



# Compartment Review Presentation

Crystal Falls Forest Management Unit

Compartment 12120

Entry Year 2026

Acreage: 1,734

County Iron

Management Area: Way Dam Complex

---

**Stand Examiner:** Ed Rice

## **Legal Description:**

T44N R33W sec 2, 3 T45N R33W sec 34, 35

## **Identified Planning Goals:**

Optimize sustainable timber production while enhancing and protecting wildlife habitat. Continue to sustainably balance the aspen age class acres. Get the hardwood stands on a 20 year alternating cutting cycle towards regulation. Protect the riparian areas and transition zones during management activity.

## **Soil and topography:**

Soils consist of very fine sandy loams in much of the aspen forest type, silt loams in the northern hardwood types to muck soils in the lowlands and bogs. Topography ranges from flat to rolling hills, with some short, steep hills present.

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

The compartment is contiguous in state ownership. Industrial forest borders the compartment along the northeast side while private lands border the western edge. Active forest management has occurred and will continue within and surrounding the compartment.

## **Unique Natural Features:**

No Unique Natural Features known.

## **Archeological, Historical, and Cultural Features:**

There are known concerns within the compartment. All proposed management activities have taken these concerns into consideration.

## **Special Management Designations or Considerations:**

Compartment should be included in deer wintering complex SCA

## **Watershed and Fisheries Considerations:**

The Hemlock River, tributaries and small seeps all lend to the river classed as a cold water trout stream. Any aspen management will require a 300 foot buffer. Other forest types should follow BMPs to preserve the watershed characteristics.

## **Wildlife Habitat Considerations:**

Deer are using areas of the compartment as winter cover, noticeably so along and adjacent to the Hemlock River and any lowland conifer stands. Wolves also use the compartment and the surrounding area. Only a small portion in the south east end of the compartment falls within the identified deer wintering area layer. However, the entire compartment is heavily utilized as a deer wintering area as evidenced by actual observed winter deer use. Upland conifers should be promoted and lowland conifer stands should be maintained and enhanced to continue providing good winter cover.

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

Surface sediments consist of peat and muck, coarse-textured till and an end moraine of coarse-textured till. There is insufficient data to determine the glacial drift thickness. The Precambrian Hemlock Formation subcrops below the glacial drift. The Hemlock does not have a current economic use. Abandoned iron mines are located one mile to the southwest. This compartment was previously leased for metallic exploration and potential may exist. The nearest gravel pit is one mile to the north, but there should be some potential in the compartment. There is no economic oil and gas production in the UP.

## **Vehicle Access:**

Access poor to fair. There are roads but many are impassable to automobile traffic during the non winter months. Access along the southern edge of the compartment is good with the DNR Road being a quality gravel road.

## **Survey Needs:**

T45N R33W sec 35: SE 1/16, S 1/16

## **Recreational Facilities and Opportunities:**

**Fire Protection:**

Much of the area is not prone to carrying a high intensity forest fire. The fuel types consist of aspen, northern hardwoods and swamp/bog. Water sources are abundant with the Hemlock River and multiple creeks adjacent to the compartment. Access into the interior of the compartment is fair for equipment.

**Additional Compartment Information:**

**The following reports from the Inventory are attached:**

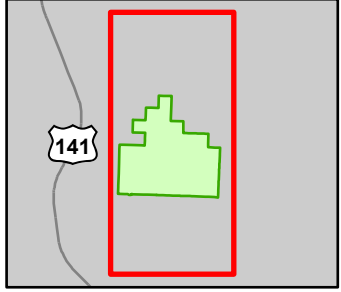
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

