



# Compartment Review Presentation

Sault Ste. Marie Forest Management Unit

Compartment 45110

Entry Year 2024

Acreage: 2,094

County Chippewa

Management Area: St. Ignace Lake Plain

**Stand Examiner:** Cody Flatt

## Legal Description:

T44N-R6W, Sections 28-29 & 32-3

## Identified Planning Goals:

This compartment is located approximately 1.5 miles southwest of Trout Lake. The accessible parts of the compartment have been treated regularly but there are large areas of cedar and lowland which makes access to several stands impossible. The Molly Gibson Road and the Huckleberry Road are groomed snowmobile trail in the winter.

## Soil and topography:

The uplands are generally Amadon-Rock outcrop complex, Menominee loamy sand, Wallace sands, and Paquin sand. Lowlands and swamps consist primarily of Markey and Carbondale mucks, with Spot-Finch and Markey-Spot-Finch Complexes. Level lowlands to rolling uplands.

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

The west and south sections surrounding the compartment are in state ownership. The sections to the east are in private ownership. In section 32, the NWSW and the SENW are private land. In section, 29 the N1/2 of the NE ¼ and the NENW is also private. In section 28 the N1/2 of the NW¼ and the entire NE 1/4 are private land.

## Unique Natural Features:

Potential for goshawks in mature pine. There is a potential for some rare plant and animal species to inhabit the compartment, including Walking fern.

## Archeological, Historical, and Cultural Features:

No obvious features were found when doing inventory.

## Special Management Designations or Considerations:

Potential for raptors to nest in the compartment exists and care will be taken to check stands for nests with buffers placed when necessary. Boulders will be checked for walking fern and buffers used if necessary.

## Watershed and Fisheries Considerations:

This compartment contains part of Schwesinger/Schweigner Creek, a tributary to Trout (Carp) Lake. A no clearcut buffer of 100' (BMP) should be maintained adjacent to this stream. The treatment layer in IFMAP looks like the final harvest gets closer than that.

## Wildlife Habitat Considerations:

Compartment 110 is located west of Trout Lake in the Mackinac Mix Management Area where featured wildlife species include black bear, pileated woodpecker, ruffed grouse, and white-tailed deer. It is characterized by a mix of lowland and upland types on mucky and sandy soils, respectively. The west side includes the tip of a muskeg, the majority of which is further west. Lowlands continue east of the muskeg and dominate the central part of the compartment, and a number of ponds are scattered through this wetland area. Forest types outside of that area range from lowland hardwoods and mixed conifers to aspen and northern hardwoods in mesic uplands. Most accessible aspen stands are relatively young, and most hardwoods have been thinned to enhance age class and structural diversity. The majority of the compartment lies within the southern portion of a deer wintering complex. Wildlife management objectives include maintaining the integrity of the deer wintering complex; maintaining early successional forest in proximity to lowland conifers for white-tailed deer, ruffed grouse, snowshoe hare, and other wildlife; and promoting diversity in northern hardwoods. Some large trees will be left in hardwood stands. Cedar and hemlock will be retained where present. Timber harvests will be conducted during the winter months for stands in deer wintering complex, allowing tops to be available as winter browse. Snags and some mature trees will remain in aspen and other final harvest stands for woodpeckers and other cavity nesters.

## 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. The State-owned Trout Lake Sand Pit is less than one mile to the east and is currently leased

by the Chippewa County Road Commission. There may be potential for additional sand, and perhaps some gravel, on the uplands within the compartment. High-purity bedrock limestone/dolostone is at or very near the surface in this area. Analysis of a core sample from just over one mile northwest, in Sec 18, suggests that a significantly thick section of high-calcium limestone may be just below the surface within the compartment. The same unit is the target formation of Graymont in the area of their proposed underground limestone mine roughly four miles west. Development potential within the compartment for a large commercial quarry would be inhibited by wetlands. It is unlikely that Graymont's underground mine, if ever developed would extend this far, and a second underground limestone mine in this area seems equally unlikely.

#### **Vehicle Access:**

This compartment has fairly decent vehicle access. H-40, a paved county road along with the Molly-Gibson Road, a gravel county road, is on the north side of the compartment. The O.J. Miller road also a paved county road is on the East side. The center of the compartment is accessed by the Huckleberry Road, which is a gravel county road and the southern portion of the compartment can be reached from the JT Camp road and several two tracks that branch off of it. A four wheel drive maybe necessary during wet periods.

#### **Survey Needs:**

No new survey projects are required for this compartment with adequate corners present.

#### **Recreational Facilities and Opportunities:**

The Molly-Gibson Road and the Huckleberry Road are used as a snowmobile trail. The compartment is heavily used for all types of recreational activities including motorized vehicle use, fishing, hunting, trapping and nature viewing. An ORV trail cuts through the southeast corner of the compartment.

#### **Fire Protection:**

This compartment has lower fire intensity potential. The problem of ground fire does exist in the compartment. The response time to a fire in this area will be longer due to the distance from the field office.

#### **Additional Compartment Information:**

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

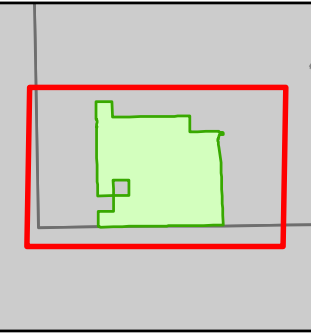
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

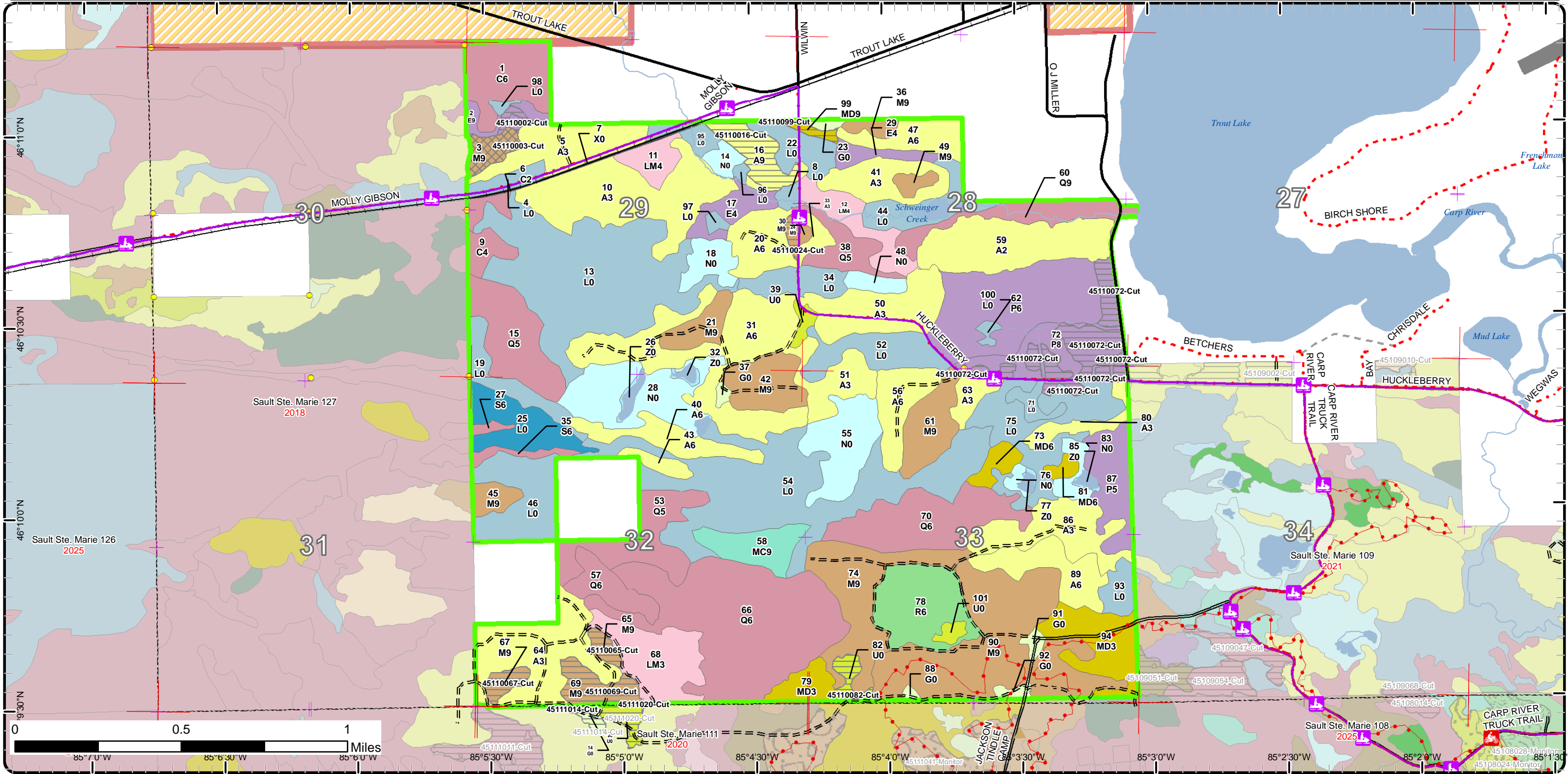
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

# Cover Type & Treatments Map

Compartment: 110  
 T44N, R06W, Sec: 29, 28, 32, 33  
 County: Chippewa  
 Unit: Sault Ste. Marie  
 Mgmt Area: St. Ignace Lake Plain  
 YOE: 2024  
 Acres: 2093.9 GIS Calculated  
 Examiner: Cody Flatt  
 Map Revised: 2/15/2023  
 Map Phase: Post Review

