

Compartment Review Presentation

Sault Ste. Marie Forest Management Unit

Compartment 45128

Entry Year: 2027

Acreage: 1,752

County: Mackinac

Management Area: St. Ignace Lake Plain

Stand Examiner: Christian Gabler

Legal Description:

T44N-R7W Sections 22, 23, 24 & 26, Hendricks Township.

Identified Planning Goals:

The cover type composition includes northern hardwood, upland and lowland aspen, planted red pine, upland and lowland mixed deciduous, cedar, lowland conifer, spruce, and mixed conifer. The compartment also has 424 acres of MNFI identified muskeg. This compartment sees regular harvest each entry period. Many of the stands within the compartment are at or above average in productivity. Only a handful of stands site index are below average. The majority of the hardwood in the compartment was treated two entry periods ago. The remaining hardwood was treated last entry. There are swaths of acres that have reached silvicultural requirements for management for the 2027 YOE. There are aspen stands ready to be final harvested along with stands of hardwood that will respond well to thinning treatments.

Soil and topography:

The uplands are generally 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 compartment is primarily surrounded by state land. There is some private ownership on the interior of the compartment. Section 22 has two private forties; section 23 has 6 private forties and section 26 is entirely state owned. Fiborn Quarry lies to the northwest. Also, there are several camps on the adjacent private lands. SEC 24 T44N R7W NE 1/4, E 1/2 OF NW 1/4, NE 1/4 OF SE 1/4. 280.00 acres were sold to Graymont (RP)LLC in 2017. These parcels were a part of compartment 45129. The remaining adjacent parcels to compartment 128 from the sale that were a part of 45129 were reallocated to compartment 45128.

Unique Natural Features:

There is a potential for rare threatened or endangered plant and animal species within the compartment. Fiborn Quarry, caves, and other karst features lie to the northwest. Stands to be managed will be checked for species of concern. If unique natural features/TES are found in a stand designated for management, operations will be adjusted to follow management guidelines accordingly.

Archeological, Historical, and Cultural Features:

Fiborn Quarry, the old town of Fiborn, and the Canadian Nation Railroad are just north of the compartment

Special Management Designations or Considerations:

None.

Watershed and Fisheries Considerations:

This compartment contains the South Branch of the Hendrie River, which is classified as a designated trout stream and is known to contain populations of wild and self-sustaining Brook Trout. Stands containing treatments that will be susceptible to aspen regeneration, such as 004, should adhere to the designated trout stream buffer of 300 feet. For stands with treatments not susceptible for aspen regeneration, a minimum 100-foot, plus 5 feet per 1% increase in slope, Riparian Management Zone is recommended to protect these areas in accordance with BMP's. The wetland areas are a major supplier of groundwater to the South Branch of the Hendrie River, so prescribed treatments should use standard BMP's near any wetland area.

Wildlife Habitat Considerations:

Compartment 128 is part of the St. Ignace Lake Plain Management Area where featured wildlife species include American marten, American woodcock, black bear, blackburnian warbler, black-throated blue warbler, ruffed grouse, sharp-tailed grouse, snowshoe hare, and white-tailed deer. It is a diverse compartment composed of mixed forest, lowland brush, spruce, lowland conifer, with some hardwood and aspen scattered throughout. Some private inholdings reduce contiguity across the compartment. County Road H-40 divides the compartment. Much of the area south of the H-40 is lowland, and includes the northern part of a larger muskeg. North of this are the variety of types ranging from northern hardwoods and red pine to lowland forest and brush. The entire compartment is part of a deer wintering complex. Some stands are

prescribed to encourage new growth. This includes thinning northern hardwoods and harvesting lowland hardwoods and some aspen. Some of the treatments will promote young growth favorable to ruffed grouse, woodcock, snowshoe hare, deer, and others. Wetlands including the muskeg will be protected. Harvests will generally be done during the winter months, and areas of closed canopy conifer will be left to maintain cover for wintering deer and other species. The limited access, retained stands, and diversity, within the rest of this compartment will favor other species like bear and marten.

Mineral Resource and Development Concerns and/or Restrictions

Sections 22-24 & 26, T44N R7W, Mackinac County No known potential exists for commercial oil & gas production in this part of the state, and there is no known potential for economic production of metallic minerals in this area. Multiple active commercial aggregate operations exist roughly two miles southwest of the compartment. Bedrock is also at or near the surface across the area, consisting of high-purity limestone, and the area southwest of the compartment was part of the large land transaction completed with Graymont in 2014 for future development of this resource. In addition, the former Fiborn Quarry abuts the compartment to the northwest. The compartment consists primarily of low wetlands, which would inhibit surface mining, but there may be some potential for aggregate development on the small upland areas.

Vehicle Access:

H-40 is a Class A road that spans through the center of the compartment. The west edge is bordered by the Fiborn Quarry Road, which is a gravel county road. The upland islands located in southern section of the compartment can be accessed from the Molly-Gibson Road. The Molly-Gibson is a state owned gravel road (poor) within the compartment. Its drivable section connects with H-40 and ends on the east edge of the compartment. There are also several two track roads that access stands throughout the compartment that have been maintained at time of harvest in the past.

Survey Needs:

A survey corner is needed in the NW 1/4 of the NW 1/4 in Section 26.

Recreational Facilities and Opportunities:

The Molly-Gibson Road is a groomed snowmobile trail in the winter. No other formal recreational facilities exist within this compartment. However, the area is used for hunting deer, bear, and small game. There is also ample trapping opportunity. There is active snowmobiling and ORVing engagement throughout the year.

Fire Protection:

This is a low fire danger area. The stable water source for the compartment would be the Hendrie River. Alternative options that are less reliable and seasonally dependent are beaver ponds.

Additional Compartment Information:

None.

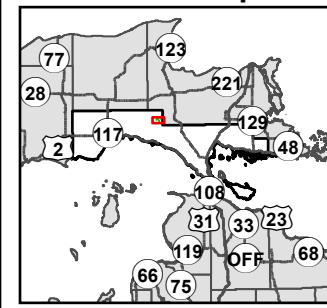
The following reports from the Inventory are attached:

- 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**

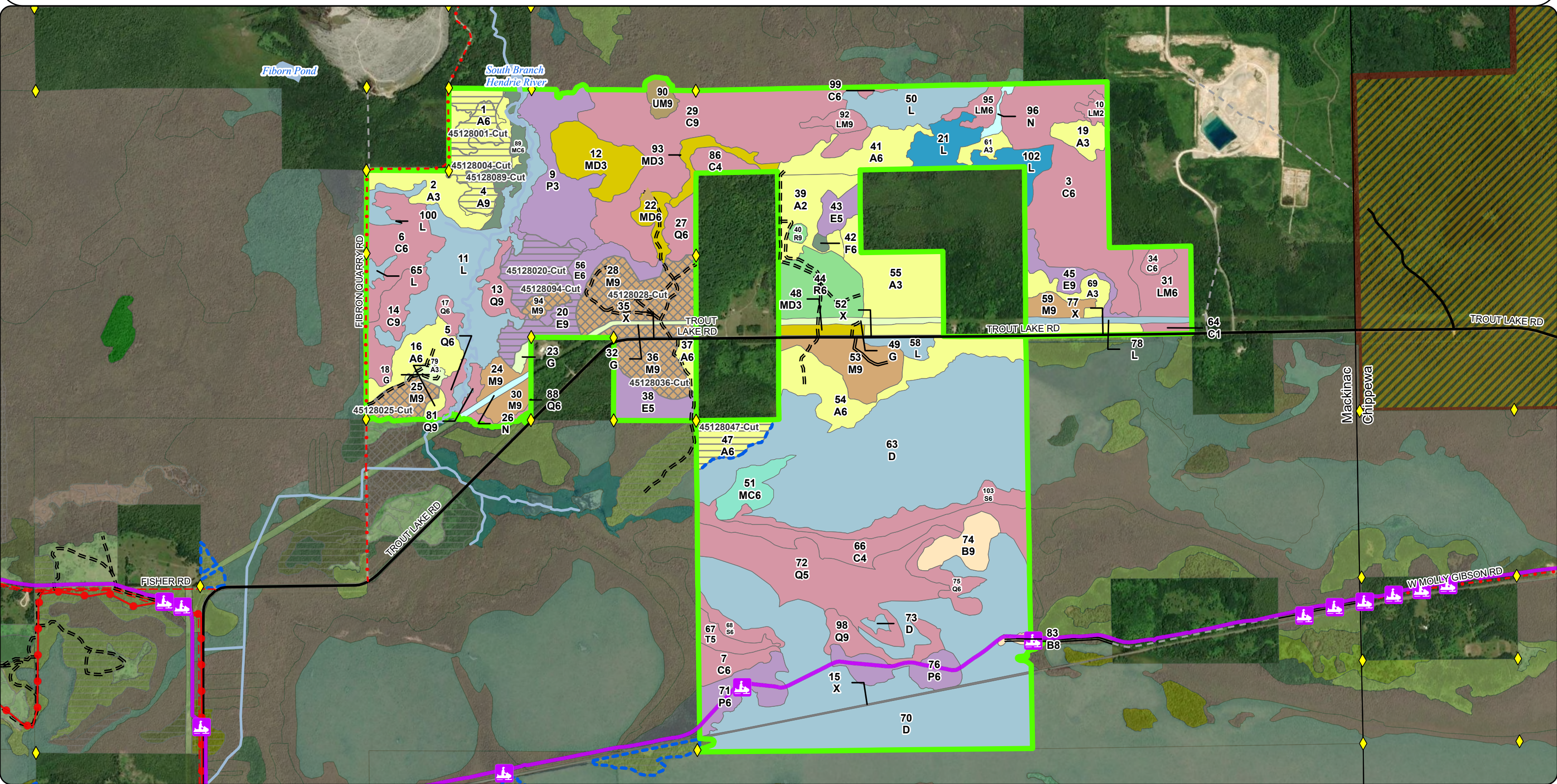
Cover Type & Treatments Map



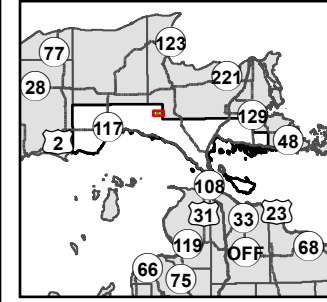
Compartment: 45128
 T44N, R07W, Sec: 22, 23, 26
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 Unit: Sault Ste. Marie
 Mgmt. Area: St. Ignace Lake Plain
 YOE: 2027
 Acres: 1,752 GIS Calculated
 Examiner: Christian Gabler
 Date Exported: 2/4/2026
 Map Phase: Post Review