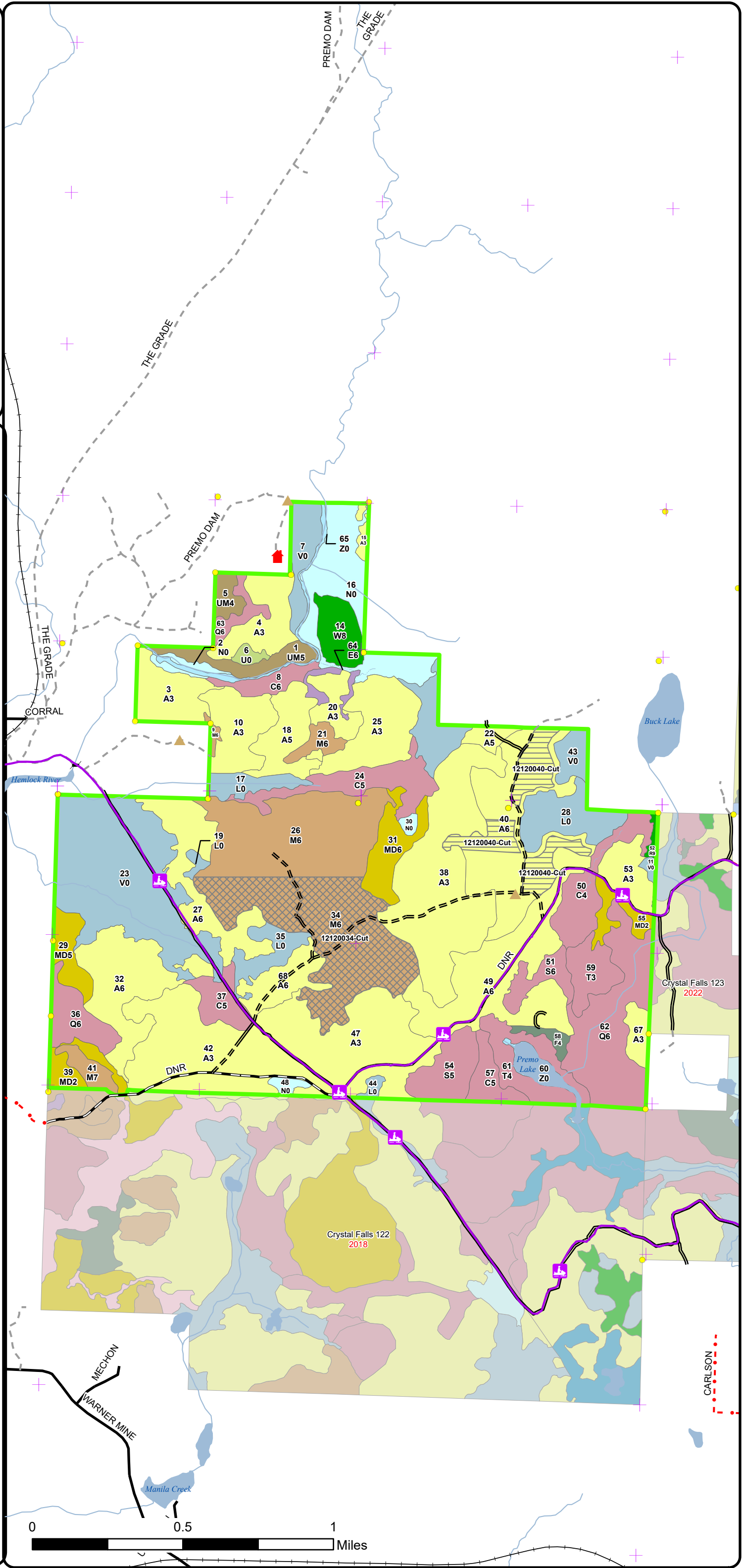
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

# Cover Type & Treatments Map

Compartment: 12120  
 T44N, R33W, Sec: 2, 3  
 County: Iron  
 Unit: Crystal Falls  
 Mgmt Area: Way Dam Complex  
 YOE: 2026  
 Acres: 1733.7 GIS Calculated  
 Examiner: Ed Rice  
 Map Revised: 04/15/2024  
 Map Phase: Web Post

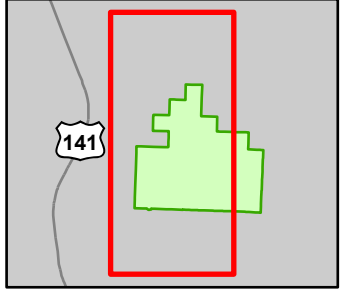


- Snowmobile Trails
- Designated Snowmobile Trails
- Remonumented Section Corners
- Survey Grade Corners
- Cabin
- Berms
- Bridges
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- Private - Dirt / Gravel Road
- Active Railroads
- Lakes and Rivers
- Intermittent Stream
- Lake/Pond
- Perennial River
- Swamp
- Counties
- Compartment Boundary
- Selection (Group, Single Tree)
- Clearcut (w/Reserves)
- 411 - Northern Hardwood
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 320 - Upland Shrub
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland

