

Compartment Review Presentation

Sault Ste. Marie Forest Management Unit

Compartment 45188

Entry Year: 2027

Acreage: 1,749

County: Mackinac

Management Area: St. Ignace Lake Plain

Stand Examiner: Nate Plato

Legal Description:

T43N-R12W Sections 25 - 28 & 34 & 35, Newton Township.

Identified Planning Goals:

Compartment 188 is located to the east of Milakokia Lake south of highway US-2. Age class diversity amongst the aspen stands in the compartment for wildlife and sustainable forestry is one of the main objectives for the compartment. Also, maintaining the public use areas like the State campground and the snowmobile trail are a high priority. This entry there will multiple hardwood thinnings, aspen final harvests and lowland type final harvests. These will create more age class diversity throughout the compartment. Previous harvests have been regenerating very well.

Soil and topography:

Many of the aspen types and some of the hardwood types are found on nearly level ground moraines, or on depressions in outwash plains and are either Menominee loamy sand or Spot Finch Complex. Lowland aspen types that are quite numerous in the compartment are on depressions in nearly level lake and outwash plains and are usually a Markey-Spot-Finch complex. The nicer hardwoods site are on undulating ground moraines and outwash plain and are a Heinz sandy loam. The large bog in the compartment is a Dawson and Loxley peat soils and is on a closed depression of a lake plain. The cedar types in the compartment are typically found on Markey and Carbondale mucks that sit on depressions in ground moraines and lake plains.

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

The compartment borders small private landowners to the north and to the west. Aurora Sustainable Lands (formerly owned by Great Lakes Rural NMTC Forestlands) has ownership to the northeast of the compartment and the rest of the compartment is adjacent to other state ownership to the south and east. There are numerous cabins along Milakokia Lake and abut to the compartment boundaries to the west.

Unique Natural Features:

The compartment has the potential for numerous rare and endangered fauna and flora.

Archeological, Historical, and Cultural Features:

Feature(s) present in western isolated parcel of compartment. 43N 12W Sec. 28

Special Management Designations or Considerations:

The compartment has the potential for numerous rare and endangered fauna and flora. The entire compartment is also within Deer Wintering Complex.

Watershed and Fisheries Considerations:

This compartment contains Tom's Creek and borders the Milakokia Lake shoreline. Tom's Creek is a non-designated stream less than 50-ft wide that has a predicted mean July water temperature of 60.8°F (cold stream). A minimum 100-foot, plus 5 feet per 1% increase in slope, buffer is recommended for Tom's Creek to protect these resources in accordance with Best Management Practices. Milakokia Lake is a large 1,956-acre natural lake. A minimum 100-foot, plus 5 feet per 1% increase in slope, buffer is recommended to protect Milakokia Lake shoreland areas in accordance with Best Management Practices.

Wildlife Habitat Considerations:

This compartment is in 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. The compartment is dominated by lowland types ranging from lowland shrub/scrub to cedar and other lowland conifers as well as lowland deciduous (primarily poplar). Aspen is common in upland areas. Some stands are relatively young as a result of previous treatments, and provide habitat for ruffed grouse, woodcock, deer, and snowshoe hare. Some northern hardwoods are present and treatments are planned to encourage diversity. The compartment is in deer wintering complex and harvests are expected to take place during the winter months to benefit wintering deer.

Mineral Resource and Development Concerns and/or Restrictions

No known potential exists for commercial oil & gas production in this part of the state, and there is no known potential for economic production of metallic minerals in this area. The Bill Burton Quarry is just northeast of the compartment, which produces sand & gravel and crushed stone for cement. In addition, Carmeuse's Port Inland Quarry is just over one mile southwest, across Milakokia Lake. Extensive past exploration (test drilling) for high-purity dolomite was completed within the compartment and the area southeast. Potential does exist for future additional development of dolomite resources within the compartment, but it is unlikely in the near future. Carmeuse still has room to expand their existing Port Inland Quarry and many years of reserves remaining. Development of a new quarry and associated infrastructure would not be economical at this time. The State does not own all the mineral rights within the compartment. 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:

The Pike Lake Grade (gravel county road) and Warner Road (paved county road) provide hard surface access to the western portion of the compartment with a small network of poor dirt roads branching off. The power line also provides access to some areas of the compartment; permission is needed from private landowner if hauling to the west. The northeast portion of the compartment is accessed through many different small landowners off US-2; permission is required for use of the roads.

Survey Needs:

Multiple corners will be needed.

Recreational Facilities and Opportunities:

The compartment has the Milakokia Lake State Forest Campground on the east side of the lake. The campground is a maintained rustic campground with a boat launch and was updated to ADA standards along with other renovation. The eastern portion of the compartment has a snowmobile trail that is maintained and groomed. The compartment as a whole provides boating, fishing, hunting, trapping and hiking opportunities.

Fire Protection:

The central part of the compartment has limited equipment access due to the wet soil conditions. Thick organic soil will make fire fighting difficult and labor intensive.

Additional Compartment Information:

None.

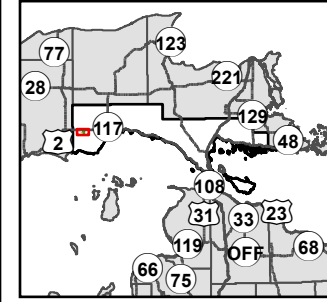
The following reports from the Inventory are attached:

- 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**

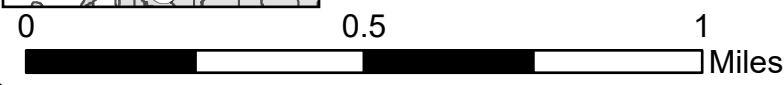
The following information is displayed, where pertinent, on the attached compartment maps:

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

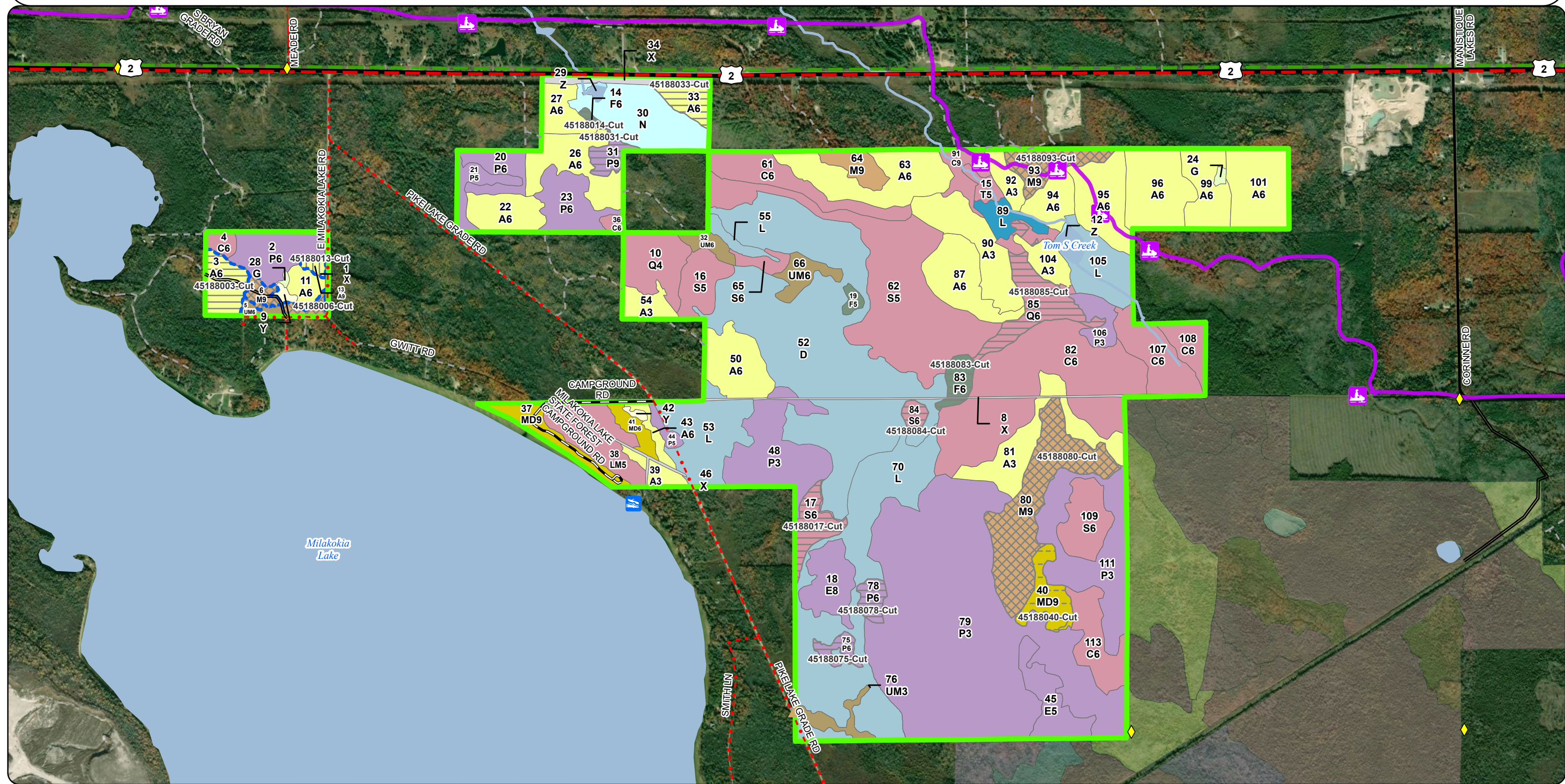
Cover Type & Treatments Map



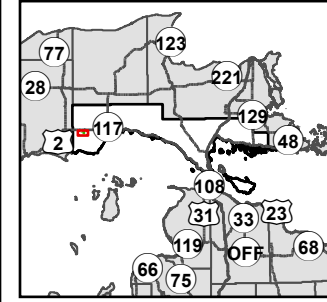
Compartment: 45188
 T43N, R12W, Sec: 25-28, 34, 35
 County: Mackinac
 Unit: Sault Ste. Marie
 Mgmt. Area: St. Ignace Lake Plain
 YOE: 2027
 Acres: 1,749 GIS Calculated
 Examiner: Nate Plato
 Date Exported: 2/4/2026
 Map Phase: Post Review



