



# Compartment Review Presentation

Sault Ste. Marie Forest Management Unit

Compartment 45187

Entry Year 2024

Acreage: 2,680

County Mackinac

Management Area: St. Ignace Lake Plain

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**Stand Examiner:** Nate Plato

## Legal Description:

T43N-R11W, Section 2 & 3 & 5-8 & 17-20, Newton Township

T44N-R11W, Section 31 & 32 Portage Township

## Identified Planning Goals:

This entry management will focus on harvesting mature Aspen and Spruce/Fir and encourage natural regeneration. Thinning of a Northern Hardwood stand is planned to improve stand quality and promote uneven aged management.

## Soil and topography:

The topography of the compartment is primarily level ground. Low-lying wet ground with slightly higher dry ground. The soils present within the compartment are as follows: Markey and Carbondale Mucks, Springlake, Heinz sandy loam, Angellica Muck, Greylock sandy loam, Mattix sandy loam, Guardlake fine sandy loam, Spot-Finch complex, Leafriver mucky peat, Kalkaska sand, losco sand, Paquin-Finch, and Eastport-Leafriver.

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

This compartment is large in area because it contains a large amount of Private holdings within. The compartment takes in parts of 9 different sections. There are some residential properties along the west (H-33) and east (North Gould City Road) edges of the compartment. The majority of the private land is undeveloped and used primarily for hunting/ recreation. The compartment is surrounded on all sides by private land, but a large part of it is enrolled in CFA and open to the public.

## Unique Natural Features:

From MNFI- There are records of numerous Osprey and Great Blue Herring Rookeries within and around the compartment. There is potential for numerous threatened and endangered plants/ communities associated with cedar types. There is also potential for Red Shoulder and Goshawk within the Northern Hardwood cover types. There is potential for wood turtle along Rock River.

## Archeological, Historical, and Cultural Features:

There is a gravel and cement product producing operation adjacent to the compartment to the west.

## Special Management Designations or Considerations:

Potential for raptors and herons to nest in the compartment exists and care will be taken to check stands for nests with buffers placed when necessary.

## Watershed and Fisheries Considerations:

This compartment contains Furlong Creek and headwater reaches of the Rock River and Norton Creek. Furlong Creek, the Rock River, and Norton Creek are all designated Type 1 trout streams less than 50' width with mean July temperatures that range from 59.4 to 63.5 °F (cold streams). 300' buffers are recommended for the Furlong Creek, the Rock River, and Norton Creek in riparian areas susceptible to Aspen regeneration. For areas not susceptible to Aspen regeneration, 100' plus 5' per 1% increase in slope; buffers are recommended to protect these areas in accordance with Best Management Practices.

## Wildlife Habitat Considerations:

Compartment 187 is in Western Mackinac County and within the Milakokia Lake Management Area, composed of disjunct ownerships east and southeast of South Manistique Lake. The largest portion is dominated by lowland. Forested stands are dominated by black spruce and cedar, aspen, balsam fir, and red maple are common in remaining upland areas. Other parts of the compartment further north are dominated by cedar in lowlands followed by aspen, northern hardwoods, and mixed stands on higher ground.

Featured species for this compartment are: American woodcock, blackburnian warbler, red-shouldered hawk, and white-tailed deer. A great blue heron rookery has been noted within this surrounding area in past years. Much of the compartment is part of a deer wintering complex. Wildlife objectives include maintaining the cedar and lowland conifer cover where it occurs for wintering deer as well as bobcat and other species, harvesting stands during the winter to allow tops to be available as browse during these critical months, and encouraging stand diversity in a small northern hardwood

stand. Aspen-dominated stands will be left to continue maturing, providing habitat for ruffed grouse, woodcock, and other species. Wetlands will be buffered appropriately to protect these features. Additional species benefitting from management in the compartment include snowshoe hare, wolf, coyote, beaver, and numerous neotropical migratory birds.

### **Mineral Resource and Development Concerns and/or Restrictions**

No known potential exists for commercial oil & gas production in this part of the state, and there is no known metallic mineral potential in this area. Multiple active sand/gravel pits occur in and around the compartment. Potential for development of additional aggregate resources within the compartment may be limited due to wetlands. Bedrock is at or near the surface in this area. Analysis of a core sample taken from Sec 8 indicates that at least a portion of the compartment is underlain by a significant thickness of high-calcium limestone suitable for industrial use. This same material is currently mined at Carmeuse's northern Port Inland Quarry just over five miles to the southwest. The area one to three miles southwest of the compartment was also extensively tested for mine development by Bethlehem Steel in the past. While development of a new quarry here in the near future is unlikely, there is good potential for this mineral resource within the compartment. 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:**

Vehicle access is very limited to the interior parts of the compartment due to private ownership. Mackinac County Road H-33 runs North/South along the west border of the compartment and is a paved all season road. North Gould City Road runs North/South along the east border of the compartment and is a year round restricted gravel road. There are some two tracks that allow access to the interior parts of the compartment, but all pass through private property, some gated. Some of this private is enrolled in CFA and offers public access.

### **Survey Needs:**

Most treatments this entry will include blue line work. New corners will be needed on multiple treatments.

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

Hunting and trapping opportunities exist within the compartment where access allows.

### **Fire Protection:**

The compartment cover types and low ground limit potential for any large scale fire problems. The potential for fire exists where human activity is present and in adjoining private lands. Access would be a problem for any fires occurring in the compartments interior. Vehicle access is very limited. Any fires in the lower areas would pose potential mop-up problems. Water sources include Norton Creek and possibly Rock River and surrounding marsh area. Newton Township Volunteer Fire Department is located in Gould City, about 1 mile to the south of the compartment.

### **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**

Report 1 – Total Acres by Cover Type and Age Class



Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Uneven-Aged	Total
Aspen	0	0	112	0	102	60	87	0	0	0	0	0	0	0	0	0	0	0	359
Bare/Sparsely Vegetated	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Cedar	0	0	0	0	0	0	0	0	0	0	171	7	181	9	41	0	0	0	409
Herbaceous Openland	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Low-Density Trees	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Lowland Aspen/Balsam Poplar	0	0	0	7	0	80	0	0	0	0	0	0	0	0	0	0	0	0	87
Lowland Conifers	0	0	48	0	57	0	0	0	0	0	0	0	9	0	0	0	0	0	113
Lowland Deciduous	0	0	0	48	5	0	3	0	0	0	0	0	0	0	0	0	0	0	56
Lowland Mixed Forest	0	0	0	0	96	0	0	0	68	0	0	0	0	5	0	0	0	6	175
Lowland Shrub	903	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	903
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	17	0	232	0	0	0	0	0	0	0	249
Marsh	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
Mixed Upland Deciduous	0	0	0	0	0	0	0	0	27	0	0	0	0	0	0	0	0	0	27
Northern Hardwood	0	0	0	0	0	0	0	0	34	95	0	0	0	0	0	0	0	0	128
Upland Conifers	0	0	0	0	0	5	13	0	0	0	0	0	0	0	0	0	0	0	18
Upland Mixed Forest	0	0	0	0	0	68	0	0	0	0	0	0	0	0	0	0	0	0	68
Upland Spruce/Fir	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	18	25
Urban	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Water	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27
<b>Total</b>	<b>964</b>	<b>0</b>	<b>160</b>	<b>55</b>	<b>260</b>	<b>213</b>	<b>110</b>	<b>0</b>	<b>146</b>	<b>95</b>	<b>403</b>	<b>7</b>	<b>190</b>	<b>14</b>	<b>41</b>	<b>0</b>	<b>0</b>	<b>24</b>	<b>2678</b>