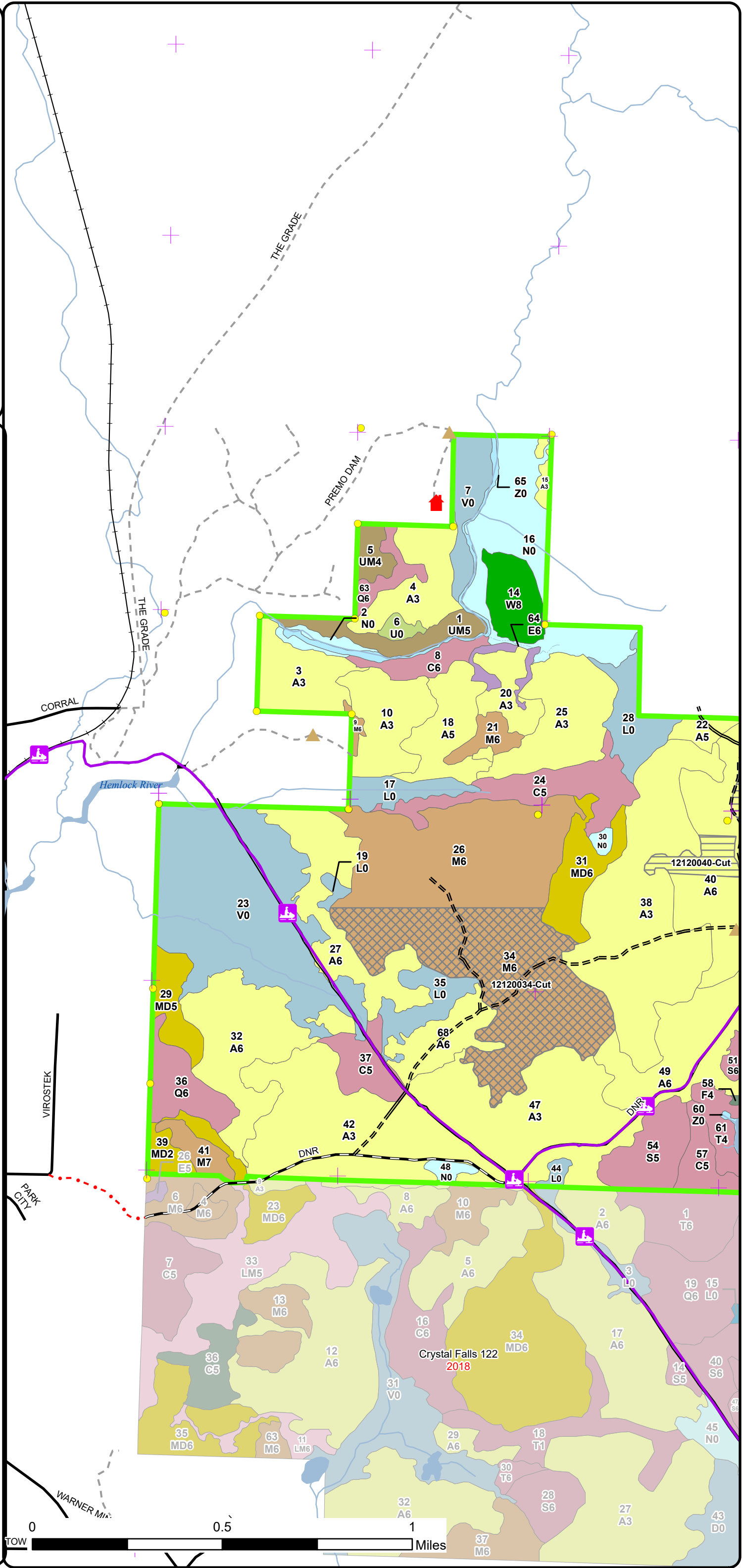


# Cover Type & Treatments Map

Compartment: 12120  
 T44N, R33W, Sec: 2, 3  
 County: Iron  
 Unit: Crystal Falls  
 Mgmt Area: Way Dam Complex  
 YOE: 2026  
 Acres: 1733.7 GIS Calculated  
 Examiner: Ed Rice  
 Map Revised: 04/15/2024  
 Map Phase: Web Post

