

Compartment Review Presentation

Sault Ste. Marie Forest Management Unit

Compartment 45017

Entry Year: 2027

Acreage: 2,856

County: Chippewa

Management Area: Drummond Island

Stand Examiner: Louis Radecki

Legal Description:

T42N R7E, Sec 28, 29, 30, 31, 32

Identified Planning Goals:

To develop an optimal age class distribution of aspen stands for sustainable forestry and wildlife values. To rotate hardwood treatments for optimum regeneration and stocking of all age classes and enhance wildlife habitat. Maintain current openings as needed for diversity and enhancement of wildlife benefits. To provide reasonable public access for multiple use benefits such as hunting, trail riding, camping, and hiking, while protecting the natural resources.

Soil and topography:

Potagannissing-Rock outcrop-Summerville: Exposed limestone bedrock and shallow, level to steep, poorly drained and well drained, loamy soils on ground moraines and glacial lake benches in the north part of the compartment. Shelter-Posen-Summerville: similar to above but a deeper soil in the south part of the compartment. Markey-Dawson: deep, level, poorly drained mucky and peaty soils on outwash plains on the east side to Fourth Lake. Topography is rolling hills to flat rock to steep cliffs. Cedar swamps and hardwood knobs are mixed among the aspen hills.

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

Contiguous block of State land with no developments. Primarily used for hunting, trail riding, and timber and wildlife management. There is one private parcel adjoining the compartment on the west side with a camp. State land surrounding the compartment maintains landscape level management.

Unique Natural Features:

There is a potential for rare threatened or endangered plant and animal species within the compartment. Stands to be managed will be checked for species of concern. Management will be modified per management guidelines for that species if species are found within those stands or would be affected by treatment of the stands.

Archeological, Historical, and Cultural Features:

Remnants of old railroad grade along with old homestead sites can be found in this compartment.

Special Management Designations or Considerations:

Compartment contains areas within Deer Designated Habitat Area.

Watershed and Fisheries Considerations:

This compartment, located on Drummond Island, contains portions of Dry Lake and Fourth Lake. Dry Lake is approximately 165 acres in size with a maximum depth of 8 feet, and supports primarily yellow perch. Fourth Lake is part of the Potagannissing Flooding, has an average depth of 2 feet, and is primarily a northern pike spawning area. Prescribed management activities are appropriate for the protection of these waterbodies. If possible, a landing/parking area should be left adjacent to Dry Lake to provide for access to this waterbody.

Wildlife Habitat Considerations:

This compartment is located on Drummond Island. Featured wildlife species in the management area include blackburnian warbler, American marten, ruffed grouse, sharp-tailed grouse, snowshoe hare, and white-tailed deer. Aspen, cedar, and northern hardwoods are dominant stand types in the compartment. Much of the aspen was treated during a previous entry to provide age and structural diversity while also maintaining the aspen type. Some of the mature stands that remain will be treated to maintain early successional habitat and provide favorable habitat for a suite of wildlife including deer, black bear, snowshoe hare, and ruffed grouse. A number of northern hardwoods were treated during the last entry with a focus on diseased beech. Most northern hardwoods stand will be left and allowed to continue to mature. Some will be treated with a focus on maintaining diversity including retaining oak and any healthy beech. Conifer stands will generally be left to maintain cover and other habitat for wildlife. Oak or disease resistant beech plantings were considered where beech was harvested during the last entry, but did not occur after the harvests that did take place due to access and site constraints (ex. rocky ground).

Mineral Resource and Development Concerns and/or Restrictions

No known potential exists for commercial oil & gas production on Drummond Island, and there are no known economic deposits of metallic or critical minerals in this area. The closest known sand/gravel pit is the State-owned Johnswood Road Pit, just over two miles southwest. The pit has not been leased or permitted for commercial production since at least 2002 and has not been recently evaluated for quantity and quality of reserves. There may be some potential for minor amounts of sand & gravel within the compartment on the uplands (away from wetlands) and where there is sufficient thickness of glacial drift over the bedrock. Due to logistics and availability, sand & gravel on the island is more valuable compared to on the mainland. Bedrock is at or very near the surface across the island. High-purity dolomite is quarried from the Engadine Group on the west end of the island, more than seven miles from the compartment. The existing quarry (and its immediately adjacent lands) contains decades worth of dolomite reserves. While there may be potential for additional high-purity dolomite within the compartment, it is unlikely that a new quarry would be developed here. The State does not own much of the mineral rights within the compartment but may own the rights to the bedrock dolostone. Because the mineral estate is the dominant estate, the surface owner must provide the owner of the mineral rights reasonable access to the surface for mineral exploration and development.

Vehicle Access:

Logging roads, jeep trails, and ORV Trails are throughout the compartment. Most can be accessed with two wheel drive vehicles; others are strictly passable with four wheel drive. The primary access to this compartment is the Second Lake Road.

Survey Needs:

There are no survey needs at this time.

Recreational Facilities and Opportunities:

ORV and jeep trails are throughout the compartment. No facilities. Hunting is one of the main sporting opportunities along with camping, hiking, and sight seeing.

Fire Protection:

There is good to fair vehicle access to most of the compartment. Accessible water sources are scarce.

Additional Compartment Information:

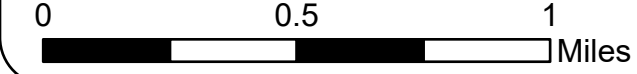
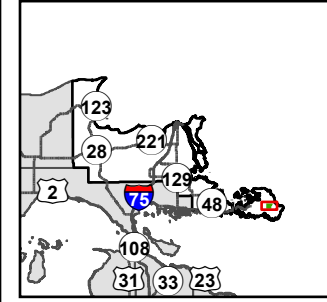
The following reports from the Inventory are attached:

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

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

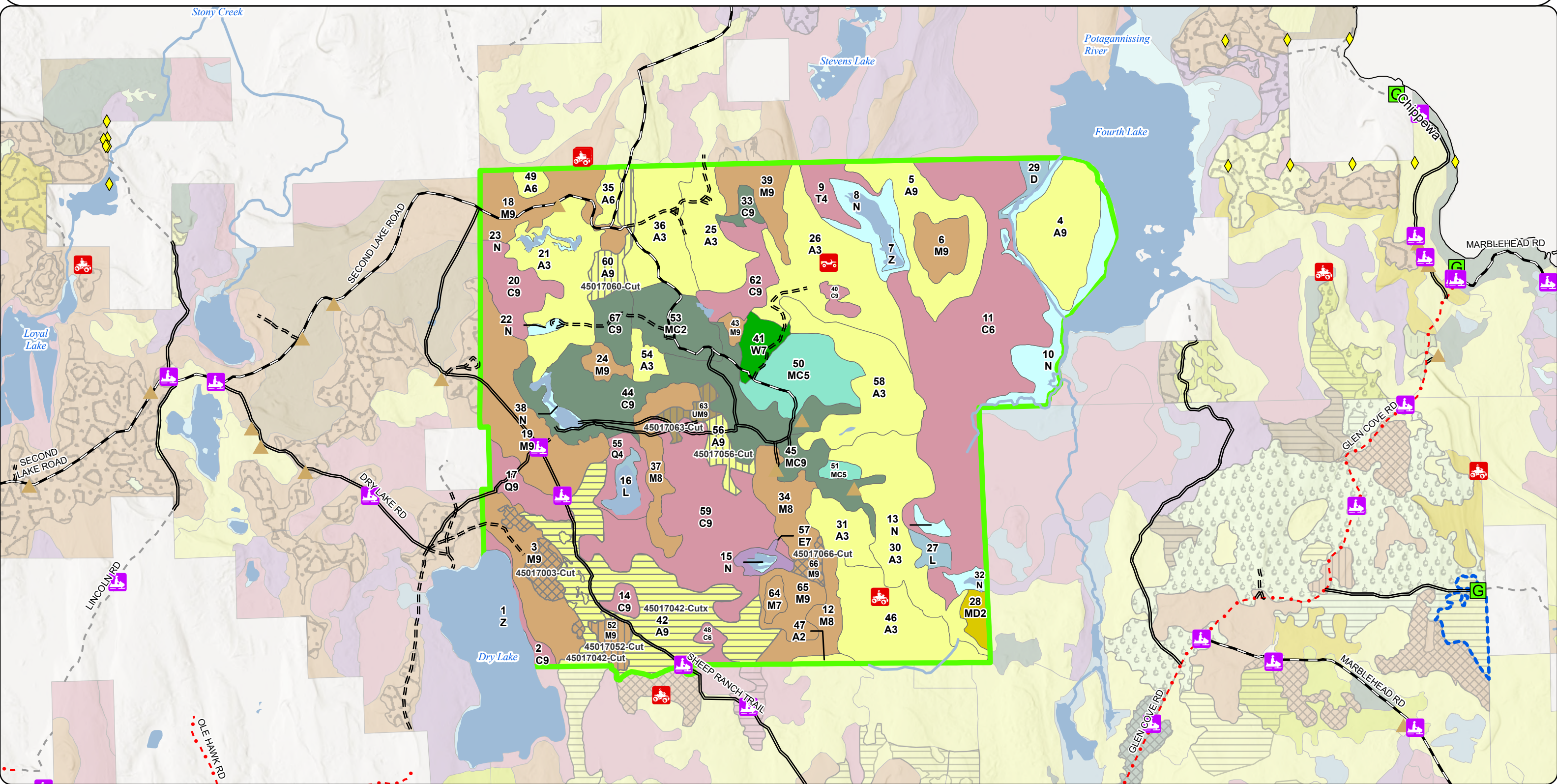
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

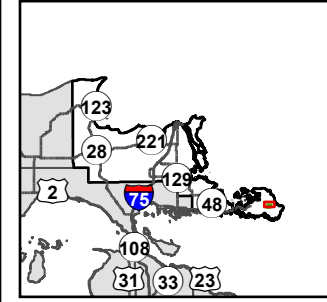


Compartment: 45017
 T42N, R07E, Sec: 28 - 32
 County: Chippewa
 Unit: Sault Ste. Marie
 Mgmt. Area: Drummond Island
 YOE: 2027
 Acres: 2,856 GIS Calculated
 Examiner: Louis Radecki
 Date Exported: 2/4/2026
 Map Phase: Post Review