## Report 2 – Treatment Summary

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

Acres of Harvest

Compartment 187  
Total Compartment Acres: 2,680

Commercial Harvest - 165  
Harvests with Site Condition - 143  
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	77	0	0	0	0	0	0	0	0	77
Lowland Mixed Forest	6	0	0	0	25	0	0	0	0	31
Mixed Upland Deciduous	0	0	0	27	0	0	0	0	0	27
Northern Hardwood	0	120	0	0	0	0	0	0	0	120
Upland Conifers	13	0	0	0	0	0	0	0	0	13
Upland Mixed Forest	22	0	0	0	0	0	0	0	0	22
Upland Spruce/Fir	0	0	0	0	0	0	0	0	18	18
<b>Total</b>	<b>118</b>	<b>120</b>	<b>0</b>	<b>27</b>	<b>25</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>18</b>	<b>309</b>

### Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	309	0	0	0	0	12	8	0	0	329
Next Step	0	0	18	0	0	0	321	0	0	339
<b>Total</b>	<b>309</b>	<b>0</b>	<b>18</b>	<b>0</b>	<b>0</b>	<b>12</b>	<b>329</b>	<b>0</b>	<b>0</b>	<b>668</b>



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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**Approved Treatments:**

<b>8</b>	<b>45187008-Cut</b>	44.9	4112 - Maple, Beech, Cherry Association	Sawtimber Well	86	81-110	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	No
<p><u>Prescription</u> Thin to 70-80 BA to promote more regeneration. Poor regeneration since last harvest. Retain all hemlock and all healthy beech. Focus on <u>Specs:</u> taking over mature trees and releasing crop trees. Regeneration gaps may be created especially where aspen is present. Leave all trees 26" DBH and larger for legacy trees. Winter harvest only due to deer yard considerations.</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Northern hardwood species</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u> Unknown Access</p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>											
<b>9</b>	<b>45187009-Cut</b>	5.0	6132 - Mixed Lowland Forest with Cedar	Sawtimber Well	126	141-170	Harvest	Shelterwood with Retention	613 - Lowland Mixed Forest	Two-Aged	No
<p><u>Prescription</u> Clear cut stand leaving cedar and hemlock to create diversity and create food for wintering deer. Cut all deciduous trees over 2" DBH and <u>Specs:</u> conifers over 4" DBH. Winter harvest only due to 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, birch, cedar, hemlock, aspen, spruce, fir.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u> Unknown Access</p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>											
<b>14</b>	<b>45187014-Cut</b>	27.0	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	73	81-110	Harvest	Seed Tree with Retention	4319 - Mixed Upland Forest	Two-Aged	No
<p><u>Prescription</u> Cut all deciduous trees over 2" DBH and conifers over 4" DBH. Leave an average BA of 20-30 where northern hardwood types are <u>Specs:</u> dominant, leaving healthy, representative trees. Retain immature aspen patches. Retain patch of cedar in center of stand. Winter harvest only due to deer yard considerations.</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Northern hardwood species, aspen, and upland conifers.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u> Unknown Access</p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>											



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
<b>24 45187024-Cut</b>	1.8	4319 - Mixed Upland Forest	Poletimber Well	45	81-110	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Cut all deciduous trees over 2" DBH and all conifers over 4" DBH. Retain all cedar. Winter harvest only due to 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.</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> 10/1 /2023</p>										
<b>25 45187025-Cut</b>	35.2	4134 - Aspen, Spruce/Fir	Poletimber Well	53	111-140	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Harvest all deciduous trees over 2" DBH and all conifers over 4" DBH. Retain any areas containing immature aspen. Leave any hemlock and cedar present. Exclude any overly wet areas. Also retain some birch, cherry and large maple along boundary adjacent to hardwood stands. Actual treatment size may vary after prep work is complete.</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Aspen, spruce, fir, and maple spp.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>										
<b>27 45187027-Monitor</b>	8.3	4119 - Mixed Northern Hardwoods	Sawtimber Well	79	51-80	Monitoring	Natural Regen (Re-Inventory)	4110 - Sugar Maple Association	Uneven-Aged	No
<p><u>Prescription</u> Follow-up treatment with a regeneration survey as per the work instructions.</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Acceptable regeneration is aspen, maple, cherry, cedar, yellow and paper birch, balsam fir, white spruce, black spruce and white pine.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2031</p>										
<b>28 45187028-Cut</b>	24.0	4110 - Sugar Maple Association	Sawtimber Well	74	81-110	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	No
<p><u>Prescription</u> Thin to approximately 70-90 BA. Retain any healthy beech. Promote healthy yellow birch. Leave any hemlock present. Leave BA slightly higher where aspen is present, as not to allow adjacent aspen to creep in. Treatment size may vary. Leave all trees 26" DBH and larger for legacy trees.</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> Northern hardwood associated species.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>										



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
29	45187029-Cut	20.1	4319 - Mixed Upland Forest	Poletimber Well	42	81-110	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Cut all deciduous trees over 2" DBH and all conifers over 4" DBH to promote aspen regeneration. Retain any immature pockets of aspen and also any hemlock or cedar throughout treatment area. Treatment size may vary.</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.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>											
30	45187030-Cut	1.7	4110 - Sugar Maple Association	Sawtimber Well	71	81-110	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	No
<p><u>Prescription</u> Thin to approximately 70-90 BA focusing on trees that are or becoming over mature. Retain any healthy beech. Promote yellow birch.</p> <p><u>Specs:</u> Leave any hemlock present. Leave BA slightly higher near adjacent aspen. Leave all trees 26" DBH and larger for legacy trees.</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Northern hardwood associated species.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>											
32	45187032-Cut	20.0	6132 - Mixed Lowland Forest with Cedar	Poletimber Medium	75	51-80	Harvest	Shelterwood with Retention	613 - Lowland Mixed Forest	Two-Aged	No
<p><u>Prescription</u> Harvest all deciduous trees over 2" DBH and conifers over 4" DBH. Leave all cedar and hemlock. Avoid overly wet areas. Treatment size may vary. Winter cut only.</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, spruce, cedar, hemlock, tamarack.</p> <p><u>Regen:</u></p> <p><u>Other</u> Treatment contingent upon access from adjacent private ownership. Should be packaged with 45187033-Cut.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u> Unknown Access</p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>											
33	45187033-Cut	6.1	6131 - Hemlock, White Pine, Maple, Birch	Sawtimber Well	80	81-110	Harvest	Clearcut with Retention	613 - Lowland Mixed Forest	Two-Aged	No
<p><u>Prescription</u> Harvest all deciduous trees over 2" DBH and all conifers over 4" DBH. Leave all cedar and hemlock. Also leave 3-5 large, healthy yellow birch. No pocket retention due to small acreage. Treatment size may vary. Winter cut only.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Maple, yellow birch, paper birch, aspen, hemlock, cedar, spruce, tamarack.</p> <p><u>Regen:</u></p> <p><u>Other</u> Treatment contingent upon access through adjacent private ownership. Should be packaged with 45187032-Cut.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u> Unknown Access</p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>											