- | | | | |
|---------------------------------------|---------------------------------|---------------------------------|----------------------------------|
| Survey Grade Corners | Private - Dirt / Gravel Road | 411 - Northern Hardwood | 110 - Low Intensity Urban |
| Berm | Streams | 413 - Aspen | 122 - Road/Parking Lot |
| Boating Access Site | Lakes and Rivers | 419 - Mixed Upland Deciduous | 310 - Herbaceous Openland |
| DNR - Primary Forest Road | Compartment Boundary | 423 - Other Upland Conifers | 622 - Lowland Shrub |
| DNR - Secondary Forest Road | Clearcut | 430 - Upland Mixed Forest | 623 - Emergent Wetland |
| Federal / State Highway | Selection | 500 - Water | 629 - Mixed non-forested Wetland |
| Federal / State / County - Paved Road | Shelterwood | 611 - Lowland Deciduous Forest | 710 - Sand, Soil |
| County - Gravel Road | Overstory Removal | 612 - Lowland Coniferous Forest | |
| County - Dirt Road (Seasonal) | Treatments with Site Conditions | 613 - Lowland Mixed Forest | |



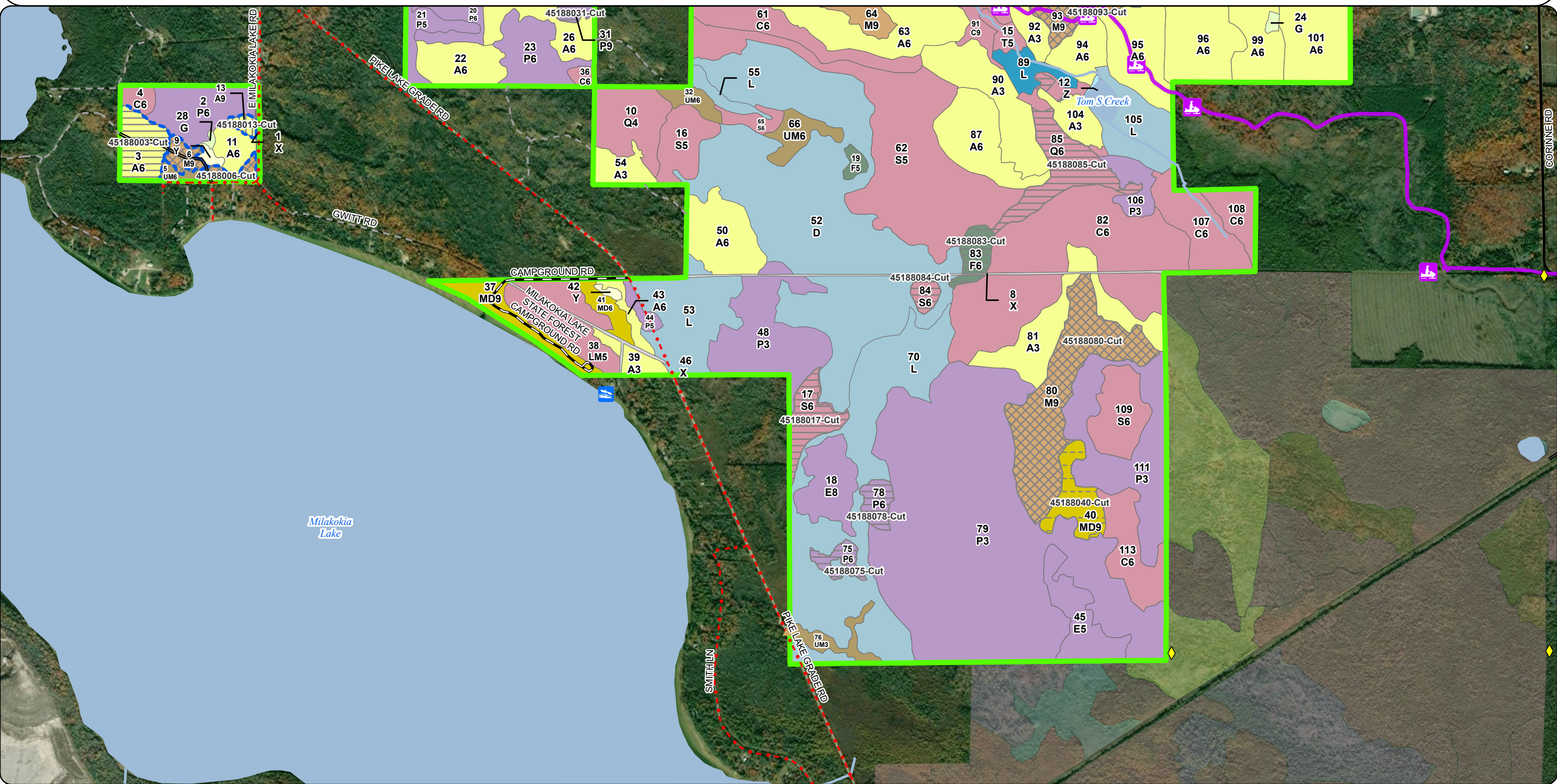
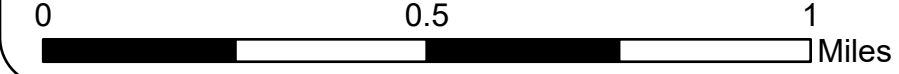
Cover Type & Treatments Map



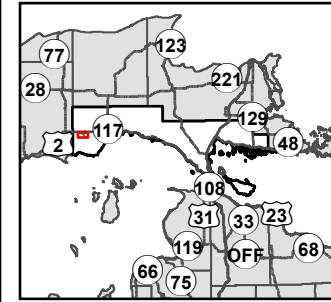
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- Survey Grade Corners
- Berm
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- Federal / State / County - Paved Road
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- 411 - Northern Hardwood
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 423 - Other Upland Conifers
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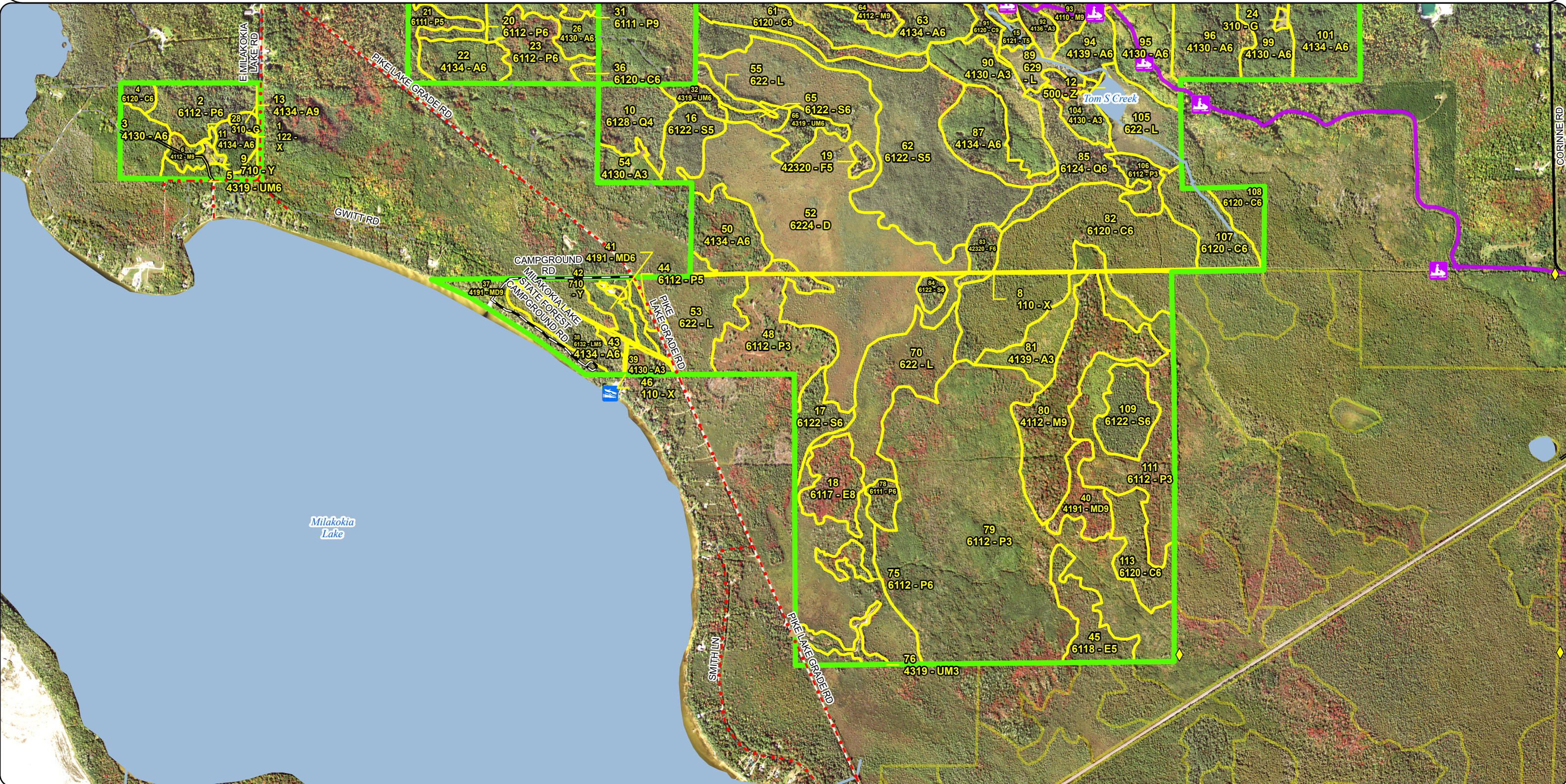
Stand Boundary Map



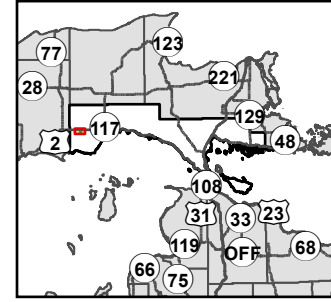
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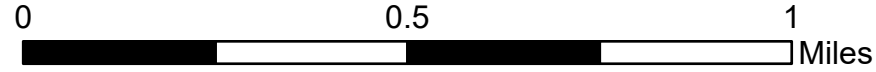
- 423 - Other Upland Conifers
- 430 - Upland Mixed Forest
- 500 - Water
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 682 - Lowland Shrub
- 629 - Mixed non-forested Wetland
- 710 - Sand, Soil
- 122 - Road/Parking Lot
- 310 - Herbaceous Openland



