



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
County: Mackinac
Unit: Sault Ste. Marie
Mgmt. Area: St. Ignace Lake Plain
YOE: 2027
Acres: 1,752 GIS Calculated
Examiner: Christian Gabler
Date Exported: 07/18/2025
Map Phase: Web Post

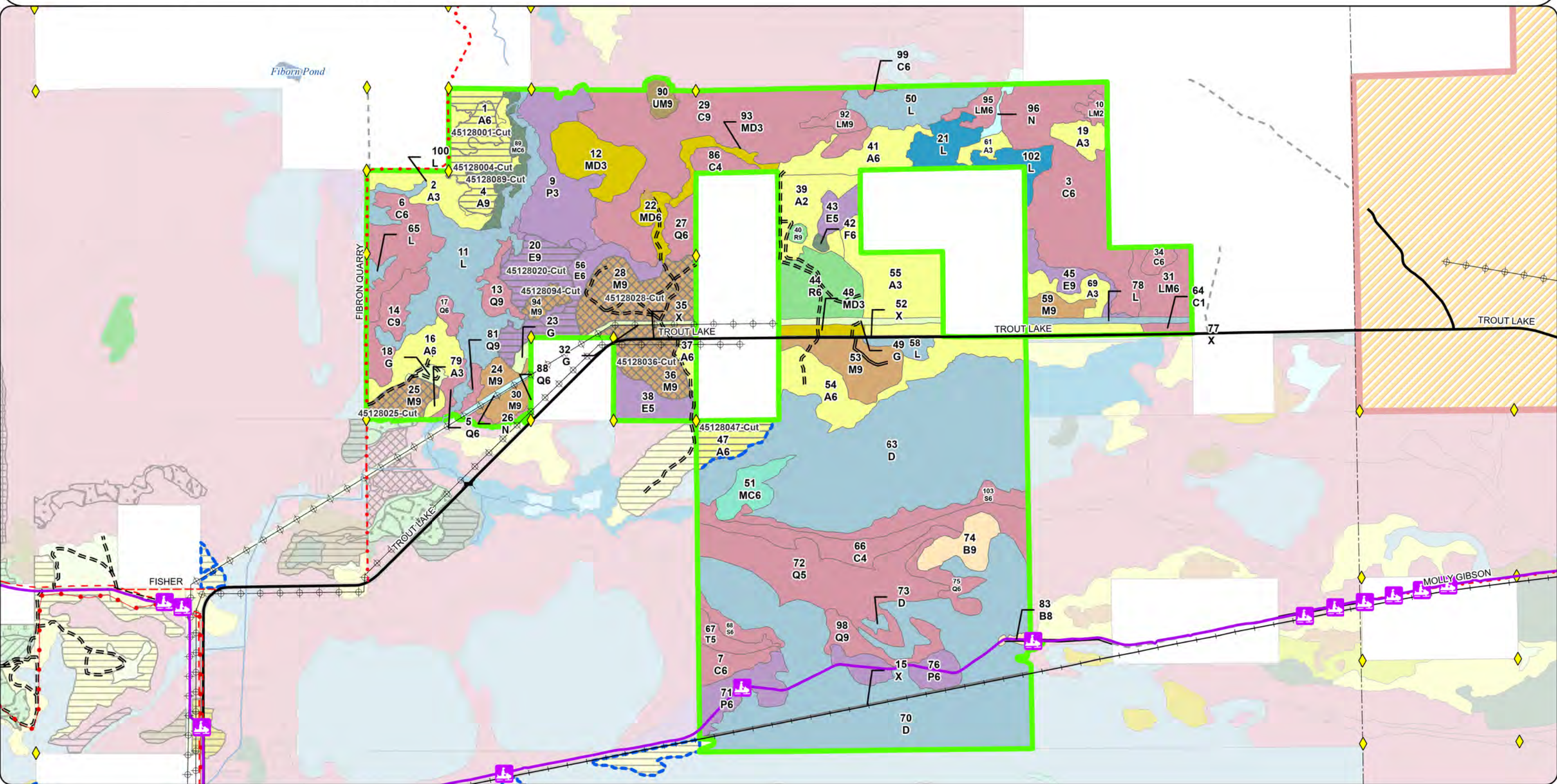
- Survey Grade Corners
- Berms
- Bridges
- Designated Motorcycle Trails
- Designated ORV Routes
- Designated Snowmobile Trails
- DNR - Secondary Forest Road

- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Active Railroads
- Intermittent Stream
- Perennial River

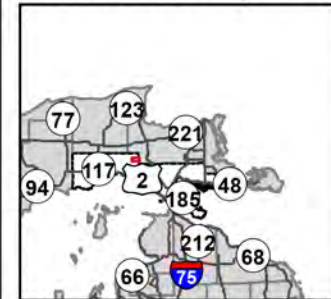
- Lakes and Rivers
- Counties
- Powerline
- Compartment Boundary
- Clearcut
- Selection
- Treatments with Site Conditions
- 411 - Northern Hardwood

- 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

- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 122 - Road/Parking Lot
- 310 - Herbaceous Openland
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- 629 - Mixed non-forested Wetland