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
<b>43 45187043-Cut</b>	19.9	4134 - Aspen, Spruce/Fir	Poletimber Well	59	51-80	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Cut all deciduous trees over 2" DBH and all conifers over 4" DBH. Exclude overly wet areas and areas of immature aspen. Treatment size may vary. Harvest during non winter months.</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Aspen, balsam fir, white spruce.</p> <p><u>Regen:</u></p> <p><u>Other</u> Buffer arch site accordingly after confirmed by archaeologist.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u> Survey Needed</p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>										
<b>53 45187053-Cut</b>	18.3	42340 - Upland Spruce/Fir	Poletimber Poor	54	1-50	Harvest	Other - Specify	310 - Herbaceous Openland		No
<p><u>Prescription</u> Clear cut to restore opening. Consult wildlife division for follow up treatments.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Invasive Species</p> <p><u>Treatments:</u> ; Planting, Other - Specify</p> <p><u>Acceptable</u></p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>										
<b>54 45187054-Spray</b>	12.4	6239 - Mixed Emergent Wetland	Nonstocked				Pesticide Hand Application	6239 - Mixed Emergent Wetland		No
<p><u>Prescription</u> Spray invasive species of phragmites found in marsh. Choose appropriate herbicide based on site, work instructions, and manufactures recommendations.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Invasive Species</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u></p> <p><u>Regen:</u></p> <p><u>Other</u> Possible Phragmites patches found in wetland.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>										
<b>55 45187055-Cut</b>	44.4	4110 - Sugar Maple Association	Sawtimber Well	85	111-140	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	No
<p><u>Prescription</u> Thin to 70-90 BA. Focus on over mature trees, especially over mature basswood. Designate all aspen to be cut. Retain all hemlock, cedar and healthy beech. Leave all trees 26" DBH and larger for legacy trees. Winter harvest only due to 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> Species already present.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>										





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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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<b>66</b>	<b>45187066-Cut</b>	5.2	4110 - Sugar Maple Association	Sawtimber Well	81	81-110	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	No
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Prescription Thin to 80-90 BA. Focus on over mature trees. Retain all hemlock and healthy beech. Leave all trees 26" DBH and larger for legacy trees.  
Specs: Winter harvest only due to deer yard considerations.

Next Step Monitoring, Natural Regen (Re-Inventory)  
Treatments:

Acceptable All species currently present.  
Regen:

Other  
Comment:

Site Condition Unknown Access

Proposed Start Date: 10/1 /2023

<b>67</b>	<b>45187067-Cut</b>	8.4	4134 - Aspen, Spruce/Fir	Poletimber Well	47	111-140	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
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Prescription Final harvest of aspen mix. Harvest all deciduous trees over 2" DBH and all conifers over 4" DBH. Leave any hemlock and cedar if present.  
Specs: Exclude any overly wet areas. Treatment size may vary after field work is complete.

Next Step Monitoring, Natural Regen (Re-Inventory)  
Treatments:

Acceptable Aspen, fir, spruce, maple spp.  
Regen:

Other  
Comment:

Site Condition

Proposed Start Date: 10/1 /2023

<b>70</b>	<b>45187070-Cut</b>	13.2	429 - Mixed Upland Conifers	Sawtimber Well	56	111-140	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
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Prescription Cut all deciduous over 2" DBH and all conifers over 4" DBH. Leave some mature red pine and spruce along north boundary line. Retain all immature patches of aspen and fir. Treatment size may vary.

Next Step Monitoring, Natural Regen (Re-Inventory)  
Treatments:

Acceptable Aspen, spruce, fir, red pine.  
Regen:

Other Converting to aspen to manage with stand to the south.  
Comment:

Site Condition Survey Needed

Proposed Start Date: 10/1 /2023

<b>72</b>	<b>45187072-Cut</b>	13.3	4134 - Aspen, Spruce/Fir	Poletimber Well	56	81-110	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
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Prescription Final harvest of aspen mix. Harvest all deciduous trees over 2" DBH and all conifers over 4" DBH. Leave any hemlock and cedar if present. Exclude any overly wet areas. Treatment size may vary after field work is complete.

Next Step Monitoring, Natural Regen (Re-Inventory)  
Treatments:

Acceptable Aspen, spruce, fir, maple spp.  
Regen:

Other  
Comment:

Site Condition

Proposed Start Date: 10/1 /2023



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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: 329.2

## Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Nate Plato : Examiner

Compartment: 187

Year of Entry: 2024

### Availability for Management

Total Acres	Acres Available	Acres Available With Condition	Acres Not Available
340	302	38	0

### Dominant Site Conditions

	Total Acres	Acres Available	Acres Available With Condition	Acres Not Available	Dominant Site Conditions											
					2B	2I	4A	5C	2G	2H	3H	3J	3L			
340	302	38	0		Aspen		20		18							
6	6	0	0		Bare/Sparsely Vegetated											
408	170	0	238		Cedar						7	188	3	41		
8	8	0	0		Herbaceous Openland											
7	7	0	0		Low-Density Trees											
87	87	0	0		Lowland Aspen/Balsam Poplar											
113	48	33	32		Lowland Conifers				33	22	8			2		
56	56	0	0		Lowland Deciduous											
175	144	31	0		Lowland Mixed Forest	31										
903	903	0	0		Lowland Shrub					0						
249	0	232	17		Lowland Spruce/Fir			232			17					
12	12	0	0		Marsh											
27	0	27	0		Mixed Upland Deciduous	27										
128	78	50	0		Northern Hardwood	50										
18	5	13	0		Upland Conifers		13									
68	61	7	0		Upland Mixed Forest	5	2									
25	18	7	0		Upland Spruce/Fir	7										
1	1	0	0		Urban											
27	27	0	0		Water											
2,660	1,934	438	288		Total Forested Acres	120	35	232	51	22	32	188	4	41		
	73%	16%	11%		Relative Percent											

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

Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Available	2B: Unknown if access through adjacent landowner(s) is possible	6	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

## Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Nate Plato : Examiner

Compartment: 187

Year of Entry: 2024

2	<b>Available</b>	<b>4A: No Markets Available for these Forest Products</b>	89	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
3	<b>Unavailable</b>	<b>3J: Water quality / BMPs (stream, river, or lake)</b>	5	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Norton Creek Buffer							
4	<b>Available</b>	<b>2B: Unknown if access through adjacent landowner(s) is possible</b>	5	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
5	<b>Unavailable</b>	<b>3H: Deer Wintering Area - habitat is incompatible with harvest at this time</b>	14	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
7	<b>Unavailable</b>	<b>2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)</b>	9	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
8	<b>Available</b>	<b>2I: Survey needed</b>	2	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

## Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Compartment: 187

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Year of Entry: 2024

9	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	22	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
10	<b>Unavailable</b>	<b>3H: Deer Wintering Area - habitat is incompatible with harvest at this time</b>	3	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
11	<b>Available</b>	<b>2B: Unknown if access through adjacent landowner(s) is possible</b>	5	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
12	<b>Unavailable</b>	<b>3L: Other wildlife concerns</b>	41	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Adjacent to deer yard and no access to stand.							
13	<b>Available</b>	<b>2B: Unknown if access through adjacent landowner(s) is possible</b>	45	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
14	<b>Available</b>	<b>2B: Unknown if access through adjacent landowner(s) is possible</b>	5	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

## Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Nate Plato : Examiner

Compartment: 187

Year of Entry: 2024

15	Available	2B: Unknown if access through adjacent landowner(s) is possible	27	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
16	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	7	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> No access							
17	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	24	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
18	Available	2B: Unknown if access through adjacent landowner(s) is possible	20	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
19	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	123	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

## Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Nate Plato : Examiner

Compartment: 187

Year of Entry: 2024

20	<b>Unavailable</b>	<b>3H: Deer Wintering Area - habitat is incompatible with harvest at this time</b>	14	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
21	<b>Unavailable</b>	<b>3H: Deer Wintering Area - habitat is incompatible with harvest at this time</b>	7	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
22	<b>Available</b>	<b>2B: Unknown if access through adjacent landowner(s) is possible</b>	7	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
23	<b>Available</b>	<b>4A: No Markets Available for these Forest Products</b>	142	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
24	<b>Available</b>	<b>5C: Delay treatment for age/size class diversity or exceptional site quality</b>	18	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
25	<b>Unavailable</b>	<b>3H: Deer Wintering Area - habitat is incompatible with harvest at this time</b>	4	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

## Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Nate Plato : Examiner

Compartment: 187

Year of Entry: 2024

26	<b>Available</b>	<b>5C: Delay treatment for age/size class diversity or exceptional site quality</b>	33	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
27	<b>Unavailable</b>	<b>2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)</b>	17	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> No access due to large bog.							
28	<b>Available</b>	<b>2I: Survey needed</b>	13	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Corner needed for the NE 1/16 of sec 8 T43N R11W. Could also be placed on the N1/16.							
29	<b>Available</b>	<b>2I: Survey needed</b>	20	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Corner needed on the E1/16 Sec. 17 T43N R11W.							



Mgt. Unit

Compartment: #Type!

Year of Entry:



### Report 5 – PROPOSED SPECIAL CONSERVATION AREA\* (SCA) DETAILS

\* This is a partial list of SCAs for this compartment. Not included are those areas identified under other Department initiatives (Natural Rivers, Deer Wintering Areas, etc.). Those will be identified in separate, future map and report products.

SCA Name	SCA Category	Detail Type	Recommendation	Acres
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Comments				
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**Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS**

\* This is a list of SCA's for this compartment along with a 1/4 mile buffer surrounding the compartment. Refer to the Special Conservation Area Map for locations of the below listed Conservation Areas.

ERA = Ecological Reference Area  
 HCVA = High Conservation Value Area  
 SCA = Special Conservation Area

Conservation Area	Type	Description
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species (e.g., slimy sculpin) to persist from year to year. Coldwater streams in Michigan typically provide these conditions due to substantial contributions of groundwater to their stream flows. Such streams are established by Director's action and designated as trout resources by Fisheries Order 210.
SCA	Habitat Area	An area that provide some specific need for the life cycle of wildlife species, including State Wildlife Areas and Waterfowl Production Areas, deer wintering complexes in lowland conifer communities, grassland openings and savannas. Habitat areas are distinct from critical habitat designated for recovery of endangered or threatened species (such as Kirtland's warbler or piping plover areas) in that they are more general in nature, are not primarily associated with threatened or endangered species, and are not covered by species recovery plans that are developed in cooperation with Federal agencies.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments					
1	310 - Herbaceous Openland	Nonstocked	4.9			Managed Opening	Grass opening with low amounts of fir, cherry, and maple. Adjacent hardwood stand slowly creeping in.					
								Sub-Canopy Species	Density	Avg. Height	Size	
								Black Cherry	Low	Variable	Sapling	
								Balsam Fir	Low	Variable	Sapling	
Sugar Maple	Low	Variable	Sapling									
2	6120 - Lowland Cedar	Poletimber Well	13.6	111	81-110	N/A	Stand is mix of cedar, and wetland spruce. Some fir and paper birch mixed in. Sparse stocking and tag alder in open wet areas. Slightly higher ground than large adjacent cedar stand.					
								Canopy Species	% Cover	Size Class	DBH	Age
								Black Spruce	30	Pole	8	
								Northern White Cedar	50	Pole	7	111
								Balsam Fir	15	Pole	8	
Paper Birch	5	Pole	7									
3	6229 - Mixed lowland shrub	Nonstocked	15.3		Immature	No	Buffer along Norton creek. Whole stand is standing dead cedar after being flooded. Tag alder remains.					
								Canopy Species	% Cover	Size Class	DBH	Age
								Balsam Fir	15	Pole	5	
								Black Spruce	40	Pole/Sapling	5	44
								Tamarack	5	Pole	5	
								Black Ash	10	Pole	6	
Balsam Poplar	30	Pole	5									
								Sub-Canopy Species	Density	Avg. Height	Size	
4	122 - Road/Parking Lot	Nonstocked	1.3		Immature	No						
5	629 - Mixed non-forested wetland	Nonstocked	11.2		Immature	No						
								Sub-Canopy Species	Density	Avg. Height	Size	
								Tag Alder	Medium	5 - 10 feet	Tall Shrub	
6	6124 - Lowland Spruce-Fir	Poletimber Well	34.8	39	111-140	N/A	Extremely variable stand of complete mix of conifer and lowland deciduous. Dense spruce/fir small poletimber with frequent larger trees throughout stand. Some of species, especially the red maple and spruce have two age classes ranging from small pole timber to small saw timber. Possibly old shelterwood or overstory removal. Merchantability has increased since last inventory. Aspen/spruce/fir pockets are approaching decent size poletimber. A couple of small pockets of mature hardwood near edges. Hold to reach bigger overall size. More cedar on west side side of stand.					
								Canopy Species	% Cover	Size Class	DBH	Age
								Red Maple	12	Pole	8	
								Paper Birch	10	Pole/Log	8	
								White Spruce	16	Pole/Log	8	
								Balsam Fir	38	Pole	6	39
								Northern White Cedar	10	Pole	6	
								Quaking Aspen	14	Log/Pole	10	60
								Sub-Canopy Species	Density	Avg. Height	Size	
								Conifers	Medium	Variable	Sapling	
Tag Alder	Low	Variable	Tall Shrub									
Red Maple	Medium	Variable	Sapling									