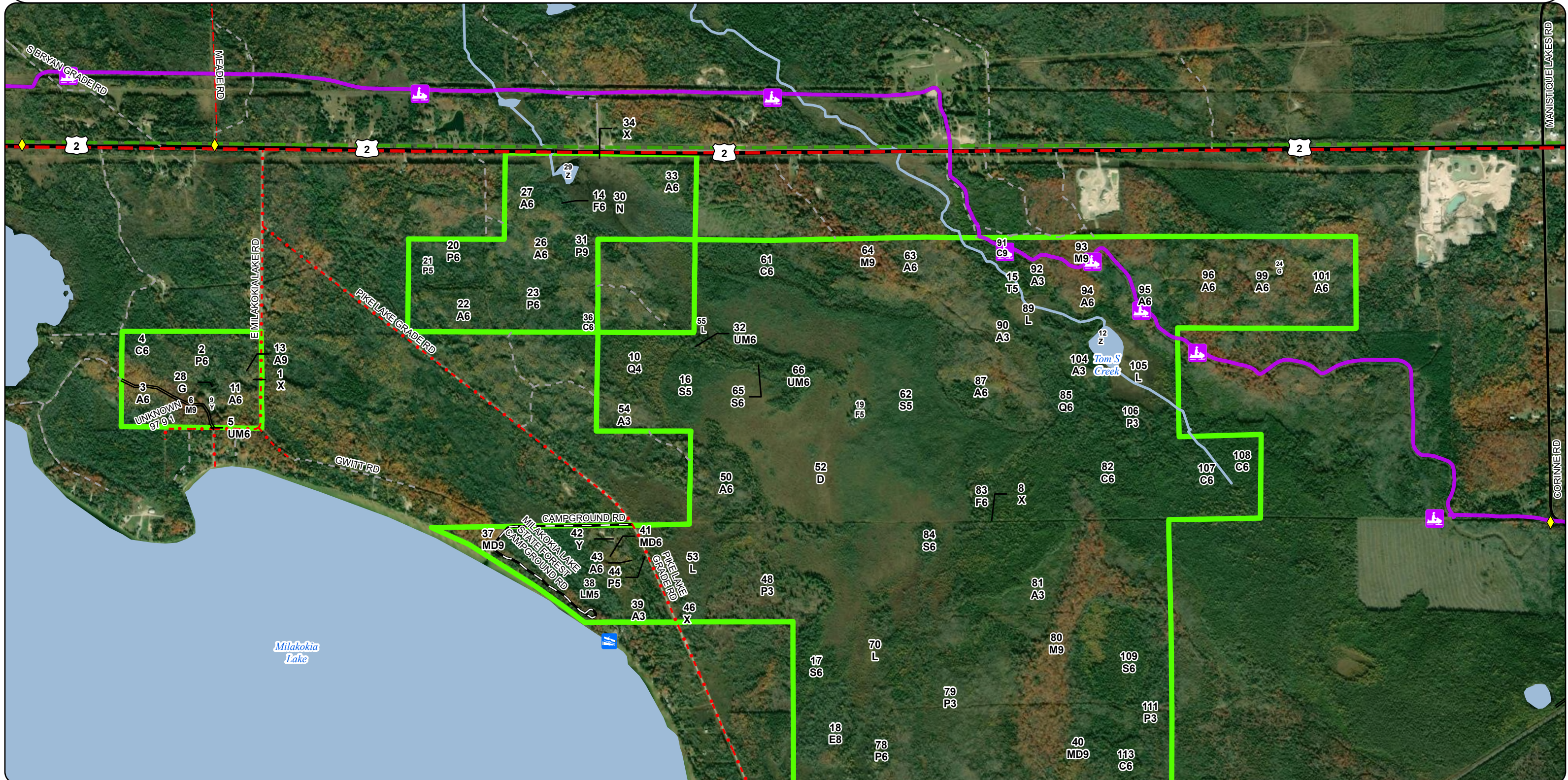
Special Conservation Areas & Site Conditions Map



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 T43N, R12W, Sec: 25-28, 34, 35
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 Unit: Sault Ste. Marie
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- Survey Grade Corners
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- Streams
- Lakes and Rivers
- Compartment Boundary
- Stand Boundaries
- SCA
- SCA Removal
- Deer Winter Range
- State Forest Campground



Report 1 – Total Acres by Cover Type and Age Class

Sault Ste. Marie Mgt. Unit

Compartment 188 Year of Entry 2027

Nate Plato: 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	0	50	125	165	0	24	0	0	0	0	0	0	0	0	0	0	0	364
Cedar	0	0	0	0	0	0	0	0	0	0	27	21	0	103	11	20	0	0	181
Herbaceous Openland	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Lowland Aspen/Balsam Poplar	0	0	48	279	19	21	11	9	3	6	0	0	0	0	0	0	0	0	394
Lowland Conifers	0	0	0	0	0	0	0	0	0	48	0	0	0	0	0	0	0	0	48
Lowland Deciduous	0	0	0	0	0	0	0	0	18	18	0	0	0	0	0	0	0	0	36
Lowland Mixed Forest	0	0	0	0	0	0	0	0	0	0	0	0	24	0	0	0	0	0	24
Lowland Shrub	165	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	165
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	91	48	5	0	0	0	0	0	0	0	143
Marsh	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34
Mixed Upland Deciduous	0	0	0	0	0	6	0	0	0	27	0	0	0	0	0	0	0	0	32
Northern Hardwood	0	0	0	0	0	0	0	0	8	24	51	0	0	0	0	0	0	0	83
Sand, Soil	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Tamarack	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	4
Treed Bog	179	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	179
Upland Mixed Forest	0	0	0	7	3	0	14	0	0	0	0	0	0	0	0	0	0	0	24
Upland Spruce/Fir	0	0	0	0	0	0	0	0	1	2	7	0	0	0	0	0	0	0	10
Urban	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
Water	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Total	402	0	98	411	187	27	49	9	121	173	94	21	24	103	11	20	0	0	1745

Report 2 – Treatment Summary

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

Acres of Harvest

Compartment 188
Total Compartment Acres: 1,749

Commercial Harvest - 368
Harvests with Site Condition - 46
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	22	0	0	0	2	0	0	0	0	24
Lowland Aspen/Balsam Poplar	17	0	0	0	0	0	0	0	0	17
Lowland Conifers	23	0	0	0	0	0	0	0	0	23
Lowland Spruce/Fir	15	0	0	0	0	0	0	0	0	15
Mixed Upland Deciduous	0	0	0	0	0	0	13	0	0	13
Northern Hardwood	0	73	0	0	0	0	0	0	0	73
Upland Spruce/Fir	8	0	0	0	0	0	0	0	0	8
Total	85	73	0	0	2	0	13	0	0	173

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	173	0	0	0	0	0	0	0	0	173
Next Step	0	0	0	0	0	0	239	0	0	239
Total	173	0	0	0	0	0	239	0	0	412

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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:

<p>3 45188003-Cut 13.2 4130 - Aspen 6 51 1-50 Harvest Clearcut 4134 - Aspen, Spruce/Fir Planting Record No</p> <p><u>Prescription</u> Harvest all deciduous trees over 2" DBH and all conifers over 4" DBH. Exclude immature patches of aspen and any overly wet areas. Place retention in patch(es) of representative composition. Winter cut only for deer yard considerations.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Aspen, spruce, fir, maple birch, cherry.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition:</u> Survey Needed</p> <p><u>Proposed Start Date:</u> 10/01/2026</p>
<p>6 45188006-Cut 7.5 4112 - Maple, Beech, Cherry Association 9 73 81-110 Harvest Selection 411 - Northern Hardwood Current No</p> <p><u>Prescription</u> Thin to stand to an average residual BA of 50-60 focusing on overmature, large diameter stems and stems showing dieback. Retain a portion of underrepresented species throughout stand. Leave any hemlock and cedar. Harvest all merchantable aspen and fir.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Intermediate)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Maple, birch, cherry, basswood, aspen.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition:</u> Survey Needed</p> <p><u>Proposed Start Date:</u> 10/01/2026</p>
<p>13 45188013-Cut 2.0 4134 - Aspen, Spruce/Fir 9 53 81-110 Harvest Shelterwood 413 - Aspen Planting Record No</p> <p><u>Prescription</u> Harvest all trees over 4" DBH. Mark some mature aspen to leave maintaining 20-30 BA throughout treatment area. No retention due to small acreage. Leave tops 4-6 ft tall to discourage deer browse. Winter cut only for deer yard considerations.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Aspen, maple, birch, cherry, spruce, fir.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition:</u> Survey Needed</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
14	45188014-Cut	1.3	42340 - Upland Spruce/Fir	6	78	51-80	Harvest	Clearcut	4134 - Aspen, Spruce/Fir	Planting Record	No
<p><u>Prescription</u> Harvest all species over 2" DBH. No retention due to small acreage. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Aspen, bam, spruce, fir, pine, maple, birch, cherry. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026</p>											
17	45188017-Cut	11.9	6122 - Black Spruce	6	84	51-80	Harvest	Clearcut	6122 - Black Spruce	Planting Record	No
<p><u>Prescription</u> Harvest all deciduous species over 2" DBH and all conifers over 4" DBH. Leave 7-10 large diameter white pine scattered throughout sale area where present. Avoid overly wet areas. Place retention in patch(es) of representative competition. Also, buffer <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Spruce, fir, pine, tamarack, aspen, maple, birch. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026</p>											
31	45188031-Cut	6.4	6111 - Lowland Balsam Poplar	9	83	51-80	Harvest	Clearcut	6112 - Lowland Aspen	Planting Record	No
<p><u>Prescription</u> Harvest all species over 2" DBH. Avoid overly wet areas. No retention due to small acreage. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Aspen, bam, spruce, fir, maple, birch, cherry. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026</p>											
33	45188033-Cut	9.0	4134 - Aspen, Spruce/Fir	6	52	81-110	Harvest	Clearcut	413 - Aspen	Planting Record	No
<p><u>Prescription</u> Harvest all species over 2" DBH. No retention due to small acreage. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Aspen, spruce, fir, maple, birch, cherry. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <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
40	45188040-Cut	12.7	4191 - Mixed Upland Deciduous with Conifer	9	83	81-110	Harvest	Overstory Removal	4113 - R.Maple, Conifer	Planting Record	No
<p><u>Prescription</u> Cut all stems over 4" DBH. Retention will be in patch(es) of representative composition. Leave tops 4-6 ft tall to discourage deer browse.</p> <p><u>Specs:</u> Winter cut only for deer yard considerations.</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Maple, aspen, bam, birch, cherry, spruce, fir.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/01/2026</p>											
75	45188075-Cut	4.7	6112 - Lowland Aspen	6	55	51-80	Harvest	Clearcut	6112 - Lowland Aspen	Planting Record	No
<p><u>Prescription</u> Harvest all species over 2" DBH. Avoid overly wet areas. No retention due to small acreage. Winter cut only for deer yard considerations.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Aspen, bam, spruce, fir, maple, birch, cherry.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/01/2026</p>											
78	45188078-Cut	5.8	6111 - Lowland Balsam Poplar	6	59	51-80	Harvest	Clearcut	6112 - Lowland Aspen	Planting Record	No
<p><u>Prescription</u> Harvest all species over 2" DBH. Avoid overly wet areas. No retention due to small acreage. Winter cut only for deer yard considerations.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Aspen, bam, spruce, fir, maple, birch, cherry.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/01/2026</p>											
80	45188080-Cut	50.8	4112 - Maple, Beech, Cherry Association	9	90	81-110	Harvest	Selection	411 - Northern Hardwood	Current	No
<p><u>Prescription</u> Thin stand to an average residual BA of 50-60 focusing on overmature, large diameter stems, stems showing decline/dieback and stems with major defect. Expand existing gaps with quality regen present. Create gaps where quality regen needs release. Leave</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Intermediate); Monitoring, Natural Regen (Intermediate)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Maple, cherry, birch, basswood, ash, aspen.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/01/2026</p>											