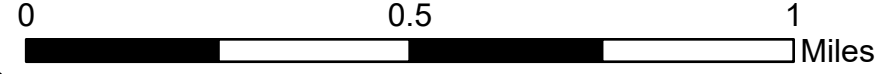
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|-----------------------------|------------------------------|---------------------------------|---------------------------------|
| Survey Grade Corners | Private - Dirt / Gravel Road | Treatments with Site Conditions | 430 - Upland Mixed Forest |
| Berm | Streams | 411 - Northern Hardwood | 500 - Water |
| Gate | Lakes and Rivers | 413 - Aspen | 611 - Lowland Deciduous Forest |
| DNR - Primary Forest Road | Compartment Boundary | 419 - Mixed Upland Deciduous | 612 - Lowland Coniferous Forest |
| DNR - Secondary Forest Road | Clearcut | 422 - Natural Pines | 622 - Lowland Shrub |
| DNR - Forest Access Route | Selection | 423 - Other Upland Conifers | 623 - Emergent Wetland |
| County - Gravel Road | Shelterwood | 429 - Mixed Upland Conifers | |



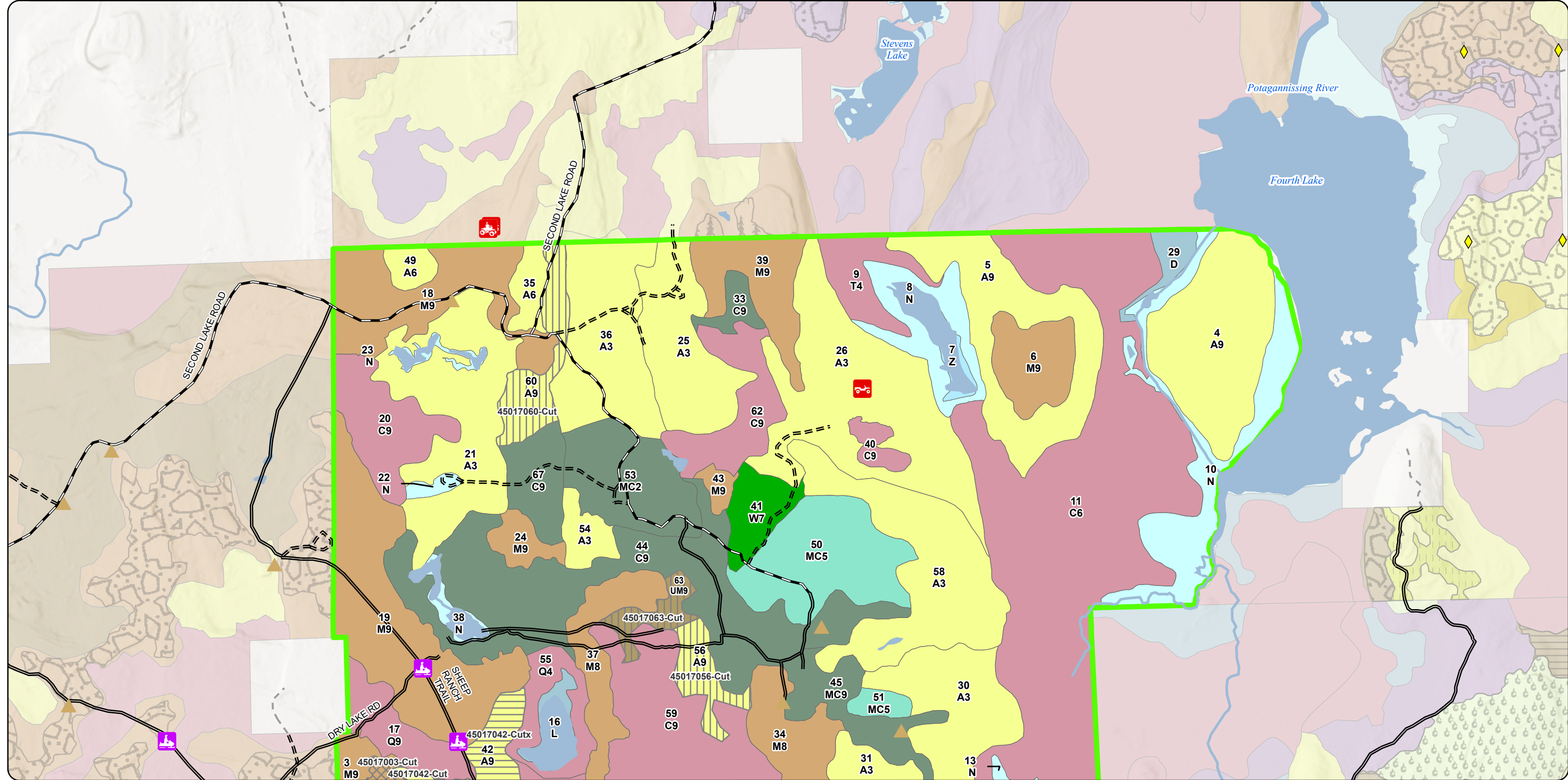
Cover Type & Treatments Map



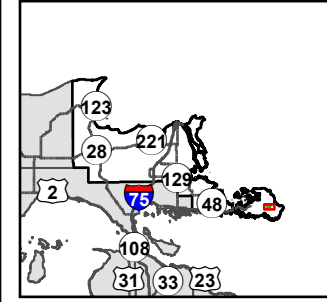
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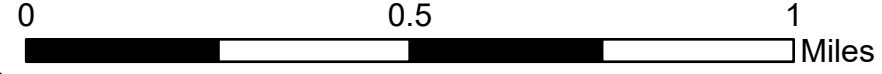
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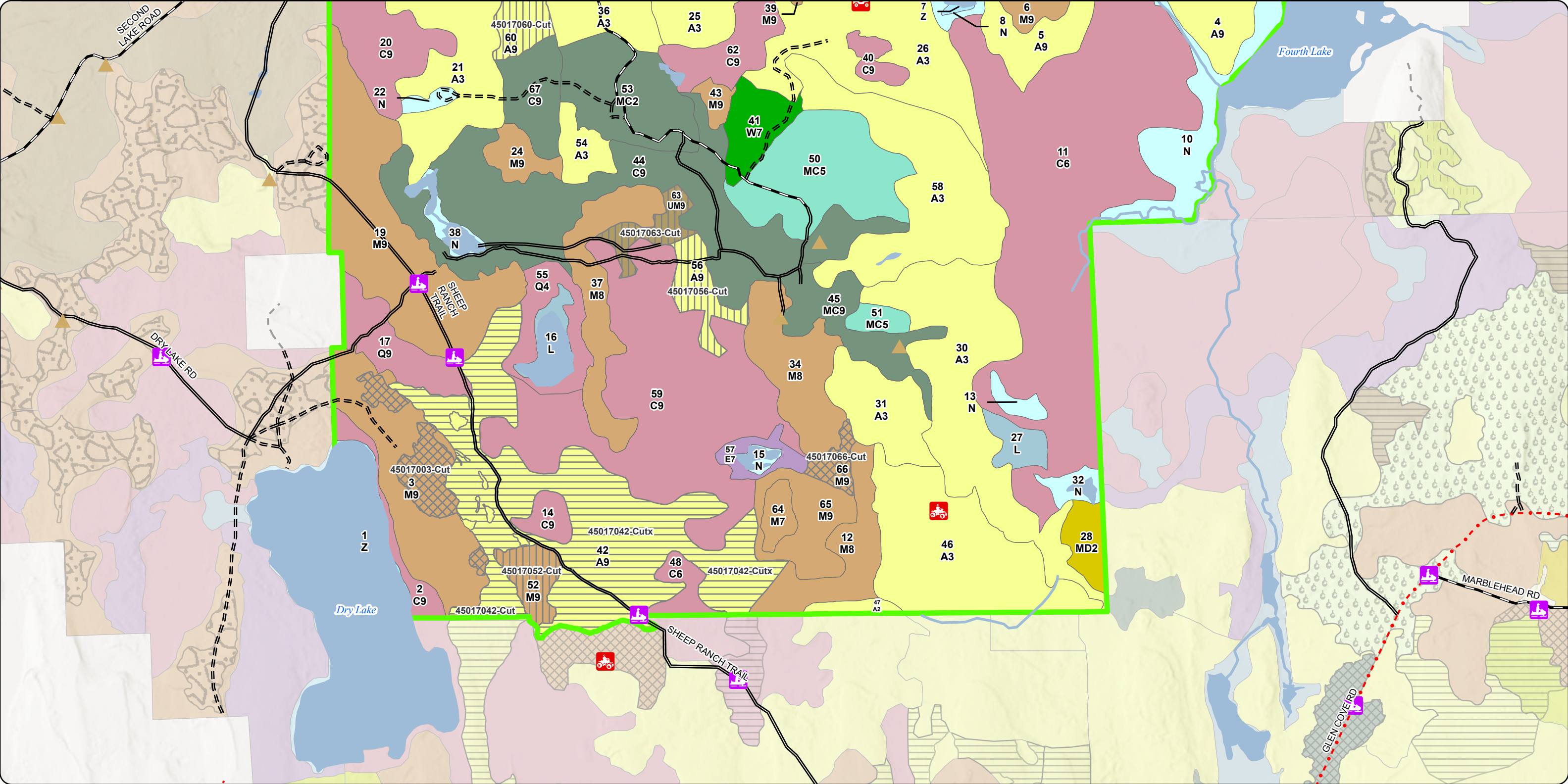
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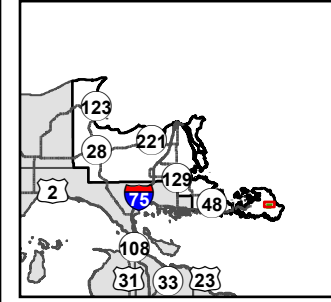
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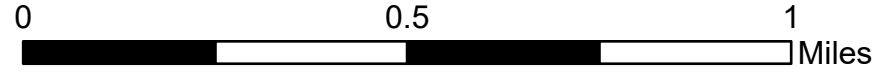
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Stand Boundary Map