- Survey Grade Corners
- Berm
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Streams
- Lakes and Rivers
- Compartment Boundary
- Clearcut
- Selection
- Treatments with Site Conditions
- 411 - Northern Hardwood
- 413 - Aspen

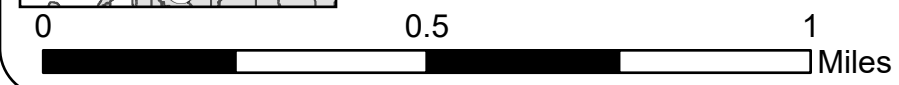
- 414 - Other Upland Deciduous
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
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- 613 - Lowland Mixed Forest
- 122 - Road/Parking Lot
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- 622 - Lowland Shrub
- 623 - Emergent Wetland
- 629 - Mixed non-forested Wetland



Cover Type & Treatments Map

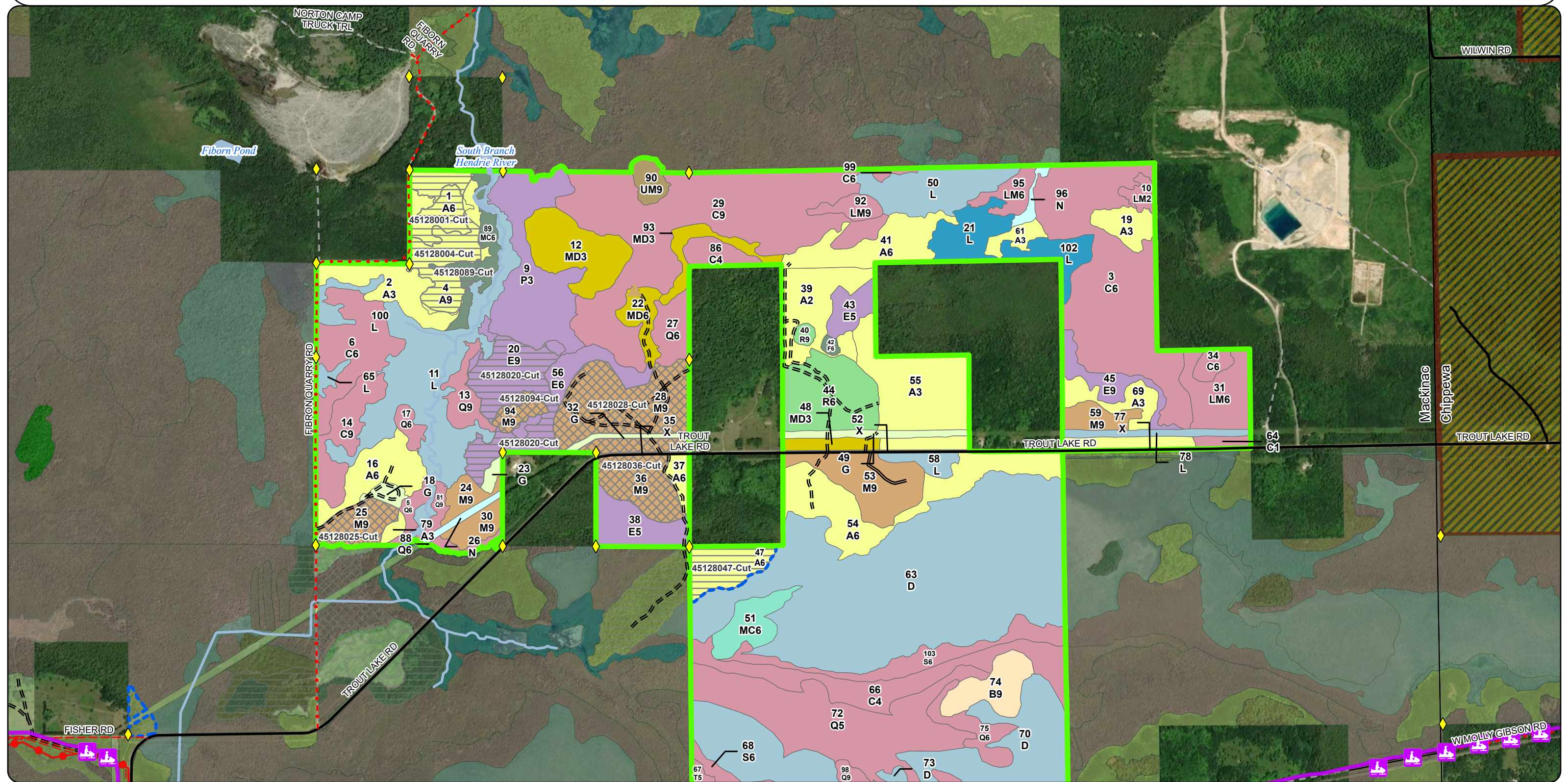


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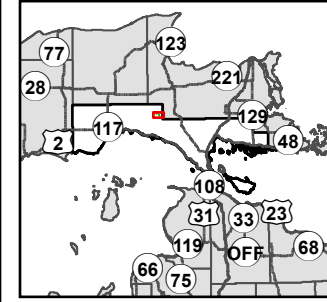


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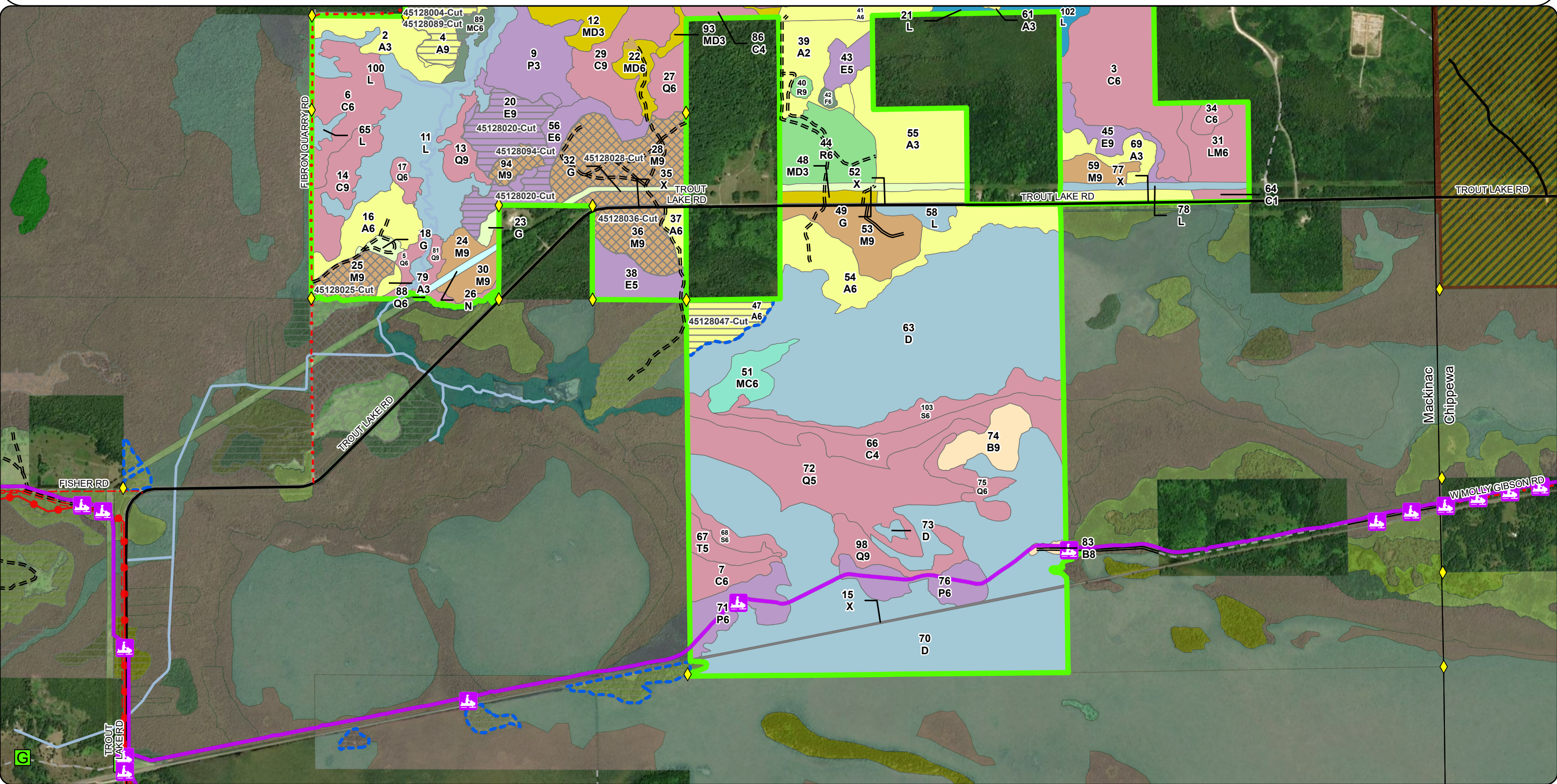
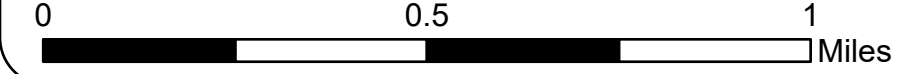
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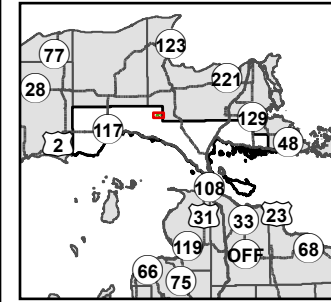
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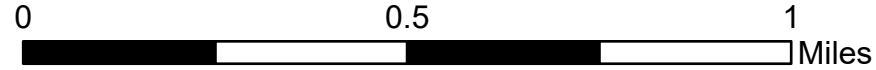
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Stand Boundary Map