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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
83 45188083-Cut	7.1	42320 - Upland Spruce	6	96	51-80	Harvest	Clearcut	42340 - Upland Spruce/Fir	Planting Record	No
<p><u>Prescription</u> Harvest all species over 2" DBH. Leave 3-5 large diameter white pine throughout sale area. No other retention due to small acreage. <u>Specs:</u> Winter cut only for deer yard considerations.</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u></p> <p><u>Acceptable</u> Spruce, fir, pine, birch, maple, aspen, tamarack. <u>Regen:</u></p> <p><u>Other</u> <u>Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/01/2026</p>										
84 45188084-Cut	3.5	6122 - Black Spruce	6	88	81-110	Harvest	Clearcut	6122 - Black Spruce	Planting Record	No
<p><u>Prescription</u> Harvest all deciduous species over 2" DBH and all conifers over 4" DBH. No retention due to small acreage. Winter cut only for deer yard considerations. <u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u></p> <p><u>Acceptable</u> Spruce, tamarack, fir, pine. <u>Regen:</u></p> <p><u>Other</u> <u>Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/01/2026</p>										
85 45188085-Cut	22.5	6124 - Lowland Spruce-Fir	6	88	81-110	Harvest	Clearcut	613 - Lowland Mixed Forest	Cutting Record	No
<p><u>Prescription</u> Harvest all deciduous species over 2" DBH and all conifers over 4"DBH. Leave all cedar in pure patches. All other cedar may be harvested for operability. Leave all white pine over 18" DBH. Other retention should be placed in patch(es) of representativ <u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u></p> <p><u>Acceptable</u> Spruce, fir, tamarack, cedar, birch, aspen, bam, maple, cherry, pine. <u>Regen:</u></p> <p><u>Other</u> <u>Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/01/2026</p>										
93 45188093-Cut	14.8	4110 - Sugar Maple Association	9	82	81-110	Harvest	Selection	411 - Northern Hardwood	Current	No
<p><u>Prescription</u> Thin stand to an average residual BA of 50-60 focusing on overmature, large diameter stems, stems showing decline/dieback and stems with major defect. Expand existing gaps with quality regen present. Create gaps where quality regen needs release. Leave <u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Intermediate); Monitoring, Natural Regen (Intermediate) <u>Treatments:</u></p> <p><u>Acceptable</u> Maple, cherry, birch, basswood, ash, aspen. <u>Regen:</u></p> <p><u>Other</u> <u>Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/01/2026</p>										

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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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Total Treatment Acreage Proposed: 173.2

Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Nate Plato: Examiner

Compartment: 188

Year of Entry: 2027

Availability for Management

Total Acres	Acres Available	Acres Avail		Acres Not Available		Dominant Site Conditions				
		With Condition				2B	2I	3D	3H	5E
364	263	102		0	Aspen	86	15			
182	2	0		180	Cedar				180	
2	2	0		0	Herbaceous Openland					
396	396	0		0	Lowland Aspen/Balsam Poplar					
26	21	0		4	Lowland Conifers					4
37	37	0		0	Lowland Deciduous					
24	24	0		0	Lowland Mixed Forest					
165	165	0		0	Lowland Shrub					
144	144	0		0	Lowland Spruce/Fir					
34	34	0		0	Marsh					
32	19	0		13	Mixed Upland Deciduous				13	
82	66	16		0	Northern Hardwood	9	8			
3	3	0		0	Sand, Soil					
4	4	0		0	Tamarack					
179	179	0		0	Treed Bog					
23	23	0		0	Upland Mixed Forest					
11	11	0		0	Upland Spruce/Fir					
14	11	0		2	Urban				2	
3	3	0		0	Water					
1,724	1,406	118		200	Total Forested Acres	95	23	13	182	4
	82%	7%		12%	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	3D: Recreational/scenic values	13	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Milakokia Lake State Forest Campground and boat launch.							

Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Compartment: 188

Nate Plato: Examiner

Year of Entry: 2027

2	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	182	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
3	Available	2B: Unknown if access through adjacent landowner(s) is possible	95	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	5E: Long-Term Retention	4	3J: Water quality/BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments:							
7	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
9	Available	2I: Survey needed	23	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

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
Milikokia Lake State Forest Campground	Concentrated Recreational Area	State Forest Campground	SCA Removal	14
Comments				
Overlapping SCA				

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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1	122 - Road/Parking Lot	None	1.5			No	2027 YOE: East Milikokia Lake Road and right of way.
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2	6112 - Lowland Aspen	Poletimber Well	20.5	46	111-140	N/A	2017 YOE: A wet Mackinac Mix stand. Primarily aspen. Some pockets of higher ground. In these areas the trees are larger. 2027 YOE: Decent aspen/bam pole stand. Dense in most spots mixed with scattered small, wet gaps. Many large pole/small saw sized stems present, but majority of stand is small pole size. Hold until next entry to reach more consistent merchantability.																																																			
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3	4130 - Aspen	Poletimber Well	13.2	51	1-50	N/A	2017 YOE: Stand is just growing into a pole stand. Some areas have very little underbrush. Nice aspen. 2027 YOE: Nice aspen stand with most of stand being mature poletimber. A few patches of small poletimber present. More conifer in middle and southern parts of stand. Northern part of stand has very little conifer, but more maple mixed in.																																						
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4	6120 - Lowland Cedar	Poletimber Well	3.9	98	111-140	N/A	2027 YOE: Mixed cedar stand. Mainly poletimber, but many larger stems present. Wet throughout most of stand. Birch and maple regen in lesser stocked areas.																																														
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5	4319 - Mixed Upland Forest	Poletimber Well	2.7	36	51-80	N/A	2017 YOE: Stand is growing nicely. Very dense regeneration. 2027 YOE: Same as last entry. Stand has transitioned into small pole size. Heavy fir component. Check next entry.																																						
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6	4112 - Maple, Beech, Cherry Association	Sawtimber Well	7.5	73	81-110	N/A	2017 YOE: Stand was thinned in 2014. Lots of regeneration present. 2027 YOE: Thinned in winter of 2014 as part of the Dog Hair Softwood (45-104-07) timber sale. Medium quality northern hardwood stand heavy to hard maple. Mostly log size, but all size classes present. Dense fir understory throughout much of stand. Where fir is absent, maple regen is present, but is heavily browsed. Some crown dieback present.																																																			
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8	110 - Low Intensity Urban	None	4.7			No	2027 YOE: Cloverland powerline ROW.																																																			
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9	710 - Sand, Soil	None	1.6			No	2017 YOE: Sand pit, with grass on the edges. 2027 YOE: Same as last entry. Spruce/fir and birch creeping in on edges.																																																			
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10	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Poor	21.4	85	1-50	N/A	2027 YOE: Formerly part of stand ... Patches of swamp conifer, red maple and birch. Mostly pole size stems, but many log size stems present throughout stand. Dense tag alder and willow between patches. Very wet stand.																																																			
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11	4134 - Aspen, Spruce/Fir	Poletimber Well	6.7	36	81-110	N/A	2017 YOE: Decent aspen/spruce fir stand. Lots of rabbit sign. 2027 YOE: Nice mixed aspen stand. Aspen is approaching mature in most spots, but still many areas of barely merchantable stems present. Browsed maple regen throughout most of stand. Hold until next entry.																																																			
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12	500 - Water	None	1.6			No	2017 YOE: OPIC - FMD: Marsh with Creek running through it. Tag Alder on the edges. 2027 YOE: Small pond from flooded creek. Most likely from beaver activity.																																																			