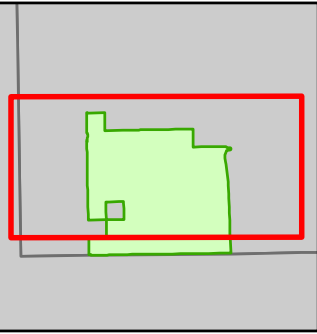


- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Active Railroads
- + Snowmobile Trails
- ORV License & Trail Permit
- Designated ORV Route
- Designated Snowmobile Trails
- ▲ Berms
- Drain
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Compartment Boundary
- Selection (Group, Single Tree)
- Clearcut (w/Reserves)
- 411 - Northern Hardwood
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 429 - Mixed Upland Conifers
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 123 - Other High Intensity Urban
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- 629 - Mixed Non-forested Wetland

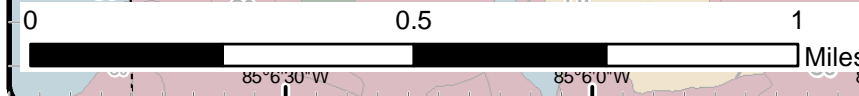
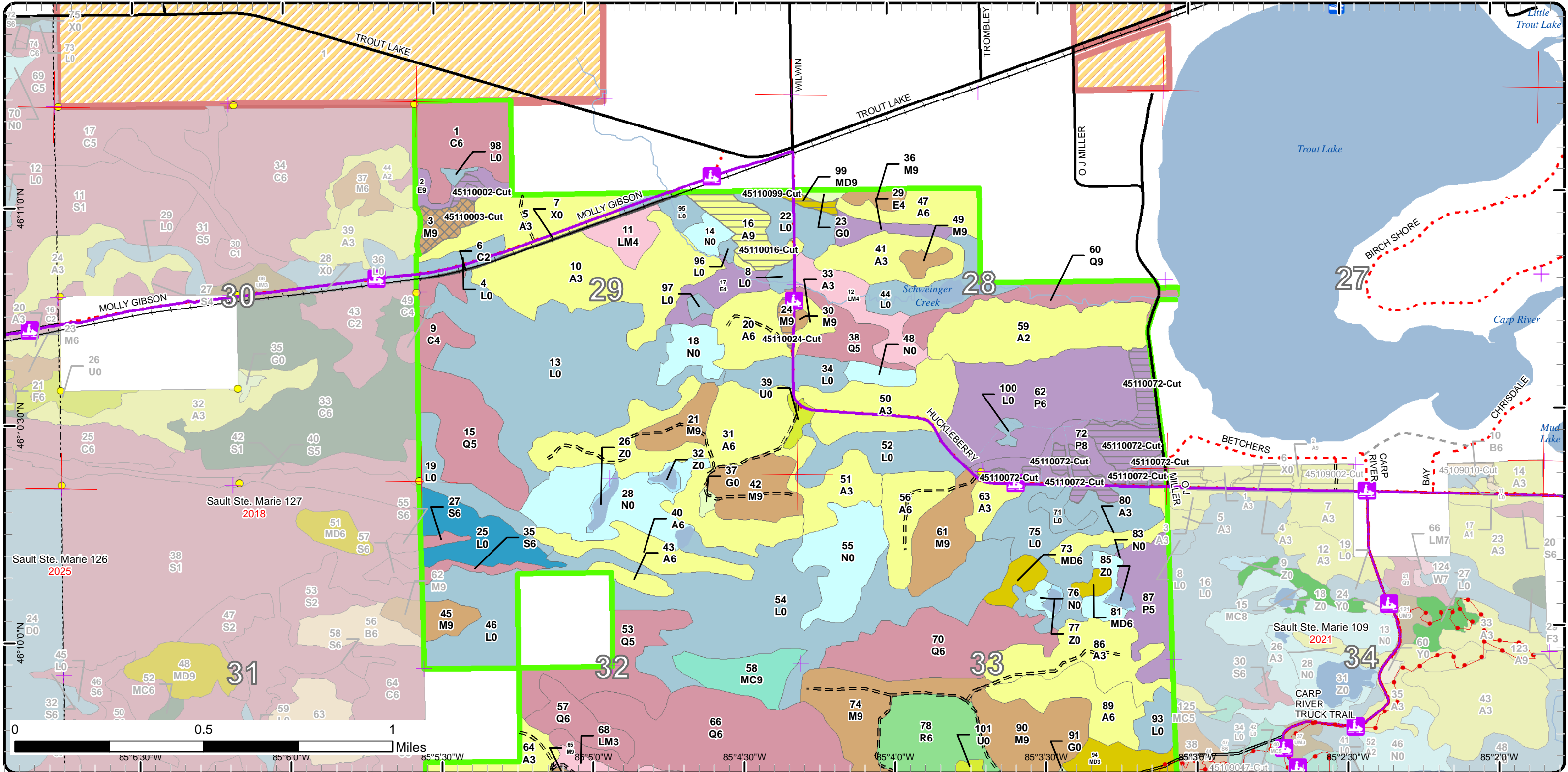


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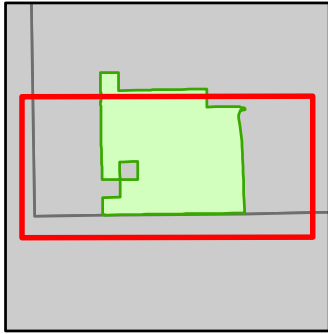


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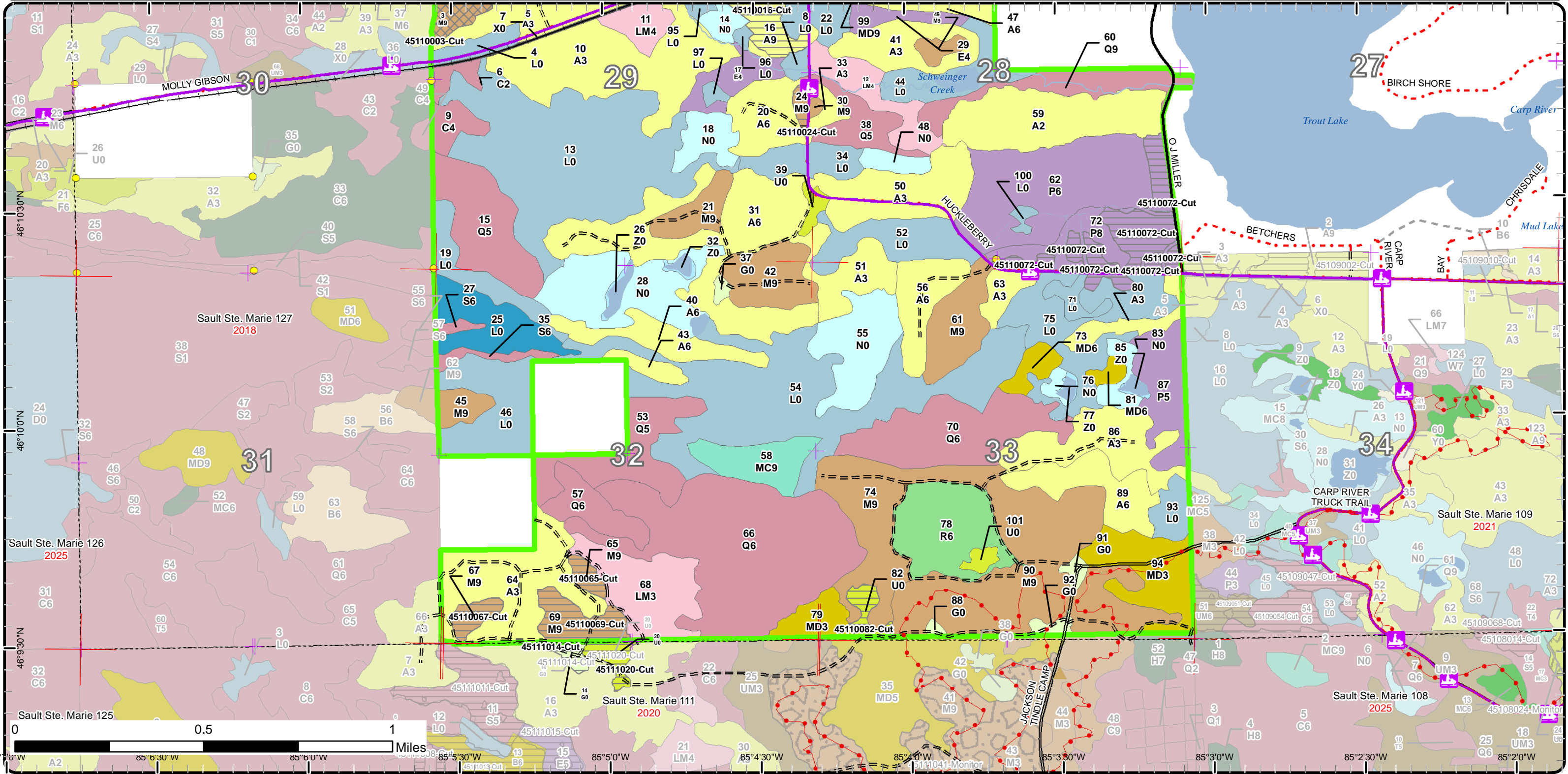


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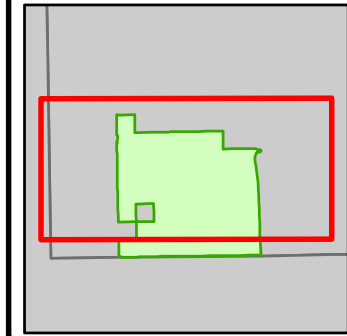