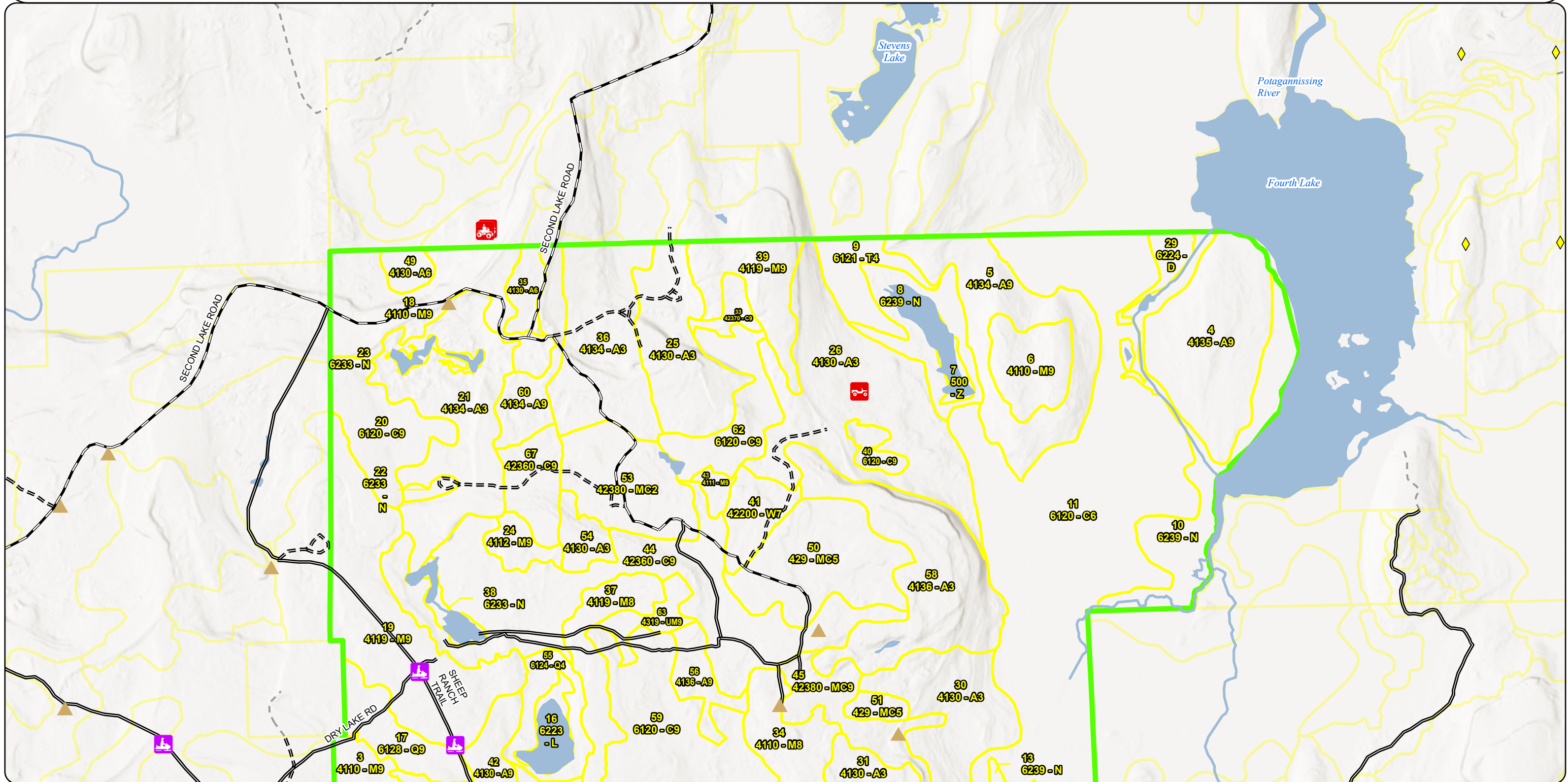


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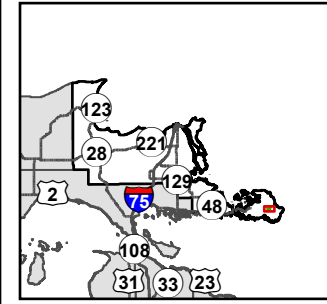


- Survey Grade Corners
- Berm
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- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Private - Dirt / Gravel Road
- Streams

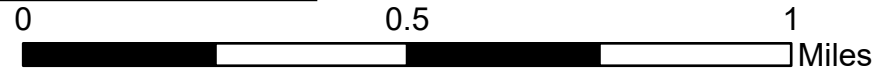
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Stand Boundary Map



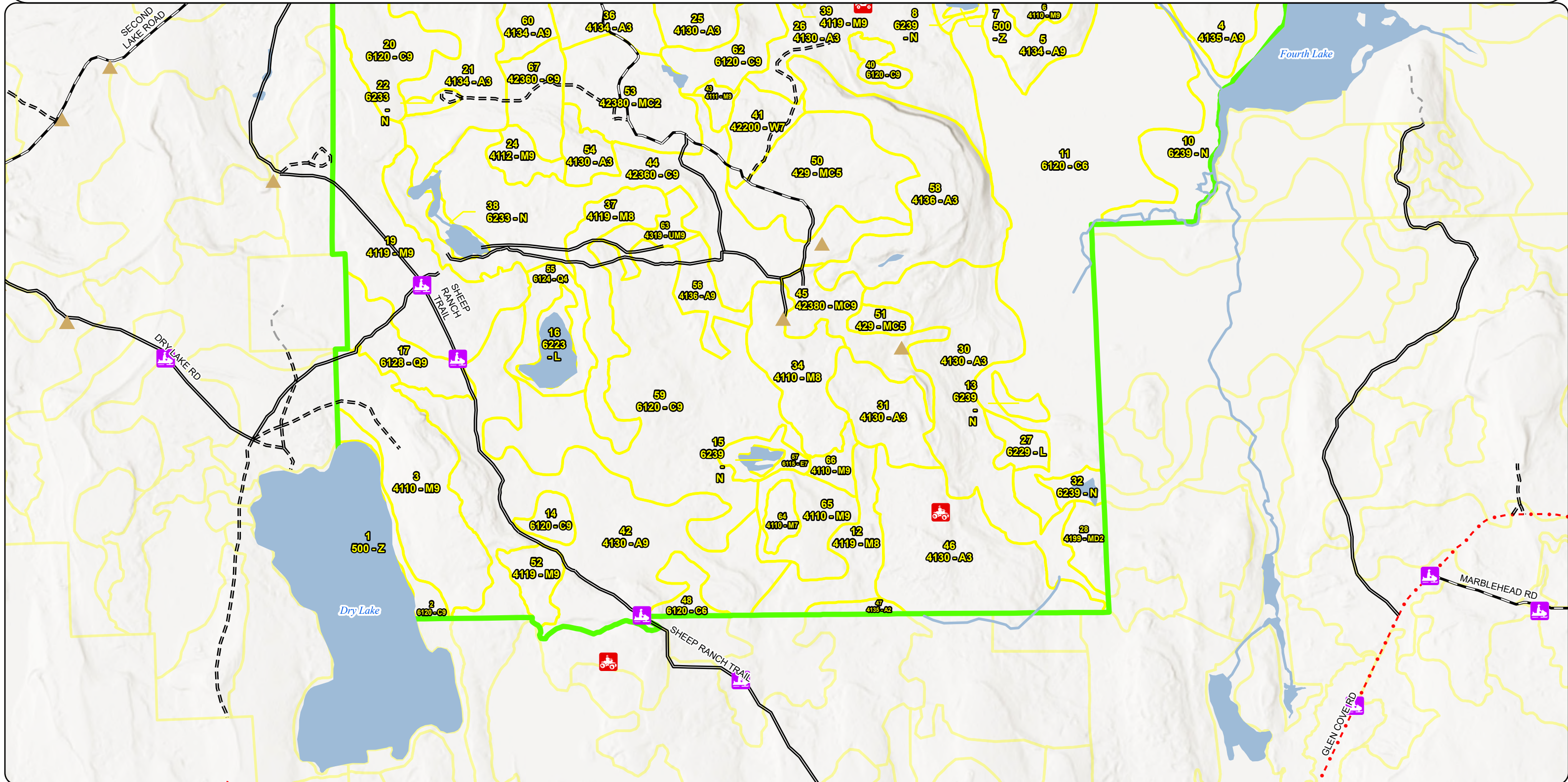
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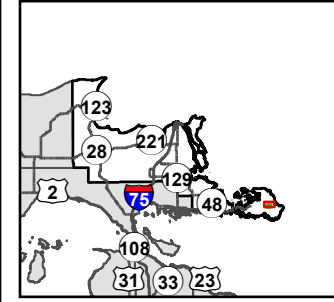
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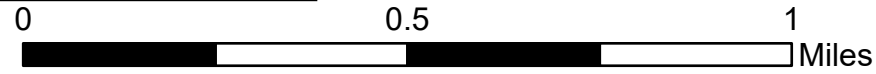
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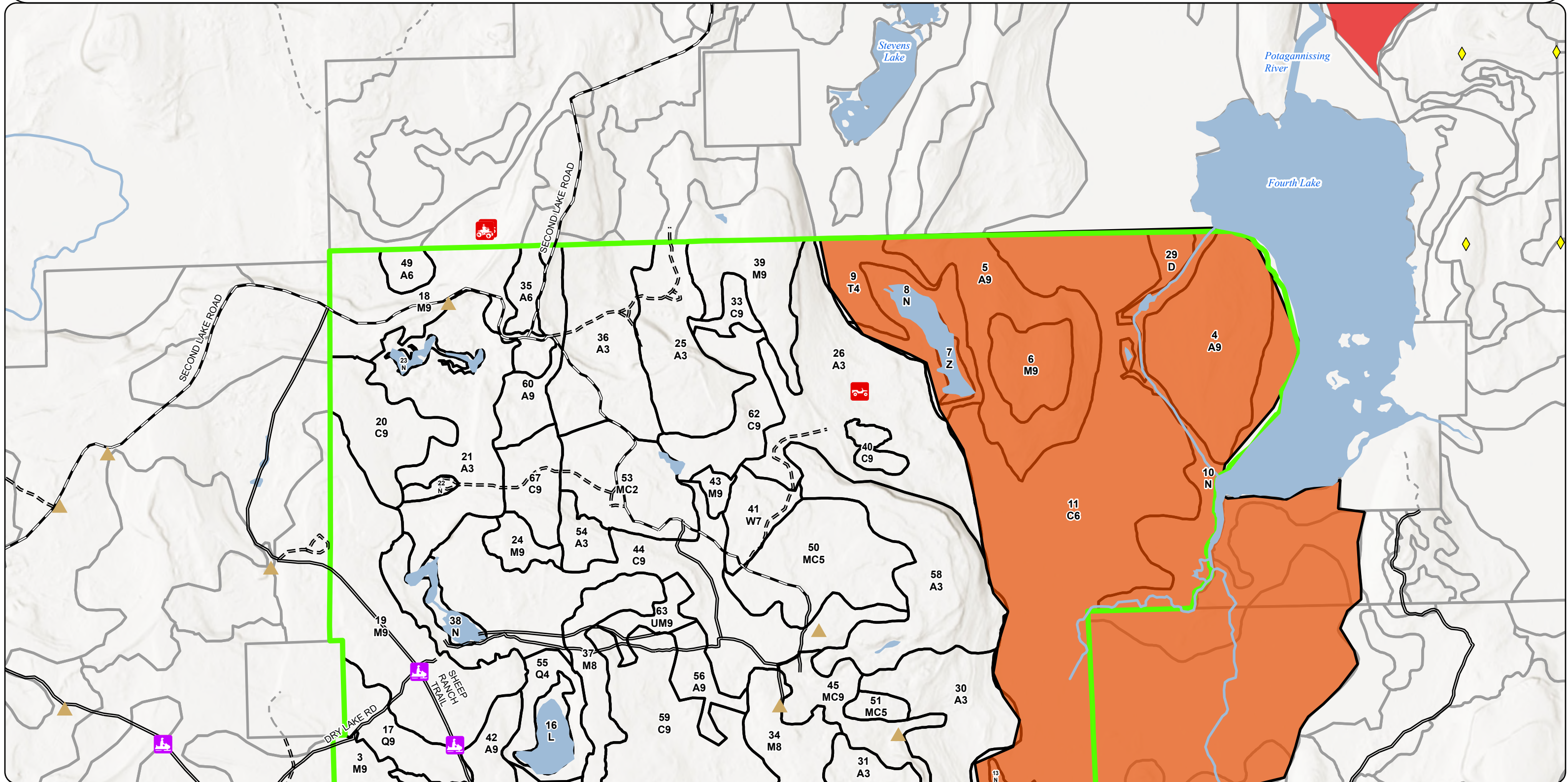
**Special Conservation Areas
& Site Conditions Map**