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13	4134 - Aspen, Spruce/Fir	Sawtimber Well	2.0	53	81-110	N/A	2017 YOE: Thick spruce regeneration. Barely a pole stand. Lots of smaller stems. 2027 YOE: Mature, approaching overmature aspen stand. Some mortality present. Good amount of maple regen present in lesser stocked areas.																																																							
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14	42340 - Upland Spruce/Fir	Poletimber Well	1.3	78	51-80	N/A	2017 YOE: Wet, sparse black spruce. Look at harvesting in 30 years when the stand to the west can be cut again. The canopy varies from 5' tall to 40' tall. 2027 YOE: Small, slightly upland mature white spruce. Pole size aspen/spruce/fir underneath. Some maple regen present, but heavily browsed. Beaver flooded area to east has slowly flooded and decreased size of stand.																																																							
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15	6121 - Tamarack	Poletimber Medium	4.3	90	1-50	N/A	2017 YOE: This stand was a lowland shrub in the previous inventory but it has enough tamarack to be a forested stand now. 2027 YOE: Very wet mixed of tamarack, alder and red maple. Mostly small poles. Some tamarack dieback.																																																							
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16	6122 - Black Spruce	Poletimber Medium	14.4	85	1-50	N/A	2027 YOE: Formerly part of stand 52. Medium stocked, with some fully stocked patches, black spruce. Mostly large saplings and small poles. Some mortality present.																																																							
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17	6122 - Black Spruce	Poletimber Well	12.4	84	51-80	N/A	2027 YOE: Formerly part of stand 70. Mostly fully stocked black spruce pole stand mixed with scattered, large diameter white pine. Some poorly/non stocked areas containing tag alder and choke cherry.																																																							
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18	6117 - Lowland Deciduous, Mixed Coniferous	Sawtimber Medium	18.4	87	1-50	N/A	2027 YOE: Formerly part of stand 70. Harvested in 2004 as part of the Whiskey Jug (45-028-97) timber sale. Medium stocked clumps of saw size red maple and white spruce mixed with large sapling/small pole size fir, aspen and spruce. In between patches is mostly tag alder. Wet stand with challenging access.																																																												
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19	42320 - Upland Spruce	Poletimber Medium	2.4	89	51-80	N/A	2017 YOE: OPIC - FMD: Isands in bog, B. spruce on edges of openings.2027 YOE: Small upland ridge adjacent to large bog. Mix of black spruce and large scattered white pine. Only access is across bog.																																																												
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20	6112 - Lowland Aspen	Poletimber Well	11.2	29	51-80	N/A	2017 YOE: Stand was cut at the same time as stand 26 but this is a much wetter site. Regeneration is doing good. 2027 YOE: Harvested in 1997 as part of the Tin Shack (45-122-97) timber sale. Wet aspen/bam stand mixed with some conifer. Frequent areas of tag alder. Stand is growing significantly slower than similar stands in the compartment.																																																												
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21	6111 - Lowland Balsam Poplar	Poletimber Medium	8.8	62	51-80	N/A	2017 YOE: OPIC - FMD: Lowland type, mostly tag alder throughout compartment.2027 YOE: Very wet mix of bam, fir, cedar and ash clumps surrounded by tag alder. Clumps are mature and mostly fully stocked. Many ash are dead or dying. Some bam mortality present as well. Leave for diversity until it can be managed with adjacent aspen stands.																																																												
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22	4134 - Aspen, Spruce/Fir	Poletimber Well	15.8	35	81-110	N/A	2017 YOE: Regeneration is doing really good. Slightly larger than the stands to the north. 2027 YOE: Fully stocked, mixed aspen stand. Mostly a pole stand with some immature stems present. Heavy conifer component throughout stand except southwest part of stand, which is wetter. A couple scattered tag alder inclusions present throughout stand. Where conifer is less abundant, heavily browsed maple regen is present. Slightly better growth than surrounding, wetter stands. Check next entry.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Red Maple		5	Pole/Sapling	5		White Spruce		
Paper Birch		10	Pole/Sapling	5		Balsam Fir		
Quaking Aspen		40	Pole/Sapling	6	35	Maple (spp.)		
Bigtooth Aspen		10	Pole/Sapling	6		Black Cherry		
Balsam Fir		20	Pole/Sapling	5				
White Spruce		10	Pole/Sapling	5				
Black Cherry		5	Pole/Sapling	5				
23	6112 - Lowland Aspen	Poletimber Well	19.3	35	51-80	N/A	2017 YOE: Wet aspen stand. Some patches of tag alder. 2027 YOE: Mixed, wet aspen stand. Fully stocked in most places aside from scattered tag alder inclusions. Stand is just transitioning into a pole stand, but many immature stems still present. Conifer component is significant, but mostly in clumps. Maple regen in drier spots, but heavily browsed.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Red Maple		5	Pole/Sapling	5		Balsam Fir		
Paper Birch		10	Pole/Sapling	5		Tag Alder		
Quaking Aspen		40	Pole/Sapling	5	35	Maple (spp.)		
Balsam Poplar		20	Sapling/Pole	4				
Balsam Fir		15	Pole/Sapling	5				
White Spruce		10	Sapling/Pole	4				
24	310 - Herbaceous Openland	None	1.0			No	2017 YOE: OPIC - FMD: Filling in with aspen and fir, not in too bad of shape. 2027 YOE: Grass opening with aspen, cherry, fir and spruce creeping in on edges.	
Sub-Canopy Species		Density	Avg. Height	Size				
Black Cherry		Low	Variable	Variable				
Balsam Fir		Low	Variable	Variable				
White Spruce		Low	Variable	Variable				
Aspen (spp.)		Low	Variable	Variable				
26	4130 - Aspen	Poletimber Well	23.6	29	51-80	N/A	2017 YOE: Stand was cut in 1997. Regeneration is doing really good. 2027 YOE: Harvested in 1997 as part of the Tin Shack (45-122-97) timber sale. Fully stocked aspen stand with scattered patches of conifer. Stand has transitioned to pole size, but many immature stems present. Wetter areas contain tag alder. Heavily browsed maple regen throughout stand.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Red Maple		5	Sapling/Pole	4		Red Maple		
Paper Birch		5	Pole/Sapling	5		Tag Alder		
Quaking Aspen		65	Pole/Sapling	5	29	Balsam Fir		
Balsam Poplar		10	Pole/Sapling	5				
Balsam Fir		10	Pole/Sapling	5				
White Spruce		5	Sapling/Pole	4				
27	4134 - Aspen, Spruce/Fir	Poletimber Well	11.3	35	81-110	N/A	2017 YOE: Stand was cut in 1991. It will be primarily poles next entry but mostly 2"-3" saplings now. 2027 YOE: Fully stocked mixed aspen stand. Mostly small to medium poles, but larger stems are common throughout stand. Heavy conifer component throughout stand. Some maple regen throughout stand but heavily browsed. A couple small, wet inclusions throughout stand containing mostly tag alder. Check next entry.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Paper Birch		10	Pole/Sapling	5		Balsam Fir		
Quaking Aspen		60	Pole/Sapling	6	35	Maple (spp.)		
Bigtooth Aspen		10	Pole/Sapling	6				
Balsam Fir		10	Pole/Sapling	6				
White Spruce		10	Pole/Sapling	5				

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																
28	310 - Herbaceous Openland	None	0.6			No	Cut w/ prison crew 3/16/95.Merge with 2																																																
29	500 - Water	None	1.4			No	2017 YOE: OPIC - FMD: Beaver flooding on Tom's Creek, Dam at north end.2027 YOE: Same as last entry. Beavers still active.																																																
30	623 - Emergent Wetland	None	33.7			No	2017 YOE: OPIC - FMD: Marsh with Tom's Creek running through it. Tag Alder on the side.2027 YOE: Cattail marsh. Flooded from beaver activity. Very southeast part of stand was formerly stand 59, but has flooded and is standing dead cedar over tag alder.																																																
31	6111 - Lowland Balsam Poplar	Sawtimber Well	6.4	83	51-80	N/A	2017 YOE: Poor Quality, wet Mackinac Mix. Look at harvesting in ten years. The stand provides age class diversity in the area. 2027 YOE: Variable stand with stocking and size. Wet aspen/bam mix with a heavy conifer component. Wet inclusions throughout stand containing ash and tag alder. Outside inclusions are patches of large pole to small sawtimber size aspen type. Some areas of immature stems present.																																																
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32	4319 - Mixed Upland Forest	Poletimber Well	5.3	53	51-80	N/A	2017 YOE: Access is a problem and too little volume to cut alone. Good for age class diversity.2027 YOE: Mixed stand consisting of pole size spruce, fir, birch and some maple. Scattered, large white throughout stand. Fully stocked clumps with small, scattered openings. Stand is on finger ridge adjacent to large bog.																																																
33	4134 - Aspen, Spruce/Fir	Poletimber Well	9.0	52	81-110	N/A	2017 YOE: Stand is just transitioning into a pole stand. Very heavy balsam understory. 2027 YOE: Nice mixed aspen stand. Most aspen stems are large poles. Heavy spruce/fir component, but is smaller than aspen. Fully stocked stand.																																																
34	110 - Low Intensity Urban	None	7.7			No	2017 YOE: OPIC - FMD: Powerline along US-2.2027 YOE: American Transmission Company powerline ROW.																																																

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments			
36	6120 - Lowland Cedar	Poletimber Well	2.1	130	111-140	N/A	2017 YOE: Decent thermal cover for deer. 2027 YOE: Medium to fully stocked cedar. Lesser stocked areas contain tag alder and/or black ash. Some mortality and blowdown present. Some cedar regen present.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Red Maple		5	Pole	8		Northern White Cedar		Low	Variable	Variable
Paper Birch		5	Pole	7		Tag Alder		Medium	Variable	Variable
Balsam Fir		10	Pole/Sapling	6		Black Ash		Low	Variable	Variable
Northern White Cedar		75	Pole/Log	9	130	Balsam Fir		Medium	Variable	Variable
Black Ash		5	Pole/Sapling	6						
37	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	13.4	85	81-110	N/A	2017 YOE: Milikokia Lake State Forest Campground. Stand will be monitored for hazard trees and garlic mustard. We will work with Parks Division on management on stand. 2027 YOE: Thinned in 1999 as part of the Milakokia Lake Campground (45-20-99) timber sale. Same as last entry. Public boat launch is also within stand. West part of stand is good quality northern hardwoods and transitions into more lower ground hardwoods. Composition is a mix of red maple, hemlock, cedar and aspen. Size varies throughout stand. Heavy deer browse throughout stand.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Sugar Maple		10	Log/XLog	14		Maple (spp.)		Medium	Variable	Variable
Red Maple		40	Log/Pole	12	85	Conifers		Medium	Variable	Variable
Paper Birch		5	Pole/Log	9						
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Northern White Cedar		5	Log/Pole	10						
White Pine		5	Log/XLog	14						
38	6132 - Mixed Lowland Forest with Cedar	Poletimber Medium	24.4	111	51-80	N/A	2017 YOE: Wet, mixed stand. Lots of tag alder. 2027 YOE: Low quality, lowland mix. Very wet throughout stand. Patches of medium stocked lowland species surrounded by tag alder and black swales. Much of the ash is dead or dying.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Red Maple		5	Sapling/Pole	4		Tag Alder		High	Variable	Variable
Paper Birch		10	Pole/Sapling	5		Balsam Fir		Medium	Variable	Variable
Balsam Poplar		10	Pole/Sapling	5		Black Ash		Medium	Variable	Variable
Balsam Fir		15	Pole/Sapling	5		Northern White Cedar		Low	Variable	Variable
White Spruce		10	Pole	7		Ash (spp.)		Medium	Variable	Variable
Northern White Cedar		30	Pole	6	111					
Black Ash		20	Pole/Sapling	5						
39	4130 - Aspen	Sapling Well	5.7	12	Immature	N/A		2017 YOE: Cut in the winter of 2014. Regeneration is already a few feet high. 2027 YOE: Harvested in 2014 as part of the Dog Hair Softwood (45-104-07) timber sale. Regeneration is still doing well. Stand is close to pole size in some spots. Some gaps void of regen present throughout stand. Mostly aspen with some cherry, maple and fir present. Southeast part of stand contains a small patch of medium stocked, large white pine.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Red Maple		5	Sapling	3		Maple (spp.)	Medium		Variable	Variable
Paper Birch		5	Sapling	3		Balsam Fir	Low		< 5 feet	< 5 feet
Quaking Aspen		72	Sapling	3	12	White Spruce	Low		< 5 feet	< 5 feet
Balsam Fir		5	Sapling	3						
White Spruce		5	Sapling	2						
White Pine		3	Log	14						
Black Cherry		5	Sapling	3						