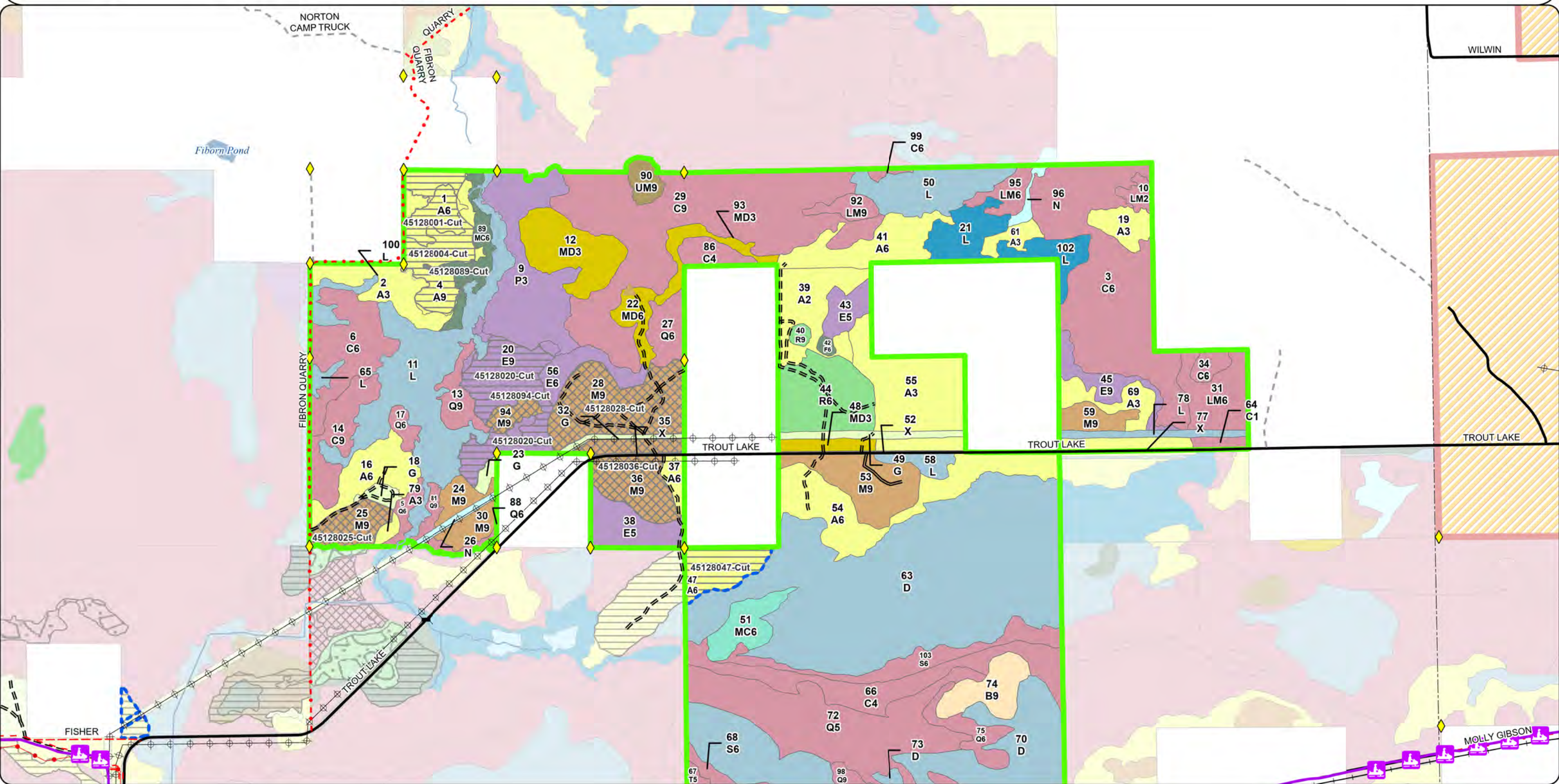
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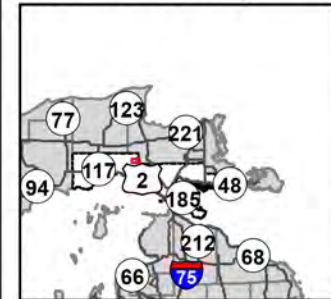
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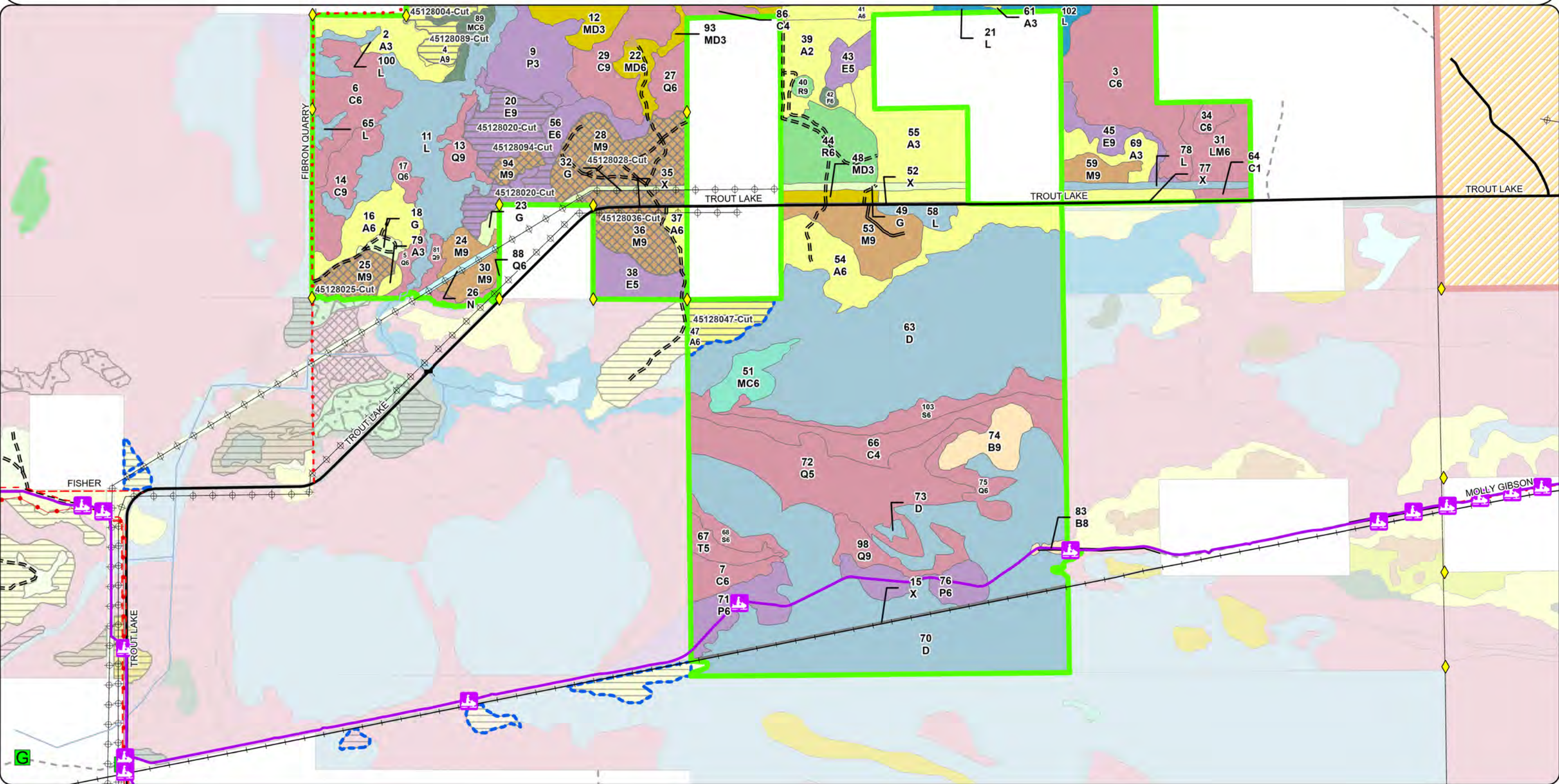