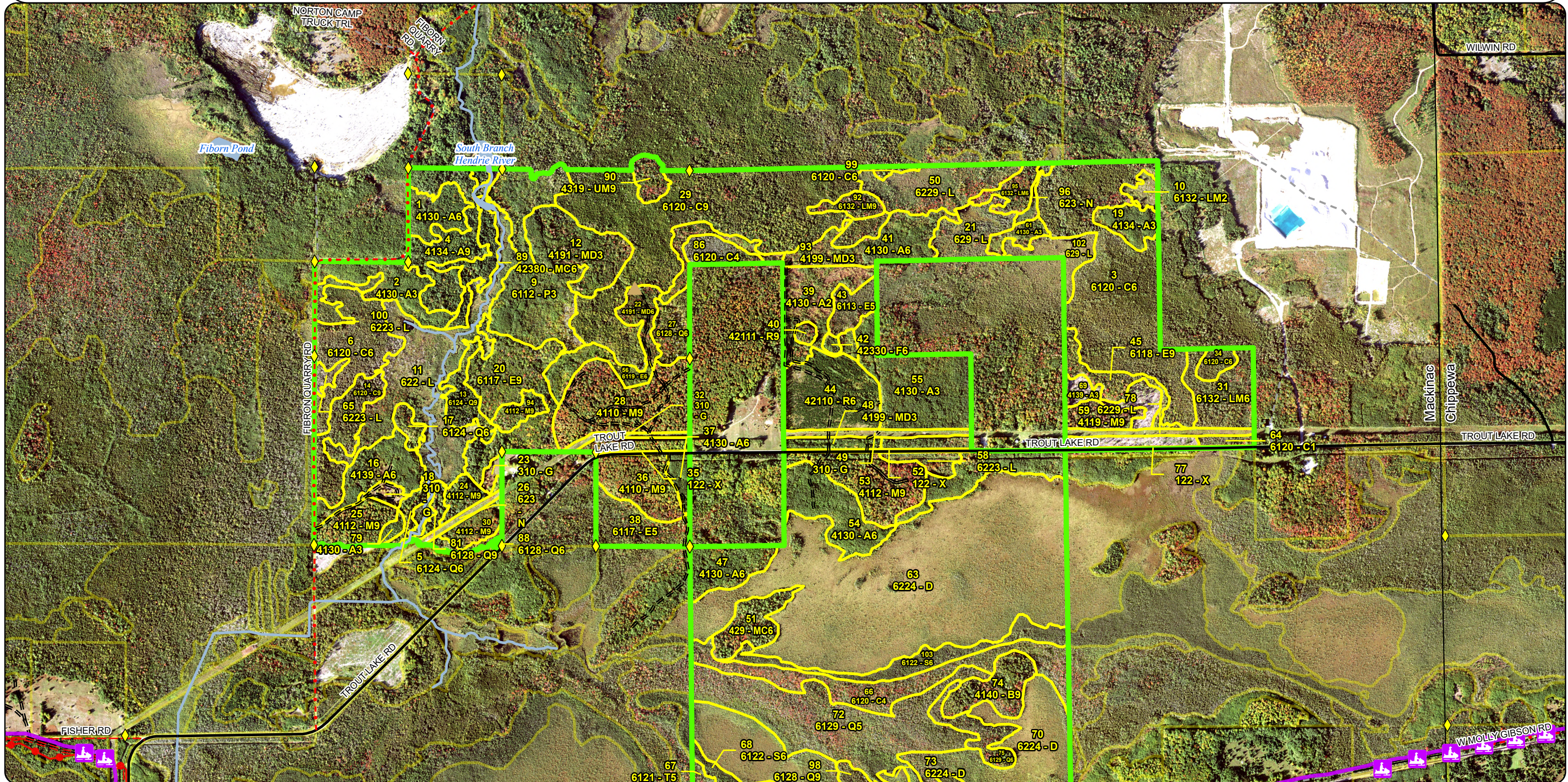


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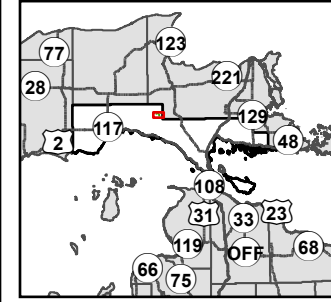


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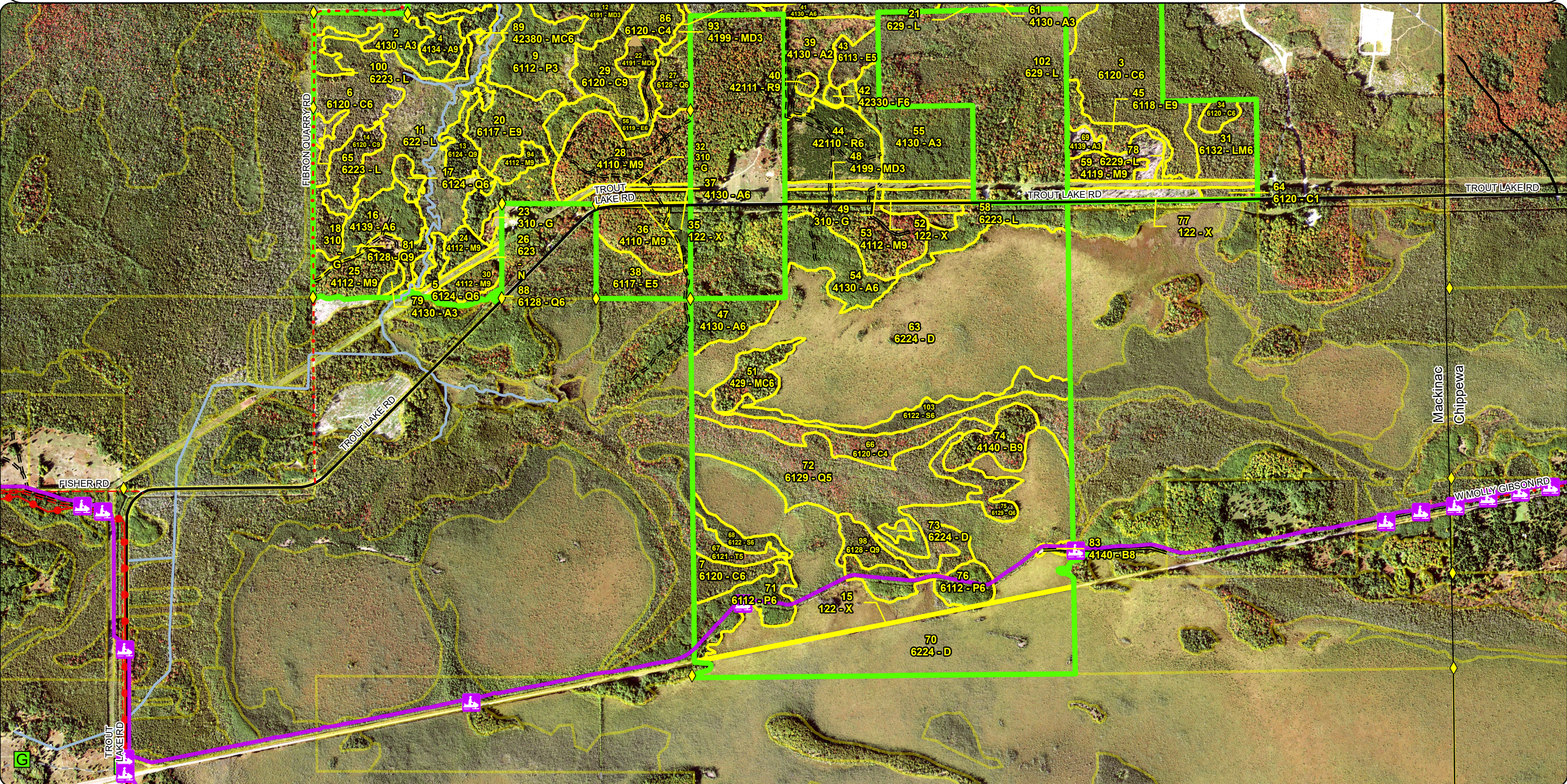
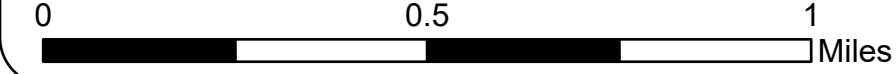
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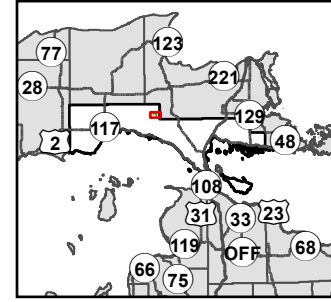
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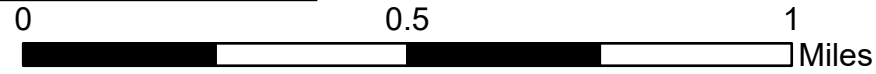
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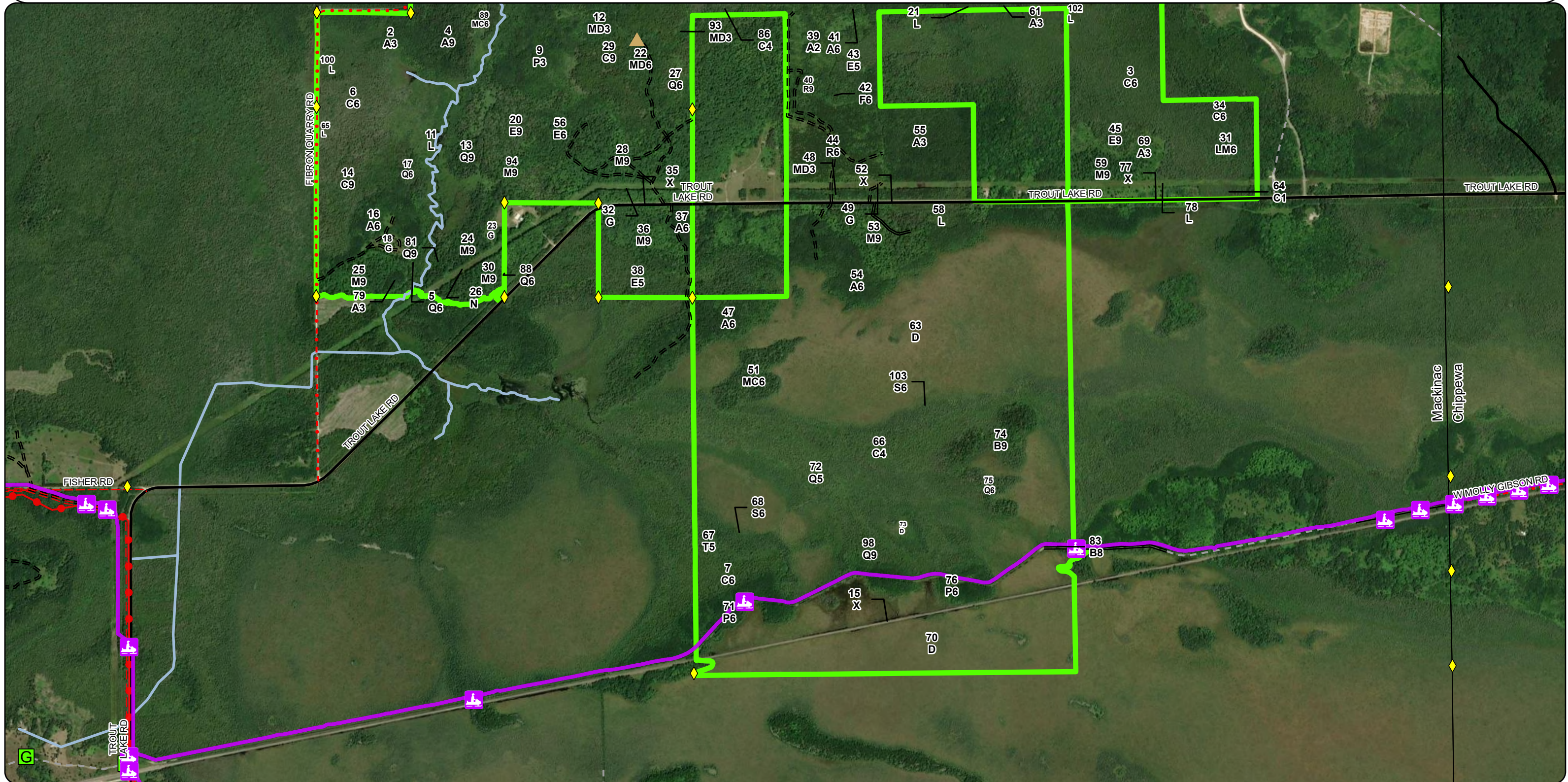
**Special Conservation Areas
& Site Conditions Map**



