openings around it.  New acquisition 2010. The aspen along with most of the maple and was harvested prior to acquisition.																																		
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																															
26	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	13.1	104	81-110	N/A	2024 Notes: Rough looking maple/oak/pine stand. It was probably cut around the same time as the stand to the south but had a lot more overstory left. There is a decent understory of maple/oak/pine/fir. BA around 80.  2014 Notes: This stand was cut before acquisition, mostly high graded of maple, oak, and pine logs, and all aspen. BA is around 60 on avg, and understory is thick with aspen and red maple seedlings, leave for twenty years.  New acquisition in 2010.																																															
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27	6122 - Black Spruce	Sapling Medium	11.4	38	1-50	N/A	Black spruce and tamarack. Canopy gaps throughout.																																															
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28	6122 - Black Spruce	Poletimber Well	17.7	53	51-80	N/A	2024 Notes: Field inventory, was previously edge. Looks a lot like the island to the south but has a couple pockets of dead ash with low quality aspen.  2014 Notes: Looks wet, thick, and brushy, with tag alder, data copied from OI stand 15, seen from stand 23.																																															
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29	6239 - Mixed Emergent Wetland	Nonstocked	50.7			No	Marsh with some small spruce islands.																																															
30	42110 - Planted Red Pine	Poletimber Well	26.7	24	Immature	N/A	Trees are 4-5 inches, many trees have 1 or 2 sticks																																															
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31	6122 - Black Spruce	Poletimber Well	6.6	91		N/A	Island, no access, data copied from OI stand 41. Likely looks similar to stand 42.																																															
32	6122 - Black Spruce	Poletimber Medium	32.0	53	1-50	N/A	2024 Notes: Another typical island for this area. More tamarack though. The trees are slow growing based on age and size. 2014 Notes: Looks wet, thick, and brushy with tag alder, data copied from OI stand 16, seen from stand 37.																																															
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33	6239 - Mixed Emergent Wetland	Nonstocked	697.0			No	Large marsh with many large and small spruce islands. Some of which are large enough to be delineated. Some areas have thick tag alder but most is wide open marshland. Includes some narrow drains between forested islands.																																									
34	500 - Water	Nonstocked	5.8			No																																										
35	6122 - Black Spruce	Sapling Well	14.7	36	1-50	N/A	Black spruce with some tamarack.																																									
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38	6122 - Black Spruce	Poletimber Medium	10.3	86	81-110	N/A	2024 Notes: Black spruce that is ready to be cut. Decent amount of ice damaged trees. 2014 Notes: New acquisition 2010.																																									
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39	6122 - Black Spruce	Poletimber Medium	13.3	121	51-80	N/A	Spruce island. Trees are declining, won't be long until the subcanopy becomes dominant. Edge survey, circled the stand on snowmobile.																																									
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40	6122 - Black Spruce	Poletimber Medium	5.5	96	51-80	N/A	2024 Notes: Spruce Island/ridge with moderate stocking. Upland in the middle.  2014 Notes: Island, no access, data copied from OI stand 40, seen from stand 37.																																									
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41	6122 - Black Spruce	Poletimber Well	5.1	93	51-80	N/A	Typical spruce island.																																													
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42	6122 - Black Spruce	Poletimber Medium	129.3	92	51-80	N/A	Spruce stand. Similar damage to tree tops as seen in other spruce stands.																																													
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43	6122 - Black Spruce	Poletimber Medium	71.8	92	51-80	N/A	The south half of the stand is in rough shape. At least half of the trees have broken tops. Many have died. Tree quality and dbh is a little better on the north end.																																													
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44	6224 - Treed Bog	Nonstocked	27.7			No																																														
45	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Poor	6.9	133	1-50	N/A	Widely spaced oak and pine. A lot of the oak a short and stumpy. Lots of oak saplings New aquisition 2010.																																													