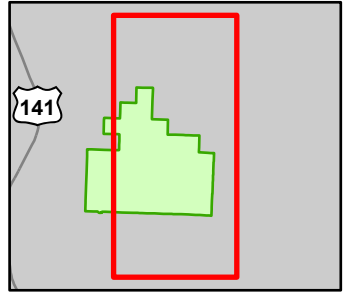


- Snowmobile Trails
- Designated Snowmobile Trails
- Remonumented Section Corners
- Survey Grade Corners
- Cabin
- Berms
- Bridges
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- Private - Dirt / Gravel Road
- Active Railroads
- Lakes and Rivers
- Intermittent Stream
- Lake/Pond
- Perennial River
- Swamp
- Counties
- Compartment Boundary
- Selection (Group, Single Tree)
- Clearcut (w/Reserves)
- 411 - Northern Hardwood
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 320 - Upland Shrub
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland

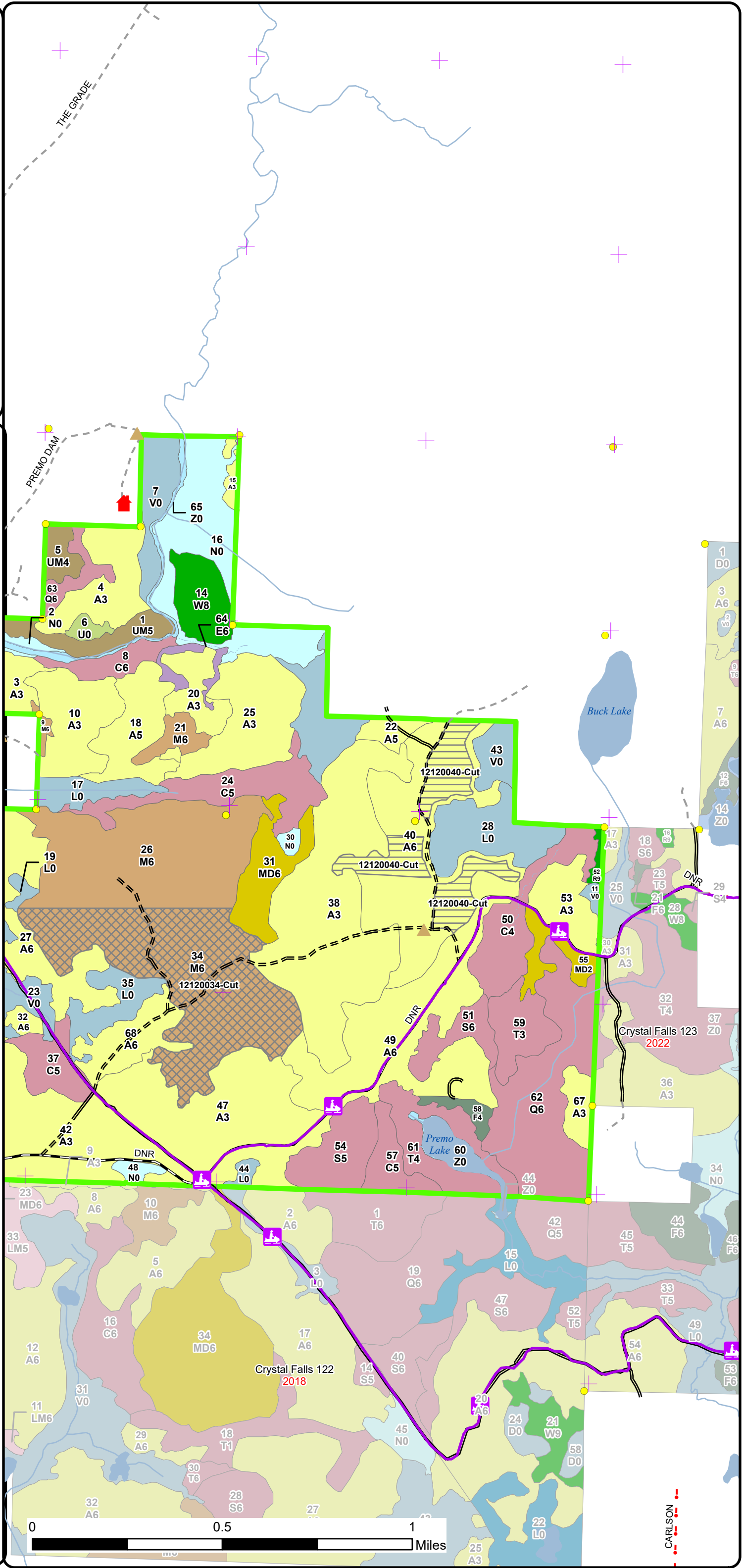


# Cover Type & Treatments Map

Compartment: 12120  
 T44N, R33W, Sec: 2, 3  
 County: Iron  
 Unit: Crystal Falls  
 Mgmt Area: Way Dam Complex  
 YOE: 2026  
 Acres: 1733.7 GIS Calculated  
 Examiner: Ed Rice  
 Map Revised: 04/15/2024  
 Map Phase: Web Post



- Snowmobile Trails
- Designated Snowmobile Trails
- Remonumented Section Corners
- Survey Grade Corners
- Cabin
- Berms
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- County - Gravel Road
- Private - Dirt / Gravel Road
- Lakes and Rivers
- Intermittent Stream
- Lake/Pond
- Perennial River
- Swamp
- Counties
- Compartment Boundary
- Selection (Group, Single Tree)
- Clearcut (w/Reserves)
- 411 - Northern Hardwood
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 320 - Upland Shrub
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland



CARLSON

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	180	199	94	26	145	150	0	0	0	0	0	0	0	0	0	0	0	794
Bog	154	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	154
Cedar	0	0	0	0	0	0	0	0	0	0	11	31	0	44	13	0	0	0	99
Lowland Conifers	0	0	0	0	8	0	0	0	21	69	0	0	0	0	0	0	0	0	98