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Stand Boundary Map



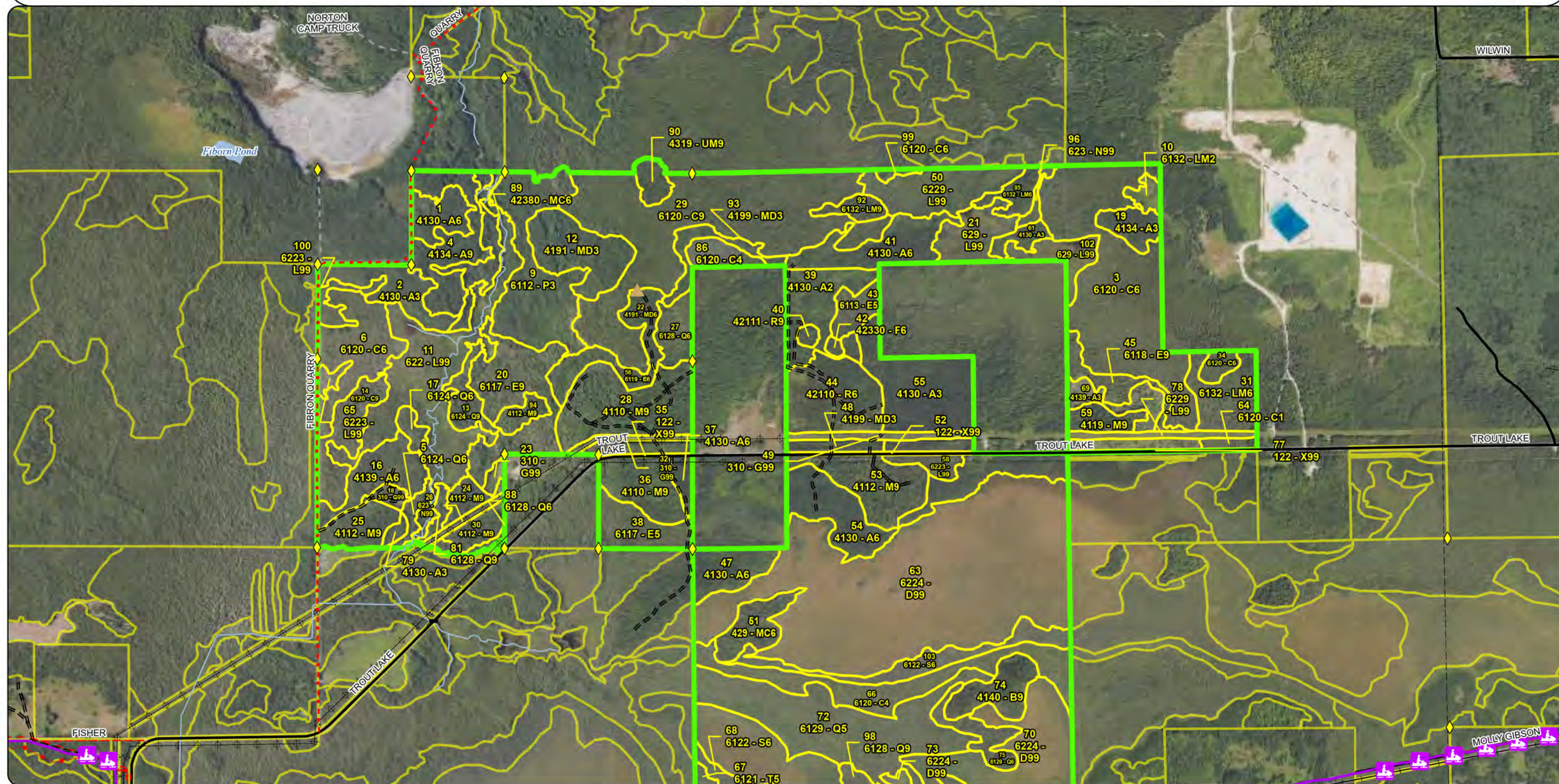
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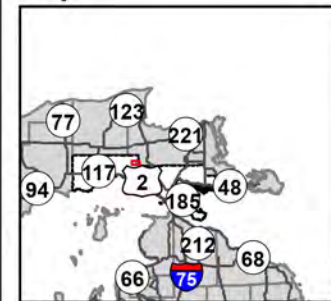
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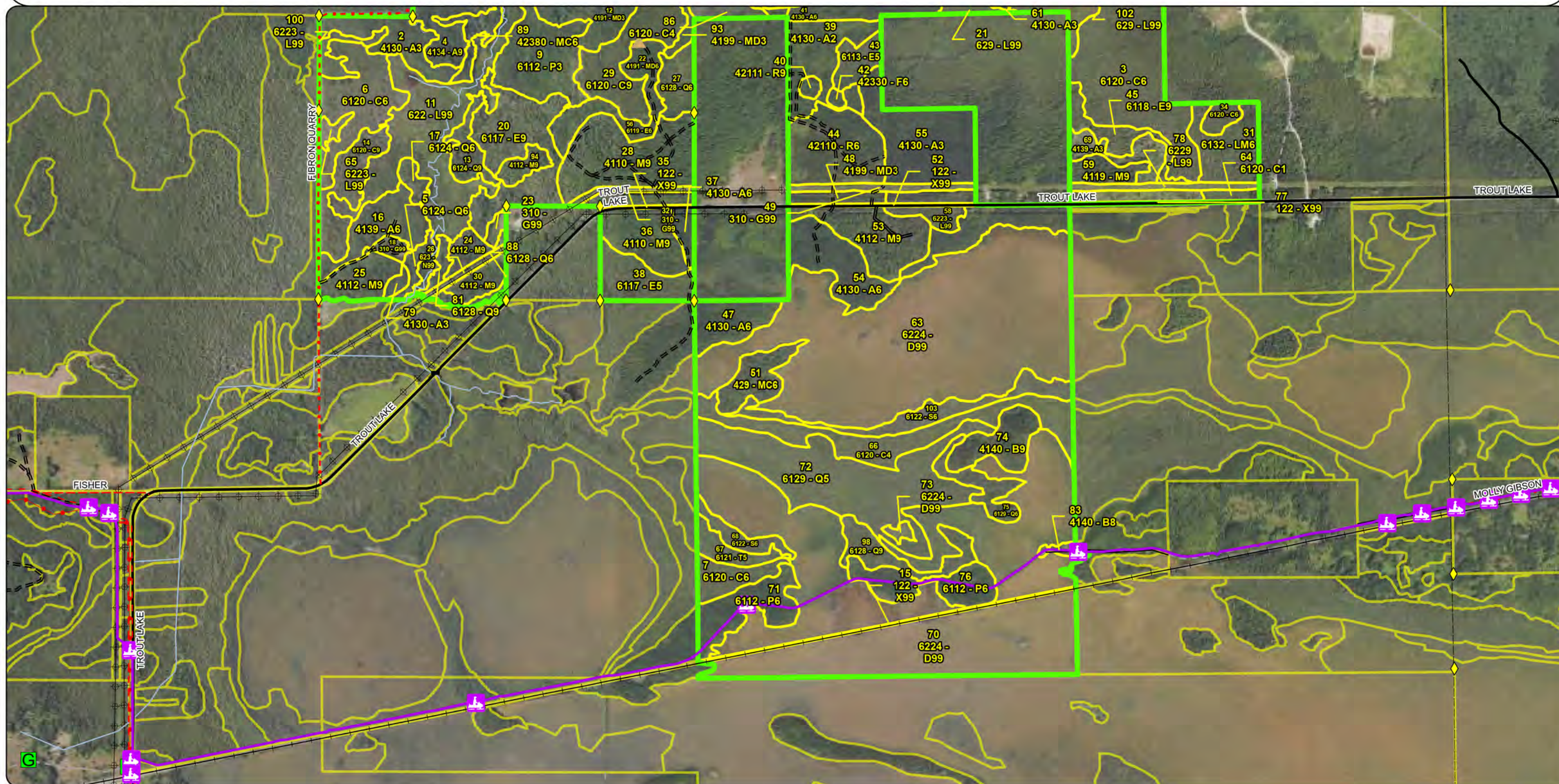
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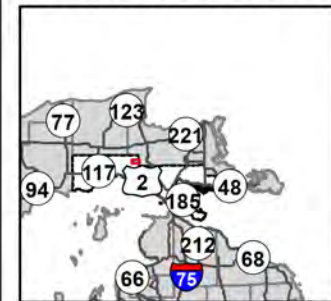