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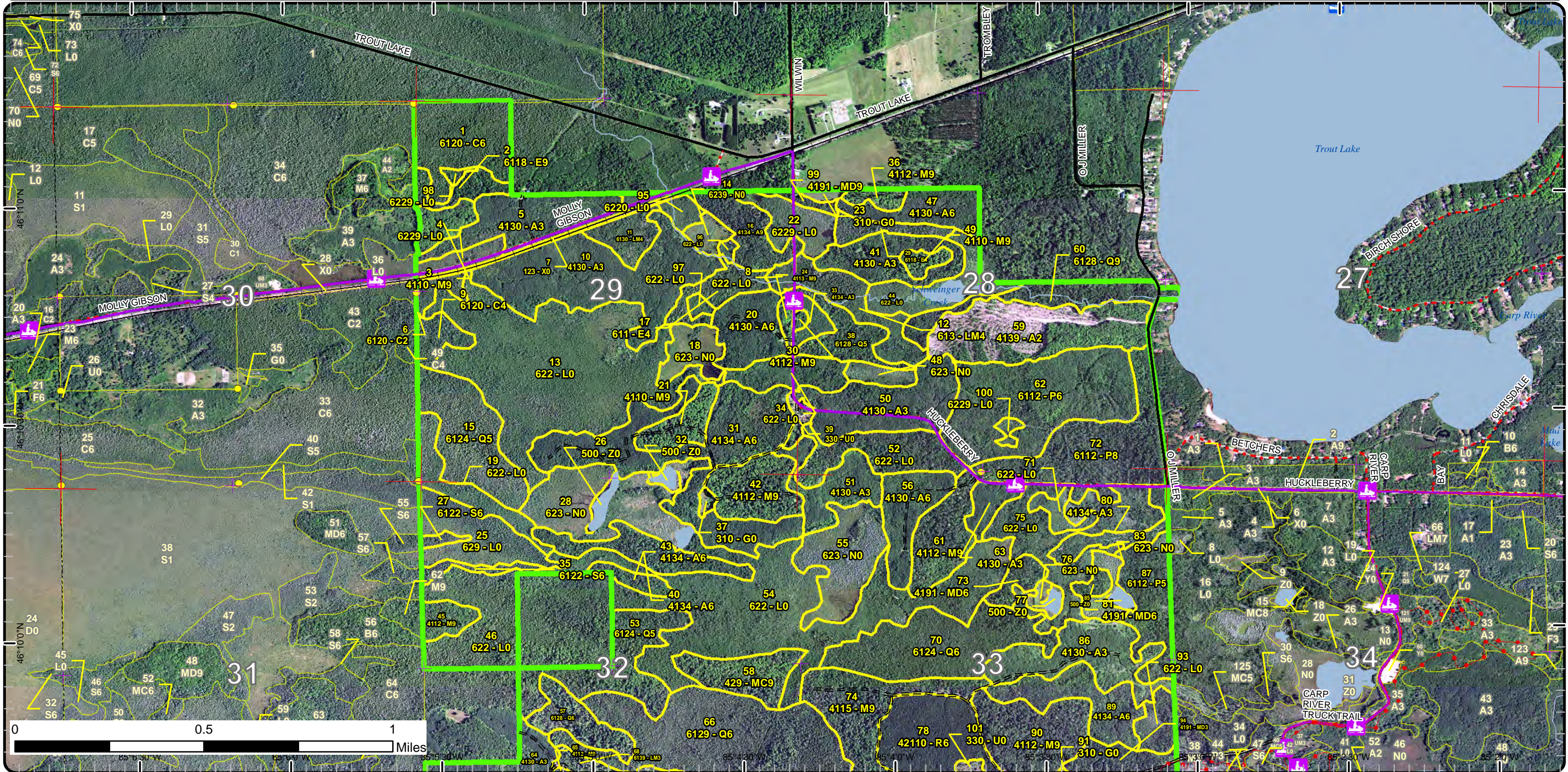


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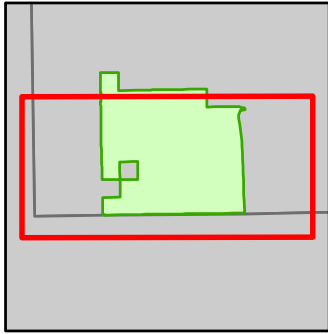


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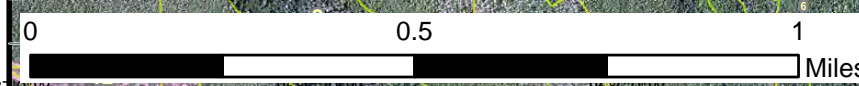
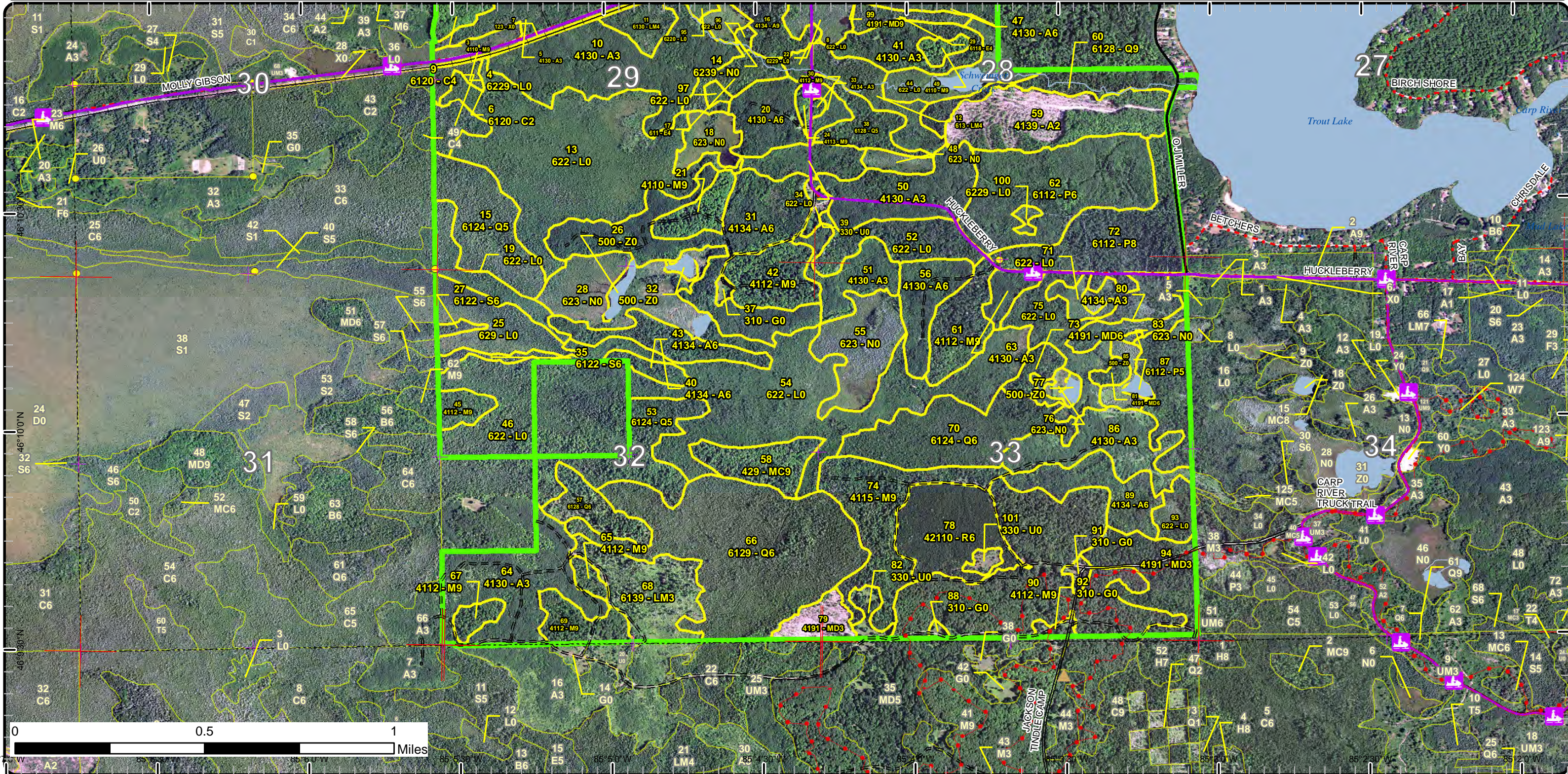