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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7	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	8.5	114	81-110	N/A	Stand is island within large cedar stand. A little bit higher ground makes this stand have more balsam, birch and red maple. No access at all. Some tamarack and bam also mixed in.
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Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	30	Pole	8	
Paper Birch	10	Pole	8	
Northern White Cedar	35	Pole	7	114
Balsam Poplar	8	Pole	7	
Tamarack	7	Pole	7	
Red Maple	10	Pole	8	

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

8	4112 - Maple, Beech, Cherry Association	Sawtimber Well	44.9	86	81-110	N/A	Very nice stand of large Hard Maple and some mix of hemlock. Thinned in 2010 as part of Plus One Hardwood sale. Heavy deer browse. BA still high and quality regen is lacking. Could use another thinning.
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Canopy Species	% Cover	Size Class	DBH	Age
Beech	2	Log/Pole	11	
Yellow Birch	3	Log/Pole	10	
Basswood	8	Log/Pole	12	
Hemlock	2	Log/Pole	12	
Sugar Maple	70	Log/Pole	13	86
Red Maple	15	Log/Pole	12	

Sub-Canopy Species	Density	Avg. Height	Size
Maple (spp.)	Medium	< 5 feet	Sapling
Beech	Medium	5 - 10 feet	Sapling

9	6132 - Mixed Lowland Forest with Cedar	Sawtimber Well	5.0	126	141-170	N/A	Mixed cedar and deciduous stand. Stand is at bottom of ridge from adjacent hardwood stand. Some pockets of solid cedar, but overall mixed stand. Some mortality present. Some wet spots, but stand overall is not excessively wet.
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Canopy Species	% Cover	Size Class	DBH	Age
Paper Birch	20	Log/Pole	10	
Hemlock	5	Log	12	
Red Maple	10	Pole/Log	9	
Yellow Birch	5	Log/Pole	10	
Balsam Fir	5	Pole	8	
Northern White Cedar	35	Log/Pole	10	126
White Spruce	5	Pole/Log	9	
Balsam Poplar	15	Log/Pole	10	

Sub-Canopy Species	Density	Avg. Height	Size
Conifers	Low	Variable	Sapling
Red Maple	Medium	Variable	Sapling
Balsam Fir	Medium	Variable	Sapling
White Spruce	Low	Variable	Sapling

10	4134 - Aspen, Spruce/Fir	Poletimber Medium	20.5	39	111-140	N/A	Mixed stand of aspen/spruce/fir and other deciduous types. Stand was cut in 1984, Camp A Road Balsam sale. Mostly small to medium poletimber, with some pockets of mature timber present. Some openings present throughout stand. More conifer on southern edge. Ready to harvest next entry.
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Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	25	Pole	6	
Black Cherry	5	Pole	6	
White Spruce	5	Pole	6	
Quaking Aspen	65	Pole	6	39

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



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments	
11	6120 - Lowland Cedar	Poletimber Well	164.5	117	141-170	N/A	Stand of thick cedar, with not much else in spots. Small diameter trees and some areas that are very wet. Some mortality and blowdown present. Some of stand should be cut in the future before it dies off and becomes a wetland. Stand is almost completely closed canopy cedar with virtually no regen and no cedar within browsing height. Diversity greatly needed.	
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>		
Balsam Fir		10	Pole	8		Conifers		
Northern White Cedar		85	Pole	8	117	Density: Low, Avg. Height: Variable, Size: Sapling		
Paper Birch		5	Pole	8				
12	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Well	5.2	31	81-110	N/A	Small pole sized stand of lowland deciduous and some conifer. More upland deciduous species on edges. Hummocky and wet. Check next entry.	
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>		
Balsam Fir		10	Pole	6		Conifers		
Black Ash		10	Pole	6		Density: Low, Avg. Height: Variable, Size: Sapling		
Hemlock		10	Pole	7				
Yellow Birch		10	Pole	6				
Sugar Maple		25	Pole	7	31			
Northern White Cedar		15	Pole	6				
Red Maple		20	Pole	6	31			
13	629 - Mixed non-forested wetland	Nonstocked	16.6		Unspecified	No	Tag alder with scattered swamp conifer. Very wet.	
<b>Sub-Canopy Species</b>		<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>				
Tag Alder		High	5 - 10 feet	Tall Shrub				
Black Spruce		Low	Variable	Sapling				
Northern White Cedar		Low	Variable	Sapling				
14	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	27.0	73	81-110	N/A	Thin hardwood stand is filling in with aspen, fir and cherry. Most fir is immature. A couple nice pockets of hardwood. Small pocket of cedar and hemlock in middle of stand.	
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>		
Quaking Aspen		15	Pole	6		Conifers		
Basswood		10	Pole/Log	9		Density: Medium, Avg. Height: Variable, Size: Sapling		
Balsam Fir		35	Pole	5	31			
Sugar Maple		40	Pole/Log	9	73			
15	6120 - Lowland Cedar	Poletimber Medium	14.2	94	81-110	N/A	Cedar stand of small diameter trees. Edge of steep drop off from ridge. Pretty wet ground, tag alder throughout. Some mortality. Some pockets of better cedar present	
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>		
Balsam Fir		25	Pole	7		Tag Alder		
Paper Birch		10	Pole	7		Density: Low, Avg. Height: Variable, Size: Tall Shrub		
Northern White Cedar		65	Pole	7	94			



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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**16** 6117 - Lowland Deciduous, Mixed Coniferous Poletimber Medium 47.7 29 81-110 N/A Regeneration of mixed lowland deciduous types and spruce/fir.. Sparse density in places. Some better pockets on west side. More conifer in northeast part of stand. Frequent pockets of tag alder. Wet.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	10	Pole	6		Tag Alder	Low	5 - 10 feet	Tall Shrub
Black Spruce	7	Pole	6					
Paper Birch	15	Pole	6					
Balsam Poplar	30	Pole	6	29				
Balsam Fir	30	Pole	6	29				
Quaking Aspen	8	Pole	6					

**17** 4134 - Aspen, Spruce/Fir Poletimber Well 12.0 42 81-110 N/A Stand was cut in 1981. Nice pole sized aspen mixed with fir. Still small sized pole timber, but pockets of larger diameters present. Hold until next entry.

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	25	Pole/Sapling	6	
Quaking Aspen	65	Pole	6	42
White Spruce	10	Pole	6	

**18** 4134 - Aspen, Spruce/Fir Poletimber Well 22.2 42 141-170 N/A Stand was cut in 1981. Mixed regen, but mostly aspen. Some maple on higher ground. Conifer throughout, especially southern end. Pockets of larger diameter aspen present. Hold until next entry.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	5	Pole	6		Balsam Fir	High	Variable	Sapling
Bigtooth Aspen	10	Pole	6		Paper Birch	Low	Variable	Sapling
Balsam Fir	25	Pole	6		White Spruce	Low	Variable	Sapling
Sugar Maple	5	Pole	8					
Quaking Aspen	55	Pole	7	42				

**19** 6120 - Lowland Cedar Poletimber Well 6.7 107 111-140 N/A Small diameter cedar mixed with balsam and aspen/spruce. Small stand. Wet throughout most of stand.