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- Compartment Boundary
- Stand Boundaries
- Cold Water Streams
- High Priority Trout Stream Buffer
- Deer Winter Range



Report 1 – Total Acres by Cover Type and Age Class

Sault Ste. Marie Mgt. Unit
Christian Gabler: Examiner

Compartment 128 Year of Entry 2027

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+	Unseen-Aged	Total
Aspen	0	17	2	83	99	11	40	0	0	0	0	0	0	0	0	0	0	0	252
Cedar	0	0	0	0	0	0	0	0	3	0	0	19	201	80	0	0	0	0	303
Herbaceous Openland	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14
Lowland Aspen/Balsam Poplar	0	0	0	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80
Lowland Conifers	0	0	0	0	0	3	0	0	11	9	10	10	83	0	0	0	0	0	126
Lowland Deciduous	0	0	0	0	10	0	0	55	0	16	0	0	0	0	0	0	0	0	81
Lowland Mixed Forest	0	0	4	0	0	0	0	0	19	0	7	5	0	0	0	0	0	0	35
Lowland Shrub	134	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	134
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	0	0	0	7	0	19	0	0	0	0	26
Marsh	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Mixed Upland Deciduous	0	0	6	8	25	8	0	0	0	0	0	0	0	0	0	0	0	0	47
Northern Hardwood	0	0	0	0	0	0	0	0	0	12	74	32	0	0	0	0	0	8	126
Paper Birch	0	0	0	0	0	0	0	2	0	15	0	0	0	0	0	0	0	0	17
Red Pine	0	0	0	30	0	0	0	0	0	2	0	0	0	0	0	0	0	0	32
Tamarack	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	8
Treed Bog	427	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	427
Upland Conifers	0	0	0	0	0	12	0	0	13	0	0	0	0	0	0	0	0	0	25
Upland Mixed Forest	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	6
Upland Spruce/Fir	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Urban	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Total	589	17	12	201	134	34	41	57	54	54	97	73	284	99	0	0	0	8	1754

Report 2 – Treatment Summary

Sault Ste. Marie Mgt. Unit
Year of Entry: 2027

Acres of Harvest

Compartment 128
Total Compartment Acres: 1,752

Commercial Harvest - 356
Harvests with Site Condition - 28
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	46	0	0	0	0	0	0	0	0	46
Lowland Deciduous	33	0	0	0	0	0	0	0	0	33
Northern Hardwood	0	80	0	0	0	0	0	0	0	80
Upland Conifers	3	0	0	0	0	0	0	0	0	3
Total	82	80	0	0	0	0	0	0	0	162

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	162	0	0	0	0	0	0	0	0	162
Next Step	0	0	0	0	0	225	0	0	0	225
Total	162	0	0	0	0	225	0	0	0	386

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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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Approved Treatments:

1	45128001-Cut	9.1	4130 - Aspen	6	42	81-110	Harvest	Clearcut	4134 - Aspen, Spruce/Fir	Planting Record	No
<p><u>Prescription</u> Final harvest Aspen with retention. Use the site condition in the northwest corner of the stand as the retention. Remove all to a 2" DBH. No cut: Cedar, Hemlock, Yellow birch, Oak, White pine. Take care to follow HCP when applicable. Winter harvest between</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> Aspen spp., Conifer spp. Maple spp., Black Cherry, Paper Birch.</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> 10/01/2026</p>											
4	45128004-Cut	22.6	4134 - Aspen, Spruce/Fir	9	53	81-110	Harvest	Clearcut	413 - Aspen	Planting Record	No
<p><u>Prescription</u> Final harvest Aspen with retention. Use the 300ft Hendrie River buffer as the retention. Remove all timber to 2" DBH. No cut Cedar, Hemlock, Yellow Birch, N. Red Oak, White Pine. Take care to follow HCP when applicable. Winter harvest between Dec. 1st- Ma</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> Aspen, Maple spp., Black Cherry, Paper Birch</p> <p><u>Regen:</u></p> <p><u>Other</u> The southwest boundary of the stand has a creek that cuts into the limestone. Crossing the creek can be avoided by going around it but will need to be mapped and buffered by 20 feet on either side.</p> <p><u>Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/01/2026</p>											
20	45128020-Cut	32.7	6117 - Lowland Deciduous, Mixed Coniferous	9	64	111-140	Harvest	Clearcut	6117 - Lowland Deciduous, Mixed Coniferous	Planting Record	No
<p><u>Prescription</u> Final harvest with retention. Remove all timber to 2" DBH. No cut: Cedar, Yellow birch, Hemlock, N. Red Oak, White Pine. There is a 5E and a 3J site condition in the north of the stand to meet retention guidelines. Take care to follow HCP when applicable.</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> Maple, Cedar, Spruce, Fir, Aspen, Birch, Hemlock, White pine.</p> <p><u>Regen:</u></p> <p><u>Other</u> North boundary is quite wet. Might need a site condition delineated at time of sale prep.</p> <p><u>Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/01/2026</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
25 45128025-Cut	12.2	4112 - Maple, Beech, Cherry Association	9	82	1-50	Harvest	Selection	4112 - Maple, Beech, Cherry Association	Planting Record	No
<p><u>Prescription</u> Mark stand to 60-80 BA. Promote biodiversity by leaving underrepresented species where possible. Take care to follow HCP when applicable. Winter harvest between Dec. 1st- Mar. 31st.</p> <p><u>Next Step</u> Monitoring, Natural Regen (Intermediate)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Sugar maple, Red maple, Yellow birch, Black cherry; moderate to fully stocked</p> <p><u>Other Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/01/2026</p>										
28 45128028-Cut	44.4	4110 - Sugar Maple Association	9	94	51-80	Harvest	Selection	4112 - Maple, Beech, Cherry Association	Planting Record	No
<p><u>Prescription</u> Mark stand to 60 BA. Create, at most, one regeneration gap per two acres using the gap size guidance. Expand gaps where good advance regeneration is present. Leave large decadent trees for wildlife habitat when feasible. Create new gaps where poor light</p> <p><u>Next Step</u> Monitoring, Natural Regen (Intermediate); Monitoring, Natural Regen (Intermediate)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Sugar maple, Red maple, Yellow birch, Black cherry</p> <p><u>Other Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/01/2026</p>										
36 45128036-Cut	18.4	4110 - Sugar Maple Association	9	99	81-110	Harvest	Selection	4112 - Maple, Beech, Cherry Association	Planting Record	No
<p><u>Prescription</u> Mark stand to 60-80 BA. Create, at most, one regeneration gap per one acre using the gap size guidance. Expand gaps where good advance regeneration is present. Create new gaps where poor light conditions exist for regeneration. Leave tops to protect regen</p> <p><u>Next Step</u> Monitoring, Natural Regen (Intermediate); Monitoring, Natural Regen (Intermediate)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Sugar maple, Red maple, Yellow birch, Black cherry</p> <p><u>Other Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/01/2026</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
47 45128047-Cut	14.4	4130 - Aspen	6	53	Unspecified	Harvest	Clearcut	413 - Aspen	Planting Record	No
<p><u>Prescription</u> Harvest all deciduous over 2" DBH and all conifer over 4" DBH. Exclude overly wet areas and areas of immature aspen. Leave white pine over 20" DBH. Retain a couple large aspen in the treatment boundary. Retain a patch of representative composition wit</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> Aspen, spruce, fir, maple, cherry, pine, birch.</p> <p><u>Other Comment:</u> Survey needed.</p> <p><u>Site Condition:</u> Survey Needed</p> <p><u>Proposed Start Date:</u> 10/01/2026</p>										
89 45128089-Cut	2.8	42380 - Non Pine Upland Conifer, Mixed Deciduous	6	42	81-110	Harvest	Clearcut	413 - Aspen	Planting Record	No
<p><u>Prescription</u> Final harvest Aspen with retention. Use the 300ft Hendrie River buffer as the retention. Cut to a 2" spec. No cut Cedar, Hemlock, Yellow Birch, N. Red Oak, White Pine. Take care to follow HCP when applicable. Winter harvest between Dec. 1st- Mar. 31st. Cu</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> Aspen, Birch, Red maple, Black cherry</p> <p><u>Other Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/01/2026</p>										
94 45128094-Cut	5.2	4112 - Maple, Beech, Cherry Association	9	94	111-140	Harvest	Selection	4119 - Mixed Northern Hardwoods	Planting Record	No
<p><u>Prescription</u> Thin maple to 60-80 BA. Designate all spruce, fir and aspen for removal down to 2" regardless of merchantability. Thin other species as needed to reach 60-80 BA. No cut species: White cedar, Yellow birch, Hemlock, N. Red Oak, White pine. Remove no cut spe</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Intermediate)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Maple spp., White cedar, Yellow birch, White pine</p> <p><u>Other Comment:</u> Timber sale prep would be easiest to green mark leave trees and designate species for removal/no cut.</p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/01/2026</p>										