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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40 4191 - Mixed Upland Deciduous with Conifer Sawtimber Well 13.1 83 81-110 N/A 2027 YOE: Formerly part of stand 79. Variable stand containing a mix of red maple, birch and spruce/fir. A few cedar scattered throughout stand. Some maple regen, but heavily browsed.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	55	Log/Pole	12	83	Balsam Fir	Medium	Variable	Variable
Paper Birch	15	Pole/Log	9		Red Maple	Low	Variable	Variable
Balsam Fir	15	Pole	6					
White Spruce	10	Pole/Log	9					
Northern White Cedar	5	Log/Pole	10					

41 4191 - Mixed Upland Deciduous with Conifer Poletimber Well 6.0 41 81-110 N/A 2017 YOE: Young Mackinac mix stand that is heavier towards conifers. Stand is growing good. 2027 YOE: Medium size, fully stocked, mixed aspen stand. Heavy conifer component throughout stand. Heavy maple browse throughout stand. Hold until next entry for more consistent merchantability.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	20	Pole	7		Maple (spp.)	Medium	Variable	Variable
Paper Birch	10	Pole/Sapling	5		Balsam Fir	Medium	Variable	Variable
Quaking Aspen	30	Pole/Sapling	6	41	White Spruce	Low	Variable	Variable
Balsam Fir	25	Pole/Sapling	5	41				

42 710 - Sand, Soil None 1.0 No 2017 YOE: OPIC - FMD: Gravel Pit, G0 on edges. 2027 YOE: Same as last entry. Some young aspen/spruce/fir creeping in along edges of pit.

Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	Low	Variable	Variable
Cherry (spp.)	Low	Variable	Variable
Balsam Fir	Low	Variable	Variable
Birch (spp.)	Low	Variable	Variable
White Pine	Low	Variable	Variable
White Spruce	Low	Variable	Variable

43 4134 - Aspen, Spruce/Fir Poletimber Well 4.1 34 51-80 N/A 2017 YOE: Regeneration is doing ok. Some open spots but not many. 2027 YOE: Fully stocked aspen/spruce/fir stand just entering pole size. Heavy conifer component throughout stand. Heavily browsed maple regen throughout most of stand.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	5	Sapling/Pole	4		Balsam Fir	Medium	Variable	Variable
Quaking Aspen	60	Pole/Sapling	5	34	Maple (spp.)	Medium	Variable	Variable
Balsam Fir	20	Pole/Sapling	5					
White Spruce	10	Sapling/Pole	4					
White Pine	5	Sapling/Pole	4					

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments	
44	6112 - Lowland Aspen	Poletimber Medium	3.2	75	51-80	N/A	2017 YOE: Only stand of mature trees in the area. Very Wet. Stand should be left for age class diversity. 2027 YOE: Medium stocked mix of aspen, bam, fir and spruce. Some birch scattered throughout stand. Mortality present throughout stand. Gaps and edges contain a variety of regen. Most of the mature trees are short.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Red Maple		5	Pole/Log	9		Red Maple		
Paper Birch		10	Pole	8		Paper Birch		
Quaking Aspen		35	Pole	8	75	Tag Alder		
Balsam Poplar		15	Pole	7		Aspen (spp.)		
Balsam Fir		20	Pole	6		Balsam Fir		
White Spruce		5	Pole/Log	9		Willow spp.		
Black Spruce		10	Pole	6				
45	6118 - Lowland Deciduous with Cedar	Poletimber Medium	18.3	78	81-110	N/A		2017 YOE: OPIC - FMD: Too wet to cut, BAM is dying out. Lots of Tag Alder. 2027 YOE: Very wet, variable stand. Mix of cedar, maple, birch, spruce/fir and some bam. Frequent tag alder inclusions. Stand is mostly clumps of medium to fully stocked poletimber surrounded by tag alder. Some clumps are cedar dominant, while others are maple/fir dominant.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Red Maple		35	Pole/Log	9	78	Balsam Fir		
Paper Birch		10	Pole	8		Red Maple		
Balsam Poplar		15	Pole/Log	9		Tag Alder		
Balsam Fir		5	Pole/Sapling	5				
White Spruce		5	Pole/Sapling	5				
Black Spruce		10	Pole	7				
Northern White Cedar		20	Pole/Log	9				
46	110 - Low Intensity Urban	None	2.1			No	2027 YOE: Cloverland powerline ROW.	
Sub-Canopy Species		Density	Avg. Height	Size				
Tag Alder		Medium	5 - 10 feet	5 - 10 feet				
48	6112 - Lowland Aspen	Sapling Well	39.4	12	Immature	N/A	2017 YOE: Stand was cut in 2014. Regeneration is already 5' tall and doing good. 2027 YOE: Harvested in 2014 as part of the Dog Hair Softwood (45-104-07) timber sale. Mostly a fully stocked stand. Regen is doing very well. Mostly aspen and fir. Wetter areas of the stand contain nice tamarack regen. Stand contains ridges with moderately wet swales in between. Scattered, mature white pine and spruce throughout stand. Some maple regen, but is heavily browsed. Middle of stand was cut as an openings maintenance, but has regenerated the same as rest of stand.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Red Maple		5	Sapling	3		Maple (spp.)		
Paper Birch		5	Sapling	3		Conifers		
Quaking Aspen		50	Sapling	3	12			
Balsam Poplar		10	Sapling	3				
Balsam Fir		10	Sapling	3				
White Spruce		5	Sapling	3				
Tamarack		10	Sapling	2				
White Pine		5	Log/XLog	14				

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments			
50	4134 - Aspen, Spruce/Fir	Poletimber Well	22.3	23	51-80	N/A	2017 YOE: Cut in 1997. Stand is doing great now. 2027 YOE: Harvested in winter of 2002/2003 as part of the Pike Lake Pockets (45-117-97) timber sale. Fully stocked mixed aspen stand that has just transitioned into pole size. Heavy conifer component throughout stand, but mostly in clumps. Scattered, mature white pine and white spruce. Some maple regen, but heavily browsed.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Paper Birch		5	Pole/Sapling	5		Conifers		Medium	Variable	Variable
Quaking Aspen		15	Pole/Sapling	5	23	Maple (spp.)		Medium	Variable	Variable
Bigtooth Aspen		45	Pole/Sapling	5	23					
Balsam Fir		15	Sapling/Pole	4						
White Spruce		10	Log/Pole	10						
White Pine		10	Log/Pole	11						
52	6224 - Treed Bog	None	179.4			No	2017 YOE: OPIC - FMD: Treed bog Black spruce filling in on the edges. 2027 YOE: Same as last entry. Sapling size spruce, tamarack and some white pine scattered throughout stand. There are multiple scattered inclusions throughout the stand that are higher ground than remainder of the stand. They mostly contain birch and spruce, with some large diameter white pine. Still a non-stocked stand, but progressing towards stocked.			
Sub-Canopy Species		Density	Avg. Height	Size						
Paper Birch		Low	Variable	Variable						
White Pine		Low	Variable	Variable						
Tamarack		Medium	Variable	Variable						
Black Spruce		High	Variable	Variable						
Bog Rosemary		High	5 - 10 feet	5 - 10 feet						
53	622 - Lowland Shrub	None	34.6			No	2017 YOE: OPIC - FMD: Lowland type, mostly tag alder throughout compartment. 2027 YOE: Lowland consisting mostly of tag alder and patches of pole size swamp conifer with some birch. Scattered stems present throughout the stand as well. Very wet.			
Sub-Canopy Species		Density	Avg. Height	Size						
White Pine		Low	Variable	Variable						
Paper Birch		Medium	Variable	Variable						
Tag Alder		High	5 - 10 feet	5 - 10 feet						
Black Spruce		Low	Variable	Variable						
Northern White Cedar		Medium	Variable	Variable						
Balsam Fir		Low	Variable	Variable						
Tamarack		Low	Variable	Variable						
54	4130 - Aspen	Sapling Well	8.3	12	Immature	N/A	2017 YOE: Stand was cut in 2014. Regeneration is already 5' tall and doing good. 2027 YOE: Harvested in 2014 as part of the Dog Hair Softwood (45-104-07) timber sale. Fully stocked aspen stand. Some stems are transitioning into small poles. Southwest part of stand is slightly wetter with stems being smaller. Very little conifer throughout stand except for edges. Some maple regen present, but heavily browsed.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Quaking Aspen		90	Sapling/Pole	3	12	Maple (spp.)		Medium	< 5 feet	< 5 feet
Balsam Fir		5	Sapling	2		Balsam Fir		Low	< 5 feet	< 5 feet
White Spruce		5	Sapling	2						
55	622 - Lowland Shrub	None	4.6			No	2017: OPIC - FMD: Lowland type, mostly tag alder throughout compartment. 2027 YOE: Tag alder swale between bog type and black spruce type. Scattered swamp conifer present.			
Sub-Canopy Species		Density	Avg. Height	Size						
Black Spruce		Low	Variable	Variable						
Tamarack		Low	Variable	Variable						
Tag Alder		High	5 - 10 feet	5 - 10 feet						