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46	429 - Mixed Upland Conifers	Sapling Poor	25.5	10	Immature	N/A	Switch this to an upland type stand because a majority of it is a high ridge but it does slope down into wet ground. On the ridge jack pine is regenerating well with some white pine and very few red pine. Some mature red and white pine still exist. On the lower parts of the stand black spruce and white pine are slowly regenerating.  45-007-08-01, access from stand 55																																													
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Black Spruce	38	Sapling	1	10																																																
47	6122 - Black Spruce	Poletimber Well	17.0	86	81-110	N/A	Black spruce stand with some red and white pine near the road.																																													
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48	6122 - Black Spruce	Sapling Medium	73.9	14	Immature	N/A	Regeneration is good. Black spruce and tamarack throughout. There is some large pine left and some young aspen regen along the road.																																															
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49	500 - Water	Nonstocked	3.2			No																																																
50	6122 - Black Spruce	Poletimber Medium	13.6	92	51-80	N/A	Poor quality spruce ridge. The trees are largely damaged, they look stunted, and what's left is small for how old it is.																																															
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51	6122 - Black Spruce	Poletimber Well	59.5	92	51-80	N/A	Black spruce island. Decent trees and BA in some areas but pretty poor in others. Trees are old and there's some ice damage.																																															
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52	6122 - Black Spruce	Poletimber Well	50.6	92		N/A	Spruce stand with similar issues seen in this area. Broken tops, mortality, and stunted trees.																																															
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53	6122 - Black Spruce	Poletimber Well	7.1	91	51-80	N/A	Small, narrow spruce island. It is similar to all the surrounding spruce islands. Data based on field surveys from stand 42 and 52.																																															
54	6122 - Black Spruce	Sapling Medium	26.2	10	Immature	N/A	Scattered black spruce with tamarack and lower amounts of deciduous species. The south half of the stand was not harvested.																																															
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55	42110 - Planted Red Pine	Sapling Well	13.8	24	Immature	N/A	Red pine looks good. Some small canopy gaps.																																															
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments			
56	500 - Water	Nonstocked	1.2			No				
57	6122 - Black Spruce	Sapling Poor	76.3	10	Immature	N/A	Spruce, tamarack, red maple, and birch coming in after the clear cut. Some aspen here and there. Regeneration is even spread but not dense.			
		<b>Canopy Species</b>	<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
		Red Maple	10	Sapling	1		Tag Alder	Low	5 - 10 feet	Tall Shrub
		Quaking Aspen	5	Sapling	1		Common Cattail	Low	Unspecified	Non-Wood
		Tamarack	15	Sapling	1					
		Paper Birch	10	Sapling	1					
		Black Spruce	60	Sapling	1	10				
58	4123 - Red Oak	Poletimber Medium	16.8	71	1-50	N/A	This is an open oak stand with Jack pine, oak, and white pine trying to come in underneath. Probably 50% overstory cover.			
		<b>Canopy Species</b>	<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
		Red Oak	90	Pole/Log	9	71	Red Oak	Low	Variable	Sapling
		White Pine	10	Log/Pole	10		Jack Pine	Medium	5 - 10 feet	Sapling
							White Pine	Low	Variable	Sapling
59	6122 - Black Spruce	Poletimber Poor	25.1	107	1-50	N/A	Sparse black spruce canopy with a lot of spruce coming up underneath it.			
		<b>Canopy Species</b>	<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
		Black Spruce	90	Pole	6	107	Black Spruce	High	Variable	Sapling
		Tamarack	10	Pole	7		Paper Birch	Low	10 - 20 feet	Sapling
60	42290 - Natural Mixed Pine	Sawtimber Poor	6.0	113	1-50	N/A	Much of the overstory spruce has died. Mostly red and white pine left but not well stocked. The understory story is very, very dense with spruce.			
		<b>Canopy Species</b>	<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
		Red Pine	35	Log	16	113	Black Spruce	Full	10 - 20 feet	Sapling
		White Pine	30	Log	16					
		Black Spruce	35	Pole/Log	8					
61	6122 - Black Spruce	Sapling Poor	17.1	113	1-50	N/A	Previously inventoried as a treed bog but canopy closure is probably around 30%. Low quality, very wet spruce stand.			
		<b>Canopy Species</b>	<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
		Tamarack	5	Sapling	3		Tag Alder	Low	5 - 10 feet	Tall Shrub
		Black Spruce	95	Sapling/Pole	4	113	Black Spruce	Medium	Variable	Sapling
62	4310 - Pine, Oak Mix	Sapling Poor	25.6	22	Immature	N/A	Young Jack pine, not quite pole sized yet. Lots of natural canopy gaps throughout.  South east part is oak less than 5 acres.			