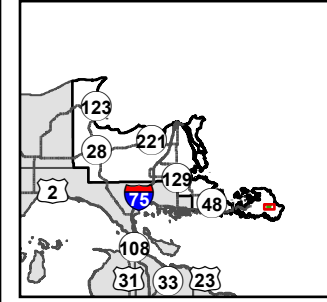
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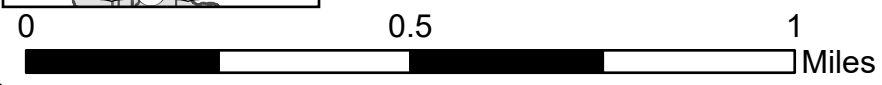
- ◆ Survey Grade Corners
- ▲ Berm
- Private - Dirt / Gravel Road
- Ecological Reference Areas
- Streams
- Lakes and Rivers
- SCA Removal
- DNR - Primary Forest Road
- Lakes and Rivers
- Other Habitat Area
- DNR - Secondary Forest Road
- Compartment Boundary
- Stand Boundaries
- DNR - Forest Access Route



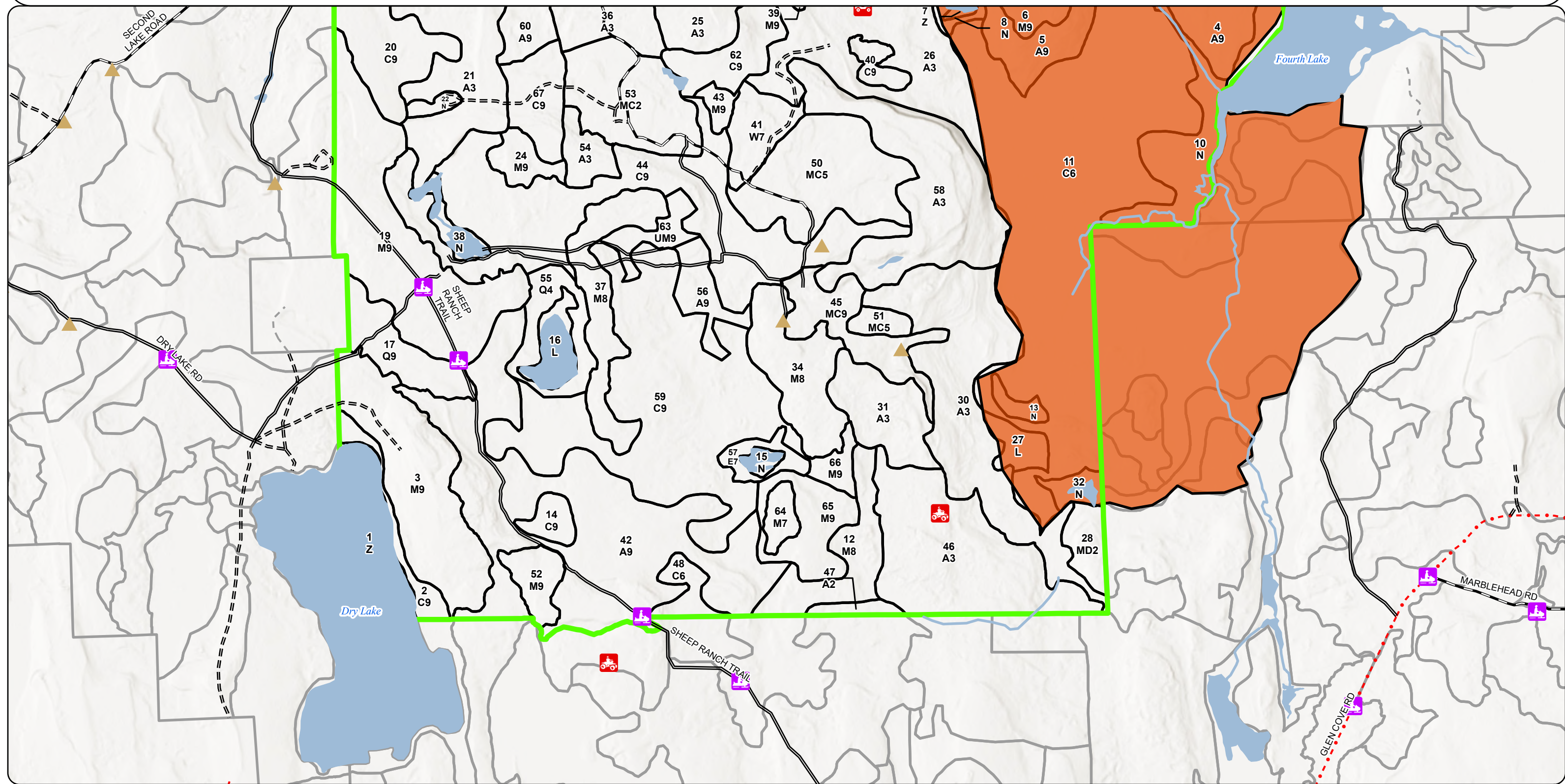
**Special Conservation Areas
& Site Conditions Map**



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- Streams
- Lakes and Rivers
- Compartment Boundary
- Stand Boundaries
- SCA Removal
- Other Habitat Area



Report 1 – Total Acres by Cover Type and Age Class

Sault Ste. Marie Mgt. Unit

Compartment 17 Year of Entry 2027

Louis Radecki: Examiner

Age Class

	<i>Non-Forest</i>	<i>0-9</i>	<i>10-19</i>	<i>20-29</i>	<i>30-39</i>	<i>40-49</i>	<i>50-59</i>	<i>60-69</i>	<i>70-79</i>	<i>80-89</i>	<i>90-99</i>	<i>100-109</i>	<i>110-119</i>	<i>120-129</i>	<i>130-139</i>	<i>140-149</i>	<i>150+</i>	<i>Unseen-Aged</i>	<i>Total</i>
Aspen	0	91	302	114	179	0	0	0	0	0	178	178	26	0	0	0	0	0	1068
Cedar	0	0	0	0	0	0	0	0	0	0	735	24	0	19	0	0	0	0	777
Lowland Conifers	0	0	0	0	0	0	22	0	0	0	28	0	0	0	0	0	0	0	50
Lowland Deciduous	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	9
Lowland Shrub	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24
Marsh	136	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	136
Mixed Upland Deciduous	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13
Northern Hardwood	0	0	0	0	0	0	0	0	28	73	201	85	86	33	0	0	0	0	506
Tamarack	0	0	0	0	0	0	0	24	0	0	0	0	0	0	0	0	0	0	24
Treed Bog	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Upland Conifers	0	0	0	59	0	0	0	0	67	0	33	0	0	0	0	0	0	0	158
Upland Mixed Forest	0	0	0	0	0	0	0	0	0	0	13	0	0	0	0	0	0	0	13
Water	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50
White Pine	0	0	0	0	0	0	0	21	0	0	0	0	0	0	0	0	0	0	21
Total	219	104	302	173	179	0	22	54	95	73	1188	287	112	52	0	0	0	0	2858

Report 2 – Treatment Summary

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

Acres of Harvest

Compartment 17
Total Compartment Acres: 2,856

Commercial Harvest - 560
Harvests with Site Condition - 0
Next Step Harvest - 0
Habitat Cut - 0

Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overstory Removal	Salvage	Other	Total Acres
Aspen	175	0	0	0	43	0	0	0	0	218
Northern Hardwood	0	30	0	0	14	0	0	0	0	44
Upland Mixed Forest	0	0	0	0	13	0	0	0	0	13
Total	175	30	0	0	70	0	0	0	0	274

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	274	0	0	0	0	0	0	0	0	274
Next Step	0	0	0	0	0	0	282	0	0	282
Total	274	0	0	0	0	0	282	0	0	557

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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:

3	45017003-Cut	21.6	4110 - Sugar Maple Association	9	113	81-110	Harvest	Selection	411 - Northern Hardwood	Cutting Record	No
<p><u>Prescription</u> Thin stand to 80 BA. Avoid harvesting oak, yellow birch, and healthy beech where possible.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> maple, oak, yellow birch,</p> <p><u>Other Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/16/2025</p>											
42	45017042-Cut	53.6	4130 - Aspen	9	97	111-140	Harvest	Clearcut	413 - Aspen	Planting Record	No
<p><u>Prescription</u> Cut all deciduous 2" or more and conifer 4" or more to maintain the early successional habitat for deer, ruffed grouse, & other wildlife. Leave at least 1 acre retention patches. Do not cut oak and cedar due to their value to wildlife. Stay out of cedar p</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> Acceptable regeneration includes aspen, birch, maple, spruce, fir, cedar, hemlock, beech, oak.</p> <p><u>Other Comment:</u> Only treat a smaller portion of the stand at this treatment.</p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/01/2021</p>											
42	45017042-Cutx	121.6	4130 - Aspen	9	97	111-140	Harvest	Clearcut	413 - Aspen	Planting Record	No
<p><u>Prescription</u> Cut all trees down to 2" DBH. Do not cut oak, cedar, yellow birch, basswood, pine, beech, or hemlock. Mark 1 mature maple per acre AND 1 mature aspen per acre for retention. Retention requirements will be met by not harvesting cedar, oak, hemlock, and be</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, maple, oak</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 ID	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
52	45017052-Cut	14.3	4119 - Mixed Northern Hardwoods	9	97	111-140	Harvest	Shelterwood	4111 - S.Maple, Hard Mast Association	Planting Record	No
<p><u>Prescription</u> Mark the stand leaving 40 basal area throughout. Cut all aspen, beech, and birch. Do not cut any cedar, hemlock, yellow birch, or red oak. <u>Specs:</u> Leave higher canopy closure over areas with large boulders to provide habitat to rare species.</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u></p> <p><u>Acceptable</u> Any mix of sugar maple, red oak, yellow birch, aspen, red maple, cedar, and fir. <u>Regen:</u></p> <p><u>Other</u> Approved through the post compartment review process. Try arranging slash to deter deer, consult with TMS as to what has been working in the Walters Research. <u>Comment:</u></p> <p><u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2021</p>											
56	45017056-Cut	16.7	4136 - Aspen, Mixed Conifer	9	102	111-140	Harvest	Shelterwood	413 - Aspen	Planting Record	No
<p><u>Prescription</u> Cut all trees 2" DBH and above. Do not cut pine, cedar, yellow birch, oak, beech, or hemlock. Mark 1 mature maple per acre for retention. <u>Specs:</u> Retention goals exceeded by the leave species.</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u></p> <p><u>Acceptable</u> aspen, maple, paper birch, pine. <u>Regen:</u></p> <p><u>Other</u> <u>Comment:</u></p> <p><u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026</p>											
60	45017060-Cut	26.1	4134 - Aspen, Spruce/Fir	9	111	81-110	Harvest	Shelterwood	4319 - Mixed Upland Forest	Planting Record	No
<p><u>Prescription</u> Cut all trees 2" DBH and above. EXCEPT do not cut pine, sugar maple, or cedar. Create brush piles for hare habitat - 1 pile every 2 acres. <u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u></p> <p><u>Acceptable</u> aspen, birch, spruce, fir, maple. <u>Regen:</u></p> <p><u>Other</u> <u>Comment:</u></p> <p><u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026</p>											
63	45017063-Cut	12.6	4319 - Mixed Upland Forest	9	94	81-110	Harvest	Shelterwood	4319 - Mixed Upland Forest	Planting Record	No
<p><u>Prescription</u> Cut all trees 2" DBH and above. Do not cut pine, cedar, yellow birch, oak, beech, or hemlock. Retention goals exceeded by the leave species. <u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u></p> <p><u>Acceptable</u> aspen, birch, maple, pine. <u>Regen:</u></p> <p><u>Other</u> <u>Comment:</u></p> <p><u>Site Condition:</u> <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
66 45017066-Cut	7.9	4110 - Sugar Maple Association	9	87	111-140	Harvest	Selection	411 - Northern Hardwood	Cutting Record	No
<p><u>Prescription Specs:</u> Create gaps 0.2 - 0.5 acres in size totaling 10-20% of the treatment area; then thin to 80 BA throughout Buffer the stream in the south of the stand in accordance with applicable BMPs</p> <p><u>Next Step Treatments:</u> Monitoring, Natural Regen (Intermediate); Monitoring, Natural Regen (Intermediate)</p> <p><u>Acceptable Regen:</u> maple, yellow birch, hemlock, oak.</p> <p><u>Other Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/01/2026</p>										

Total Treatment Acreage Proposed: 274.4

Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Louis Radecki: Examiner

Compartment: 17

Year of Entry: 2027

Availability for Management

Total Acres	Acres Available	Acres <i>With Condition</i>	Acres Not Available
715	1,568	0	186
	60%		40%

Dominant Site Conditions

	Availability for Management			Dominant Site Condition	Dominant Site Conditions				
	Total Acres	Acres Available	Acres <i>With Condition</i>		1C	3A	3J	3L	5E
901	715	1,568	0	Aspen	15	161			9
755	17	1,568	0	Cedar		312	13	414	
50	50	1,568	0	Lowland Conifers					
9	9	1,568	0	Lowland Deciduous					
24	24	1,568	0	Lowland Shrub					
81	68	1,568	0	Marsh		13			
13	13	1,568	0	Mixed Upland Deciduous					
495	464	1,568	0	Northern Hardwood		30		1	
24	0	1,568	0	Tamarack		24			
9	0	1,568	0	Treed Bog		9			
151	125	1,568	0	Upland Conifers				26	
13	13	1,568	0	Upland Mixed Forest					
50	50	1,568	0	Water					
21	21	1,568	0	White Pine					
2,595	1,568			Total Forested Acres	15	549	13	441	9
	60%			Relative Percent					

**Due to limitations in the current Site Conditions Analysis tool, all nonforested acres are considered available. Future development will enable analysis of nonforested types.*

Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable	3L: Other wildlife concerns	19	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Too much cedar in these stand to harvest, WLD would like it left.							
2	Unavailable	1C: Other Dept. or Div. process	15	Unspecified	Unspecified	Unspecified	Unspecified
Comments: See locked comments							

Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Louis Radecki: Examiner

Compartment: 17

Year of Entry: 2027

3	Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Retention from Rocky Road Aspen sale							
4	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
9	Unavailable	5E: Long-Term Retention	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
10	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	13	3L: Other wildlife concerns	Unspecified	Unspecified	Unspecified
Comments: Buffer along the lake that happens to be cedar							
11	Unavailable	3A: Conservation values incompatible with harvest at this time	549	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Other habitat area SCA propose to add to DHA							
12	Unavailable	3L: Other wildlife concerns	422	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Cedar stand on purchased land. WLD would like to leave							

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	500 - Water	None	40.5			No																																																																								
2	6120 - Lowland Cedar	Sawtimber Well	12.5	96	141-170	N/A	Strip of cedar along the shore of Dry Lake. Area to the south near the compartment line is more open with some ash and tag alder.																																																																							
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3	4110 - Sugar Maple Association	Sawtimber Well	77.7	113	81-110	N/A	Nice hardwood stand bordering Dry Lake. Some areas of exposed bed rock with deep cracks. Regen looks like it is mostly maple with some of the more open areas being dominated by beech. Lots of diseased beech. Sale 007-15, beech and ash salvage, cut in 2020.2024. Understory primarily beech 10-20ft. Sugar maple regeneration insufficient. Lots of browse evident on sugar maple seedlings suppressing growth. North area has less maple and more beech seedlings. Unharvested areas contain limited regeneration.																																																																							
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5	4134 - Aspen, Spruce/Fir	Sawtimber Well	76.5	105	141-170	N/A	Stand is mostly aspen/birch in the area adjacent to the hardwood then as you go up into the north finger it gets a little bit lower and turns into the typical aspen over cedar. There is a lot of established maple regeneration in the aspen/birch portion of the stand. The northern part that is aspen over cedar looks like it could be operated in. The thickest cedar is adjacent to the lowland. Stand was remote inspected on 5/30/25. Stand data is from 03/25/2015.																																																																							
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6	4110 - Sugar Maple Association	Sawtimber Well	30.0	107	111-140	N/A	This is a neat old stand of hardwoods with very large trees. Looks like it is untouched for the most part. Stand was remote viewed 5/30/25. Stand data is from 03/25/2015																																																																					
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7	500 - Water	None	9.3			No	Stand has a beaver dam along the south edge with two beaver lodges in the pond.																																																																					
8	6239 - Mixed Emergent Wetland	None	34.2			No	Wetland stand with cattails and dead cedar. Stand was remote viewed 5/30/25. Last field inspection was 03/25/2015																																																																					
9	6121 - Tamarack	Poletimber Poor	23.5	66	1-50	N/A	Most of the cedar in this stand died when the beavers build the dam many years ago. Now there is tamarack growing amongst the cedar snags and stumps with cedar regeneration that is about 5' tall. Up to the north along the compartment line the stand is more of a C6 comparable to the stand in the adjacent compartment. Stand was remote inspected on 5/30/25. Stand data is from 3/25/2015.																																																																					
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11	6120 - Lowland Cedar	Poletimber Well	312.4	94	171-200	N/A	Stand is really nice cedar along the aspen clearcut edge but as you get closer to Fourth Lake the stand gets small and more wet.																																																																					
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12	4119 - Mixed Northern Hardwoods	Sawtimber Medium	33.0	121	81-110	N/A	This stand has canopy gaps containing aspen, but almost none in the overstory. Based on the age of the maple the aspen may have died out resulting in the canopy gaps. Along the edges paper birch can be found. Ironwood common throughout.																																																																					
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13	6239 - Mixed Emergent Wetland	None	5.1			No	There is water flowing in this stand that was open even in march when everything else was frozen. Mostly wetland species with scattered tamaracks and stumps/snags. Old beaver dam stretches the whole south side of this stand. Appears to be fed from a spring in the north end.																																										
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14	6120 - Lowland Cedar	Sawtimber Well	8.7	98	171-200	N/A	Stand of cedar that is too thick to cut in. East of the old road the stand gets a little smaller in DBH, more mixed and has a heavier understory. West of the old road it is giant cedar that is open underneath.																																										
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15	6239 - Mixed Emergent Wetland	None	3.6			No	Stand is seasonally flooded mostly grasses.																																										
16	6223 - Inundated Shrub Swamp	None	13.7			No	Pond is seasonally flooded and might hold some water year round.																																										
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17	6128 - Lowland Coniferous, Mixed Deciduous	Sawtimber Well	27.6	98	141-170	N/A	Mixed conifer stand with some patches of thick cedar. The rest of the stand is more mixed with cedar, aspen, spruce and fir.																																										
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18	4110 - Sugar Maple Association	Sawtimber Well	65.0	89	51-80	N/A	Beech was removed from the western part of the stand in 2017. Stand was last thinned in 2001 as the Second Lake Hardwood sale. In many areas no regeneration. BA is a little low to harvest, let the stand grow. Lots of beech regen in SW. Scattered cedar in the stand. A good size ridge runs through the stand.																																																																										
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19	4119 - Mixed Northern Hardwoods	Sawtimber Well	104.6	93	51-80	N/A	Stand was thinned in 2012 as part of Smurf Hardwoods. Stand is mostly sugar maple with beech mixed in especially in the north end of the stand. The stand has quite a bit of beech regeneration; some desirable regeneration, but not enough to stock the stand. Scattered oak, hemlock and cedar. Sale 007-15 beech and ash salvage, cut in 2019-20.																																																																										
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20	6120 - Lowland Cedar	Sawtimber Well	40.7	96	171-200	N/A	Very large aspen over cedar. Lots of blow down but not a lot of regeneration in the understory. There are some areas in this stand that are operable. The southern portions of the stand seem to be thicker with cedar than the north. The north part of the stand is different and is more of a mixed of aspen and spruce with scattered cedar. A little bit higher ground here.																																																																										
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
21	4134 - Aspen, Spruce/Fir	Sapling Well	87.9	30	Immature	N/A	Stand was cut in 1996 as part of Second Lake Sale. Regeneration is now 15-20 ft tall mostly aspen with conifers in the understory. Some areas of pole size mixed conifers that were left during harvest. There are areas in the north part of the stand that are more open.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species			
Red Oak		2	Pole	6		Quaking Aspen			
Paper Birch		5	Sapling	1		Balsam Fir			
Quaking Aspen		30	Sapling/Pole	4	30	White Spruce			
Bigtooth Aspen		20	Sapling/Pole	4					
Balsam Fir		10	Pole/Sapling	5					
White Spruce		10	Sapling/Pole	3					
Northern White Cedar		2	Pole	5					
White Pine		10	Sapling/Pole	3					
Black Ash		2	Sapling	3					
Black Cherry		3	Sapling	1					
Ironwood		3	Sapling	2					
Striped Maple		3	Sapling	2					
22	6233 - Wet Meadow	None	3.7			No		This stand is seasonally flooded. A few scattered trees but mostly a grass opening.	
23	6233 - Wet Meadow	None	5.3			No	This stand is seasonally flooded. Mostly grasses with scattered trees.		
Sub-Canopy Species		Density	Avg. Height	Size					
Mixed Grasses		Full	Not Applicable	Not Applicable					
Red Osier Dogwood		Low	< 5 feet	< 5 feet					
24	4112 - Maple, Beech, Cherry Association	Sawtimber Well	11.5	103	81-110	N/A	Stand was last thinned in 2012 as part of Smurf Hardwoods. This stand has a lot of beech with BBD. Scattered hemlock and cedar. Lots of young beech in the understory. Some canopy beech has died; the remaining exhibit beech scale, but look otherwise healthy relative to other infested stands. Beech nut husks are plentiful on the forest floor.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species			
Sugar Maple		50	Log/Pole	13	103	Maple (spp.)			
Beech		30	Log/Pole	13		Beech			
Paper Birch		5	Log/Pole	12					
Bigtooth Aspen		8	Log	15					
Northern White Cedar		2	Log	13					
Hemlock		3	Log/XLog	15					
Ironwood		2	Pole	8					
25	4130 - Aspen	Sapling Well	56.5	15	Immature	N/A		Stand was cut in 2011 as part of Rocky Road Aspen. Awesome aspen regeneration with scattered overstory trees. The north end of the stand is a little lower and is mostly balsam poplar. There is a good size ridge in the stand south of the two track.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species			
Red Oak		2	Log	14		Tag Alder			
Paper Birch		2	Pole	9		Ironwood			
Quaking Aspen		40	Sapling	3	15				
Bigtooth Aspen		30	Sapling	3					
Balsam Poplar		20	Sapling	3					
Northern White Cedar		3	Pole/Log	8					
White Pine		3	Log/Pole	12					