Total Treatment Acreage Proposed: 161.8

Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit
Christian Gabler: Examiner

Compartment: 128
Year of Entry: 2027

Availability for Management

Total Acres	Acres Available	Acres Avail		Acres Not Available		Dominant Site Conditions						
		With Condition				2I	2G	2H	3H	3J	3L	
174	139	14		21	Aspen	14	6				12	2
302	3	0		299	Cedar					299		
14	14	0		0	Herbaceous Openland							
50	37	0		13	Lowland Aspen/Balsam Poplar						13	
121	24	0		97	Lowland Conifers		80				18	
81	47	0		35	Lowland Deciduous		35					
35	22	0		13	Lowland Mixed Forest		13					
134	69	0		66	Lowland Shrub						66	
26	0	0		26	Lowland Spruce/Fir		19			7		
5	5	0		0	Marsh							
47	47	0		0	Mixed Upland Deciduous							
101	95	0		6	Northern Hardwood		4				2	
17	2	0		15	Paper Birch			15				
31	31	0		0	Red Pine							
8	0	0		8	Tamarack		8					
427	427	0		0	Treed Bog							
22	13	0		9	Upland Conifers						9	
6	0	0		6	Upland Mixed Forest							6
1	1	0		0	Upland Spruce/Fir							
9	9	0		0	Urban							
1,610	984	14		611	Total Forested Acres	14	164	15	306	119		8
	61%	1%		38%	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	Available	2I: Survey needed	14	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

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Compartment: 128

Year of Entry: 2027

2	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	119	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Hendrie River buffer (300ft). No final harvest in this buffer.							
3	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	86	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
4	Unavailable	3L: Other wildlife concerns	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	16	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	2	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
Comments: Exclusion is too west for conventional harvest. Use as long-term retention.							

Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

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Compartment: 128

Year of Entry: 2027

8	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
9	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
10	Unavailable	5E: Long-Term Retention	1	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments: Dense cedar with sensitive soils.							
11	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	111	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
12	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Christian Gabler: Examiner

Compartment: 128

Year of Entry: 2027

13	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
14	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
15	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
16	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
17	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	46	Unspecified	Unspecified	Unspecified	Unspecified
Comments: 3H: Obligate deer yard.							
18	Unavailable	3L: Other wildlife concerns	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments: No cut aspen to deter beaver activity.							

Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Compartment: 128

Christian Gabler: Examiner

Year of Entry: 2027

19	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
20	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Left due to soil sensitivity in the past.							
21	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Wet ground surrounding the stand. The stand is blocked by two creeks to the east. A road could possibly be built along the beaver dam.							
22	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Obligate deer yard.							
23	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Compartment: 128

Christian Gabler: Examiner

Year of Entry: 2027

24	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
25	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Obligate deer yard.							
26	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	15	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Lowlands between this stand and the Molly-Gibson prohibits access.							
27	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
28	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	69	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Christian Gabler: Examiner

Compartment: 128

Year of Entry: 2027

29	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	19	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
30	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	34	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							
31	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Good timber but hard to get to (bog).							
32	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

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

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																				
1	4130 - Aspen	Poletimber Well	11.4	42	81-110	N/A	2027 YOE: NW quarter of the stand is very wet and growing cedar and tag alder. The rest of the stand is growing decent aspen.																																																				
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2	4130 - Aspen	Sapling Well	17.5	38	Unspecified	N/A	Nice Aspen Stand, some balsam in the understory but overall pretty open.																																																				
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3	6120 - Lowland Cedar	Poletimber Well	85.5	115	Unspecified	N/A	Large stand of lowland cedar. There are scattered areas with some birch and a few tamarack. Overall nice cedar, but small. very thick in places. There is a creek that runs north from south in the NE1/4 of the NE1/4 in Sec. 23.																																																				
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4	4134 - Aspen, Spruce/Fir	Sawtimber Well	25.6	53	81-110	N/A																																																					
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
5	6124 - Lowland Spruce-Fir	Poletimber Well	4.1	73	51-80	N/A	Mackinac Mix stand along river.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Red Maple		10	Pole	8		Conifers	
Quaking Aspen		20	Pole	7		High	
Balsam Fir		25	Pole	6		Variable	
White Spruce		40	Pole	7	73	Variable	
Northern White Cedar		5	Pole/Sapling	6			
6	6120 - Lowland Cedar	Poletimber Well	28.4	125	51-80	N/A	Poor cedar stand with some white birch and nice yellow birch. There is also some white pine and soft maple, but both are less than 2%. Incredibly small management opportunity.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Yellow Birch		5	Log	12		Tag Alder	
Paper Birch		10	Log/Pole	10		Low	
Northern White Cedar		85	Pole	8	125	5 - 10 feet	
						5 - 10 feet	
7	6120 - Lowland Cedar	Poletimber Well	10.1	108	Unspecified	N/A	Decent cedar stand, cedar seedlings doing well. Extremely wet, some white birch is dying.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Paper Birch		5	Pole	8		Balsam Fir	
Balsam Fir		5	Pole	6		Low	
Black Spruce		5	Pole/Sapling	6		5 - 10 feet	
Northern White Cedar		80	Pole/Sapling	6	108	5 - 10 feet	
Tamarack		5	Pole	8		Northern White Cedar	
						Medium	
						Variable	
						Variable	
9	6112 - Lowland Aspen	Sapling Well	43.3	24	Immature	N/A	Stand was coded as an upland brush stand last entry. The regeneration has now started growing pretty good. This is a wetter site and it took a little longer to regenerate. 2027 YOY: The stand is coming along nicely.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Red Maple		10	Sapling	2			
Paper Birch		10	Sapling	2			
Quaking Aspen		40	Sapling	2	24		
Balsam Poplar		15	Sapling	2			
Balsam Fir		5	Sapling	3			
White Spruce		5	Sapling	3			
Northern White Cedar		5	Pole/Sapling	5			
Tamarack		5	Sapling	3			
Black Cherry		5	Sapling	3			
10	6132 - Mixed Lowland Forest with Cedar	Sapling Medium	3.8	11	Immature	N/A	Cut in 2016.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Red Maple		15	Sapling	1		Conifers	
Quaking Aspen		30	Sapling	2	11	Low	
Balsam Fir		20	Sapling	2		Variable	
White Spruce		15	Sapling	2		Variable	
Northern White Cedar		20	Pole	8			

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
11	622 - Lowland Shrub	None	65.5			No	The southwest finger of stand 11 (2027 YOE) was harvested multiple entries ago that was typed as a lowland aspen. There was poor regeneration, but a poor stocking of aspen is there. In the future this could possibly be its own stand again if tag alder doesn't suffocate the area. This area is also at the mercy of a thriving local beaver population.

12	4191 - Mixed Upland Deciduous with Conifer	Sapling Well	25.2	33	Immature	N/A	2027 YOE: Most of the stand is immature or sapling size, however, there are areas of large diameter trees in the east half of the stand.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	10	Sapling/Pole/Log	4		Balsam Fir	Low	5 - 10 feet	5 - 10 feet
Paper Birch	20	Sapling/Pole	3	33				
Quaking Aspen	10	Sapling	2					
Balsam Fir	30	Sapling/Pole	3	33				
Northern White Cedar	10	Sapling/Pole	4					
Black Cherry	20	Sapling	2					

13	6124 - Lowland Spruce-Fir	Sawtimber Well	8.8	82	81-110	N/A	2027 YOE: Neat MC stand with large spruce and decadent maple. Much of the stand is in a RMZ.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	20	Pole	8		Balsam Fir	Low	Variable	Variable
Yellow Birch	10	Log	12					
Quaking Aspen	5	Log	10					
Balsam Fir	25	Pole	6					
White Spruce	30	Log/Pole	10	82				
Northern White Cedar	10	Pole/Log	8					

14	6120 - Lowland Cedar	Sawtimber Well	17.7	125	Unspecified	N/A	Cedar stand with some white birch and nice yellow birch. There is also some white pine and soft maple but both are less than 2%. At least 30% of the cedar is in the log size class.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Yellow Birch	5	Log	12		Tag Alder	Low	5 - 10 feet	5 - 10 feet
Paper Birch	15	Pole/Log	9		Balsam Fir	Low	Variable	Variable
Black Spruce	5	Pole	7		Black Spruce	Low	Variable	Variable
Northern White Cedar	70	Pole/Log	9	125	Northern White Cedar	Trace	5 - 10 feet	5 - 10 feet
Tamarack	5	Pole/Log	9					