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	15	Pole	7	
Quaking Aspen	10	Pole	7	
Balsam Poplar	10	Pole	6	
Northern White Cedar	65	Pole	7	107

**20** 4134 - Aspen, Spruce/Fir Poletimber Well 16.2 38 141-170 N/A Mixed stand of aspen with mix of spruce and balsam throughout. Mostly small poletimber with pockets of larger timber. Overall too small for harvest. Check next entry.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	25	Pole	6		White Spruce	Low	Variable	Sapling
White Spruce	10	Pole	7		Balsam Fir	Medium	Variable	Sapling
Quaking Aspen	65	Pole	6	38				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
21	42340 - Upland Spruce/Fir	Poletimber Medium	7.2	53	51-80	N/A	Old opening that has filled in with aspen, spruce and fir. Some cherry. Two very small openings remain. Harvest opening next entry when adjacent aspen is ready for harvest.		
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Quaking Aspen		30	Pole	8		Balsam Fir	Medium	Variable	Sapling
White Spruce		40	Pole	8	53	White Spruce	Medium	Variable	Sapling
Black Cherry		5	Pole	7					
Balsam Fir		25	Pole	7					
22	790 - Other Bare/Sparsely Vegetated	Nonstocked	5.6		Unspecified	No	Gravel pit.		
23	4139 - Aspen, Mixed Deciduous	Poletimber Well	17.8	43	81-110	N/A	Nice mixed aspen stand. Some maple and conifers present. Stand varies, as smaller age classes are present throughout. Hold until next entry.		
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Paper Birch		10	Pole	6		Conifers	Medium	Variable	Sapling
White Spruce		5	Pole	7		Maple (spp.)	Medium	Variable	Sapling
Sugar Maple		15	Pole/Sapling	6					
Red Maple		5	Pole/Sapling	6					
Balsam Fir		10	Pole	6					
Quaking Aspen		55	Pole	7	43				
24	4319 - Mixed Upland Forest	Poletimber Well	1.8	45	81-110	N/A	Strip of aspen/spruce/fir. Mature. Cut this entry pending survey.		
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Balsam Fir		30	Pole	7		Quaking Aspen	Low	Variable	Sapling
White Spruce		15	Pole	7		Balsam Fir	Low	Variable	Sapling
Quaking Aspen		55	Pole	8	45				
25	4134 - Aspen, Spruce/Fir	Poletimber Well	53.3	53	111-140	N/A	Nice mixed aspen stand. Some maple and conifers present. Stand varies, as smaller age classes are present throughout. Harvest what is ready. North edge of stand has planted rows of white spruce and red pine. Mature, large diameter trees. Should be treated with aspen to create one stand.		
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Balsam Fir		20	Pole	8	55	Conifers	Medium	Variable	Sapling
Sugar Maple		5	Pole/Sapling	6		Red Maple	Medium	Variable	Sapling
Red Pine		5	Log/XLog	16					
Red Maple		5	Pole/Sapling	6					
Quaking Aspen		50	Pole	9	53				
Paper Birch		10	Pole	7					
White Spruce		5	Log	12					
26	4134 - Aspen, Spruce/Fir	Poletimber Well	33.3	18	51-80	N/A	East half of stand was cut in 2005 as part of the Back Nine sale. Good looking aspen approaching small pole size with mix of spruce and balsam. West half of stand was cut in 1985, but is of very similar size to portion cut in 2005 and of poorer quality. Originally two stands, but merged together as it makes sense to manage as one stand.		
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>				
Quaking Aspen		70	Sapling/Pole	4	18				
Balsam Fir		10	Sapling/Pole	4					
White Spruce		10	Sapling/Pole	4					
Paper Birch		10	Sapling/Pole	4					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments	
<b>27</b>	4119 - Mixed Northern Hardwoods	Sawtimber Well	8.3	79	51-80	N/A	Good quality hardwoods mixed with some balsam and birch. Thinned in 2016. Sparse regen besides beech brush. Some patches of advanced regen present. Pockets of raspberry. Monitor for acceptable regeneration next entry with follow up treatment.	
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>		
Balsam Fir		5	Pole	7		Red Maple		
Beech		5	Pole/Log	8		Beech		
Red Maple		10	Log/Pole	10		Conifers		
Sugar Maple		55	Log/Pole/Sap	11	79	Sugar Maple		
Hemlock		5	Pole/Log	9				
Paper Birch		10	Pole	8				
Basswood		10	Log/Pole	11				
<b>28</b>	4110 - Sugar Maple Association	Sawtimber Well	24.0	74	81-110	N/A		Nice, mature hardwood stand. Thinned in 1996 as part of Running Fawn Hardwood sale. Mostly hard maple. Good advanced regen in spots. Thin this entry. Heavy deer browse.
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>		
Basswood		7	Log/Pole	11		Maple (spp.)		
Sugar Maple		75	Log/Pole	11	74	Balsam Fir		
White Ash		3	Pole/Log	9				
Red Maple		15	Log/Pole	10				
<b>29</b>	4319 - Mixed Upland Forest	Poletimber Well	61.5	42	81-110	N/A	Stand was cut in 1981. Mix of aspen/spruce/fir. Some hardwood mixed in. Somewhat variable stand. Mature in some spots, while others just reaching maturity. West side of stand has bigger diameters. Starting to see mortality in aspen and fir. Harvest most mature portion(s) of stand this entry. Allow remainder of stand to put on more diameter.	
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>		
Sugar Maple		3	Pole	8		Red Maple		
Red Maple		2	Pole	8		Balsam Fir		
Quaking Aspen		40	Pole	8	42			
Balsam Fir		40	Pole	7	42			
White Spruce		10	Pole	7				
Paper Birch		5	Pole	7				
<b>30</b>	4110 - Sugar Maple Association	Sawtimber Well	1.7	71	81-110	N/A	Small stand of hardwood mixed with balsam and spruce in understory. Thinned in 1996 as part of Running Fawn Hardwood sale. Not much regen. Heavy deer browse.	
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>		
Sugar Maple		80	Log	11	71	Conifers		
Red Maple		5	Pole/Log	9				
Basswood		15	Log/Pole	11				
<b>31</b>	4134 - Aspen, Spruce/Fir	Poletimber Well	37.6	36	81-110	N/A	Stand is good looking aspen with a mix of spruce and fir. Was cut in 1987. Some hardwood spp have crept in. Check next entry. Wet in spots.	
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>		
Balsam Fir		20	Pole/Sapling	5		Maple (spp.)		
White Ash		2	Sapling/Pole	4		Balsam Fir		
Black Cherry		3	Sapling/Pole	4				
Paper Birch		5	Pole/Sapling	5				
Quaking Aspen		70	Pole/Sapling	6	36			





Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																									
<b>32</b>	6132 - Mixed Lowland Forest with Cedar	Poletimber Medium	68.2	75	51-80	N/A	Variable stand. Mixed stand of lowland deciduous types and cedar/hemlock. Red maple and aspen are dying off. Thick fir understory throughout much of stand. Some very wet pockets of alder. More aspen in south part of stand bordering bog.																																																									
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<b>33</b>	6131 - Hemlock, White Pine, Maple, Birch	Sawtimber Well	6.1	80	81-110	N/A	Small island mixed stand. Hardwood/hemlock mixed with cedar, aspen, birch. Some mortality. Ready for harvest but limited by small size and lack of access.																																																									
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<b>34</b>	6122 - Black Spruce	Poletimber Medium	17.1	77	51-80	N/A	Small stand of stunted, small diameter, poor quality spruce. Absolutely inaccessible and unmerchantable.																																																									
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<b>35</b>	6120 - Lowland Cedar	Poletimber Poor	40.7	131	51-80	N/A	Wetland cedar mixed with some tamarack and balsam and spruce. Balm near edge.....Dense tag alder underneath in spots. Poor quality. Low BA. Frequent mortality. Sporadic aspen/bam throughout stand.																																																									
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<b>36</b>	500 - Water	Nonstocked	2.7			No	Flooded creek from beavers.																																																									



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																						
37	629 - Mixed non-forested wetland	Nonstocked	64.6		Immature	No	Very wet stand. Most likely flooded at one point. Extensive mortality. Scattered lowland conifer and aspen/bam throughout stand.																																						
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38	6112 - Lowland Aspen	Poletimber Well	80.3	42	81-110	N/A	Part of stand was cut in 1996. Extremely variable stand. Mix of lowland deciduous types and tamarack and balsam and spruce. Ridges present with nice mix of hardwoods and aspen. Very nice mature aspen on west side of stand. Could treat small part of stand now, but should leave rest until next entry.																																						
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39	4134 - Aspen, Spruce/Fir	Poletimber Well	9.8	33	81-110	N/A	Stand was cut in 1990. Regen is mix of aspen, spruce and balsam and some red maple. Doing very well. Excellent stocking. More hardwoods present on western edge of the stand. Check next entry.																																						
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40	629 - Mixed non-forested wetland	Nonstocked	688.9			No	Huge bog. A couple small tag alder pockets. The rest is sparsely stocked spruce. Very wet.																																						
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41	622 - Lowland Shrub	Nonstocked	44.6		Immature	No	Very wet. Very dense, tall tag alder. Scattered lowland conifer and deciduous. Very small patch of hardwood/aspen on west side. Too small to split and no access. Multiple streams and drainages present.																																						
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<b>42</b>	4134 - Aspen, Spruce/Fir	Poletimber Well	17.7	33	81-110	N/A	Stand was cut in 1990. Mostly aspen/spruce/fir mixed with some maple. The southern part of the stand contains a small patch of mostly maple. Edges of stand adjacent to wetland are wet. Check next entry for harvest.																																						
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<b>43</b>	4134 - Aspen, Spruce/Fir	Poletimber Well	19.9	59	51-80	N/A	Nice mix of aspen/spruce/fir. Aspen is nice size but has died off in spots resulting in fir patches. Decent size spruce also present. A few scattered large red pine near road. Spots of blowdown present. Wet near edges. Diameters and stocking decrease towards west part of stand. Clear cut this this entry.																																						
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<b>44</b>	6122 - Black Spruce	Poletimber Medium	89.4	97	51-80	N/A	Variable wet stand of small diameter spruce, tamarack, and some cedar. Stunted, poor quality black spruce. Frequent pockets of tag alder.																																						
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<b>45</b>	4319 - Mixed Upland Forest	Poletimber Well	4.8	44	81-110	N/A	Nice aspen stand. Mostly mature. Some sparse areas. Heavy fir component. Vein of nice spruce in middle of stand. Ready to harvest, but limited by size and access.																																						
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<b>46</b>	4134 - Aspen, Spruce/Fir	Sapling Well	32.1	18	Immature	N/A	Stand was cut in 2005 as part the Back Nine sale. Mixed regen looks good. Some mature spruce/fir present. Mostly along road. Mixed hardwood coming up underneath.																																						
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<b>47</b>	310 - Herbaceous Openland	Nonstocked	3.1		Immature	No																																							



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments	
<b>48</b>	6122 - Black Spruce	Poletimber Medium	142.2	99	51-80	N/A	Large stand of wet ground. Lowland spruce mixed with some tamarack and cedar. Mostly small diameter stunted trees. Scattered aspen where some high pockets. Edge of huge bog.	
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>		
Black Spruce		80	Pole	6	99	Balsam Fir		
Tamarack		5	Pole	6		Northern White Cedar		
Northern White Cedar		10	Pole	7		Black Spruce		
Quaking Aspen		5	Pole	8				
<b>49</b>	6124 - Lowland Spruce-Fir	Sapling Medium	47.8	15	51-80	N/A	Stand was cut in 2004, The Front Nine. Patchy, variable stand. Lowland conifer in some spots. Balsam and aspen in others. Large white pine left in overstory.	
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>		
White Pine		3	Log	15		Conifers		
Northern White Cedar		25	Sapling/Pole	4		Aspen (spp.)		
Balsam Fir		40	Sapling/Pole	4	15			
White Spruce		15	Sapling/Pole	4				
Paper Birch		2	Sapling	3				
Black Spruce		10	Sapling/Pole	4				
Tamarack		5	Sapling/Pole	4				
<b>50</b>	42380 - Non Pine Upland Conifer, Mixed Deciduous	Poletimber Well	4.7	47	81-110	N/A	Cut in 1976. Mix fir, cedar, spruce. Some cherry and maple mixed in. Very little aspen. Mostly small pole size with some mature birch in overstory. Aspen mortality throughout.	
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>		
Black Spruce		20	Pole	6		Paper Birch		
Paper Birch		8	Log/Pole	10		Balsam Fir		
Black Cherry		2	Pole	6		Black Spruce		
Quaking Aspen		20	Pole	8	47	Northern White Cedar		
Tamarack		5	Pole	6				
Northern White Cedar		15	Pole	8				
Balsam Fir		30	Pole	7	47			
<b>51</b>	6130 - Fir, Aspen, Maple	Poletimber Well	95.9	36	51-80	N/A	Stand was cut in 1987, Pumping Station sale.. Mix of aspen, fir, birch. Lowland conifer mixed in. Patches of tag alder throughout. slowly transitioning out of an aspen stand. Stand will most likely have to be held until 60+ years.	
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>		
Quaking Aspen		38	Pole/Sapling	6	36	Tag Alder		
White Spruce		5	Pole/Sapling	5		Balsam Fir		
Balsam Fir		25	Pole/Sapling	5				
Paper Birch		5	Pole/Sapling	6				
Tamarack		10	Pole/Sapling	5				
Black Spruce		2	Pole/Sapling	5				
Red Maple		15	Pole/Sapling	5				
<b>52</b>	500 - Water	Nonstocked	2.0		Unspecified	No		