Lowland Deciduous	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	5
Lowland Shrub	82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	82
Lowland Spruce/Fir	0	0	0	0	0	0	0	37	0	0	0	0	0	0	0	0	0	0	37
Marsh	62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	62
Mixed Upland Deciduous	0	23	0	0	15	23	0	0	0	0	0	0	0	0	0	0	0	0	61
Northern Hardwood	0	0	0	0	0	0	0	8	11	0	0	0	0	0	0	0	0	205	223
Red Pine	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2
Tamarack	0	19	0	0	0	0	0	26	0	0	0	0	0	0	0	0	0	0	45
Upland Mixed Forest	0	0	0	0	8	16	0	0	0	0	0	0	0	0	0	0	0	0	24
Upland Shrub	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Upland Spruce/Fir	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5
Water	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18
White Pine	0	0	0	0	0	0	0	0	19	0	0	0	0	0	0	0	0	0	19
<b>Total</b>	<b>319</b>	<b>222</b>	<b>199</b>	<b>94</b>	<b>57</b>	<b>189</b>	<b>150</b>	<b>76</b>	<b>51</b>	<b>71</b>	<b>11</b>	<b>31</b>	<b>0</b>	<b>44</b>	<b>13</b>	<b>0</b>	<b>0</b>	<b>205</b>	<b>1731</b>



## Report 2 – Treatment Summary

Crystal Falls Mgt. Unit  
Year of Entry: 2026

Acres of Harvest

Compartment 120  
Total Compartment Acres: 1,734

Commercial Harvest - 146  
Harvests with Site Condition - 0  
Next Step Harvest - 0  
Habitat Cut - 0

### Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overstory Removal	Salvage	Other	Total Acres
Aspen	37	0	0	0	0	0	0	0	0	37
Northern Hardwood	0	109	0	0	0	0	0	0	0	109
<b>Total</b>	<b>37</b>	<b>109</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>146</b>

### Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	146	0	0	0	0	0	0	0	0	146
Next Step	0	0	0	0	0	146	0	0	0	146
<b>Total</b>	<b>146</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>146</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>291</b>



Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat
											Cut

**Proposed Treatments:**

<b>34</b>	<b>12120034-Cut</b>	108.9	4112 - Maple, Beech, Cherry Association	Poletimber Well	75	111-140	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	No
<p><u>Prescription</u> Thin to 70 BA. Where available, leave at least two large crowned sugar maple per acre. Do not remove basswood, oak, black ash, yellow birch, cedar or hemlock. Leave scattered aspen. Avoid removing trees adjacent to hemlock or in hemlock groves to avoid logging damage. Buffer vernal/low areas minimally by 100 feet. Protect advanced sugar maple regeneration.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Any combination of the original stand's over story species prior to harvest.</p> <p><u>Other Comment:</u> h maple fair to poor form throughout - epicormic branching and defect prevalent. component of h maple 18-20" dbh. good h maple saplings 15-20' tall. r maple is overall very poor quality. pockets of very highly stocked h maple saplings in S of stand and slightly better quality on timber. very widely scattered high ground cedar. stand BA 120</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>											
<b>40</b>	<b>12120040-Cut</b>	36.6	4134 - Aspen, Spruce/Fir	Poletimber Well	55	Unspecified	Harvest	Clearcut with Retention	4319 - Mixed Upland Forest	Even-Aged	No
<p><u>Prescription</u> Harvest aspen 4.6" DBH and larger. Harvest all spruce/fir with a 10" stump diameter and larger. Retain all other species. Avoid/buffer lowland and vernal areas. Protect advanced conifer and maple regeneration.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Intermediate)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Any combination of the original stand's over story species prior to harvest.</p> <p><u>Other Comment:</u> 2026: 10-12" diameter aspen component. scattered w birch saplings and small poletimber. small vernal/low areas throughout the stand. 2016: aspen 7 - 12" dbh with pockets of naturally regenerating aspen saplings. thick hazel. scattered cherry. larger w spruce is hit hard by SBW. scattered older aged aspen with runs of smaller poletimber. areas dense to fir saplings F3. small inclusions of dense h maple saplings</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>											

**Total Treatment Acreage Proposed: 145.5**



## Report 4 – Site Conditions

Crystal Falls Mgt. Unit

Ed Rice : Examiner

Compartment: 120

Year of Entry: 2026

### Availability for Management

Total	Acres	<b>Acres Avail</b>	Acres
Acres	Available	<i>With Condition</i>	Not Available

### Dominant Site Conditions

				2B	5B	5C	2F	2G	3H	3J	5D	5E	
793	654	<b>50</b>	89	Aspen	<b>4</b>		<b>46</b>		6	57	23		4
154	154	<b>0</b>	0	Bog									
100	0	<b>0</b>	100	Cedar						72		28	
98	0	<b>0</b>	98	Lowland Conifers				8	90				
5	0	<b>0</b>	5	Lowland Deciduous				5					
82	82	<b>0</b>	0	Lowland Shrub									
37	0	<b>0</b>	37	Lowland Spruce/Fir						13		24	
62	62	<b>0</b>	0	Marsh									
61	38	<b>23</b>	0	Mixed Upland Deciduous		<b>23</b>							0
224	224	<b>0</b>	0	Northern Hardwood									
2	2	<b>0</b>	0	Red Pine									
45	19	<b>0</b>	26	Tamarack					26				
24	0	<b>0</b>	24	Upland Mixed Forest				8			16		
3	3	<b>0</b>	0	Upland Shrub									
5	5	<b>0</b>	0	Upland Spruce/Fir									
18	18	<b>0</b>	0	Water									
19	14	<b>0</b>	5	White Pine									5
1,734	1,275	<b>73</b>	386	Total Forested Acres	<b>4</b>	<b>23</b>	<b>46</b>	8	45	232	39	52	9
	74%	<b>4%</b>	22%	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	3J: Water quality / BMPs (stream, river, or lake)	4	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