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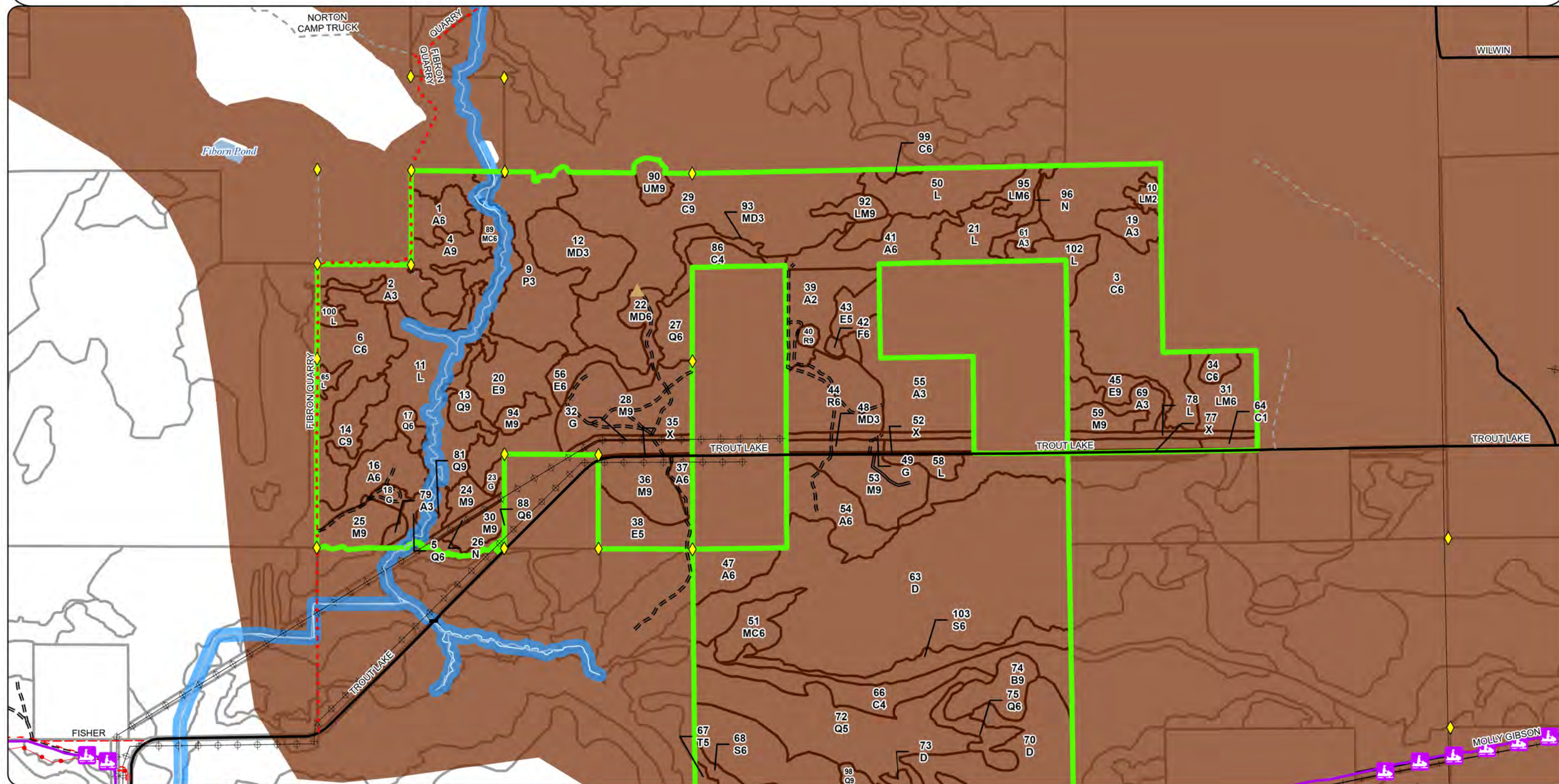
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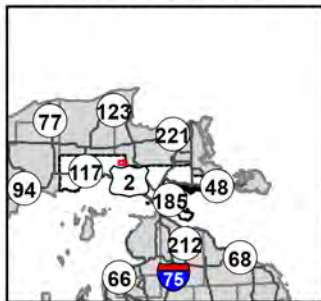
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- Compartment Boundary
- Stand Boundaries
- Cold Water Streams
- High Priority Trout Stream Buffer
- Deer Winter Range