15	122 - Road/Parking Lot	None	3.8			No	
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																
16	4139 - Aspen, Mixed Deciduous	Poletimber Well	18.0	23	Unspecified	N/A	Stand cut during winter of '03 - '04,. Nice aspen. transitioning into pole classes.																																																																
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17	6124 - Lowland Spruce-Fir	Poletimber Well	3.8	73	Unspecified	N/A	Mackinac Mix stand along river. Heavy beaver activity and damage.																																																																
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18	310 - Herbaceous Openland	None	3.0			No	Opening with some open grown trees. Could be managed for wildlife or planted to hardwood. The area is upland and regenerates northern hardwood well.																																																																
19	4134 - Aspen, Spruce/Fir	Sapling Well	8.5	28	Immature	N/A	The stand is regenerating as an aspen mix. This stand was cut in 1998.																																																																
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20	6117 - Lowland Deciduous, Mixed Coniferous	Sawtimber Well	36.4	64	111-140	N/A	Good mix of a variety of species both tolerant and intolerant of water and shade. Some of the stand has pockets of decaying Black ash and Elm. Wetter areas have a mix of Ash, Birch, and Maple. Records show of an Ash, Elm, R.M dominated stand. Less shade tolerant hydric tolerant species has colonized. Decent chance at winter harvest. Some wet areas throughout. The remaining 15% logs should be found in the soft maple.																																																																
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21	629 - Mixed non-forested Wetland	None	14.9			No																																																																	

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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22 4191 - Mixed Upland Deciduous with Conifer Poletimber Well 8.3 42 51-80 N/A Variable stand, a little of everything. This stand is just transitioning into poles. Harvested in 1984, the stand was managed for a balsam and hardwood mix. There was T.S.I. work done in 1990.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	25	Pole/Sapling	6	42	Red Maple	Low	Variable	Variable
Paper Birch	20	Pole/Sapling	6	42	Balsam Fir	Low	Variable	Variable
Balsam Fir	20	Pole/Sapling	6					
White Spruce	5	Sapling/Pole	4					
Northern White Cedar	10	Sapling/Pole	4					
Black Cherry	20	Sapling/Pole	4					

23 310 - Herbaceous Openland None 2.1 No

24 4112 - Maple, Beech, Cherry Association Sawtimber Well 6.0 92 81-110 N/A Stand thinned in 2020 in Trout Lake Mix. Good stump sprouting. Most of which is free to grow. High percentage of large aspen around 67 years of age.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	37	Log/Pole	12		Balsam Fir	Low	10 - 20 feet	10 - 20 feet
Red Maple	42	Log/Pole	12	92	Sugar Maple	Low	5 - 10 feet	5 - 10 feet
Beech	1	Log/Pole	12		Red Maple	Low	5 - 10 feet	5 - 10 feet
Paper Birch	5	Pole/Log	9		Paper Birch	Low	5 - 10 feet	5 - 10 feet
Bigtooth Aspen	10	XLog/Log	18					
White Spruce	2	Log	15					
Black Cherry	3	Pole/Log	8					

25 4112 - Maple, Beech, Cherry Association Sawtimber Well 12.2 82 1-50 N/A Decent hardwood stand, thinned in the summer of 2010.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	60	Log/Pole	12	82	Beech	Low	10 - 20 feet	10 - 20 feet
Red Maple	35	Log/Pole	12		Balsam Fir	Low	10 - 20 feet	10 - 20 feet
Beech	4	Log	12		Sugar Maple	Low	5 - 10 feet	5 - 10 feet
Hemlock	1	Log	14		Red Maple	Low	5 - 10 feet	5 - 10 feet

26 623 - Emergent Wetland None 2.9 No Utility line

27 6128 - Lowland Coniferous, Mixed Deciduous Poletimber Well 10.1 93 51-80 N/A Stand was cut in the winter of 2010. The north part has a lot of cedar left and the south has more deciduous saplings. The subcanopy age is from the cutting record. Cedar was a leave behind species.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	15	Sapling	3		Red Maple	Low	Variable	Variable
Yellow Birch	15	Pole/Sap/Log	6		Balsam Fir	Low	Variable	Variable
Paper Birch	5	Pole/Sapling	6					
Balsam Fir	20	Pole/Sapling	6					
Northern White Cedar	35	Pole	6	93				
Hemlock	5	Pole/Log	9					
Black Cherry	5	Sapling/Pole	3					

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
28	4110 - Sugar Maple Association	Sawtimber Well	44.4	94	51-80	N/A	Nice hardwood site, regen is doing really well in previous cutting's regen gaps. Stand was thinned in the summer of 2010. (Heathers Hardwood). T.S.I. entry in 1977.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Sugar Maple		85	Log/Pole	12	94	Sugar Maple	
Red Maple		3	Log	12		Striped Maple	
Yellow Birch		5	Log	12		Beech	
Beech		5	Log	12		Balsam Fir	
Black Cherry		2	Log/Pole	12			
Sub-Canopy Species		Density	Avg. Height		Size		
Sugar Maple		Medium	5 - 10 feet		5 - 10 feet		
Striped Maple		Low	Variable		Variable		
Beech		Low	5 - 10 feet		5 - 10 feet		
Balsam Fir		Low	5 - 10 feet		5 - 10 feet		
29	6120 - Lowland Cedar	Sawtimber Well	111.2	115	111-140	N/A	A lot like stand 91 to the east.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Yellow Birch		5	Log	10		Tag Alder	
Paper Birch		5	Log	10		Balsam Fir	
Quaking Aspen		5	Log	14			
White Spruce		5	Pole	8			
Northern White Cedar		30	Log	10	115		
Northern White Cedar		50	Pole/Sapling	7	115		
Sub-Canopy Species		Density	Avg. Height		Size		
Tag Alder		Low	5 - 10 feet		5 - 10 feet		
Balsam Fir		Low	10 - 20 feet		10 - 20 feet		
30	4112 - Maple, Beech, Cherry Association	Sawtimber Well	7.0	102	111-140	N/A	2027 YOE: South boundary is quite wet. Excellent regeneration.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Sugar Maple		40	Log/Pole	10		Balsam Fir	
Red Maple		45	Log/Pole	10	102	Black Cherry	
White Spruce		10	Pole	8		Paper Birch	
Black Cherry		5	Log	12		Maple (spp.)	
Sub-Canopy Species		Density	Avg. Height		Size		
Balsam Fir		Low	>20 feet		>20 feet		
Black Cherry		Low	5 - 10 feet		5 - 10 feet		
Paper Birch		Low	5 - 10 feet		5 - 10 feet		
Maple (spp.)		Medium	Variable		Variable		
31	6132 - Mixed Lowland Forest with Cedar	Poletimber Well	18.6	74	81-110	N/A	Mixed stand of high and low ground. some aspen and birch on some higher areas radiating to cedar and conifer. Overall smaller size trees. Check again next entry.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Paper Birch		10	Pole/Sap/Log	7		Tag Alder	
Quaking Aspen		20	Pole/Log	8	74	Conifers	
Balsam Poplar		20	Pole/Sapling	7			
Balsam Fir		20	Pole	8			
White Spruce		10	Pole/Sapling	6			
Northern White Cedar		20	Pole	8			
Sub-Canopy Species		Density	Avg. Height		Size		
Tag Alder		Low	5 - 10 feet		5 - 10 feet		
Conifers		Low	Variable		Variable		
32	310 - Herbaceous Openland	None	3.1			No	Utility line
34	6120 - Lowland Cedar	Poletimber Well	4.2	111	Unspecified	N/A	2027 YOE: Denser cedar island in a more open lowland mix
Canopy Species		% Cover	Size Class	DBH	Age		
Red Maple		5	Log/Pole	10			
Paper Birch		5	Log/Pole	10			
Balsam Poplar		5	Log	12			
Northern White Cedar		85	Pole/Sap/Log	7	111		

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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35 122 - Road/Parking Lot None 1.0 No H-40

36 4110 - Sugar Maple Association Sawtimber Well 18.4 99 81-110 N/A Nice Hard Maple stand. Stand was thinned in the summer of 2010. (Heathers Hardwood) Really nice crop trees.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	92	Log	13	99	Beech	Low	Variable	Variable
Red Maple	2	Log	14		Balsam Fir	Low	10 - 20 feet	10 - 20 feet
Paper Birch	6	Log	10		Black Cherry	Low	Variable	Variable
					Striped Maple	Low	5 - 10 feet	5 - 10 feet
					Sugar Maple	Low	< 5 feet	< 5 feet
					Red Maple	Low	< 5 feet	< 5 feet
					Paper Birch	Low	Variable	Variable

37 4130 - Aspen Poletimber Well 4.4 29 1-50 N/A Nice young aspen, very little balsam in the understory.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	15	Sapling	3		Balsam Fir	Low	5 - 10 feet	5 - 10 feet
Quaking Aspen	80	Pole/Sapling	6	29				
Black Cherry	5	Sapling	3					

38 6117 - Lowland Deciduous, Mixed Coniferous Poletimber Medium 16.0 86 51-80 N/A Very wet lowland hardwoods with a little bit of everything.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	40	Pole/Log	8	86	Tag Alder	Low	5 - 10 feet	5 - 10 feet
Yellow Birch	5	Pole/Sapling	5		Balsam Fir	Low	5 - 10 feet	5 - 10 feet
Paper Birch	10	Pole/Sapling	5					
Quaking Aspen	10	Pole	9					
Balsam Fir	10	Pole	6					
Black Spruce	5	Pole	6					
Tamarack	20	Pole	6					

39 4130 - Aspen Sapling Medium 23.5 23 Immature N/A This stand was created from the untrenched portion of a red pine clearcut. This portion was allowed to come back to aspen. The wet spots in the stand has impacted the establishment of aspen. Low densities and poor form. Some spots are exclusively paper birch and black cherry.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	10	Sapling	3		Tag Alder	Low	5 - 10 feet	5 - 10 feet
Paper Birch	15	Sapling	4					
Quaking Aspen	60	Sapling	3	23				
Black Cherry	15	Sapling	3					

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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40 42111 - Planted Red Pine, Mixed Deciduous Sawtimber Well 1.7 86 141-170 N/A Small portion of stand left because of hawk nest in stand.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	20	Log	10	
Paper Birch	10	Log	10	
Quaking Aspen	10	Log	12	
Red Pine	60	Log/XLog	14	86

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Low	5 - 10 feet	5 - 10 feet
Balsam Fir	Medium	10 - 20 feet	10 - 20 feet