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																								
61	6120 - Lowland Cedar	Poletimber Well	22.6	98	81-110	N/A	2017 YOE: Decent cedar with pocket of tag alder. 2027 YOE: Medium to fully stocked swamp conifer stand. Pockets of cedar, birch and for mixed with pockets of spruce. Scattered tag alder inclusions mixed in throughout stand.																																																								
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62	6122 - Black Spruce	Poletimber Medium	90.5	75	51-80	N/A	2017 YOE: OPIC - FMD: Lowland type, mostly tag alder throughout compartment. 2027 YOE: Poor to medium stocked black spruce pole stand. Pure spruce in most spots except for scattered tag alder inclusions. These areas contain tag alder mixed with scattered cedar, fir, birch and some red maple. Wet throughout stand.																																																								
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63	4134 - Aspen, Spruce/Fir	Poletimber Well	35.0	35	51-80	N/A	2017 YOE: Land owner to the north denied access. OPIC - FMD: Aspen is about 20ft tall and 3" in diameter. Thick regeneration. 2027 YOE: Fully stocked mixed aspen stand. Pole size overall, but still many immature stems. Scattered conifer throughout stand, but dominant in western part of stand. Heavily browsed maple regen throughout stand. Check next entry.																																																								
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64	4112 - Maple, Beech, Cherry Association	Sawtimber Well	8.8	89	81-110	N/A	2017 YOE: Stand was thinned in 2010. Land owner to the north denied access. 2027 YOE: Thinned in summer of 2008 as part of the Workhorse Mix (45-106-07) timber sale. Decent northern hardwood stand. Mostly red and hard maple with a beech component. Good regen in lesser stocked areas. All size classes of regen present. Heavily browsed throughout stand. Hold stand until adjacent aspen stands are ready for harvest.																																																								
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65	6122 - Black Spruce	Poletimber Well	4.7	95	51-80	N/A	2017 YOE: Stand is part of a treed island out on a bog. Pretty healthy looking. Only snowmobiled up to the edge. 2027 YOE: Narrow finger ridge adjacent to large bog. Mostly black spruce and paper birch poles. Some patches of fully stocked spruce present throughout stand.																																																								
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
66	4319 - Mixed Upland Forest	Poletimber Well	8.5	58	81-110	N/A	2017 YOE: Part of an island in a bog. I snowmobiled up to the edge.		
							2027 YOE: Finger ridge adjacent to large bog. Mostly black spruce, birch, aspen and fir poletimber present. Pole and log size white pine scattered throughout stand. Variable BA. Fully stocked clumps with scattered openings.		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
	Red Maple	5	Pole	8		Red Maple	Low	Variable	Variable
	Paper Birch	35	Pole/Log	8	58	Balsam Fir	Medium	Variable	Variable
	Bigtooth Aspen	10	Pole/Log	9		Black Spruce	Medium	Variable	Variable
	Balsam Fir	10	Pole	7					
	Black Spruce	30	Pole	7					
	White Pine	10	Pole/Log	9					
70	622 - Lowland Shrub	None	94.2			No	2017 YOE: OPIC - FMD: Lowland type, mostly tag alder throughout compartment.2027 YOE: Very dense tag alder and willow throughout stand. Scattered, small patches of swamp conifer.		
	Sub-Canopy Species	Density	Avg. Height	Size					
	Tag Alder	Full	5 - 10 feet	5 - 10 feet					
	Tamarack	Low	Variable	Variable					
	Willow spp.	High	Variable	Variable					
	Black Spruce	Low	Variable	Variable					
	Northern White Cedar	Low	Variable	Variable					
75	6112 - Lowland Aspen	Poletimber Well	4.7	55	51-80	N/A	2017 YOE: Stands were mostly unmerchantable when surrounding stands were cut in 1997. They provide a little diversity now. 2027 YOE: Small patch of medium to fully stocked poletimber surrounded by a large tag alder stand. Mostly medium sized maple, aspen and bam poles mixed with larger birch and spruce.		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
	Red Maple	30	Pole	7		Balsam Fir	Low	Variable	Variable
	Paper Birch	10	Log/Pole	10		Red Maple	Low	Variable	Variable
	Quaking Aspen	15	Pole	8		Tag Alder	Medium	Variable	Variable
	Balsam Poplar	35	Pole	8	55				
	Balsam Fir	5	Pole	7					
	White Spruce	5	Log/Pole	10					
76	4319 - Mixed Upland Forest	Sapling Well	6.6	22	1-50	N/A	2017 YOE: Stand was cut in 1997. Regeneration is doing good.		
							2027 YOE: Harvested in winter of 2004 as part of the Whiskey Jug (45-128-97) timber sale. Stand is mostly fully stocked except for some gaps and areas of conifer that's smaller than surrounding aspen. Mostly large saplings and small poles.		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
	Paper Birch	10	Sapling/Pole	3		Red Maple	Low	< 5 feet	< 5 feet
	Quaking Aspen	45	Sapling/Pole	4	22	Balsam Fir	Medium	< 5 feet	< 5 feet
	Balsam Fir	20	Sapling	3					
	White Spruce	15	Sapling	2					
	Tamarack	10	Sapling	3					
78	6111 - Lowland Balsam Poplar	Poletimber Well	5.8	59	51-80	N/A	2017 YOE: Unmerchantable portions of stand that were not cut in 1997. Small islands now that add diversity.2027 YOE: Mature, mostly fully stocked bam stand. Spruce/fir, maple mixed in. Wet stand with tag present throughout stand.		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
	Red Maple	10	Pole/Log	9		Balsam Fir	Medium	Variable	Variable
	Balsam Poplar	60	Pole/Log	9	59	Red Maple	Low	Variable	Variable
	Balsam Fir	20	Pole	7		Tag Alder	Medium	Variable	Variable
	White Spruce	5	Pole/Log	9					
	Northern White Cedar	5	Pole/Sapling	6					

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																					
79	6112 - Lowland Aspen	Sapling Well	223.0	22	Immature	N/A	2017 YOE: Stand was cut in 1997. Last inventory the regeneration was a little sparse. It is now fully developed and doing great. 2027 YOE: Harvested in winter of 2004 as part of the Whiskey Jug (45-128-97) timber sale. Large, fully stocked, mixed aspen stand. Regen is doing very well in most places. Overallly wet areas have a heavy tag alder component and smaller aspen/bam stems. Best growing areas should be pole size next entry. Some maple regen, but is heavily browsed. Not a strong conifer presence and mostly in clumps. A few scattered residual, mature cedar patches throughout stand.																																																					
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80	4112 - Maple, Beech, Cherry Association	Sawtimber Well	50.8	90	81-110	N/A	2017 YOE: Stand was thinned pretty hard in 1997. It will at least another entry before it is ready to harvest again. 2027 YOE: Thinned in winter of 2004 as part of the Whiskey Jug (45-128-97) timber sale. Decent quality northern hardwood stand. Pretty even mix of hard and red maple. Less BA in northern part of stand. Excellent advanced maple regen in these spots. Rest of stand has less, but still a good amount of advanced regen and small poles. Medium to large seedlings are present, but heavily browsed throughout entire stand. Many overmature, large diameter stems left from previous thinning.																																																					
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81	4139 - Aspen, Mixed Deciduous	Sapling Well	28.5	22	Immature	N/A	2017 YOE: Last entry regeneration was a bit spotty but it is doing great now. Stand seems to have slightly more aspen than birch now. 2027 YOE: Harvested in winter of 2004 as part of the Whiskey Jug (45-128-97) timber sale. Fully stocked aspen and bam stand. Almost a pole size stand. Very little conifer throughout stand. Heavily browsed maple regen throughout stand.																																																					
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82	6120 - Lowland Cedar	Poletimber Well	93.4	128	111-140	N/A	2017 YOE: Variable cedar stand. Larger diameter and higher density to the north. Some cedar regeneration, but it is all below the snowline. 2027 YOE: Same as last entry. Large stems and high BA in some spots while others are medium stocked with mostly poor quality pole size stems.																																																					
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83	42320 - Upland Spruce	Poletimber Well	7.1	96	51-80	N/A	2017 YOE: Small upland island in the swamp. Offers nice diversity in the area. Look at harvesting when the maple stand to the southwest is ready to harvest again. 2027 YOE: Same as last entry. Mostly a fully stocked pole stand with large, scattered white pine. Rest of stand is spruce, birch and tamarack.																																																					
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments	
84	6122 - Black Spruce	Poletimber Well	3.5	88	81-110	N/A	2017 YOE: Small diameter and low basal area black spruce. Nice little islands of trees in the swamp. 2027 YOE: Mostly fully stocked black spruce pole stand. Slightly more upland than adjacent bog.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Black Spruce		93	Pole	7	88	Choke Cherry		
Tamarack		5	Pole	6		Black Spruce		
White Pine		2	Log/XLog	14				
						Density	Avg. Height	Size
						Medium	Variable	Variable
						Medium	Variable	Variable
85	6124 - Lowland Spruce-Fir	Poletimber Well	27.0	88	81-110	N/A	2017 YOE: OPIC - FMD: Lowland type, mostly tag alder throughout compartment.2027 YOE: Mixed swamp conifer stand with some tag alder inclusions throughout stand. Also some slightly more upland areas containing fir, birch and some red maple. Mostly a pole stand, but some log size stems present. Cedar is present in scattered pockets. Check next entry.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Red Maple		10	Pole/Log	9		Northern White Cedar		
Paper Birch		15	Pole	7		Tag Alder		
Balsam Fir		25	Pole	7		Maple (spp.)		
Black Spruce		30	Pole	7	88	Balsam Fir		
Northern White Cedar		15	Pole/Log	8				
White Pine		5	Log	12				
						Density		Avg. Height
						Low	Variable	Variable
						Medium	5 - 10 feet	5 - 10 feet
						Low	Variable	Variable
						Medium	Variable	Variable
87	4134 - Aspen, Spruce/Fir	Poletimber Well	23.8	35	51-80	N/A	2017 YOE: Land owner to the north denied access. OPIC - FMD: Aspen about 15' tall, 2" in diameter. Fairly thick regeneration. Quite a bit of B. Fir on south end of the stand.2027 YOE: Fully stocked mixed aspen stand. Variable diameters throughout stand, but pole size overall. Wetter around edges. Rolling terrain throughout much of stand. Heavy to spruce/fir in southern part of stand. Heavily browsed maple regen throughout stand. Check next entry.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Red Maple		10	Pole	8		Maple (spp.)		
Paper Birch		5	Pole	6		Balsam Fir		
Quaking Aspen		50	Pole	6	35			
Balsam Poplar		5	Pole	6				
Balsam Fir		20	Pole/Sapling	5				
White Spruce		10	Pole/Sapling	5				
						Density	Avg. Height	Size
						Medium	Variable	Variable
						Medium	Variable	Variable
89	629 - Mixed non-forested Wetland	None	8.2			No	2017 YOE: OPIC - FMD: Lowland type, mostly tag alder throughout compartment.2027 YOE: Mostly open marsh with clumps of tag alder. Some swamp conifer on edges. Tom's Creek runs through stand and flooded by beavers.	
Sub-Canopy Species		Density	Avg. Height	Size				
Tag Alder		Medium	5 - 10 feet	5 - 10 feet				
Tamarack		Low	Variable	Variable				
Black Spruce		Low	Variable	Variable				
Northern White Cedar		Low	Variable	Variable				
90	4130 - Aspen	Sapling Well	27.5	18	Immature	N/A	2017 YOE: Regeneration is doing good. 2027 YOE: Harvested in summer of 2008 as part of the Workhorse Mix (45-106-07) timber sale. Fully stocked aspen stand. Still a sapling size stand but is approaching pole size. Very little conifer except for edges and a few scattered patches. Heavily browsed maple regen throughout stand.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Red Maple		5	Sapling	3		Maple (spp.)		
Paper Birch		5	Sapling/Pole	3		Balsam Fir		
Quaking Aspen		70	Sapling/Pole	4	18			
Bigtooth Aspen		10	Sapling/Pole	4				
Balsam Fir		5	Sapling	3				
White Spruce		5	Sapling	3				
						Density	Avg. Height	Size
						Medium	< 5 feet	< 5 feet
						Low	< 5 feet	< 5 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments	
91	6120 - Lowland Cedar	Sawtimber Well	9.1	135	201+	N/A	2017 YOE: Stand has a creek and a snowmobile trail going through it. Large, dense cedar. Really nice stand. 2027 YOE: Same as last entry. Mostly small to medium log size, but all size classes present except regen. Some birch and fir mixed in. No regen due to high stocking.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Red Maple		5	Log/Pole	10		Balsam Fir		
Paper Birch		5	Log/Pole	10		Low		
Balsam Fir		5	Pole	7		Variable		
Northern White Cedar		85	Log/Pole	11	135	Variable		
92	4136 - Aspen, Mixed Conifer	Sapling Well	7.4	28	51-80	N/A	2017 YOE: Stand was cut in 1998. The regeneration was spotty in the previous entry but it is doing good now. 2027 YOE: Mixed aspen that has just reached pole size. Non aspen species are still mostly large saplings. Wetter along western edge. Heavily browsed maple regen throughout stand.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Paper Birch		10	Pole/Sapling	5		Maple (spp.)		
Quaking Aspen		50	Pole/Sapling	5	28	Medium		
Balsam Poplar		10	Pole/Sapling	5		Low		
Balsam Fir		10	Sapling/Pole	4		Variable		
White Spruce		5	Sapling/Pole	3		Variable		
Tamarack		5	Sapling/Pole	4		Low		
Black Cherry		10	Sapling/Pole	4		Variable		
						Variable		
93	4110 - Sugar Maple Association	Sawtimber Well	14.8	82	81-110	N/A	2017 YOE: Stand was thinned in 2010. Regeneration is doing good. Most of the beech was taken. Only a few scattered ones left. 2027 YOE: Thinned in winter of 2009/2010 as part of the Workhorse Mix (45-106-07) timber sale. Good quality northern hardwood stand. Variable stocking throughout stand, but average BA is about 100. Advanced regen of maple and associated species found in clumps throughout stand, but mostly in gaps/lesser stocked areas. Seedlings present are heavily browsed.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Sugar Maple		80	Log/Pole	14	82	White Ash		
Red Maple		10	Log/Pole	11		Low		
White Ash		2	Log/Pole	10		High		
Beech		2	Log	12		Medium		
Northern White Cedar		1	Pole/Log	8		Variable		
Black Cherry		5	Log/Pole	10		Low		
						Variable		
						Medium		
						Variable		
94	4139 - Aspen, Mixed Deciduous	Poletimber Well	11.7	37	51-80	N/A	2017 YOE: Variable stand. More maple and cherry in some spots than others. The stand is primarily aspen. 2027 YOE: Same as last entry. Northern part of stand is a mix of large saplings/small poles. Mix of maple, cherry and aspen. Southern and Eastern edges of stand are mostly aspen/spruce/fir. Heavily browsed maple regen throughout most of stand.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Sugar Maple		15	Sapling/Pole	4		Maple (spp.)		
Red Maple		10	Pole/Sapling	5		Medium		
Paper Birch		5	Sapling/Pole	4		Variable		
Quaking Aspen		40	Pole/Sapling	5	37	Medium		
Balsam Fir		10	Pole/Sapling	5		Variable		
White Spruce		5	Sapling/Pole	4				
Black Cherry		15	Sapling/Pole	4				