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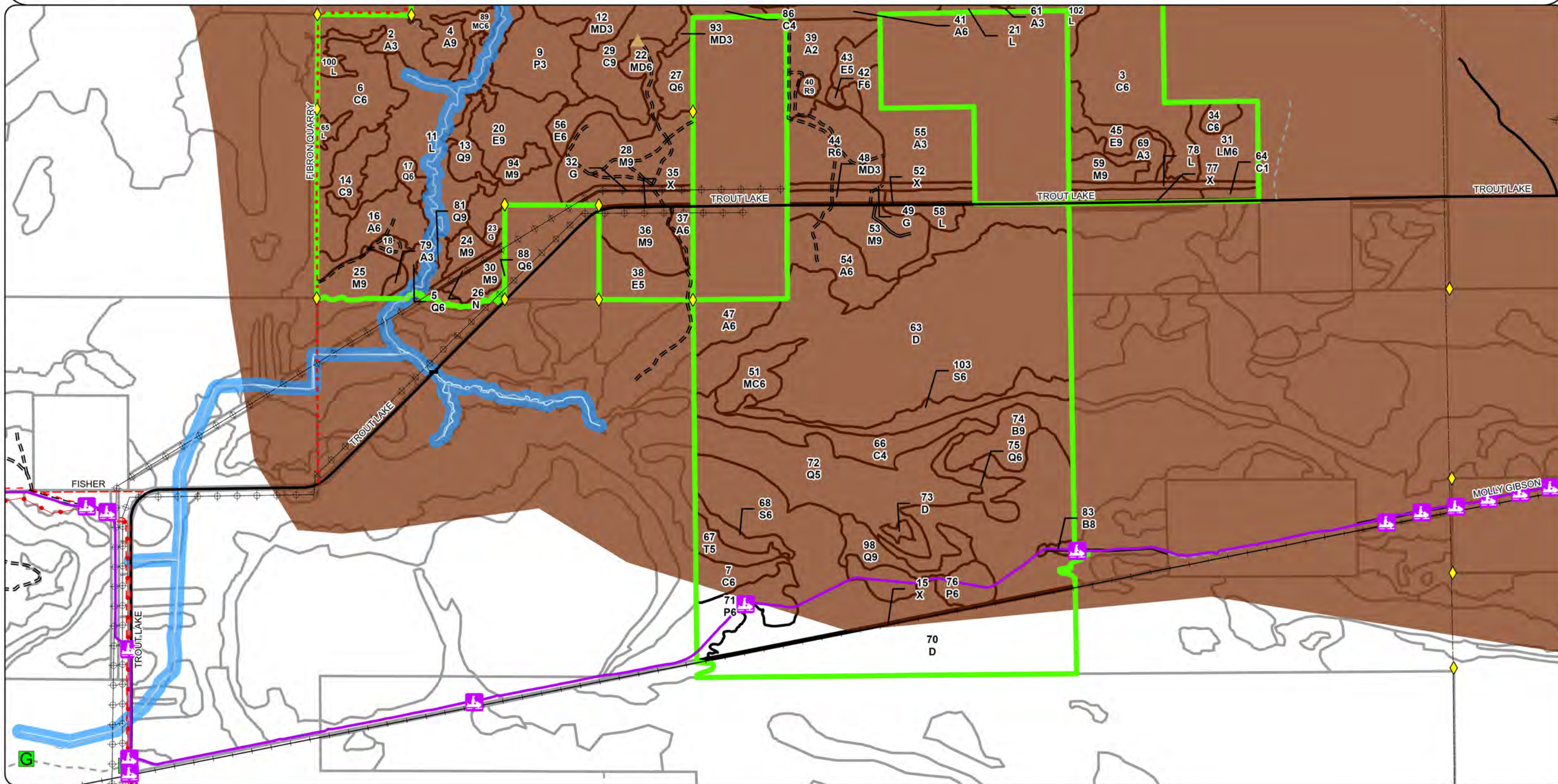
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Report 1 – Total Acres by Cover Type and Age Class