41 4130 - Aspen Poletimber Well 22.7 29 Unspecified N/A Last cut in 1997 Remnant Ridge (24-97-01). Managed for aspen. Stand has established nicely.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	5	Pole/Sapling	5	
Red Maple	5	Pole/Sapling	5	
Paper Birch	10	Pole/Sapling	6	
Quaking Aspen	70	Pole/Log	9	29
Black Cherry	10	Pole/Sapling	6	

Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	Low	< 5 feet	< 5 feet
Red Maple	Low	< 5 feet	< 5 feet
Balsam Fir	Low	Variable	Variable

42 42330 - Upland Fir Poletimber Well 1.2 54 Unspecified N/A Very thick balsam stand.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	5	Sapling	3	
Paper Birch	5	Sapling	3	
Balsam Poplar	5	Sapling	3	
Balsam Fir	80	Pole/Sapling	5	54
Black Cherry	5	Sapling	3	

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Low	5 - 10 feet	5 - 10 feet
Black Cherry	Low	5 - 10 feet	5 - 10 feet
Balsam Fir	Medium	Variable	Variable

43 6113 - Lowland Maple Poletimber Medium 8.0 62 1-50 N/A wet, variable maple stand with Bam, cedar, and spruce

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	90	Pole/Sapling	6	62
Balsam Poplar	5	Pole	8	
White Spruce	3	Log/Pole	10	
Northern White Cedar	2	Pole	6	

Sub-Canopy Species	Density	Avg. Height	Size
Tag Alder	Low	5 - 10 feet	5 - 10 feet
Northern White Cedar	Low	Variable	Variable
Balsam Poplar	Low	Variable	Variable

44 42110 - Planted Red Pine Poletimber Well 29.6 24 81-110 N/A South part planted in 2009 and the north was done in 2002. There is also red maple in the canopy, especially in areas where red pine didn't take.

Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	5	Sapling	2	
Red Pine	90	Pole	5	24
Black Cherry	5	Sapling/Pole	2	

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments	
45	6118 - Lowland Deciduous with Cedar	Sawtimber Well	10.6	66	81-110	N/A	A transition zone between between lowland and upland. The aspen and birch are reaching the end of their lives. The balsam fir subcanopy is slowly filling in. The gaps left from large fallen aspen are releasing cedar into the canopy. Management recommendation is to cut stand back to a medium to heavy shelterwood to promote new even-aged stumps sprouts. The residual being Cedar, Hemlock, and Yellow birch. However, the wetness of the site could prevent entry.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Red Maple		20	Log/Pole	12		Conifers		
Yellow Birch		5	Log/Pole	14		Paper Birch		
Paper Birch		25	Log/Pole	12	66	Tag Alder		
Quaking Aspen		10	Log/Pole	12	66			
Balsam Fir		10	Pole	8				
Northern White Cedar		25	Pole/Log	8				
Hemlock		5	Pole/Log	9				
47	4130 - Aspen	Poletimber Well	14.4	53	Unspecified	N/A	2027 YOE: Decent aspen stand. Management should continue to be with the aspen to the west of the compartment line.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Quaking Aspen		50	Pole/Sapling	6	53	Balsam Fir		
Bigtooth Aspen		40	Pole	8		Quaking Aspen		
Balsam Fir		5	Pole/Sapling	5				
White Spruce		5	Pole	7				
48	4199 - Other Mixed Upland Deciduous	Sapling Well	5.5	18	1-50	N/A	Stand was cut in 2008. Representative trees were left throughout the stand.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Sugar Maple		31	Sapling/Pole	4	18	Quaking Aspen		
Red Maple		20	Sapling/Pole/Log	4		Red Maple		
Paper Birch		27	Sapling/Pole	3	18	Balsam Fir		
Balsam Fir		2	Sapling/Pole	4				
White Spruce		5	Sapling/Pole	4				
Red Pine		10	XLog/Log	18	86			
Black Cherry		5	Sapling	3	18			
49	310 - Herbaceous Openland	None	6.1			No	Utility line	
50	6229 - Mixed Lowland Shrub	None	24.4			No		
51	429 - Mixed Upland Conifers	Poletimber Well	13.0	71	111-140	N/A	Stand is on a productive site, but mortality is found in the paper birch and aspen. Evidence of spruce budworm is prevalent. Management recommendation is to harvest all trees besides long lived species such as white pine, cedar, and hemlock if present. Note: The balsam/spruce cohort is a decade or so younger than the fast growing early successional species. Some areas of 200+ BA	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Red Maple		10	Pole/Log	9		Red Maple		
Paper Birch		15	Pole	8	84	Balsam Fir		
Bigtooth Aspen		15	Log	12				
Balsam Fir		25	Pole	6	71			
White Spruce		5	Pole/Log	6				
Black Spruce		20	Pole	6				
White Pine		10	Log/Pole/XLog	15				

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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52 122 - Road/Parking Lot None 2.5 No H-40

53 4112 - Maple, Beech, Cherry Association Sawtimber Well 24.7 102 81-110 N/A Stand thinned to 2020 in Trout Lake Mix 45-115-17. Residual BA 80-90.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	40	Log/Pole	12		White Pine	Trace	< 5 feet	< 5 feet
Red Maple	48	Log/Pole	11	102	Black Cherry	Low	5 - 10 feet	5 - 10 feet
Yellow Birch	2	Log	12		Balsam Fir	Low	10 - 20 feet	10 - 20 feet
Beech	6	Log	12		Beech	Low	5 - 10 feet	5 - 10 feet
White Pine	2	Log	15		Sugar Maple	Low	5 - 10 feet	5 - 10 feet
Red Pine	2	Log	15		Red Maple	Low	5 - 10 feet	5 - 10 feet

54 4130 - Aspen Poletimber Well 40.4 35 51-80 N/A Nice young aspen, slightly more quaking than bigtooth

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	5	Sapling	3		Quaking Aspen	Low	5 - 10 feet	5 - 10 feet
Quaking Aspen	60	Pole/Sapling	6	35	Red Maple	Low	5 - 10 feet	5 - 10 feet
Bigtooth Aspen	35	Pole/Sapling	6					

55 4130 - Aspen Sapling Well 41.0 35 Unspecified N/A Nice young Aspen

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	5	Sapling/Pole	3		Balsam Fir	Low	Variable	Variable
Paper Birch	5	Sapling/Pole	3		Black Cherry	Low	5 - 10 feet	5 - 10 feet
Quaking Aspen	55	Sapling/Pole	4	35				
Bigtooth Aspen	23	Sapling/Pole	4					
Balsam Fir	5	Sapling	3					
Northern White Cedar	2	Sapling/Pole	4					
White Pine	1	Log	14					
Red Pine	1	Log	12					
Black Cherry	3	Sapling	3					

56 6119 - Mixed Lowland Deciduous Forest Poletimber Well 10.1 32 51-80 N/A Birch, maple, and aspen mix coming up. Could be a productive birch stand in the future.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	20	Pole/Sapling	6		Paper Birch	Low	Variable	Variable
Yellow Birch	5	Pole/Sap/Log	8		Tag Alder	Low	5 - 10 feet	5 - 10 feet
Paper Birch	30	Pole/Sapling	5	32	Maple (spp.)	Low	Variable	Variable
Quaking Aspen	20	Pole/Sapling	6		Balsam Fir	Low	Variable	Variable
Balsam Fir	4	Pole/Sapling	6		White Spruce	Low	Variable	Variable
White Spruce	10	Pole/Sapling	6					
Hemlock	1	Log/Pole	13					
Black Cherry	5	Sapling	3					
Willow spp.	5	Sapling	3					

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																												
58	6223 - Inundated Shrub Swamp	None	5.3			No	Real wet stand. There's a powerline that runs through it. There is a transition on the southeast side that gets higher and drier. This is the most treed area.																																												
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59	4119 - Mixed Northern Hardwoods	Sawtimber Well	7.5	89	51-80	N/A	Selection cut in 2020 in Trout Lake Mix 45-115-17. Residual BA 80-90. Left all hemlock, cedar, and oak.																																												
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61	4130 - Aspen	Sapling Well	5.0	29	Unspecified	N/A	Aspen stand. The area is being suffocated by beavers.																																												
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63	6224 - Treed Bog	None	198.1			No	Muskeg with evenly distributed stunted tamarack and clumps of conifer in the north central - northwest acres of the stand.																																												
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64	6120 - Lowland Cedar	Sapling Poor	2.7	71	1-50	N/A	Very small, sparse cedar with a few spruce mixed in and surrounded with tag alder. Wet ground, not very productive.																																												
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65	6223 - Inundated Shrub Swamp	None	2.5			No	Poor cedar stand with some balsam fir. There is also some red maple and abundant tag alder.																																												
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66	6120 - Lowland Cedar	Poletimber Poor	34.4	127	1-50	N/A	2027 YOE: Very wet cedar swamp with variable canopy closure from east to west.																																											
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67	6121 - Tamarack	Poletimber Medium	7.5	73	51-80	N/A	Sparse Tamarack stand that is wet. White birch is experiencing mortality.																																											
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68	6122 - Black Spruce	Poletimber Well	6.9	108	Unspecified	N/A	Vein of Black spruce adjacent to a muskeg. Variable sizes but generally 5-7" DBH. Growing conditions have resulted in stunted growth rates.																																											
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69	4139 - Aspen, Mixed Deciduous	Sapling Well	16.6	6	Immature	N/A	Clear cut in 2020 in Trout Lake Mix 45-115-20. Scattered representative trees were left as retention.																																											
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70	6224 - Treed Bog	None	226.8			No	Treed bog with stunted tamarack and black spruce. There is speckled alder mixed throughout.																																											
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71	6112 - Lowland Aspen	Poletimber Well	19.4	26	141-170	N/A	Productive aspen stand on historically wet ground. Nice site index - might be ready next inventory.																																											
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72	6129 - Mixed Coniferous Lowland Forest	Poletimber Medium	69.3	115	51-80	N/A	2016 YOE: Stand is mostly black spruce but there is heavier patches of cedar and tamarack. 2027 YOE: Stand has ridge and swale characteristics, though it is not observable with available lidar. The differences are most noticeable in canopy height and densities. There are seams of cedar and spruce and tamarack throughout. There is balsam fir as a prominent sub canopy specie. There is tag alder throughout taking up space in the lower wetter areas.																																																			
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73	6224 - Treed Bog	None	1.7			No	2027 YOE: An area of adverse growing condition non-conducive to tree growth and establishment.																																																			
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74	4140 - Other Upland Deciduous	Sawtimber Well	15.2	83	81-110	N/A	2017 YOE: Unless helicopter logging birch becomes profitable this stand is completely inaccessible! 2027 YOE: Nice birch stand that is still healthy. There is a mix of soft maple throughout. Dense subcanopy of conifer. Would respond well to final harvest.																																																			
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75	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	10.3	104	51-80	N/A	2027 YOE: Wet stand with some nice timber. Could consider harvest if cold weather permits. Visited in December and was still wet under 2.5 feet of snow.																																																			
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76	6112 - Lowland Aspen	Poletimber Well	17.6	26	141-170	N/A	Nice aspen stand that is on productive soil.																																																			
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77	122 - Road/Parking Lot	None	1.7			No	H-40																																																			
78	6229 - Mixed Lowland Shrub	None	6.0			No																																																				