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																			
26	4130 - Aspen	Sapling Well	118.0	13	Immature	N/A	Most of this stand, along with 41 and 58, was cut in 2012 with the exception of a few areas that were finished up in 2014. This was part of Rocky Road Aspen. Aspen is coming in very nicely with the only spots lacking regeneration where harvesting took place last winter. Scattered pole size trees throughout the sale. Most of the pine in the stand is at the southern end. Retention left on rock ledges through the middle of the stand.																																																																			
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27	6229 - Mixed Lowland Shrub	None	10.1			No	Old Beaver flooding. A cone of balsam poplar in the stand along with lots of shrubs. Beaver dam on north side of the stand.																																																																			
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28	4199 - Other Mixed Upland Deciduous	Sapling Medium	13.0	6	Immature	N/A	This stand was cut in the summer of 2020 as part of Compartment Line MixStand is regenerating primarily with BAM.																																																																			
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29	6224 - Treed Bog	None	9.1			No	Eastern portion of cedar stand 11. the trees become smaller and more sparse the further east you go, comprising a treed bog stand as opposed to a forested cedar stand																																																																			
30	4130 - Aspen	Sapling Well	101.0	25	Immature	N/A	Stand was cut in 2001 as the Stand 31 Aspen sale. Nice aspen and balsam poplar regeneration in this stand with scattered large poles throughout the stand. Fir and spruce are coming in under the aspen. Southern portion of this stand is more wet and has most of the balsam poplar. The northern portion of this stand has scattered red and white pine that were left during the harvest. Streaks of retention present through the middle of the stand.																																																																			
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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31 4130 - Aspen Sapling Well 33.4 14 Immature N/A Stand was cut in 2012 as part of Rocky Road Aspen. Very nice aspen regeneration with balsam and spruce. Small pole size maple, ironwood and beech were left in the sale.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	1	Pole	5	
Red Oak	2	Pole	8	
Quaking Aspen	72	Sapling	3	14
Bigtooth Aspen	10	Sapling	3	
Balsam Fir	3	Sapling	2	
White Spruce	10	Sapling	3	
Ironwood	2	Pole	5	

32 6239 - Mixed Emergent Wetland None 7.4 No Beaver Flooding.

33 42370 - Upland Cedar, Aspen Sawtimber Well 8.6 97 171-200 N/A This cedar stand has a higher component of aspen. transitional between the thicker cedar to the south and the adjacent northern hardwoods.

Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	27	XLog	18	
Balsam Fir	8	Log	15	
White Spruce	5	Log	12	
Northern White Cedar	60	Log	15	97

Sub-Canopy Species	Density	Avg. Height	Size
Striped Maple	Low	5 - 10 feet	5 - 10 feet
Green Ash	Medium	< 5 feet	< 5 feet

34 4110 - Sugar Maple Association Sawtimber Medium 42.6 104 81-110 N/A Sale 008-14, beech and ash salvage, cut in 2017. Lots of beech brush in the salvage areas. Free to grow sugar maple is present throughout the salvage area, but is not plentiful enough to meet the regeneration guidelines. Sugar and Striped maple seedlings are browsed very heavily.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	82	Log/Pole	11	104
Basswood	4	Log	14	
White Ash	2	Log	13	
Beech	2	Log/Pole	13	
Paper Birch	3	Pole	9	
Bigtooth Aspen	2	Log	14	
Northern White Cedar	2	Log	12	
Hemlock	3	Log	13	

Sub-Canopy Species	Density	Avg. Height	Size
Ironwood	Low	Variable	Variable
Striped Maple	Medium	5 - 10 feet	5 - 10 feet
Beech	High	5 - 10 feet	5 - 10 feet
White Spruce	Low	10 - 20 feet	10 - 20 feet
Sugar Maple	Medium	5 - 10 feet	5 - 10 feet
Balsam Fir	Low	Variable	Variable
Blackberry/Raspberry	Medium	< 5 feet	< 5 feet

35 4130 - Aspen Poletimber Well 11.5 32 51-80 N/A Stand was cut in 1994 as part of Second Lake Sale. Nice pole sized stand. Aspen over spruce/fir with some scattered larger dbh trees.

Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	80	Pole	7	32
Balsam Fir	10	Pole	5	
White Spruce	2	Pole	7	
Northern White Cedar	2	Pole	6	
White Pine	2	Log	15	
Ironwood	4	Pole	5	

Sub-Canopy Species	Density	Avg. Height	Size
White Pine	Low	5 - 10 feet	5 - 10 feet
Sugar Maple	Low	< 5 feet	< 5 feet
Balsam Fir	High	>20 feet	>20 feet
White Spruce	Low	5 - 10 feet	5 - 10 feet
Quaking Aspen	Medium	Variable	Variable
Ironwood	Low	5 - 10 feet	5 - 10 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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36	4134 - Aspen, Spruce/Fir	Sapling Well	71.2	30	1-50	N/A	Stand was cut in 1996 as part of Second Lake Road Sale. Came back fairly nicely after harvest. Some areas where bedrock is close to the surface have come back to more of a MC type with a more open canopy than areas of aspen. Scattered log and pole size aspen, oak, white pine left during harvest. There is a patch of retention that was left toward the north end of the stand that is pole size spruce and fir.				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
Sugar Maple		2	Sapling/Pole	3		Sugar Maple		High	< 5 feet	< 5 feet	
Sugar Maple		1	Log	12		Balsam Fir		Medium	10 - 20 feet	10 - 20 feet	
Beech		2	Sapling	1							
Red Oak		2	Pole	8							
Quaking Aspen		55	Sapling/Pole	4	30						
Bigtooth Aspen		5	Sapling/Pole	4							
Balsam Poplar		2	Pole	9							
Balsam Fir		11	Sapling/Pole	2							
White Spruce		12	Pole	7							
Tamarack		1	Sapling	3							
White Pine		5	Sapling/Pole	3							
Red Pine		2	Sapling	3							

37	4119 - Mixed Northern Hardwoods	Sawtimber Medium	40.0	97	81-110	N/A	Stand was set up for a beech salvage in 2015 but was never harvested. Stand was last thinned in 2001 as the timber sale Hook Hardwoods. Fair amount of beech in this stand. Scattered conifers throughout the stand. Stand is access from a skid trail at the north end or along the orv trail towards the south. Some areas have relatively full canopy and are around 110 BA, other areas have 30% canopy cover and 50 BA.				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
Sugar Maple		55	Log/Pole	11	97	Bigtooth Aspen		Medium	10 - 20 feet	10 - 20 feet	
Beech		20	Log/Pole	13		Balsam Fir		Medium	< 5 feet	< 5 feet	
Red Oak		2	Log	13		Striped Maple		Low	5 - 10 feet	5 - 10 feet	
Paper Birch		5	Log/Pole	12		Beech		High	10 - 20 feet	10 - 20 feet	
Bigtooth Aspen		5	Log	14		Yellow Birch		Low	10 - 20 feet	10 - 20 feet	
White Spruce		5	Log	12		Ironwood		Low	Variable	Variable	
Northern White Cedar		3	Log/Pole	11							
Hemlock		2	Log	14							
Ironwood		3	Pole	5							

38	6233 - Wet Meadow	None	8.9			No	Stand is seasonally flooded. Mostly grasses with scattered trees(aspen, tamarack).
Sub-Canopy Species		Density	Avg. Height	Size			
Bigtooth Aspen		Low	>20 feet	>20 feet			
Mixed Grasses		Full	Not Applicable	Not Applicable			