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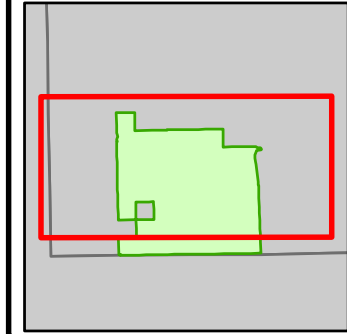
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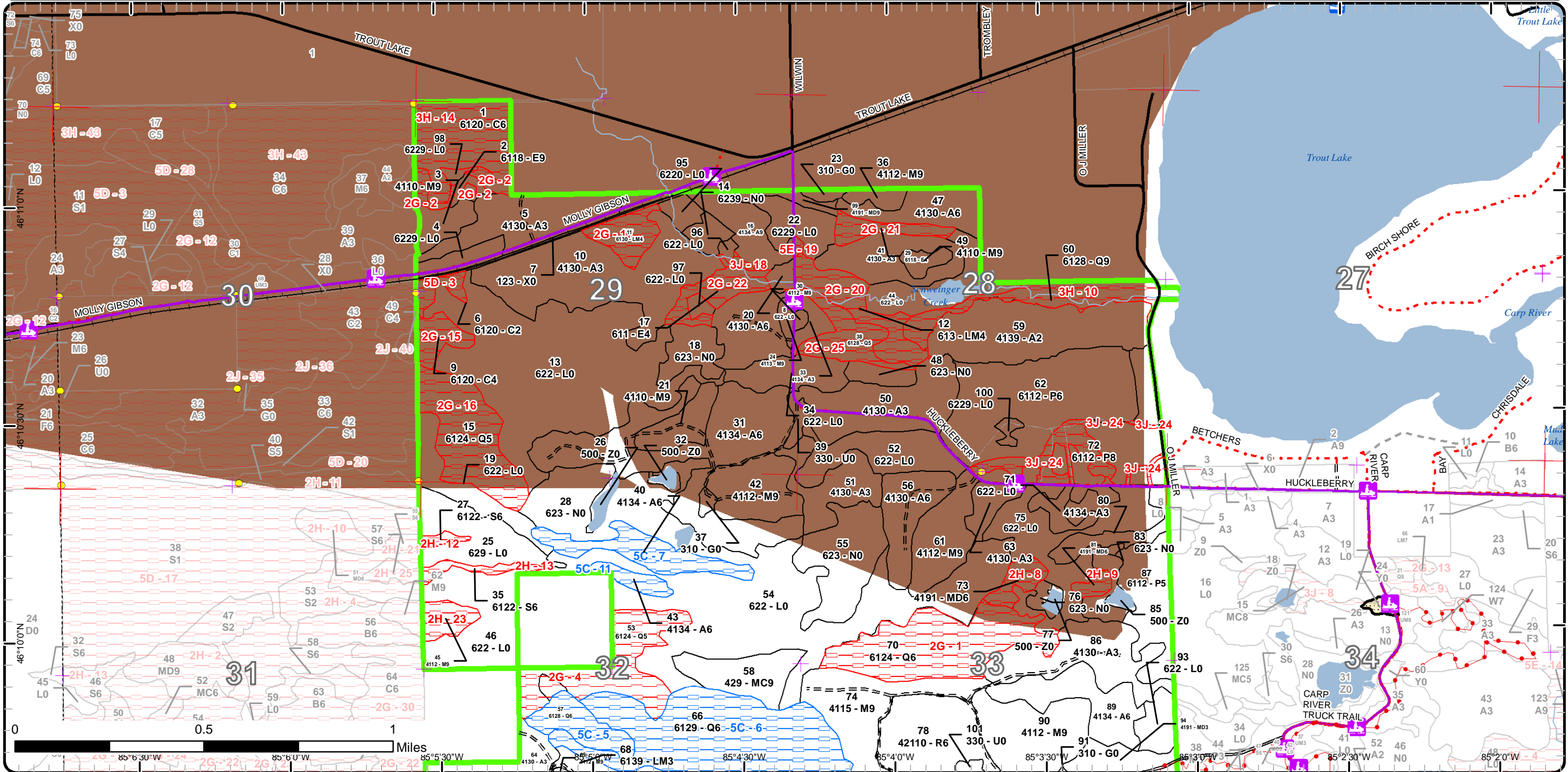
46° 10' 0" N
85° 20' 0" W

# Special Conservation Areas

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- Compartment Boundary
- Available w/ Constraints
- 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)
- 3J: Water quality / BMPs (stream, river, or lake)
- 5D: Unproductive Forest Land
- 5E: Long-Term Retention
- Stand Boundaries
- SCA
- Cold Water Streams
- Deer Winter Range
- Sand or Gravel Pit

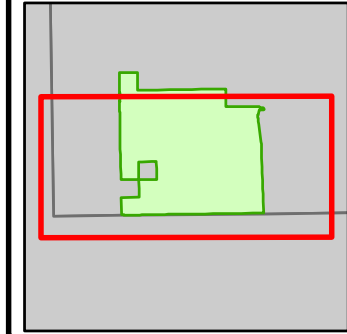


Map coordinates: 46°10'00"N, 85°6'30"W, 85°5'30"W, 85°4'30"W, 85°3'30"W, 85°2'0"W

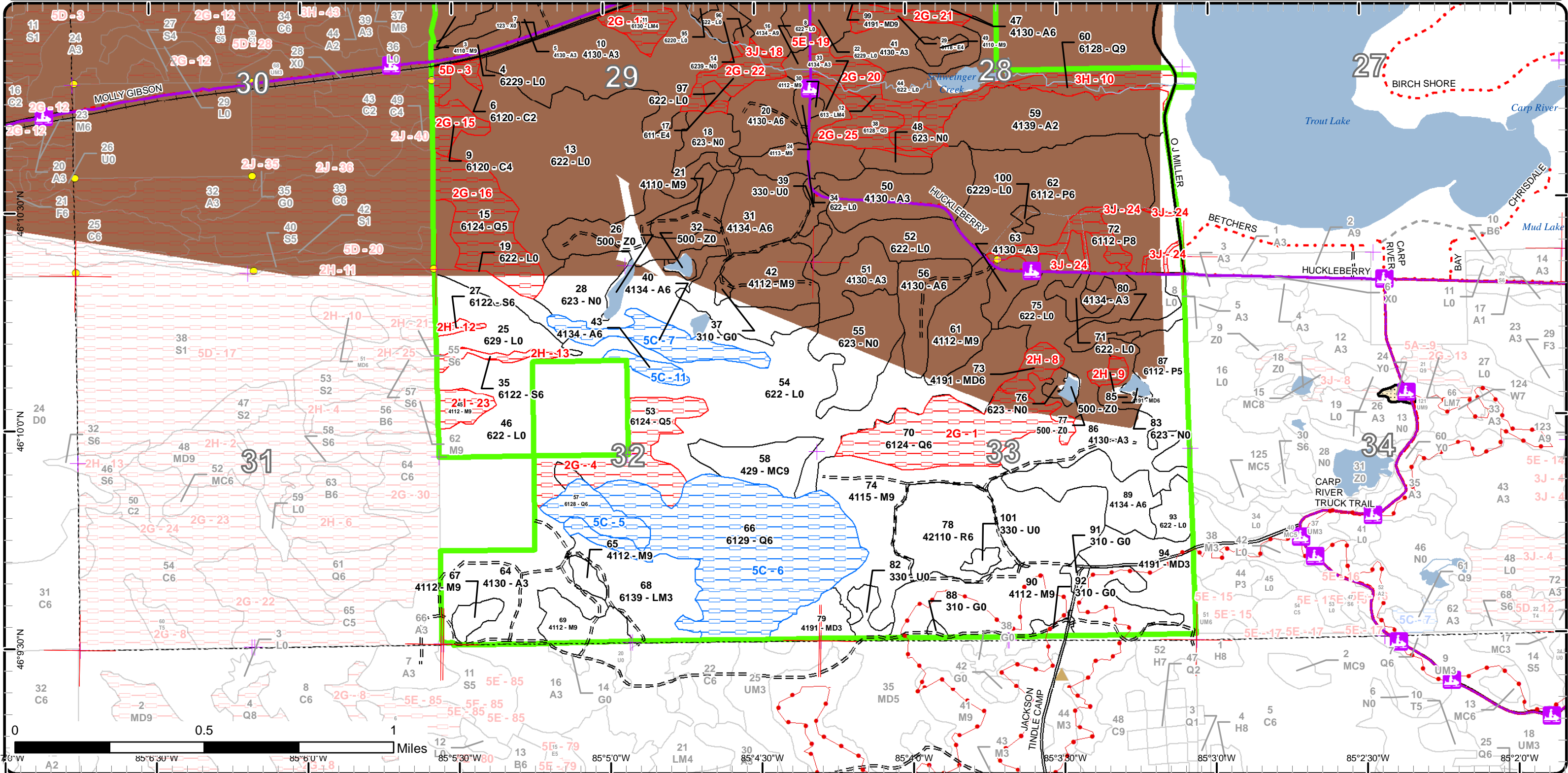


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Report 1 – Total Acres by Cover Type and Age Class



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	49	59	240	115	25	0	18	0	0	26	0	0	0	0	0	0	0	532
Cedar	0	0	0	0	0	5	0	0	0	0	0	0	0	8	33	0	0	0	46
Herbaceous Openland	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Low-Density Trees	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
Lowland Aspen/Balsam Poplar	0	0	0	0	68	25	0	0	0	50	0	0	0	0	0	0	0	0	143
Lowland Conifers	0	0	0	0	0	0	0	0	0	0	0	70	16	0	23	184	0	0	293
Lowland Deciduous	0	0	0	0	0	8	13	0	0	9	0	0	0	0	0	0	0	0	30
Lowland Mixed Forest	0	35	0	11	0	19	0	0	0	0	0	0	0	0	0	0	0	0	65
Lowland Shrub	472	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	472
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	7
Marsh	104	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	104
Mixed Upland Deciduous	0	11	0	0	31	0	0	3	0	10	0	0	0	0	0	0	0	0	55
Northern Hardwood	0	0	0	0	0	0	0	0	1	11	51	192	0	0	0	0	0	0	255
Red Pine	0	0	0	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	38
Upland Conifers	0	0	0	0	0	0	0	0	0	0	19	0	0	0	0	0	0	0	19
Urban	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Water	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
<b>Total</b>	<b>610</b>	<b>95</b>	<b>59</b>	<b>289</b>	<b>214</b>	<b>74</b>	<b>8</b>	<b>34</b>	<b>1</b>	<b>71</b>	<b>105</b>	<b>262</b>	<b>16</b>	<b>0</b>	<b>31</b>	<b>217</b>	<b>7</b>	<b>0</b>	<b>2093</b>