## Report 4 – Site Conditions

Crystal Falls Mgt. Unit

Ed Rice : Examiner

Compartment: 120

Year of Entry: 2026

2	<b>Unavailable</b>	2G: Too wet (sensitive soils, does not include access issues)	26	5D: Unproductive Forest Land	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
3	<b>Unavailable</b>	2F: Too steep	8	2B: Unknown if access through adjacent landowner(s) is possible	Unspecified	Unspecified	Unspecified
<b>Comments:</b> very low timber volume, steep ridges							
4	<b>Unavailable</b>	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	152	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
5	<b>Unavailable</b>	5E: Long-Term Retention	4	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
6	<b>Unavailable</b>	5D: Unproductive Forest Land	28	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> scattered cedar with tag alder							
7	<b>Unavailable</b>	2G: Too wet (sensitive soils, does not include access issues)	8	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

## Report 4 – Site Conditions

Crystal Falls Mgt. Unit

Ed Rice : Examiner

Compartment: 120

Year of Entry: 2026

8	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	5	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
9	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	6	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
<b>Comments:</b> vernal areas							
10	<b>Available</b>	<b>5B: Maintain for regeneration purposes</b>	23	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
11	<b>Unavailable</b>	<b>3H: Deer Wintering Area - habitat is incompatible with harvest at this time</b>	56	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> one of few remaining stands in the compartment with moderate to high conifer component. heavy winter deer use							
12	<b>Unavailable</b>	<b>3J: Water quality / BMPs (stream, river, or lake)</b>	4	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	5E: Long-Term Retention	Unspecified	Unspecified
<b>Comments:</b>							
13	<b>Unavailable</b>	<b>3J: Water quality / BMPs (stream, river, or lake)</b>	19	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

## Report 4 – Site Conditions

Crystal Falls Mgt. Unit

Ed Rice : Examiner

Compartment: 120

Year of Entry: 2026

14	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
15	Unavailable	5D: Unproductive Forest Land	24	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> extremely slow growth, bog type spruce							
16	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	13	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
17	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	11	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
<b>Comments:</b> heavily used by wintering deer							
18	Unavailable	5E: Long-Term Retention	5	3L: Other wildlife concerns	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
19	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	11	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

## Report 4 – Site Conditions

Crystal Falls Mgt. Unit

Ed Rice : Examiner

Compartment: 120

Year of Entry: 2026

20	<b>Available</b>	<b>2B: Unknown if access through adjacent landowner(s) is possible</b>	4	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
21	<b>Available</b>	<b>5C: Delay treatment for age/size class diversity or exceptional site quality</b>	47	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
25	<b>Unavailable</b>	<b>3J: Water quality / BMPs (stream, river, or lake)</b>	2	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
26	<b>Unavailable</b>	<b>5E: Long-Term Retention</b>	0	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

Mgt. Unit

Compartment: #Type!

Year of Entry:



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

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
----------	--------------	-------------	----------------	-------