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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39	4119 - Mixed Northern Hardwoods	Sawtimber Well	36.9	96	81-110	N/A	Stand was set up for a beech salvage in 2015 but was not cut. The east half of this stand was thinned in 2011 and the west half was thinned in 2012. Typical of hardwood stands on the island it has aspen and birch mixed in along the fringes. Much of the desirable maple regeneration is overtopped with beech and ash. Areas with significant beech have 80-90 BA while the small area without beech brush has BA ~120.				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
Sugar Maple		48	XLog/Log	18	96	Sugar Maple		Medium	5 - 10 feet	5 - 10 feet	
Basswood		10	Log/Pole	13		White Ash		Medium	10 - 20 feet	10 - 20 feet	
White Ash		10	Log/Pole	13		Balsam Fir		Medium	10 - 20 feet	10 - 20 feet	
Beech		10	Log/Pole	13		Beech		High	>20 feet	>20 feet	
Red Oak		5	Log	16		White Spruce		Medium	10 - 20 feet	10 - 20 feet	
Paper Birch		3	Log/Pole	12							
Bigtooth Aspen		5	Log	16							
Northern White Cedar		3	Log	12							
White Pine		2	Log	14							
Hemlock		2	Log	16							
Ironwood		2	Pole	8							

40	6120 - Lowland Cedar	Sawtimber Well	8.2	120	201+	N/A	Cedar stand that was excluded from the adjacent clearcut. There is hardly anything in the understory of this stand besides blowdowns.				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
Paper Birch		10	Pole/Log	9		Northern White Cedar		Low	Variable	Variable	
White Spruce		4	Log/Pole	10							
Northern White Cedar		80	Log	14	120						
Tamarack		4	Log/Pole	11							

41	42200 - Natural White Pine	Sawtimber Poor	20.6	68	1-50	N/A	Most of this stand was cut in 2012 with the exception of a few areas that were finished up in 2014. This was part of Rocky Road Aspen. Aspen is coming in very nicely. This stand contains much of the pine, oak, and cedar retention from the harvest, creating two distinct age classes.				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
Red Oak		8	Log	14		Balsam Fir		High	Variable	Variable	
Paper Birch		6	Pole	8		White Pine		Medium	5 - 10 feet	5 - 10 feet	
White Spruce		8	Pole/Sapling	5		White Spruce		Low	5 - 10 feet	5 - 10 feet	
Northern White Cedar		14	Pole/Log	9		Northern White Cedar		Low	5 - 10 feet	5 - 10 feet	
White Pine		60	Log/Pole	13	68	Red Osier Dogwood		Low	5 - 10 feet	5 - 10 feet	
Ironwood		4	Pole	6		Hazelnut (Beaked)		Low	5 - 10 feet	5 - 10 feet	
						Quaking Aspen		High	>20 feet	>20 feet	
						Bearberry		High	< 5 feet	< 5 feet	

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
42	4130 - Aspen	Sawtimber Well	178.1	97	111-140	N/A	Stand of really nice aspen and paper birch. There is scattered cedar in the stand. Some small patches of hardwood can be found in the southern part of the stand. There are some cool rock ledges to the west of the snowmobile trail.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Sugar Maple		8	Log/Pole	10		Sugar Maple	
Beech		2	Pole/Log	9		Medium	
Red Oak		2	Log	14		Low	
Paper Birch		15	Pole/Log	9		Medium	
Quaking Aspen		11	Log/Pole	13		Variable	
Bigtooth Aspen		50	Log/Pole	13	97	Variable	
White Spruce		5	Log	12			
Northern White Cedar		5	Log	12			
Hemlock		2	Log	14			
43	4111 - S.Maple, Hard Mast Association	Sawtimber Well	5.2	99	81-110	N/A	Very nice stand of large hardwood. There is no record in the file of this stand being thinned. Typical of Drummond hardwood stands there is aspen along the edges. Not a lot of regeneration in the undeBedrock.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Sugar Maple		51	Log/Pole	13	99	Balsam Fir	
Basswood		15	Log/Pole	13		Low	
Beech		20	Log/Pole	13		Variable	
Red Oak		2	Log	14		Variable	
Paper Birch		2	Log/Pole	12		Medium	
Quaking Aspen		3	Log	16		10 - 20 feet	
Northern White Cedar		3	Log	12		Variable	
White Pine		2	Log	14		High	
Hemlock		2	Log	12		5 - 10 feet	
						5 - 10 feet	
44	42360 - Upland Cedar	Sawtimber Well	146.5	91	171-200	N/A	Large cedar stand. It is pretty neat how most of this stand is low but there is also some rocky ledges. Some of the higher ground is supporting groves of hardwood. There isn't much growing in the understory but there are some areas of thick spruce/fir.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Red Maple		2	Log	15		Red Osier Dogwood	
Paper Birch		3	Pole/Log	9		Low	
Quaking Aspen		7	Log	15		< 5 feet	
Balsam Fir		3	Pole	8		< 5 feet	
White Spruce		5	Log/Pole	11		Trace	
Northern White Cedar		75	Log/Pole	10	91	5 - 10 feet	
White Pine		5	Log	14		5 - 10 feet	
						Medium	
						Variable	
						Variable	

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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45 42380 - Non Pine Upland Conifer, Mixed Deciduous Sawtimber Well 32.9 91 201+ N/A Heavy with cedar, this stand is marks a transition from the larger cedar stand to the north and the surrounding mixed hardwoods.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	10	Log	14	
White Ash	2	Log	15	
Paper Birch	1	Log/Pole	10	
Bigtooth Aspen	20	XLog/Log	18	
Balsam Fir	3	Pole	8	
White Spruce	10	Log/Pole	12	
Northern White Cedar	53	Log	14	91
White Pine	1	XLog	25	

Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	Low	< 5 feet	< 5 feet
Quaking Aspen	Low	< 5 feet	< 5 feet
Beech	Low	< 5 feet	< 5 feet

46 4130 - Aspen Sapling Well 90.8 9 Immature N/A

The western portion of this stand was cut in the summer of 2018, the SE corner of the stand was cut in summer of 2020. This was part of the Compartment Line Mix Sale.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	5	Pole	7	
Paper Birch	1	Sapling	1	
Bigtooth Aspen	86	Sapling	1	9
Balsam Poplar	4	Sapling	1	
Balsam Fir	1	Sapling	1	
White Spruce	2	Sapling	3	
White Pine	1	Log	15	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Low	< 5 feet	< 5 feet
Blackberry/Raspberry	Medium	< 5 feet	< 5 feet

47 4135 - Aspen, Cedar Sapling Medium 5.2 15 Immature N/A

Aspen clearcut from the adjacent compartment. Cedar was left during the harvest.

Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	40	Sapling	2	15
Bigtooth Aspen	10	Sapling	2	
Balsam Poplar	10	Sapling	2	
Balsam Fir	10	Sapling	2	
White Spruce	10	Sapling	2	
Northern White Cedar	20	Pole	6	

Sub-Canopy Species	Density	Avg. Height	Size
Yellow Birch	Low	5 - 10 feet	5 - 10 feet
Beech	Low	5 - 10 feet	5 - 10 feet
Balsam Fir	Medium	5 - 10 feet	5 - 10 feet
Striped Maple	Low	5 - 10 feet	5 - 10 feet

48 6120 - Lowland Cedar Poletimber Well 10.3 122 141-170 N/A

Area of cedar in the aspen complex. The southern portion of the stand is the most pure cedar. It is more mixed at the north end of the stand. Very little in the understory besides blow downs. The north end is drier.

Canopy Species	% Cover	Size Class	DBH	Age
Paper Birch	5	Pole	8	
Quaking Aspen	10	Log/Pole	12	
White Spruce	3	Log	11	
Northern White Cedar	80	Pole/Log	9	122
White Pine	2	Log/Pole	13	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Low	5 - 10 feet	5 - 10 feet
Deciduous Saplings	Low	< 5 feet	< 5 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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49 4130 - Aspen Poletimber Well 8.4 35 81-110 N/A This stand was cut in 1991 as part of Second Lake Sale. Aspen is doing well.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	5	Pole	7		Sugar Maple	Low	10 - 20 feet	10 - 20 feet
Paper Birch	3	Sapling/Pole	4		Quaking Aspen	Low	5 - 10 feet	5 - 10 feet
Quaking Aspen	73	Pole/Sapling	5	35	White Spruce	Low	5 - 10 feet	5 - 10 feet
Balsam Poplar	8	Sapling/Pole	4		Balsam Fir	Medium	Variable	Variable
Balsam Fir	3	Sapling/Pole	4					
White Spruce	5	Sapling/Pole	4					
Northern White Cedar	2	Log/Pole	11					
White Pine	1	Log	15					

50 429 - Mixed Upland Conifers Poletimber Medium 66.6 75 51-80 N/A Stand of white pine and white spruce. Shallow rocky soils have resulted in a poor quality stand. I am guessing this stand has slowly regenerated from a rocky opening. Scattered patches of cedar in the stand. Some spruce has died and budworm damage is evident.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	2	Log	15		Common Or Ground Juniper	Medium	< 5 feet	< 5 feet
Red Oak	2	Log	12		White Pine	Medium	Variable	Variable
Paper Birch	11	Log/Pole	11		White Spruce	High	Variable	Variable
Balsam Poplar	3	Pole/Log	9		Northern White Cedar	Medium	Variable	Variable
Balsam Fir	10	Pole	6		Red Pine	Low	5 - 10 feet	5 - 10 feet
White Spruce	15	Pole/Log	9					
Northern White Cedar	15	Log	14					
Tamarack	5	Pole	8					
White Pine	35	Log	14	75				
Red Pine	2	Pole/Log	9					

51 429 - Mixed Upland Conifers Poletimber Medium 6.7 21 1-50 N/A This is the old Finn Camp opening that is growing in with spruce trees.