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
95	4130 - Aspen	Poletimber Well	24.8	28	51-80	N/A	2017 YOE: Scattered spruce and balsam. Very dense regeneration.		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
	Red Maple	5	Sapling/Pole	4		Maple (spp.)	Medium	Variable	Variable
	Paper Birch	10	Sapling/Pole	4		Balsam Fir	Low	Variable	Variable
	Quaking Aspen	60	Pole/Sapling	5	28				
	Balsam Fir	10	Sapling/Pole	4					
	White Spruce	5	Sapling/Pole	4					
	Black Cherry	10	Pole/Sapling	5					
									2027 YOE: Harvested in 1998 as part of the Bucket Seat Mix (45-38-97) timber sale. Fully stocked aspen stand, just reaching pole size. Fir component mostly on fringes of stand. Heavily browsed maple regen throughout stand.
96	4130 - Aspen	Poletimber Well	28.4	37	51-80	N/A	2017 YOE: Regeneration doing very good. Some small balsam in the understory. 2027 YOE: Harvested in 1989 as part of the Tom's Creek East (45-21-87) timber sale. Fully stocked aspen stand with fir component throughout stand. Stand has reached pole size. Heavily browsed maple regen throughout stand. Check next entry.		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
	Paper Birch	5	Pole/Sapling	5		Paper Birch	Low	Variable	Variable
	Quaking Aspen	70	Pole/Sapling	6	37	Maple (spp.)	Medium	Variable	Variable
	Balsam Poplar	10	Pole/Sapling	6		Balsam Fir	Medium	Variable	Variable
	Balsam Fir	10	Pole/Sapling	5					
	White Spruce	5	Sapling/Pole	4					
99	4130 - Aspen	Poletimber Well	18.6	27	51-80	N/A	2017 YOE: Regeneration is doing great. 2027 YOE: Harvested in 1999 as part of the Bucket Seat Mix (45-38-97) timber sale. Fully stocked aspen stand that has just transitioned into a pole stand. Patches of conifer scattered throughout stand. Heavily browsed maple regen throughout stand.		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
	Sugar Maple	5	Sapling/Pole	4		Maple (spp.)	Medium	Variable	Variable
	Paper Birch	10	Sapling/Pole	4		Balsam Fir	Low	Variable	Variable
	Quaking Aspen	65	Pole/Sapling	5	27				
	Balsam Fir	10	Pole/Sapling	5					
	White Spruce	5	Sapling/Pole	4					
	Black Cherry	5	Pole/Sapling	5					
101	4134 - Aspen, Spruce/Fir	Poletimber Well	28.1	37	51-80	N/A	2017 YOE: Stand look great. Next entry it should be small poles.		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
	Sugar Maple	5	Pole/Sapling	5		Maple (spp.)	Medium	Variable	Variable
	Paper Birch	5	Pole/Sapling	5		Black Cherry	Low	Variable	Variable
	Quaking Aspen	60	Pole	7	37	Balsam Fir	Low	Variable	Variable
	Balsam Fir	15	Pole/Sapling	6					
	White Spruce	10	Pole/Log	9					
	Black Cherry	5	Pole/Sapling	5					
									2027 YOE: Harvested in 1989 as part of the Tom's Creek East (45-21-87) timber sale. Mixed aspen stand that has transitioned into a nice pole stand. Prominent fir component throughout stand, especially in southern part. Maple and cherry regen throughout stand with heavy browse. Check next entry.

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments	
104	4130 - Aspen	Sapling Well	8.5	16	Immature	N/A	2017 YOE: Stand was cut in 2010. Regeneration is still spotty in the wetter spots but overall it is doing very good.2027 YOE: Harvested in winter of 2009/2010 as part of the Workhorse Mix (45-106-07) timber sale. Fully stocked aspen stand with spruce/fir component most prominent on edges of stand. Some maple regen scattered throughout stand, but is heavily browsed.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Red Maple		5	Sapling	3		Maple (spp.)		
Paper Birch		5	Sapling	3		Balsam Fir		
Quaking Aspen		60	Sapling	3	16			
Balsam Poplar		15	Sapling	3				
Balsam Fir		10	Sapling	2				
White Spruce		5	Sapling	2				
105	622 - Lowland Shrub	None	23.1			No	2017 YOE: OPIC - FMD: Lowland type, mostly tag alder throughout compartment.2027 YOE: Flooded portion of Tom's Creek. Appears to be beaver activity.	
Sub-Canopy Species		Density	Avg. Height	Size				
Tag Alder		Medium	5 - 10 feet	5 - 10 feet				
106	6112 - Lowland Aspen	Sapling Well	8.6	16	1-50	N/A	2017 YOE: Stand was cut in 2010. Regeneration is still a little spotty.2027 YOE: Harvested in winter of 2009/2010 as part of the Workhorse Mix (45-106-07) timber sale. Fully stocked throughout most of stand. Clumps of spruce/fir that is older than remainder of stand. In between clumps is fully stocked maple and aspen saplings. A couple scattered openings throughout stand. Smaller maple seedlings are heavily browsed.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Red Maple		10	Sapling	3		Maple (spp.)		
Quaking Aspen		45	Sapling	3	16	Balsam Fir		
Balsam Poplar		10	Sapling	3				
Balsam Fir		20	Pole/Sapling	5				
White Spruce		10	Pole/Sapling	5				
Northern White Cedar		5	Pole/Sapling	6				
107	6120 - Lowland Cedar	Poletimber Well	21.2	103	1-50	N/A	2017 YOE: Leave for cover and buffer for creek.2027 YOE: Low quality, patchy swamp conifer stand with cedar being most dominant. Very wet stand with abundant tag alder. More tamarack present in eastern part of stand.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Black Spruce		10	Pole	7		Balsam Fir		
Northern White Cedar		75	Pole	6	103	Tamarack		
Tamarack		15	Pole	8		Tag Alder		
						Black Spruce		
						Northern White Cedar		
108	6120 - Lowland Cedar	Poletimber Well	9.8	122	111-140	N/A	2017 YOE: Leave for cover.2027 YOE: Dense cedar pole stand. Log size stems present, but poles are dominant. Almost a pure cedar stand. Slightly drier than surrounding cedar stands. Fir in understory throughout much of stand.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Paper Birch		5	Pole	7		Balsam Fir		
Balsam Fir		5	Pole/Sapling	6				
Northern White Cedar		90	Pole	8	122			

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																								
109	6122 - Black Spruce	Poletimber Well	18.3	83	81-110	N/A	2017 YOE: Small diameter black spruce. Low productivity on this site.																																																								
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111	6112 - Lowland Aspen	Sapling Well	45.0	22	Immature	N/A	2017 YOE: Regeneration was spotty last inventory but it is doing really good now. 2027 YOE: Harvested in winter of 2004 as part of the Whiskey Jug (45-128-97) timber sale. Fully stocked stand containing a mix of aspen, bam, spruce/fir, birch and tamarack. Regen is doing very well. Clumps of residual, mature cedar scattered throughout stand.																																																								
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113	6120 - Lowland Cedar	Poletimber Well	19.7	148	111-140	N/A	2017 YOE: Very visible browse line. Not much for an understory.																																																								
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