Age Class

	NonForest	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	17	2	83	81	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	116	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	Oversky 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	0	225	0	0	225
Total	162	0	0	0	0	0	225	0	0	386



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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Proposed Treatments:

1	45128001-Cut	9.1	4130 - Aspen	6	41	81-110	Harvest	Clearecut	4134 - Aspen, Spruce/Fir	Planting Record	No
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Prescription 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
Specs: cut: Cedar, Hemlock, Yellow birch, Oak, White pine. Winter harvest between Dec. 1st- Mar. 31st.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Aspen spp., Conifer spp. Maple spp., Black Cherry, Paper Birch.

Regen:

Other

Comment:

Site Condition:

Proposed Start Date: 10/01/2026

4	45128004-Cut	22.6	4134 - Aspen, Spruce/Fir	9	52	81-110	Harvest	Clearecut	413 - Aspen	Planting Record	No
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Prescription Final harvest Aspen with retention. Use the 300ft Hendrie River buffer as the retention. Remove all timber to 2" DBH. No cut Cedar,
Specs: Hemlock, Yellow Birch, N. Red Oak, White Pine. Winter harvest between Dec. 1st- Mar. 31st.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Aspen, Maple spp., Black Cherry, Paper Birch

Regen:

Other 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
Comment: need to be mapped and buffered by 20 feet on either side.

Site Condition:

Proposed Start Date: 10/01/2026

20	45128020-Cut	32.7	6117 - Lowland Deciduous, Mixed Coniferous	9	63	111- 140	Harvest	Clearecut	6117 - Lowland Deciduous, Mixed Coniferous	Planting Record	No
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Prescription 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
Specs: a 3J site condition in the north of the stand to meet retention guidelines. Winter harvest between Dec. 1st- Mar. 31

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Maple, Cedar, Spruce, Fir, Aspen, Birch, Hemlock, White pine.

Regen:

Other North boundary is quite wet. Might need a site condition delineated at time of sale prep.