## Report 2 – Treatment Summary

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

Acres of Harvest

Compartment 110  
Total Compartment Acres: 2,094

Commercial Harvest - 96  
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	16	0	0	0	0	0	0	0	0	16
Low-Density Trees	6	0	0	0	0	0	0	0	0	6
Lowland Aspen/Balsam Poplar	34	0	0	0	0	0	0	0	0	34
Lowland Deciduous	3	0	0	0	0	0	0	0	0	3
Mixed Upland Deciduous	3	0	0	0	0	0	0	0	0	3
Northern Hardwood	27	9	0	0	0	0	0	0	0	35
<b>Total</b>	<b>88</b>	<b>9</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>97</b>

### Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	97	0	0	0	0	0	0	0	0	97
Next Step	0	0	0	0	0	0	97	0	0	97
<b>Total</b>	<b>97</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>97</b>	<b>0</b>	<b>0</b>	<b>193</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	Habitat Cut
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**Approved Treatments:**

<b>2</b>	<b>45110002-Cut</b>	2.5	6118 - Lowland Deciduous with Cedar	Sawtimber Well	93	81-110	Harvest	Clearcut	613 - Lowland Mixed Forest	Even-Aged	No
<p><u>Prescription</u> Cut all trees down to 2" in DBH. No retention needed because of small acreage. Focus the harvest on the circular ride in the stand. Stay out of the low wet areas.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Acceptable regen includes aspen, spruce, fir, cedar, maple, birch.</p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>											
<b>3</b>	<b>45110003-Cut</b>	8.6	4110 - Sugar Maple Association	Sawtimber Well	88	51-80	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	No
<p><u>Prescription</u> Thin stand to 70-80 BA. Leave under represented species. Remove merchantable balsam fir.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Acceptable regen includes maple, birch, beech, aspen, fir.</p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>											
<b>16</b>	<b>45110016-Cut</b>	16.0	4134 - Aspen, Spruce/Fir	Sawtimber Well	63	111-140	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Cut all trees down to 2" in DBH. Do not cut any white pine, hemlock, oak or yellow birch. Buffer along the creek will serve as retention for this stand. Currently a 100' buffer is drawn on the stream. Winter harvest between Dec. 1 and March 31 to benefit wintering deer.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Acceptable regen includes aspen, birch, maple, spruce, fir, tamarack and pine.</p> <p><u>Other Comment:</u> Will need a bridge or mats to cross the ditch.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>											



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
<b>24 45110024-Cut</b>	2.7	4113 - R.Maple, Conifer	Sawtimber Well	81	81-110	Harvest	Clearcut	4199 - Other Mixed Upland Deciduous	Even-Aged	No
<p><u>Prescription</u> Cut all trees down to 2 in in DBH. No retention due to small size.  <u>Specs:</u>  <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)  <u>Treatments:</u>  <u>Acceptable</u> Acceptable regen includes maple, aspen, birch, spruce, fir.  <u>Regen:</u>  <u>Other Comment:</u>  <u>Site Condition</u>  <u>Proposed Start Date:</u> 10/1 /2023</p>										
<b>65 45110065-Cut</b>	4.1	4112 - Maple, Beech, Cherry Association	Sawtimber Well	106	51-80	Harvest	Clearcut	411 - Northern Hardwood	Even-Aged	No
<p><u>Prescription</u> Cut all merchantable species over 4". Leave advanced hardwood regen where possible.  <u>Specs:</u>  <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)  <u>Treatments:</u>  <u>Acceptable</u> Acceptable regen include;  <u>Regen:</u> maple, birch, cherry, ash, beech, hemlock, white pine  <u>Other Comment:</u>  <u>Site Condition</u>  <u>Proposed Start Date:</u> 10/1 /2023</p>										
<b>67 45110067-Cut</b>	5.6	4112 - Maple, Beech, Cherry Association	Sawtimber Well	106	81-110	Harvest	Clearcut	411 - Northern Hardwood	Even-Aged	No
<p><u>Prescription</u> Cut all merchantable species over 4". Leave advanced hardwood regen where possible.  <u>Specs:</u>  <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)  <u>Treatments:</u>  <u>Acceptable</u> Acceptable regen include;  <u>Regen:</u> maple, birch, cherry, ash, beech, hemlock, white pine  <u>Other Comment:</u>  <u>Site Condition</u>  <u>Proposed Start Date:</u> 10/1 /2023</p>										



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
<b>69 45110069-Cut</b>	14.1	4112 - Maple, Beech, Cherry Association	Sawtimber Well	106	51-80	Harvest	Clearcut with Retention	411 - Northern Hardwood	Even-Aged	No
<p><u>Prescription</u> Cut all merchantable species over 4" except hemlock. Leave advanced hardwood regen where possible.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Acceptable regen include;</p> <p><u>Regen:</u> maple, birch, cherry, ash, beech, hemlock, white pine</p> <p><u>Other</u> Leave some mature maple as retention in boundary red line</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>										
<b>72 45110072-Cut</b>	34.1	6112 - Lowland Aspen	Sawtimber Medium	83	81-110	Harvest	Clearcut with Retention	6112 - Lowland Aspen	Even-Aged	No
<p><u>Prescription</u> Cut all deciduous trees 2" and conifer trees 4" or greater. Retention will be left in drainage buffers.</p> <p><u>Specs:</u> Harvest will be restricted to Dec 1 through March 31 for winter deer browse and wet soils.</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Acceptable regen includes;</p> <p><u>Regen:</u> Aspen, birch, maple, cherry, spruce/fir, pine, and cedar</p> <p><u>Other</u> 25' buffer each side of drainage ditches in stand</p> <p><u>Comment:</u> Treatment/sale size may vary based on wetness, merchantable timber and actual location of ditches</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>										
<b>82 45110082-Cut</b>	5.5	330 - Low-Density Trees	Nonstocked			Harvest	Clearcut	3105 - Mixed Upland Herbaceous		No
<p><u>Prescription</u> Clear cut all trees 1" and up. This is for openings maintenance.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> none</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>										



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
<b>99 45110099-Cut</b>	3.3	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	66	81-110	Harvest	Clearcut	4199 - Other Mixed Upland Deciduous	Even-Aged	No
<p><u>Prescription</u> Cut all trees down to 2" in DBH except for cedar, pine, hemlock, oak and yellow birch.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Acceptable regen includes aspen, birch, maple, spruce, fir, tamarack and cedar.</p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>										
<b>14 45111014-Cut</b>	3.4	310 - Herbaceous Openland	Nonstocked			Harvest	Clearcut	3105 - Mixed Upland Herbaceous		No
<p><u>Prescription</u> Clear cut all trees 1" and up. This is for openings maintenance.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> None</p> <p><u>Other Comment:</u> Out of YOE</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>										
<b>20 45111020-Cut</b>	5.9	330 - Low-Density Trees	Nonstocked			Harvest	Clearcut	3105 - Mixed Upland Herbaceous		No
<p><u>Prescription</u> Clear cut all trees 1" and up. This is for openings maintenance.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> none</p> <p><u>Other Comment:</u> Out of YOE</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>										

**Total Treatment Acreage Proposed: 105.8**

## Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Cody Flatt : Examiner

Compartment: 110

Year of Entry: 2024

### Availability for Management

Total Acres	Acres Available	Acres Available With Condition	Acres Not Available
531	504	26	2

### Dominant Site Conditions

	Total Acres	Acres Available	Acres Available With Condition	Acres Not Available	Dominant Site Conditions							
					5C	2G	2H	3H	3J	5D	5E	
531	504	504	26	2	Aspen	26			0	1		1
47	0	0	0	47	Cedar		8		33		5	
10	10	10	0	0	Herbaceous Openland							
12	12	12	0	0	Low-Density Trees							
144	128	128	0	16	Lowland Aspen/Balsam Poplar					16		
292	0	0	133	159	Lowland Conifers	133	136	0	23			
29	2	2	0	27	Lowland Deciduous		27					
65	35	35	0	30	Lowland Mixed Forest		30					
472	472	472	0	0	Lowland Shrub			0	0			
7	0	0	0	7	Lowland Spruce/Fir			7				
104	104	104	0	0	Marsh			0				
56	45	45	0	10	Mixed Upland Deciduous			10				
255	248	248	0	8	Northern Hardwood			8				
38	38	38	0	0	Red Pine							
19	19	19	0	0	Upland Conifers							
4	4	4	0	0	Urban							
8	8	8	0	0	Water							
2,094	1,630	1,630	159	305	Total Forested Acres	159	201	25	56	17	5	1
	78%	78%	8%	15%	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)	48	3G: Other Influence zones - See comments	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							



## Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Cody Flatt : Examiner

Compartment: 110

Year of Entry: 2024

2	<b>Unavailable</b>	2G: Too wet (sensitive soils, does not include access issues)	6	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	Unspecified	Unspecified	Unspecified
<b>Comments:</b> These areas are largely too wet but also contain cedar.							
3	<b>Unavailable</b>	5D: Unproductive Forest Land	5	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
4	<b>Unavailable</b>	2G: Too wet (sensitive soils, does not include access issues)	35	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
5	<b>Available</b>	5C: Delay treatment for age/size class diversity or exceptional site quality	14	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
6	<b>Available</b>	5C: Delay treatment for age/size class diversity or exceptional site quality	119	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

## Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Cody Flatt : Examiner

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Year of Entry: 2024

7	<b>Available</b>	5C: Delay treatment for age/size class diversity or exceptional site quality	20	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
8	<b>Unavailable</b>	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	7	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
9	<b>Unavailable</b>	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	3	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
10	<b>Unavailable</b>	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	23	3J: Water quality / BMPs (stream, river, or lake)	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified
<b>Comments:</b> Cedar stand with a creek running through it.							
11	<b>Available</b>	5C: Delay treatment for age/size class diversity or exceptional site quality	6	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

## Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Cody Flatt : Examiner

Compartment: 110

Year of Entry: 2024

12	<b>Unavailable</b>	<b>2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)</b>	2	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
13	<b>Unavailable</b>	<b>2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)</b>	5	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
14	<b>Unavailable</b>	<b>3H: Deer Wintering Area - habitat is incompatible with harvest at this time</b>	33	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
15	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	8	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
16	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	37	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

## Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Cody Flatt : Examiner

Compartment: 110

Year of Entry: 2024

17	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	11	5D: Unproductive Forest Land	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
18	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	1	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
19	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
20	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	19	5D: Unproductive Forest Land	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified
<b>Comments:</b> Very wet stand that is not very productive. The creek runs through the stand.							
21	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	8	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
22	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	13	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

## Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Cody Flatt : Examiner

Compartment: 110

Year of Entry: 2024

23	<b>Unavailable</b>	<b>2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)</b>	8	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
24	<b>Unavailable</b>	<b>3J: Water quality / BMPs (stream, river, or lake)</b>	16	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
25	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	16	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

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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**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	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.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																															
1	6120 - Lowland Cedar	Poletimber Well	33.3	141	141-170	N/A	Decent cedar stand, pretty heavily browsed. No cedar regen.																																															
<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>Paper Birch</td> <td>5</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>85</td> <td>Pole/Log</td> <td>9</td> <td>141</td> </tr> <tr> <td>Tamarack</td> <td>2</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>5</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Black Ash</td> <td>3</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Paper Birch	5	Pole	8		Northern White Cedar	85	Pole/Log	9	141	Tamarack	2	Pole	7		Balsam Fir	5	Pole	7		Black Ash	3	Sapling/Pole	4		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Tag Alder</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Medium	Variable	Sapling	Tag Alder	Low	5 - 10 feet	Tall Shrub									
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Tag Alder	Low	5 - 10 feet	Tall Shrub																																																			
2	6118 - Lowland Deciduous with Cedar	Sawtimber Well	8.9	93	81-110	N/A	Most of this stand is low wet ground with a mix of maple, cedar and ash. In the east end of the stand is a circular shaped ridge of dry ground with an upland mackinac mix. Low areas are extremely wet.																																															
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Balsam Fir	High	Variable	Sapling																																																			
3	4110 - Sugar Maple Association	Sawtimber Well	8.6	88	51-80	N/A	Stand was last thinned in 1997 . There are pockets of lower BA. There is a fairly large ridge in the stand. The maple regeneration is browsed heavily.																																															
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4	6229 - Mixed lowland shrub	Nonstocked	7.3			No																																																
5	4130 - Aspen	Sapling Well	31.0	26	1-50	N/A	Nice aspen. Along the southern portion of the stand there is lower ground which transitions up to a ridge with nice bigtooth aspen. Lots of water ponded in the lower parts of the stand during the spring.																																															
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<b>6</b>	6120 - Lowland Cedar	Sapling Medium	4.9	41	1-50	N/A	I saw this from the road, too wet to access. Lowland conifers with red maple.																																																															
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<b>7</b>	123 - Other High Intensity Urban	Nonstocked	3.6			No																																																																
<b>8</b>	622 - Lowland Shrub	Nonstocked	3.1		Unspecified	No																																																																
<b>9</b>	6120 - Lowland Cedar	Poletimber Poor	8.4	135	Unspecified	N/A	Did not visit, data carried forward from last inventory																																																															
<b>10</b>	4130 - Aspen	Sapling Well	64.3	26	1-50	N/A	Nice aspen stand. It is growing great. Not a lot of conifer within the stand. Most of the stand is upland especially on the west end as you get further east the road and woods gets wetter. The stand will be pole sized next inventory cycle.																																																															
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<b>11</b>	6130 - Fir, Aspen, Maple	Poletimber Poor	10.8	28	1-50	N/A	poor quality, very wet, scattered larger trees. More conifer in the south end of the stand.																																																															
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<b>12</b>	613 - Lowland Mixed Forest	Poletimber Poor	19.2	46		N/A	mix of fir, ash, and cedar. thick tag alder in understory. Did not get a good enough look at this stand to record species data. It was VERY wet. Schwesinger Creek runs through the stand.																																																															
<b>13</b>	622 - Lowland Shrub	Nonstocked	119.1			No																																																																
<b>14</b>	6239 - Mixed Emergent Wetland	Nonstocked	5.4		Immature	No																																																																



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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<b>15</b>	6124 - Lowland Spruce-Fir	Poletimber Medium	36.9	106		N/A	Very wet and small diameters in most areas. Stand could be a lot older based on previous inventory, but I went with the tree I cored.
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Black Spruce		35	Pole/Sapling	5		Balsam Fir	
Northern White Cedar		40	Pole/Sapling	6	106	Tag Alder	
Tamarack		5	Pole	6		Black Spruce	
Balsam Fir		5	Pole/Sapling	5		Density	
White Spruce		10	Pole/Sapling	5		Avg. Height	
Paper Birch		5	Pole	7		Size	
						Sapling	
						Tall Shrub	
						Sapling	

<b>16</b>	4134 - Aspen, Spruce/Fir	Sawtimber Well	17.5	63	111-140	N/A	Mature stand of aspen with spruce and fir. Some of the fir is of a fairly large DBH. The middle of the stand has a lower concentration of aspen.
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Paper Birch		10	Pole/Log	8		Balsam Fir	
Red Maple		11	Pole	7		Density	
Balsam Fir		20	Pole	6		Avg. Height	
Quaking Aspen		23	Log/Pole	10	63	Size	
White Spruce		15	Pole	7	63	Sapling	
White Pine		1	XLog/Log	18			
Bigtooth Aspen		20	Log	13			

<b>17</b>	611 - Lowland Deciduous Forest	Poletimber Poor	12.6	61		N/A	I saw this from the stand to the north. Based on what I could see it was a mix of paper birch, balsam poplar, ash and fir. I did not see it well enough to enter stand data. It is very wet.
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<b>18</b>	623 - Emergent Wetland	Nonstocked	12.0			No	
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<b>19</b>	622 - Lowland Shrub	Nonstocked	16.1			No	
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<b>20</b>	4130 - Aspen	Poletimber Well	20.6	37	51-80	N/A	Nice aspen stand. Some balsam in the canopy and understory but a lot less than other stands in the area.
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Red Maple		5	Pole	8		Red Maple	
Quaking Aspen		45	Pole/Log	8	37	Balsam Fir	
White Spruce		5	Pole	8		Density	
Paper Birch		5	Pole	6		Avg. Height	
Balsam Fir		10	Pole	6		Size	
Bigtooth Aspen		30	Pole/Log	8		Sapling	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																							
21	4110 - Sugar Maple Association	Sawtimber Well	12.2	99	51-80	N/A	Stand was thinned in 2006. Decent amounts of hard maple regen. Basal area is fairly low across the stand.																																																							
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22	6229 - Mixed lowland shrub	Nonstocked	15.0			No																																																								
23	310 - Herbaceous Openland	Nonstocked	2.0			No																																																								
24	4113 - R.Maple, Conifer	Sawtimber Well	2.7	81	81-110	N/A	An hardwood island of red maple with birch and aspen. There is a lot of fir in the stand but most of it is tall enough to walk under.																																																							
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25	629 - Mixed non-forested wetland	Nonstocked	26.1			No																																																								
26	500 - Water	Nonstocked	2.9			No																																																								
27	6122 - Black Spruce	Poletimber Well	2.1	157		N/A	Stand data taken from a plane.																																																							
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28	623 - Emergent Wetland	Nonstocked	40.9			No																																																								
29	6118 - Lowland Deciduous with Cedar	Poletimber Poor	7.9	57	1-50	N/A	Very wet, poor quality. Could not tell if ash was dead or alive.																																																							
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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<b>30</b>	4112 - Maple, Beech, Cherry Association	Sawtimber Well	1.2	74	51-80	N/A	Stand was thinned in 2005. The BA is fairly low. Mix of red and sugar maple with fir in the understory.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Red Maple		60	Log/Pole	12	74	Red Maple		Medium	Variable	Sapling
Balsam Fir		10	Pole/Sapling	5		Balsam Fir		Medium	Variable	Sapling
Sugar Maple		30	Log	13		Hazelnut (Spp.)		Low	5 - 10 feet	Tall Shrub

<b>31</b>	4134 - Aspen, Spruce/Fir	Poletimber Well	73.7	33	51-80	N/A	This is a large aspen complex. A majority of the stand was harvested in 1990. Portions were also cut in 1983 but the are almost impossible to distinguish on the ground. Heavier to conifer in the north east part of the stand where the aspen canopy is not as dense and the ground is more hummocky. Further to the west the aspen stand is more consistent and of better quality.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Black Cherry		3	Pole	6		Red Maple		Low	5 - 10 feet	Sapling
Paper Birch		5	Pole	6		Balsam Fir		Low	5 - 10 feet	Sapling
Quaking Aspen		37	Pole	7	33					
Bigtooth Aspen		15	Pole/Log	8						
Red Maple		15	Pole/Log	8						
Balsam Fir		15	Pole	5						
White Spruce		10	Pole	6						

<b>32</b>	500 - Water	Nonstocked	2.0			No	
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<b>33</b>	4134 - Aspen, Spruce/Fir	Sapling Well	5.3	18	Immature	N/A	Stand was cut in 2005. Regen doing really good.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Quaking Aspen		50	Sapling	2	18	Cherry (spp.)		Low	5 - 10 feet	Sapling
White Spruce		10	Sapling	3		Balsam Fir		Trace	< 5 feet	Sapling
Black Cherry		5	Sapling	3						
Red Maple		10	Sapling	2						
Paper Birch		5	Sapling	2						
Balsam Fir		10	Sapling	3						
Bigtooth Aspen		10	Sapling	2						