Canopy Species	% Cover	Size Class	DBH	Age
Paper Birch	5	Sapling	3	
Quaking Aspen	10	Sapling/Pole	4	
Bigtooth Aspen	20	Pole	5	21
Balsam Fir	25	Sapling/Pole	4	21
White Spruce	10	Sapling	3	
White Pine	5	Sapling/Pole	4	
White Pine	10	XLog	18	
Red Pine	5	XLog	22	
Red Pine	10	Sapling/Pole	4	

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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52	4119 - Mixed Northern Hardwoods	Sawtimber Well	14.3	97	111-140	N/A	Primarily poor quality sugar maple with aspen, birch, cedar, and hemlock. There are still a few mature beech within the stand and a lot of beech brush.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Sugar Maple		64	Log/Pole	11	97	Beech		Low	10 - 20 feet	10 - 20 feet
Beech		2	Pole/Log	9		Balsam Fir		Medium	Variable	Variable
Red Oak		2	Log	14		Maple (spp.)		Medium	5 - 10 feet	5 - 10 feet
Paper Birch		10	Pole/Log	9						
Bigtooth Aspen		10	Log/Pole	13						
White Spruce		5	Log	12						
Northern White Cedar		5	Log	12						
Hemlock		2	Log	14						

53	42380 - Non Pine Upland Conifer, Mixed Deciduous	Sapling Medium	51.8	29	Immature	N/A	Stand was cut in 1996 as part of Second Lake Road Sale. Bedrock is close to the surface and this area has come back with a more open canopy and a mix of aspen and conifers.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Bigtooth Aspen		30	Sapling	3		Balsam Fir		Medium	< 5 feet	< 5 feet
Balsam Fir		35	Sapling	3	29	Common Or Ground Juniper		Medium	< 5 feet	< 5 feet
White Spruce		20	Sapling	3		Bearberry		Medium	< 5 feet	< 5 feet
Northern White Cedar		5	Pole	5						
White Pine		10	Sapling/Pole	4						

54	4130 - Aspen	Sapling Well	12.8	29	Immature	N/A	Stand was cut in 1996 as part of Second Lake Road Sale. Came back fairly nicely after harvest. Seems to be growing slowly for it's age, likely due to poor soil conditions and depth to bedrock.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Bigtooth Aspen		86	Sapling	3	29	Sugar Maple		Medium	< 5 feet	< 5 feet
Balsam Fir		10	Sapling	2		Balsam Fir		Medium	10 - 20 feet	10 - 20 feet
Northern White Cedar		2	Pole	9						
White Pine		2	Pole	5						

55	6124 - Lowland Spruce-Fir	Poletimber Poor	22.2	51	1-50	N/A	Spruce stand surrounding the wetland (stand 16) that has experienced severe mortality. Many areas submerged in spring snowmelt.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
White Spruce		83	Pole	7	51	Balsam Fir		Medium	< 5 feet	< 5 feet
Northern White Cedar		15	Log	14		Mixed Sedges/Grasses		High	Not Applicable	Not Applicable
White Pine		2	Pole	9						

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments	
56	4136 - Aspen, Mixed Conifer	Sawtimber Well	16.7	102	111-140	N/A	Mixed stand with pockets of cedar. Aspen is large and old and starting to decay. Some sugar maple poles on the higher ridges of the stand. Large residual pine left in the overstory.	
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	5	Pole/Sapling	5		Sugar Maple	Medium	Variable	Variable
Red Maple	2	Log	15		Balsam Fir	Medium	Variable	Variable
Paper Birch	10	Pole/Log	9		Beech	Trace	< 5 feet	< 5 feet
Quaking Aspen	16	Log	15		White Spruce	Low	Variable	Variable
Bigtooth Aspen	25	Log/XLog	16	102				
Balsam Fir	3	Pole	8					
White Spruce	10	Log/Pole	11					
Northern White Cedar	10	Log/Pole	10	97				
White Pine	5	Log	14					
White Pine	12	XLog	24					
Ironwood	2	Pole	8					
57	6115 - Lowland Ash	Sawtimber Poor	9.1	66	141-170	N/A	Much if the ash is dead or dying. Open canopy with Dogwood and grasses underneath.	
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Poplar	35	Pole	8		Mixed Grasses	Medium	Not Applicable	Not Applicable
Black Ash	50	Log/Pole	10	66	Red Osier Dogwood	High	< 5 feet	< 5 feet
Green Ash	15	Log/Pole	10		Balsam Poplar	Medium	< 5 feet	< 5 feet
58	4136 - Aspen, Mixed Conifer	Sapling Well	89.5	13	Immature	N/A	Most of this stand was cut in 2012 with the exception of a few areas that were finished up in 2014. This was part of Rocky Road Aspen. Aspen is coming in very nicely with the only spots lacking regeneration where harvesting took place last winter. Scattered pole size trees throughout the sale. Pine retention scattered throughout the stand. Retention left on rock ledges through the middle of the stand. Scattered patches of conifer retention throughout the stand.	
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Oak	2	Log	14		White Pine	Medium	5 - 10 feet	5 - 10 feet
Paper Birch	3	Pole	8		Balsam Fir	Medium	5 - 10 feet	5 - 10 feet
Quaking Aspen	60	Sapling	2	13	Bearberry	High	< 5 feet	< 5 feet
Balsam Fir	5	Sapling/Pole	1		White Spruce	Low	5 - 10 feet	5 - 10 feet
White Spruce	7	Pole/Sapling	5		Northern White Cedar	Low	5 - 10 feet	5 - 10 feet
Northern White Cedar	7	Pole/Log	9		Red Osier Dogwood	Low	5 - 10 feet	5 - 10 feet
White Pine	14	Log/Pole	13		Hazelnut (Beaked)	Low	5 - 10 feet	5 - 10 feet
Ironwood	2	Pole	6					
59	6120 - Lowland Cedar	Sawtimber Well	169.0	97	141-170	N/A	Large cedar stand. It is pretty neat how most of this stand is low but there is also some rocky ledges. Some of the higher ground is supporting groves of hardwood. There isn't much growing in the understory but there are some areas of thick spruce/fir.	
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	1	Log	15		Quaking Aspen	Low	Variable	Variable
Paper Birch	1	Pole/Log	9		Alder	Low	5 - 10 feet	5 - 10 feet
Quaking Aspen	19	Log	15		Balsam Fir	Medium	Variable	Variable
Balsam Fir	3	Pole	8		Beech	Trace	< 5 feet	< 5 feet
White Spruce	5	Log/Pole	11		White Spruce	Low	Variable	Variable
Northern White Cedar	70	Log/Pole	10	97	Red Osier Dogwood	Medium	< 5 feet	< 5 feet
White Pine	1	Log	14					

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
60	4134 - Aspen, Spruce/Fir	Sawtimber Well	26.1	111	81-110	N/A	Paper birch and large spruce have nearly died out of the stand. Large aspen are declining and exhibit shelf fungi. Attempting to core the aspen shows that many are hollow on the inside. Basal area is low, gaps are being filled with balsam fir. Large aspen could not be dated due to the hollow centers; Sugar Maple was aged at 110 years old and I believe that age reflects the state of the aspen and paper birch left in the stand.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Sugar Maple	30	Log/Pole	10	111	Ironwood	Low		10 - 20 feet	10 - 20 feet
Quaking Aspen	10	Log	14		Striped Maple	Low		< 5 feet	< 5 feet
Bigtooth Aspen	30	Log	15	111	Balsam Fir	Medium		5 - 10 feet	5 - 10 feet
Balsam Fir	20	Pole	8		Beech	Low		5 - 10 feet	5 - 10 feet
White Spruce	1	Log/Pole	11		White Spruce	Low		< 5 feet	< 5 feet
Northern White Cedar	5	Log/Pole	10	97	Sugar Maple	Medium		< 5 feet	< 5 feet
White Pine	3	Log	14						
White Pine	1	XLog	30						
62	6120 - Lowland Cedar	Sawtimber Well	36.4	97	141-170	N/A	Large cedar stand. This area was split from a larger cedar stand due to different conditions within the stand.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Red Maple	2	Log	15		Quaking Aspen	Low		Variable	Variable
Paper Birch	3	Pole/Log	9		Red Osier Dogwood	Medium		< 5 feet	< 5 feet
Quaking Aspen	15	Log	15		Alder	Low		5 - 10 feet	5 - 10 feet
Balsam Fir	3	Pole	8		Balsam Fir	Medium		Variable	Variable
White Spruce	10	Log/Pole	11		Beech	Trace		< 5 feet	< 5 feet
Northern White Cedar	62	Log/Pole	10	97	White Spruce	Low		Variable	Variable
White Pine	5	Log	14						
63	4319 - Mixed Upland Forest	Sawtimber Well	12.6	94	81-110	N/A	North half of 56. Less large aspen than the southern stand. More paper birch, more sapling/pole sugar maple. More pine.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Sugar Maple	15	Sapling/Pole	4		Balsam Fir	Medium		5 - 10 feet	5 - 10 feet
Paper Birch	15	Pole	9		Striped Maple	Low		< 5 feet	< 5 feet
Bigtooth Aspen	27	Log/Pole	11	94					
Balsam Fir	5	Sapling/Pole	4						
White Spruce	5	Pole	7						
Northern White Cedar	13	Log	14						
White Pine	20	XLog/Log	20						
64	4110 - Sugar Maple Association	Sawtimber Poor	8.1	115	1-50	N/A	The southern regen monitoring area of stand 34. Lots of beech has brush in the opening. Some birch and maple regeneration, but these are the minority. Lots of sugar maple seedlings that are heavily browsed.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Sugar Maple	96	Log	15	115	Sugar Maple	Medium		Variable	Variable
White Spruce	1	Pole	7		Balsam Fir	Low		5 - 10 feet	5 - 10 feet
Northern White Cedar	3	Log/Pole	10		Blackberry/Raspberry	Low		< 5 feet	< 5 feet
					Beech	High		10 - 20 feet	10 - 20 feet
					White Spruce	Low		< 5 feet	< 5 feet
					Yellow Birch	Medium		10 - 20 feet	10 - 20 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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65	4110 - Sugar Maple Association	Sawtimber Well	28.3	74	81-110	N/A	This stand was thinned in 2012 as part of Smurf Hardwoods. This portion of the stand has more pole sized trees. There is a drainage separating this area from the northern portion of the stand. Sale 008-14, beech and ash salvage, cut in 2017. Canopy still has gaps.				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
Sugar Maple		88	Log/Pole	10	74	Beech		Low	10 - 20 feet	10 - 20 feet	
White Ash		1	XLog/Log	18		White Ash		High	10 - 20 feet	10 - 20 feet	
Beech		2	Log/Pole	13		Sugar Maple		Medium	5 - 10 feet	5 - 10 feet	
Paper Birch		2	Log/Pole	10							
White Spruce		1	Pole	9							
Northern White Cedar		1	Log	15							
Hemlock		1	Log	15							
Ironwood		4	Pole	8							

66	4110 - Sugar Maple Association	Sawtimber Well	7.9	87	111-140	N/A	Area of stand 34 not included in the salvage cut; north of the stream. Good sugar maple 10-15 ft throughout.				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
Sugar Maple		89	Log	14	87	Sugar Maple		High	10 - 20 feet	10 - 20 feet	
Basswood		5	XLog/Log	18		Beech		Low	5 - 10 feet	5 - 10 feet	
Beech		2	Log/Pole	12		White Spruce		Low	10 - 20 feet	10 - 20 feet	
Bigtooth Aspen		2	XLog/Log	18							
White Spruce		1	Log/XLog	16							
Northern White Cedar		1	XLog	20							

67	42360 - Upland Cedar	Sawtimber Well	24.2	108	111-140	N/A				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Paper Birch		3	Pole	6		Balsam Fir		Medium	5 - 10 feet	5 - 10 feet
Quaking Aspen		10	Log/Pole	10						
Northern White Cedar		80	Log	14	108					
White Pine		7	Log	15						