Comment:

Site Condition:

Proposed Start Date: 10/01/2026

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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	81	1-50	Harvest	Selection	4112 - Maple, Beech, Cherry Association	Planting Record	No
<u>Prescription</u> Mark stand to 60-80 BA. Promote biodiversity by leaving underrepresented species where possible. Winter harvest between Dec. 1st- Mar. 31st. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Intermediate) <u>Treatments:</u> <u>Acceptable Regen:</u> Sugar maple, Red maple, Yellow birch, Black cherry; moderate to fully stocked <u>Other Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										
28 45128028-Cut	44.4	4110 - Sugar Maple Association	9	93	51-80	Harvest	Selection	4112 - Maple, Beech, Cherry Association	Planting Record	No
<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 <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Intermediate); Monitoring, Natural Regen (Intermediate) <u>Treatments:</u> <u>Acceptable Regen:</u> Sugar maple, Red maple, Yellow birch, Black cherry <u>Other Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										
36 45128036-Cut	18.4	4110 - Sugar Maple Association	9	98	81-110	Harvest	Selection	4112 - Maple, Beech, Cherry Association	Planting Record	No
<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 <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Intermediate); Monitoring, Natural Regen (Intermediate) <u>Treatments:</u> <u>Acceptable Regen:</u> Sugar maple, Red maple, Yellow birch, Black cherry <u>Other Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										

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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
89 45128089-Cut	2.8	42380 - Non Pine Upland Conifer, Mixed Deciduous	6	41	81-110	Harvest	Clearcut	413 - Aspen	Planting Record	No
<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. Winter harvest between Dec. 1st- Mar. 31st. Cut with adjacent stands 1 and 4. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Aspen, Birch, Red maple, Black cherry <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										
94 45128094-Cut	5.2	4112 - Maple, Beech, Cherry Association	9	93	111-140	Harvest	Selection	4119 - Mixed Northern Hardwoods	Planting Record	No
<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 <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Intermediate) <u>Treatments:</u> <u>Acceptable</u> Maple spp., White cedar, Yellow birch, White pine <u>Regen:</u> <u>Other</u> Timber sale prep would be easiest to green mark leave trees and designate species for removal/no cut. <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										

Approved Treatments:

47 45128047-Cut	14.4	4130 - Aspen	6	52	Unspecified	Harvest	Clearcut	413 - Aspen	Planting Record	No
<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 <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Aspen, spruce, fir, maple, cherry, pine, birch. <u>Regen:</u> <u>Other</u> Survey needed. <u>Comment:</u> <u>Site Condition:</u> Survey Needed <u>Proposed Start Date:</u> 10/01/2025										

Total Treatment 161.8
Acreage Proposed:

Report 4 – Site Conditions



Availability for Management

Total Acres	Acres Available	Acres With Condition	Acres Not Available
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Dominant Site Conditions

2I	2G	2H	3H	3J	3L
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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



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
Christian Gabler: Examiner

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
Christian Gabler: Examiner

Compartment: 128
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



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
Comments				









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	22	Unspecified	N/A	Stand cut during winter of '03 - '04,. Nice aspen. transitioning into pole classes.																																																																	
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>White Spruce</td><td>5</td><td>Pole</td><td>4</td><td></td></tr><tr><td>Balsam Poplar</td><td>5</td><td>Pole</td><td>3</td><td></td></tr><tr><td>Black Cherry</td><td>10</td><td>Pole</td><td>4</td><td></td></tr><tr><td>Red Maple</td><td>10</td><td>Log</td><td>3</td><td></td></tr><tr><td>Paper Birch</td><td>10</td><td>Pole</td><td>4</td><td></td></tr><tr><td>Balsam Fir</td><td>5</td><td>Log</td><td>2</td><td></td></tr><tr><td>Quaking Aspen</td><td>55</td><td>Sapling</td><td>5</td><td>22</td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		White Spruce	5	Pole	4		Balsam Poplar	5	Pole	3		Black Cherry	10	Pole	4		Red Maple	10	Log	3		Paper Birch	10	Pole	4		Balsam Fir	5	Log	2		Quaking Aspen	55	Sapling	5	22	<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Balsam Fir</td><td>Low</td><td>Variable</td><td>Variable</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Low	Variable	Variable																				
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17	6124 - Lowland Spruce-Fir	Poletimber Well	3.8	72	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	27	Immature	N/A	The stand is regenerating as an aspen mix. This stand was cut in 1998.																																																																	
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Bigtooth Aspen</td><td>15</td><td>Log</td><td>4</td><td></td></tr><tr><td>Quaking Aspen</td><td>55</td><td>Pole</td><td>4</td><td>27</td></tr><tr><td>White Spruce</td><td>5</td><td>Log</td><td>3</td><td></td></tr><tr><td>Balsam Fir</td><td>25</td><td>Log</td><td>3</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Bigtooth Aspen	15	Log	4		Quaking Aspen	55	Pole	4	27	White Spruce	5	Log	3		Balsam Fir	25	Log	3																																														
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20	6117 - Lowland Deciduous, Mixed Coniferous	Sawtimber Well	36.4	63	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.																																																																	
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Black Ash</td><td>5</td><td></td><td>12</td><td></td></tr><tr><td>White Spruce</td><td>13</td><td>Seedling</td><td>7</td><td></td></tr><tr><td>Northern White Cedar</td><td>10</td><td>Seedling</td><td>8</td><td></td></tr><tr><td>Sugar Maple</td><td>5</td><td></td><td>14</td><td></td></tr><tr><td>Red Maple</td><td>30</td><td></td><td>9</td><td>63</td></tr><tr><td>Paper Birch</td><td>10</td><td>Seedling</td><td>8</td><td></td></tr><tr><td>Balsam Fir</td><td>17</td><td>Seedling</td><td>7</td><td></td></tr><tr><td>Yellow Birch</td><td>5</td><td>Seedling</td><td>7</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Black Ash	5		12		White Spruce	13	Seedling	7		Northern White Cedar	10	Seedling	8		Sugar Maple	5		14		Red Maple	30		9	63	Paper Birch	10	Seedling	8		Balsam Fir	17	Seedling	7		Yellow Birch	5	Seedling	7		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Northern White Cedar</td><td>Low</td><td>< 5 feet</td><td>< 5 feet</td></tr><tr><td>Black Ash</td><td>Medium</td><td>Variable</td><td>Variable</td></tr><tr><td>Balsam Fir</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>Maple (spp.)</td><td>Medium</td><td>Variable</td><td>Variable</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Northern White Cedar	Low	< 5 feet	< 5 feet	Black Ash	Medium	Variable	Variable	Balsam Fir	Low	Variable	Variable	Maple (spp.)	Medium	Variable	Variable			
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21	629 - Mixed non-forested Wetland	None	14.9			No																																																																		