<b>34</b>	622 - Lowland Shrub	Nonstocked	15.2			No	
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<b>35</b>	6122 - Black Spruce	Poletimber Well	4.7	157		N/A	Stand data is from adjacent compartment. This data was observed from a plane.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Red Maple		10	Pole	8		Black Spruce		Low	5 - 10 feet	Sapling
Quaking Aspen		20	Pole	8						
Black Spruce		60	Pole	6	157					
White Pine		10	Log/Pole	10						



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																							
<b>36</b>	4112 - Maple, Beech, Cherry Association	Sawtimber Well	4.7	93	51-80	N/A	Stand was thinned pretty hard in 1995. There was a possible trespass on an adjacent Privat sale that reduced BA in the north half of the stand. There is red maple in this stand especially along the aspen edge. Some decent looking beech. Most of the regen is over 20' tall with very little below that.																																							
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<b>37</b>	310 - Herbaceous Openland	Nonstocked	1.6			No																																								
<b>38</b>	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Medium	15.7	113	1-50	N/A	A poor quality cedar stand. Very wet and somewhat sparse in some places. There is a small ridge along the southern boarder of the stand with red maple, birch, aspen, spruce and cedar.																																							
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<b>39</b>	330 - Low-Density Trees	Nonstocked	3.6			No	This opening is being used to dump brush and lawn debris.																																							
<b>40</b>	4134 - Aspen, Spruce/Fir	Poletimber Well	19.9	92	Unspecified	N/A	This is the larger of two mackinac mix Islands. It will be factor limited due to access and quality.																																							
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<b>41</b>	4130 - Aspen	Sapling Well	21.8	27	Immature	N/A	Nice stand of aspen mixed with red maple. It should be pole sized next time around.																																							
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Balsam Fir	Medium	Variable	Sapling																																														
Sugar Maple	Low	5 - 10 feet	Sapling																																														
48	623 - Emergent Wetland	Nonstocked	5.8			No																																											



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments	
<b>49</b>	4110 - Sugar Maple Association	Sawtimber Well	4.3	91	51-80	N/A	Stand was thinned pretty hard in 1995. The basal area is on the low side. There is very good advanced maple regeneration that is over 10' tall. Very little in the seedling layer.	
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>		
Sugar Maple		80	Log/Pole	13	91	Ironwood		
Red Maple		10	Log	10		Sugar Maple		
Beech		10	Log	12		Red Maple		
						Balsam Fir		
						Beech		
<b>50</b>	4130 - Aspen	Sapling Well	35.9	26	Immature	N/A	Stand was cut in 1997. Doing good for the most part. There are some wet areas where the regen is a little more sparce.	
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>		
Quaking Aspen		65	Sapling/Pole	4	26	Balsam Fir		
Balsam Fir		10	Sapling	2		White Spruce		
White Spruce		5	Sapling	2				
Paper Birch		10	Sapling/Pole	4				
Bigtooth Aspen		10	Sapling/Pole	4				
<b>51</b>	4130 - Aspen	Sapling Well	20.4	18	Immature	N/A	Regen is doing pretty good. Surprising amount of cherry.	
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>		
Black Cherry		15	Sapling	2		Balsam Fir		
Balsam Fir		10	Sapling	2				
Quaking Aspen		65	Sapling	2	18			
Paper Birch		10	Sapling	2				
<b>52</b>	622 - Lowland Shrub	Nonstocked	24.3			No		
<b>53</b>	6124 - Lowland Spruce-Fir	Poletimber Medium	33.1	106		N/A	Wet, poor quality lowland conifer stand. Will be factor limited because of poor quality and need of survey.	
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>		
Balsam Fir		20	Pole/Sapling	5		Balsam Fir		
White Spruce		25	Pole/Sapling	6	106	Black Spruce		
Black Spruce		5	Pole/Sapling	5		Tag Alder		
Northern White Cedar		20	Pole	6				
Paper Birch		5	Pole	7				
Balsam Poplar		5	Pole	7				
Quaking Aspen		10	Pole	7				
Red Maple		10	Pole/Sapling	6				
<b>54</b>	622 - Lowland Shrub	Nonstocked	120.1			No		
<b>55</b>	623 - Emergent Wetland	Nonstocked	30.8			No		



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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<b>56</b>	4130 - Aspen	Poletimber Well	20.9	38	Unspecified	N/A	Nice aspen stand. A little wetter site but not lowland.
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Balsam Fir		10	Sapling/Pole	4		Balsam Fir	
Quaking Aspen		80	Pole/Sapling	5	38	High	
Bigtooth Aspen		10	Pole/Sapling	5		5 - 10 feet	
						Sapling	

<b>57</b>	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	16.2	144	51-80	N/A	Pretty wet here. Some regeneration is occurring where it was thinned heavier. This stand was thinned in 2007. Everything was taken except for cedar, white pine and hemlock.
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>		
Northern White Cedar		35	Pole/Sapling	7	144		
Hemlock		5	Log	16			
White Pine		10	Log/XLog	15			
Balsam Fir		30	Sapling	1	16		
Red Maple		20	Sapling	1			

<b>58</b>	429 - Mixed Upland Conifers	Sawtimber Well	19.4	96	81-110	N/A	Mixed conifer stand. Access to stand is through very wet slightly grown in road. Harvest with other stands nearby in future
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Northern White Cedar		15	Pole	7		Balsam Fir	
Red Maple		20	Pole/Log	8		High	
Hemlock		30	Log/XLog	16	96	Variable	
White Pine		20	XLog	18		Sapling	
Quaking Aspen		15	Pole	7		Sapling	
						Sapling	
						Sapling	
						Sapling	

<b>59</b>	4139 - Aspen, Mixed Deciduous	Sapling Medium	49.1	7	Immature	N/A	Stand was cut in the winters of 2015-16. Regen is starting to fill in. Mostly aspen, cherry and red maple with more conifer to the west. There is heavy browse on red maple. The east end of the stand is dominated by red maple and cherry. The aspen is in higher concentration in the center and west end of the stand.
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Paper Birch		5	Sapling	1		Tag Alder	
Bigtooth Aspen		10	Sapling	1		Low	
Black Cherry		23	Sapling	1		Variable	
White Spruce		2	Sapling	1		Tall Shrub	
Balsam Fir		10	Sapling	2			
Quaking Aspen		35	Sapling	1	7		
Red Maple		15	Sapling	1			





Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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**60** 6128 - Lowland Coniferous, Mixed Deciduous Sawtimber Well 22.9 133 81-110 N/A This stand has a creek flowing into Carp Lake. Riparian zone. There is some small topography features in the stand but most is low wet ground.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	10	Pole/Log	8	
Paper Birch	5	Pole	8	
Yellow Birch	5	Log	13	
White Spruce	5	Pole	8	
Balsam Fir	10	Pole	6	
Black Ash	5	Pole	8	
Black Spruce	5	Pole	6	
Northern White Cedar	47	Log/Pole	10	133
Tamarack	5	Pole	8	
Quaking Aspen	3	Log	13	

Sub-Canopy Species	Density	Avg. Height	Size
Tag Alder	Low	Variable	Tall Shrub
Aspen (spp.)	Trace	5 - 10 feet	Sapling
Balsam Fir	High	Variable	Sapling

**61** 4112 - Maple, Beech, Cherry Association Sawtimber Well 22.1 93 51-80 N/A Stand was thinned in 2015.

Canopy Species	% Cover	Size Class	DBH	Age
Beech	10	Log	12	
Yellow Birch	10	Log	12	
Red Maple	70	Log/Pole	10	93
Sugar Maple	10	Log/Pole	10	

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	High	Variable	Sapling
Balsam Fir	High	Variable	Sapling
Beech	Low	5 - 10 feet	Sapling

**62** 6112 - Lowland Aspen Poletimber Well 68.0 38 Unspecified N/A The aspen is doing pretty good. Pretty wet in some areas.

Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	40	Pole/Sapling	5	38
Bigtooth Aspen	10	Pole/Sapling	5	
Balsam Poplar	20	Sapling/Pole	4	
Balsam Fir	30	Sapling/Pole	4	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Medium	5 - 10 feet	Sapling
Tag Alder	Medium	5 - 10 feet	Tall Shrub

**63** 4130 - Aspen Sapling Well 8.0 27 Immature N/A Nice, thick young aspen stand. Not alot of conifer.

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	5	Sapling	3	
White Spruce	5	Sapling	3	
Quaking Aspen	90	Sapling/Pole	4	27

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Low	< 5 feet	Sapling

**64** 4130 - Aspen Sapling Well 50.9 25 Immature N/A Aspen is dense. Some trees are reaching pole size but this is still a sapling sized stand.