		<b>Canopy Species</b>	<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>				
		Red Oak	15	Pole	8					
		Quaking Aspen	10	Sapling	3					
		Bigtooth Aspen	10	Sapling	3					
		Jack Pine	55	Sapling	4	22				
		Red Maple	10	Pole/Sapling	5					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																													
<b>63</b>	6139 - Mixed Lowland Forest	Sapling Medium	37.2	8	Immature	N/A	Regen seems to be filling in, although not widespread throughout. Spruce, red maple, and white pine seem to be the dominant species growing in.  This stand was cut in the spring of 2015 (Big Blind Spruce). There is scattered spruce, tamarack, and pine.																																													
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<b>64</b>	42120 - Planted Jack Pine	Poletimber Well	126.0	30	Immature	N/A	Planted in 1992 but looks natural with the other species coming in, one of the few roads in the comp runs through to the north, some lowland within stand.																																													
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<b>65</b>	6239 - Mixed Emergent Wetland	Nonstocked	7.5			No																																														
<b>66</b>	6239 - Mixed Emergent Wetland	Nonstocked	110.8			No																																														
<b>67</b>	6126 - Lowland Jack Pine	Sapling Medium	90.4	49	1-50	N/A	2024 Notes: Scattered jack pine and red pine with spruce. 2014 Notes: Low, wet areas throughout, boggy, JP regen is on the higher spots.																																													
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<b>68</b>	42110 - Planted Red Pine	Sapling Well	58.1	23	Immature	N/A	Red pine looks good. DBHs are 3-5" and trees are 20-25' tall. Many have one stick in them.																																													
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																		
69	4123 - Red Oak	Poletimber Medium	4.8	61	51-80	N/A	Open stand with poor oak. White and jack pine, aspen, and red maple in the understorey.																																																		
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70	4132 - Aspen, Jack Pine	Sapling Well	17.9	27	1-50	N/A	A mix a several upland species especially aspen and Jack pine. Hasn't grown much since last inventory but many gaps have filled in. Stand was cut as part of West Runway Jackpine in 1996.																																																		
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71	6125 - Lowland Black Spruce, Jack Pine	Sapling Well	12.1	49	Unspecified	N/A	Slow growing spruce and jack pine. Some open areas.																																																		
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72	42220 - Natural Jack Pine	Poletimber Well	15.4	42	81-110	N/A	Jack pine stand that is just reaching pole size. Should grow at least another 10-20 years.																																																		
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73	4130 - Aspen	Poletimber Medium	40.9	61	81-110	N/A	2024 Notes: Stand is a real mix of Upland species and appears to be uneven aged. Cored various species that were 35-80 years old and some openings have filled in with younger aspen. There is a red pine grove that is a couple acres in size. Areas of dense fir in the understorey.  2014 Notes: Mature red pine grove in the middle of stand less than 5 acres, stand was typed as upland brush in OI, however it is a hodge podge of aspen, jack pine, and oak of all ages from saps to logs with scattered pines and red maples. Overall it is an aspen type and the age seems appropriate for most of the stocking.																																																		
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74	6128 - Lowland Coniferous, Mixed Deciduous	Sapling Poor	12.3	8	Immature	N/A	There is scattered spruce and tamarack regeneration coming in. The ground is wet so regen will take time.  Stand was cut in the spring of 2015 (Big Blind Spruce). Scattered spruce, tamarack and pine were left after harvest.																																																						
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75	6224 - Treed Bog	Nonstocked	4.7			No																																																							
76	4130 - Aspen	Poletimber Well	27.8	38	81-110	N/A	Stand is just barely reaching pole size. Still a lot of saplings. Aspen is good and dense. Was last cut in 1985.																																																						
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77	4199 - Other Mixed Upland Deciduous	Sawtimber Well	26.4	117	81-110	N/A	2024 Notes: Nearly all of the aspen has died out, many large snags. Sugar maple and high quality oak. A lot of advanced regeneration in areas that were thinned heavier.  2014 Notes: Select cut in 2005, other than a few oak groves, this is the only hardwood stand in the comp.																																																						
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78	6122 - Black Spruce	Sapling Poor	55.0	8	Immature	N/A	Stand is Regenerating well in some areas and poorly in others, especially where it's wet. There are scattered pockets of mature retention throughout.  This stand was cut in the spring of 2015 (Cold Toe Spruce)																																																						
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Black Spruce	55	Sapling	1	8																																																									
79	6122 - Black Spruce	Poletimber Well	53.8	97	51-80	N/A	Low quality spruce. Many broken tops.  This is the portion of the spruce stand left uncut when Big Blind Spruce was cut. The stand is very wet and did not contain much merchantable timber.																																																						
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