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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<b>53</b>	42340 - Upland Spruce/Fir	Poletimber Poor	18.3	54	1-50	N/A	Grown in opening. Mature spruce and fir with dense understory of the same species in south part of stand. More open in northern part with scattered maple and conifer. Treat stand to restore opening.																																														
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<b>54</b>	6239 - Mixed Emergent Wetland	Nonstocked	12.4			No	Creek that has been beaver flooded. Cattails and standing dead cedar present. Fresh beaver activity present. Appears to be phragmites in sw part of stand.
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<b>55</b>	4110 - Sugar Maple Association	Sawtimber Well	44.4	85	111-140	N/A	Good quality hard maple stand. Associated northern hardwood spp mixed in. Pockets of aspen present. Small scattered clumps of spruce/fir/aspen on higher ground and cedar/bam on lower ground present. Stand needs to be opened up. Very little regen. Heavy deer browse.																																											
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<b>56</b>	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Medium	2.7	58	51-80	N/A	Patchy, variable stand. Wet. Mix of lowland conifers and deciduous types. Mostly clumps of mature cedar surrounded by a mix of tag alder and lowland deciduous.																																																												
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<b>57</b>	6120 - Lowland Cedar	Poletimber Well	4.0	95	81-110	N/A	Lowland poor quality mix of cedar, bam, and fir. Wet. Heavily flooded area adjacent that's creeping into 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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<b>58</b>	6229 - Mixed lowland shrub	Nonstocked	60.0		Immature	No	Beaver flooded portion of Furlong creek. All standing dead cedar. Tag alder and small amount of swamp conifer underneath standing dead trees.				
								Sub-Canopy Species	Density	Avg. Height	Size
								Northern White Cedar	Low	< 5 feet	Sapling
								Tag Alder	Medium	5 - 10 feet	Tall Shrub

<b>59</b>	500 - Water	Nonstocked	22.5		Immature	No	Furlong creek.
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<b>60</b>	6111 - Lowland Balsam Poplar	Sapling Well	6.9	22	51-80	N/A	Young aspen/bam stand doing well. Old clearcut done at same time as private stand to the south. Extensive beaver damage along Furlong creek.
Canopy Species	% Cover	Size Class	DBH	Age			
Quaking Aspen	45	Sapling	3	22			
White Spruce	5	Sapling	3				
Balsam Fir	5	Sapling	3				
Red Maple	5	Sapling	3				
Balsam Poplar	40	Sapling	3				

<b>61</b>	6120 - Lowland Cedar	Poletimber Well	23.5	95	141-170	N/A	Poor-medium quality cedar and other lowland conifers. Wet. Patches of tag alder present. Some larger cedar present. Mortality near Furlong creek.	
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	10	Pole	7		Tag Alder	Medium	5 - 10 feet	Tall Shrub
Paper Birch	5	Pole	7		Balsam Fir	Low	Variable	Sapling
Northern White Cedar	75	Pole/Log	8	95	Red Maple	Low	Variable	Sapling
Tamarack	10	Pole	7					

<b>62</b>	3301 - Low Density Deciduous Trees	Nonstocked	6.9	0		6112 - Lowland Aspen	Old aspen/bam clearcut. Done with private stand to south. Only sparse clumps of regen from harvest remain. Most likely beaver damage. New growth coming up, but stand is mostly open.
Sub-Canopy Species	Density	Avg. Height	Size				
Quaking Aspen	Low	Variable	Sapling				
Balsam Poplar	Low	Variable	Sapling				
White Spruce	Low	Variable	Sapling				
Paper Birch	Low	Variable	Sapling				
Balsam Fir	Low	Variable	Sapling				

<b>63</b>	6120 - Lowland Cedar	Sawtimber Well	9.3	127	171-200	N/A	Mature cedar stand. Very wet. Norton creek and a tributary of Norton creek runs through stand. Some spruce and bam mixed in. No access.	
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	5	Pole/Log	9		Balsam Fir	Medium	Variable	Sapling
White Spruce	5	Log/Pole	10					
Northern White Cedar	80	Log	12	127				
Balsam Poplar	5	Log/Pole	10					
White Pine	3	Log	16					
Balsam Fir	2	Pole	8					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																	
<b>64</b>	4134 - Aspen, Spruce/Fir	Sapling Well	46.6	15	Immature	N/A	Stand was cut in 2009, The Front Nine 45-139-04. Aspen regen with mix of spruce and balsam is coming in well.																																																	
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<b>65</b>	6120 - Lowland Cedar	Poletimber Poor	129.2	97	1-50	N/A	Large stand of wet ground. Very poor stocking. Poor quality mix of swamp conifer. Dense tag alder throughout. Abundant mortality.																																																	
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<b>66</b>	4110 - Sugar Maple Association	Sawtimber Well	5.2	81	81-110	N/A	Nice hardwood stand on ridge. Hard maple dominant. Needs thinning. Formerly part of stand 14.																																																	
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<b>67</b>	4134 - Aspen, Spruce/Fir	Poletimber Well	8.4	47	111-140	N/A	Decent aspen stand mixed with spruce, fir and birch. Some hardwood spp present. Lower BA and more conifer in eastern part of stand. Beaver activity along road on northern edge of stand. Two drainages intersect stand in the middle part. Mature and should be cut.																																																	
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<b>68</b>	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Poor	21.8	33	1-50	N/A	Very wet stand. Dead and dying red maple and balsam in overstory. Mostly tag alder in understory. Formerly part of stand 32. Very patchy and poorly stocked.																																																	
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<b>69</b>	6120 - Lowland Cedar	Poletimber Medium	2.6	117	51-80	N/A	Wetland cedar mixed with some tamarack and balsam and spruce. Dense tag alder underneath in spots. Poor quality. Low BA. Very wet in southern part of stand. Frequent mortality. Scattered aspen/bam throughout stand.	
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>		
Black Spruce		5	Pole	7		Balsam Fir		
Balsam Poplar		5	Pole	7		Medium		
Balsam Fir		10	Pole	7		Variable		
Paper Birch		5	Pole	7		Sapling		
Northern White Cedar		70	Pole	8	117	Red Maple		
Tamarack		5	Pole	7		Low		
<b>70</b>	429 - Mixed Upland Conifers	Sawtimber Well	13.2	56	111-140	N/A	Mix of over mature, large diameter Norway spruce and red pine. Solid spruce on east side of stand. Red pine mixed in throughout rest of stand. Scattered aspen/spruce/fir mixed in. A couple small patches of immature aspen present.	
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>		
Red Pine		30	Log/XLog	16		Maple (spp.)		
Quaking Aspen		5	Pole/Log	8	56	Low		
Norway Spruce		55	Log	12	76	Variable		
Balsam Fir		5	Pole	8		Sapling		
White Spruce		5	Pole/Log	9		Black Cherry		
						Low		
<b>71</b>	629 - Mixed non-forested wetland	Nonstocked	2.1	0	Unspecified	No		
<b>72</b>	4134 - Aspen, Spruce/Fir	Poletimber Well	13.3	56	81-110	N/A	Mature aspen mixed with spruce and fir. Some mortality present in fir. Overall an upland site with some lower wet spots. East and south edges are very wet. More conifer in southern part of stand. many aspen stems are log size. Final harvest this entry.	
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>		
Balsam Fir		20	Pole	7		Balsam Fir		
Paper Birch		5	Pole	8		Low		
Balsam Poplar		10	Pole	8		Variable		
White Spruce		10	Pole/Log	9		Sapling		
Quaking Aspen		55	Pole/Log	9	56			