Canopy Species	% Cover	Size Class	DBH	Age
Black Cherry	5	Sapling/Pole	3	
Quaking Aspen	85	Sapling/Pole	3	25
Balsam Fir	10	Sapling/Pole	4	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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<b>65</b>	4112 - Maple, Beech, Cherry Association	Sawtimber Well	4.1	106	51-80	N/A	Similar to stand 69. Stand was thinned last entry. Lots of beech and red maple regen.
Canopy Species	% Cover	Size Class	DBH	Age			
Red Maple	50	Log/XLog	14	106			
White Pine	5	XLog	20				
Beech	5	Log/XLog	16				
Hemlock	10	XLog	20				
Sugar Maple	30	Log/XLog	14				
Sub-Canopy Species	Density	Avg. Height	Size				
Red Maple	Medium	< 5 feet	Sapling				
Beech	Medium	< 5 feet	Sapling				
Balsam Fir	Medium	5 - 10 feet	Sapling				
Sugar Maple	Low	Variable	Sapling				

<b>66</b>	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	118.9	149	81-110	N/A	Very wet, poor quality stand. Large areas are only sapling size.
Canopy Species	% Cover	Size Class	DBH	Age			
Balsam Fir	10	Pole/Sapling	5				
Tamarack	15	Pole	6				
Northern White Cedar	35	Pole	6	149			
Black Spruce	30	Pole/Sapling	5	149			
Paper Birch	10	Pole	7				
Sub-Canopy Species	Density	Avg. Height	Size				
Balsam Fir	Medium	Variable	Sapling				
Black Spruce	Medium	5 - 10 feet	Sapling				
Tamarack	Low	Variable	Sapling				
Tag Alder	Low	5 - 10 feet	Tall Shrub				

<b>67</b>	4112 - Maple, Beech, Cherry Association	Sawtimber Well	5.6	106	81-110	N/A	Similar to stand 69. Stand was thinned last entry.
Canopy Species	% Cover	Size Class	DBH	Age			
Hemlock	10	XLog	20				
Sugar Maple	30	Log/XLog	14				
Beech	5	Log/XLog	16				
Red Maple	50	Log/XLog	14	106			
White Pine	5	XLog	20				
Sub-Canopy Species	Density	Avg. Height	Size				
Sugar Maple	Low	Variable	Sapling				
Red Maple	Medium	< 5 feet	Sapling				
Balsam Fir	Medium	5 - 10 feet	Sapling				
Beech	Medium	< 5 feet	Sapling				

<b>68</b>	6139 - Mixed Lowland Forest	Sapling Well	34.8	8	Immature	N/A	Exceptional regen. Dense fir, birch, maple cherry, and white pine. Even cedar regeneration in spots. Marginally wet ground throughout with more upland towards the west.  Stand was cut last entry. It was a Q6, all that remains is the cedar.
Canopy Species	% Cover	Size Class	DBH	Age			
Paper Birch	17	Sapling	1				
Northern White Cedar	10	Pole/Sapling	5	136			
Red Maple	20	Sapling	1				
Balsam Fir	25	Sapling	1	8			
Beech	2	Sapling	1				
White Pine	2	Sapling	1				
White Pine	2	Log	15				
Hemlock	2	Log	12				
Black Cherry	10	Sapling	1				
Black Spruce	10	Sapling	1				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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<b>69</b>	4112 - Maple, Beech, Cherry Association	Sawtimber Well	14.1	106	51-80	N/A	Basal area is low. 60-80. Understory is pretty full with red maple, sugar maple, fir, and beech. Stand was thinned last entry. Lots of beech and red maple regen.
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Canopy Species	% Cover	Size Class	DBH	Age
Beech	5	Log/XLog	16	
White Pine	5	XLog	20	
Hemlock	10	XLog	20	
Sugar Maple	30	Log/XLog	14	
Red Maple	50	Log/XLog	14	106

Sub-Canopy Species	Density	Avg. Height	Size
Beech	Low	Variable	Sapling
Red Maple	Medium	Variable	Sapling
Sugar Maple	Medium	Variable	Sapling
Balsam Fir	Low	5 - 10 feet	Sapling

<b>70</b>	6124 - Lowland Spruce-Fir	Poletimber Well	48.7	149	Unspecified	N/A	Very wet, poor quality stand. Large areas of only sapling size trees. Data carried forward from previous inventory
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Canopy Species	% Cover	Size Class	DBH	Age
Black Spruce	30	Pole/Sapling	5	149
Tamarack	15	Pole	6	
Paper Birch	10	Pole	7	
Northern White Cedar	25	Pole	6	
Balsam Fir	10	Pole/Sapling	5	
White Spruce	10	Pole/Sapling	5	

Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	Medium	5 - 10 feet	Sapling
Tag Alder	Low	5 - 10 feet	Tall Shrub
Balsam Fir	Medium	Variable	Sapling
Tamarack	Low	Variable	Sapling

<b>71</b>	622 - Lowland Shrub	Nonstocked	5.8			No	
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<b>72</b>	6112 - Lowland Aspen	Sawtimber Medium	50.3	83	81-110	N/A	Very wet, sparse lowland aspen stand. The finger to the north along OJ Miller Rd. is very wet. There are multiple man made drainage ditches running through this stand and into the lake. The best ground is in the SE corner.
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Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	10	Pole/Log	9	
Balsam Poplar	5	Pole	8	
Balsam Fir	25	Pole/Sapling	5	
Quaking Aspen	42	Log/Pole	12	83
Paper Birch	5	Pole	8	
Northern White Cedar	8	Log/Pole	12	
White Spruce	5	Pole/Sapling	5	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	High	Variable	Sapling
Tag Alder	Medium	Variable	Tall Shrub
Black Ash	Low	5 - 10 feet	Sapling
Paper Birch	Low	Variable	Sapling
Red Maple	Low	5 - 10 feet	Sapling

<b>73</b>	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	7.1	85	81-110	N/A	Birch, aspen island. Access would be very difficult even in a cold winter. Water in stand surrounding appears to be moving. Data carried forward from previous inventory
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Canopy Species	% Cover	Size Class	DBH	Age
Paper Birch	40	Pole	8	85
Quaking Aspen	20	Pole	8	
Balsam Fir	20	Pole	6	
White Spruce	10	Pole	6	
Red Maple	10	Pole	8	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Full	Variable	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																						
<b>74</b>	4115 - Y.Birch, Hemlock NH	Sawtimber Well	46.5	107	51-80	N/A	The south end of the stand is very wet and has poor timber. There is a lot of cedar with sparse red maple.																																																																						
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Canopy Species	% Cover	Size Class	DBH	Age																																																																									
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<b>75</b>	622 - Lowland Shrub	Nonstocked	43.7			No																																																																							
<b>76</b>	623 - Emergent Wetland	Nonstocked	2.5			No																																																																							
<b>77</b>	500 - Water	Nonstocked	1.6			No																																																																							
<b>78</b>	42110 - Planted Red Pine	Poletimber Well	38.4	26	Immature	N/A	Red Pine is looking good. 4-6" DBH and 1-2 sticks. Decent amount of balsam fir mixed in.																																																																						
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<b>79</b>	4191 - Mixed Upland Deciduous with Conifer	Sapling Well	11.4	8	Immature	N/A	Lots of Black cherry and red maple. Stand was cut in 2015.																																																																						
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<b>80</b>	4134 - Aspen, Spruce/Fir	Sapling Well	10.0	27	Immature	N/A	Decent aspen stand. Lots of spruce and fir.																																																																						
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81	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	3.3	85	81-110	N/A	Birch, aspen island. Access would be very difficult even in the coldest winter. Water in surrounding stand appears to be moving. Data carried forward from previous inventory																																												
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82	330 - Low-Density Trees	Nonstocked	5.5			No	This should get cut to maintain the opening next time there is an adjacent timber sale																																												
83	623 - Emergent Wetland	Nonstocked	6.6			No																																													
85	500 - Water	Nonstocked	1.8			No																																													
86	4130 - Aspen	Sapling Well	33.5	13	Immature	N/A	Good looking aspen																																												
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87	6112 - Lowland Aspen	Poletimber Medium	25.3	41	51-80	N/A	Variable stand of low wet aspen with drainages and tag alder. Check next YOY for possible harvest																																												
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88	310 - Herbaceous Openland	Nonstocked	1.1			No																																													
89	4134 - Aspen, Spruce/Fir	Poletimber Well	25.0	46	51-80	N/A	The aspen isn't great in this stand. Its sort of a Mackinac mix throughout. Many saplings still.																																												
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<b>90</b>	4112 - Maple, Beech, Cherry Association	Sawtimber Well	99.4	104	51-80	N/A	Mostly sugar and red maple with a basal area is 70-80. The understory is full of balsam fir and not much hardwood. Most of this stand was select cut last entry. (World Series Mix) The portion of the stand east of JT Camp was thinned in 2014.																																																				
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<b>91</b>	310 - Herbaceous Openland	Nonstocked	2.6			No																																																					
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<b>93</b>	622 - Lowland Shrub	Nonstocked	9.1			No																																																					
<b>94</b>	4191 - Mixed Upland Deciduous with Conifer	Sapling Well	30.6	39	1-50	N/A	Balsam fir has taken over the stand. Was formerly inventoried as an M3 stand. There are pockets of maple.																																																				
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<b>95</b>	6220 - Alder/willow	Nonstocked	7.3		Immature	No																																																					
<b>96</b>	622 - Lowland Shrub	Nonstocked	1.4			No																																																					
<b>97</b>	622 - Lowland Shrub	Nonstocked	2.0			No																																																					
<b>98</b>	6229 - Mixed lowland shrub	Nonstocked	1.3	0		No																																																					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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**99** 4191 - Mixed Upland Deciduous with Conifer      Sawtimber Well      3.3      66      81-110      N/A      Narrow strip of mixed timber.

Canopy Species	% Cover	Size Class	DBH	Age
Northern White Cedar	5	Pole/Log	8	
Paper Birch	10	Pole/Sapling	5	
White Spruce	5	Log/Pole	10	
Red Maple	25	Log/Pole	10	
Balsam Fir	15	Pole	7	
Quaking Aspen	35	Log/Pole	13	66
Balsam Poplar	5	Pole	8	

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Low	5 - 10 feet	Sapling
Balsam Fir	Low	5 - 10 feet	Sapling

**100** 6229 - Mixed lowland shrub      Nonstocked      2.0      0      No      The aspen regen is doing pretty good. Pretty wet in some areas.

**101** 330 - Low-Density Trees      Nonstocked      2.9      No