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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																			
35	122 - Road/Parking Lot	None	1.0			No	H-40																																																			
36	4110 - Sugar Maple Association	Sawtimber Well	18.4	98	81-110	N/A	Nice Hard Maple stand. Stand was thinned in the summer of 2010. (Heathers Hardwood) Really nice crop trees.																																																			
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37	4130 - Aspen	Poletimber Well	4.4	28	1-50	N/A	Nice young aspen, very little balsam in the understory.																																																			
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38	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Medium	16.0	85	51-80	N/A	Very wet lowland hardwoods with a little bit of everything.																																																			
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39	4130 - Aspen	Sapling Medium	23.5	22	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.																																																			
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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	65	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.																																																					
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47	4130 - Aspen	Poletimber Well	14.4	52	Unspecified	N/A	2027 YOY: Decent aspen stand. Management should continue to be with the aspen to the west of the compartment line.																																																					
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48	4199 - Other Mixed Upland Deciduous	Sapling Well	5.5	17	1-50	N/A	Stand was cut in 2008. Representative trees were left throughout the stand.																																																					
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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	70	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																																																					
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72	6129 - Mixed Coniferous Lowland Forest	Poletimber Medium	69.3	114	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-conductive to tree growth and establishment.																																																					
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74	4140 - Other Upland Deciduous	Sawtimber Well	15.2	82	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	103	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	25	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	15	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.																																																			
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81	6128 - Lowland Coniferous, Mixed Deciduous	Sawtimber Well	3.1	72	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	67	51-80	N/A	Gravel pit in western edge of stand. Possible TSI opportunity would be presented if nearby stands are prescribed for harvest.																																																			
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86	6120 - Lowland Cedar	Poletimber Poor	7.3	107	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.																																																			
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88	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	2.9	41	111-140	N/A																																																				
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89	42380 - Non Pine Upland Conifer, Mixed Deciduous	Poletimber Well	12.0	41	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.																																																			
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90	4319 - Mixed Upland Forest	Sawtimber Well	5.8	95	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.																																																						
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92	6132 - Mixed Lowland Forest with Cedar	Sawtimber Well	5.4	106	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.																																																						
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93	4199 - Other Mixed Upland Deciduous	Sapling Well	8.2	28	Immature	N/A	Last cut in 1997 Remnant Ridge (24-97-01). Managed for aspen. Regen is variable and spotty.																																																						
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94	4112 - Maple, Beech, Cherry Association	Sawtimber Well	5.2	93	111-140	N/A	2027 YOY: 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.																																																						
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Yellow Birch</td><td>3</td><td>Seedling</td><td>7</td><td></td></tr><tr><td>Balsam Fir</td><td>9</td><td>Seedling</td><td>8</td><td></td></tr><tr><td>White Spruce</td><td>4</td><td>Seedling</td><td>8</td><td></td></tr><tr><td>Northern White Cedar</td><td>4</td><td>Seedling</td><td>8</td><td></td></tr><tr><td>Sugar Maple</td><td>45</td><td></td><td>14</td><td>93</td></tr><tr><td>Red Maple</td><td>35</td><td></td><td>10</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Yellow Birch	3	Seedling	7		Balsam Fir	9	Seedling	8		White Spruce	4	Seedling	8		Northern White Cedar	4	Seedling	8		Sugar Maple	45		14	93	Red Maple	35		10		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Black Ash</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>Balsam Fir</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>Northern White Cedar</td><td>Low</td><td>< 5 feet</td><td>< 5 feet</td></tr><tr><td>Maple (spp.)</td><td>Medium</td><td>Variable</td><td>Variable</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Black Ash	Low	Variable	Variable	Balsam Fir	Low	Variable	Variable	Northern White Cedar	Low	< 5 feet	< 5 feet	Maple (spp.)	Medium	Variable	Variable		
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments			
103	6122 - Black Spruce	Poletimber Well	18.8	126	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	Sub-Canopy Species		Density	Avg. Height	Size
	Tamarack	5	Sapling	7		Northern White Cedar		Low	5 - 10 feet	5 - 10 feet
	Black Spruce	90	Sapling	7	126	Tag Alder		Low	5 - 10 feet	5 - 10 feet
	Northern White Cedar	5	Sapling	5						