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
79	4130 - Aspen	Sapling Well	2.0	16	Immature	N/A	Last cut in 2010 with Heather's hardwood. Manage with the aspen in SW1/4 SW1/4 Sec. 22. No cut Aspen 300ft of Hendrie River.		
Canopy Species		% Cover	Size Class	DBH	Age				
Paper Birch		10	Sapling	3					
Quaking Aspen		75	Sapling	3	16				
Balsam Fir		5	Sapling	3	16				
Black Cherry		10	Sapling	3					
81	6128 - Lowland Coniferous, Mixed Deciduous	Sawtimber Well	3.1	73	51-80	N/A	Stand 81 was delineated remotely and was originally a part of stand 11 which was an L0 as of 10/03/2024. The stand summary was taken from stand 5 on the same date.		
83	4140 - Other Upland Deciduous	Sawtimber Medium	1.6	68	51-80	N/A	Gravel pit in western edge of stand. Possible TSI opportunity would be presented if nearby stands are prescribed for harvest.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch		80	Log/Pole	10	68	Balsam Fir	High	Variable	Variable
Quaking Aspen		5	Log/Pole	10					
Balsam Fir		10	Pole/Sapling	5					
White Pine		5	Log/XLog	14					
86	6120 - Lowland Cedar	Poletimber Poor	7.3	108	1-50	N/A	Wet cedar stand but bigger diameters than the stand to the north. Inundation has caused severe mortality in the north-northwest portions of the stand.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch		5	Pole	7		Tag Alder	Medium	5 - 10 feet	5 - 10 feet
Balsam Fir		5	Pole	6		Balsam Fir	Medium	5 - 10 feet	5 - 10 feet
Northern White Cedar		90	Pole	8	108				
88	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	2.9	42	111-140	N/A			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple		10	Pole	7		Birch (spp.)	Low	Variable	Variable
Paper Birch		10	Pole/Log	9		Maple (spp.)	Low	Variable	Variable
Quaking Aspen		20	Pole	8		Conifers	High	Variable	Variable
Balsam Fir		30	Pole	7	42				
White Spruce		10	Log/Pole	10					
Northern White Cedar		20	Pole	8					
89	42380 - Non Pine Upland Conifer, Mixed Deciduous	Poletimber Well	12.0	42	81-110	N/A	Nice Balsam Fir Stand. Large Aspen in the overstory. Overall: canopy closure more toward the 75% range than the 100%. Pretty open in some spots. Lots of Spruce dieback.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch		5	Pole	7		White Spruce	Low	Variable	Variable
Quaking Aspen		25	Log/Pole	10	42	Balsam Fir	Low	Variable	Variable
Balsam Fir		45	Pole	9	42				
White Spruce		10	Pole	5					
Northern White Cedar		11	Pole/Sapling	6					
White Pine		4	Log/Pole	14					

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments				
90	4319 - Mixed Upland Forest	Sawtimber Well	5.8	96	111-140	N/A	Upland mixed island, dominantly deciduous species in the middle of a Cedar stand. The perimeter of the stand has a mix of Hemlock, W. cedar, and Paper birch. The interior of the stand is Maple dominated with co-dominant Yellow birch and intermediate stratum Cedar. Balsam fir is the major subcanopy species. There are legacy Yellow birch trees throughout. Manage for a 4115 cover type with as few entries as possible. Not feasible to manage every entry period due to DWC disturbance.				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
Red Maple		35	Log/XLog/Pole	14	96	Tag Alder		Low	5 - 10 feet	5 - 10 feet	
Yellow Birch		10	Log/XLog/Pole	12		Balsam Fir		Medium	10 - 20 feet	10 - 20 feet	
Paper Birch		10	Log	10							
Balsam Fir		10	Pole	8							
White Spruce		5	Pole	8							
Northern White Cedar		30	Pole/Sap/Log	7							
92	6132 - Mixed Lowland Forest with Cedar	Sawtimber Well	5.4	107	51-80	N/A	Poorly stocked lowland w/upland mix. Decent sized maple and conifer but majority of the stand is around the 8" size class. There is nice diversity and should possibly be managed for stump sprouting. Aspen and maple have heart rot. Manage for a Yellow birch dominated mix.				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
Red Maple		30	Log/Pole	14	107	Tag Alder		Low	5 - 10 feet	5 - 10 feet	
Yellow Birch		3	Pole	5		Balsam Fir		Low	10 - 20 feet	10 - 20 feet	
Paper Birch		10	Log	10							
Quaking Aspen		10	Log	14							
Balsam Fir		5	Pole/Sapling	7							
White Spruce		20	Pole	8							
Northern White Cedar		20	Pole	7							
Hemlock		2	Pole	9							
93	4199 - Other Mixed Upland Deciduous	Sapling Well	8.2	29	Immature	N/A	Last cut in 1997 Remnant Ridge (24-97-01). Managed for aspen. Regen is variable and spotty.				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
Red Maple		30	Sapling	3	29	Balsam Fir		Low	Variable	Variable	
Paper Birch		30	Sapling	4	29						
Quaking Aspen		15	Sapling	3	29						
White Pine		5	Pole/Sapling	5							
Black Cherry		20	Sapling	3							
94	4112 - Maple, Beech, Cherry Association	Sawtimber Well	5.2	94	111-140	N/A	2027 YOE: Once a part of stand 28, this stand is now an upland hardwood island surrounded by lowland deciduous. Stand history include a T.S.I entry in 1977 and has been left since. Manage with the stand around it. Look for opportunities to connect stand with the nearby maple stand to the east.				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
Sugar Maple		45	Log/Pole/Sap	14	94	Maple (spp.)		Medium	Variable	Variable	
Red Maple		35	Log/Pole	10		Northern White Cedar		Low	< 5 feet	< 5 feet	
Yellow Birch		3	Pole	7		Black Ash		Low	Variable	Variable	
Balsam Fir		9	Pole	8		Balsam Fir		Low	Variable	Variable	
White Spruce		4	Pole	8							
Northern White Cedar		4	Pole	8							

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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95 6132 - Mixed Lowland Forest with Cedar Poletimber Well 7.2 94 111-140 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	35	Pole/Log	9	94	Tag Alder	Low	5 - 10 feet	5 - 10 feet
Yellow Birch	10	Log/XLog/Pole	12		Balsam Fir	Low	10 - 20 feet	10 - 20 feet
Paper Birch	10	Log	10					
Balsam Fir	10	Pole/Sapling	7					
White Spruce	5	Pole	8					
Northern White Cedar	30	Pole/Sap/Log	6					

96 623 - Emergent Wetland None 2.5 No

98 6128 - Lowland Coniferous, Mixed Deciduous Sawtimber Well 13.8 111 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	10	Log/Pole	10		Tag Alder	Medium	5 - 10 feet	5 - 10 feet
Paper Birch	15	Pole/Log	9		Black Ash	Low	Variable	Variable
Balsam Fir	5	Pole	6		Balsam Fir	Low	Variable	Variable
Black Spruce	20	Pole/Sap/Log	7		Black Spruce	Low	5 - 10 feet	5 - 10 feet
Northern White Cedar	44	Log/Pole/Sap	10	111	Northern White Cedar	Low	5 - 10 feet	5 - 10 feet
White Pine	1	XLog	27					

2027 YOY: Stand was delineated this cycle. This is a diverse stand with some ridges that have nice hemlock. Stand is wet and mossy but could be operated under good cold weather conditions. The main products would be cedar and spruce and if harvest were to occur cedar would have to be taken for operability. This stand is on the very edge of deer yard and low deer activity was observed throughout inventory. The canopy is patchy due to deciduous trees and gaps caused by natural decay. Log size is not homogenous throughout the stand.

99 6120 - Lowland Cedar Poletimber Well 1.5 108 Unspecified N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Yellow Birch	5	Log/Pole	12		Tag Alder	Low	5 - 10 feet	5 - 10 feet
Paper Birch	5	Pole	7		Balsam Fir	Medium	5 - 10 feet	5 - 10 feet
Quaking Aspen	5	Log	14					
White Spruce	5	Pole	8					
Northern White Cedar	80	Pole	7	108				

Sparse, wet aspen stand, very similar to stand directly east but lacks the white pine.

100 6223 - Inundated Shrub Swamp None 5.2 No

Sub-Canopy Species	Density	Avg. Height	Size
Tag Alder	Low	5 - 10 feet	5 - 10 feet
Northern White Cedar	Medium	>20 feet	>20 feet
Balsam Fir	Low	5 - 10 feet	5 - 10 feet

Cedar stand with some white birch and nice yellow birch. There is also some white pine and soft maple but both are less than 2%.

102 629 - Mixed non-forested Wetland None 10.3 No

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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103 6122 - Black Spruce Poletimber Well 18.8 127 81-110 N/A

2027 YOE: Almost a pure black spruce stand on the edge of a muskeg. The stands growth is stunted due to environmental factors.

Canopy Species	% Cover	Size Class	DBH	Age
Black Spruce	90	Pole/Sapling	7	127
Northern White Cedar	5	Pole/Sapling	5	
Tamarack	5	Pole/Sapling	7	

Sub-Canopy Species	Density	Avg. Height	Size
Northern White Cedar	Low	5 - 10 feet	5 - 10 feet
Tag Alder	Low	5 - 10 feet	5 - 10 feet