---

Comments

---



**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 Lake	A coldwater lake has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species to persist from year to year. Suitable conditions for coldwater fishes may occur in Michigan lakes if they are relatively deep, have substantial groundwater inflows, or are located in colder (northern) areas of the state. Such lakes are established by Director's action and designated as trout resources by Fisheries Order 200.
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.
SCA	Riparian Area	A transitional area between aquatic and terrestrial ecosystems in which the terrestrial ecosystem influences the aquatic ecosystem and vice-versa. Because of the unique conditions adjacent to lakes, streams and open water wetlands, riparian areas harbor a high diversity of plants and wildlife. Riparian communities are ecologically and socially significant in their effects on water quality and quantity, as well as aesthetics, habitat, bank stability, timber production, and their contribution to overall biodiversity.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments				
1	4319 - Mixed Upland Forest	Poletimber Medium	15.9	45	Unspecified	N/A	mixed stand sloping down to the Hemlock River. spruce/fir has largely been impacted by past SBW infestations. heavy raspberry/upland brush undergrowth due to the spruce/fire mortality. cedar is present in small pockets nearer to the river. scattered large w pine throughout. exposed bed rock in areas along the slope.				
<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>	
Black Cherry		15	Pole	8		Balsam Fir		Medium	10 - 20 feet	Sapling	
Red Maple		5	Pole	7		Hazelnut (Spp.)		High	5 - 10 feet	Tall Shrub	
Northern White Cedar		5	Log	12		Blackberry/Raspberry		High	< 5 feet	Tall Shrub	
White Pine		5	Log	16							
Balsam Fir		20	Pole/Sapling	6							
White Spruce		15	Pole/Sapling	7							
Quaking Aspen		35	Pole	7	45						
2	6233 - Wet Meadow	Nonstocked	4.8		Unspecified	No		open swamp grass meadow with willow/tag alder			
3	4134 - Aspen, Spruce/Fir	Sapling Well	27.5	5	Immature	N/A	2026: successfully regenerating from previous cut2016: older aspen windthrow throughout. heavy fir throughout. fairly open understory excepting hazel growth				
<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>	
White Spruce		5	Sapling/Pole	3		Hazelnut (Beaked)		Full	< 5 feet	Tall Shrub	
Balsam Fir		15	Sapling/Pole	3		Balsam Fir		High	10 - 20 feet	Sapling	
Paper Birch		5	Log	12		Black Cherry		Low	10 - 20 feet	Sapling	
Quaking Aspen		75	Sapling	1	5						
4	4134 - Aspen, Spruce/Fir	Sapling Well	27.9	4	Immature	N/A					
<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>
White Spruce		10	Sapling	3		Hazelnut (Beaked)			High	< 5 feet	Tall Shrub
Balsam Fir		15	Sapling	3		Quaking Aspen			Low	5 - 10 feet	Sapling
Paper Birch		3	Log/Pole	10		Balsam Fir	Full		5 - 10 feet	Sapling	
Quaking Aspen		70	Sapling	1	4	White Spruce	High		5 - 10 feet	Sapling	
Red Maple		2	Pole	8							
5	4319 - Mixed Upland Forest	Poletimber Poor	7.7	35	1-50	N/A	steep ridges throughout. much of mature aspen has fallen out of the stand. successive SBW years have caused high mortality on spruce/fir. dense hazel. small inclusions of tag alder				
<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>
Red Maple		10	Pole	8		White Spruce			Medium	5 - 10 feet	Sapling
Paper Birch		5	Log/Pole	10		Balsam Fir		High	5 - 10 feet	Sapling	
Quaking Aspen		25	Sapling/Pole/Log	2	15	Hazelnut (Beaked)		High	< 5 feet	Tall Shrub	
White Spruce		25	Pole/Log	9							
Black Cherry		5	Pole/Sapling	6							
White Pine		5	XLog	18							
Balsam Fir		25	Pole/Sapling	6	35						
6	320 - Upland Shrub	Nonstocked	3.3		Unspecified	No		semi open upland. scattered b cherry with open grown, limby spruce/fir. scattered pockets of natural A3			





Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																															
7	6225 - Bog	Nonstocked	17.9		Unspecified	No	open leather leaf bog - scattered small b spruce saplings. N end has small high ground inclusion with A3 - aspen 8 - 10' tall and associated spruce/fir saplings.																																															
8	6120 - Lowland Cedar	Poletimber Well	10.8	95	Unspecified	N/A	sloping to river, rock with broken boulders. good closed cedar canopy																																															
		<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>20</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>60</td> <td>Log</td> <td>12</td> <td>95</td> </tr> <tr> <td>Black Spruce</td> <td>20</td> <td>Pole</td> <td>7</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Balsam Fir	20	Pole/Sapling	6		Northern White Cedar	60	Log	12	95	Black Spruce	20	Pole	7		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>High</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	High	5 - 10 feet	Sapling	heavy winter deer use																				
Canopy Species	% Cover	Size Class	DBH	Age																																																		
Balsam Fir	20	Pole/Sapling	6																																																			
Northern White Cedar	60	Log	12	95																																																		
Black Spruce	20	Pole	7																																																			
Sub-Canopy Species	Density	Avg. Height	Size																																																			
Balsam Fir	High	5 - 10 feet	Sapling																																																			
9	4112 - Maple, Beech, Cherry Association	Poletimber Well	2.1	75	51-80	N/A	fair quality maple. steep hills																																															
		<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Sugar Maple</td> <td>60</td> <td>Pole</td> <td>8</td> <td>75</td> </tr> <tr> <td>Red Maple</td> <td>30</td> <td>Pole</td> <td>9</td> <td></td> </tr> <tr> <td>White Spruce</td> <td>10</td> <td>Pole</td> <td>9</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Sugar Maple	60	Pole	8	75	Red Maple	30	Pole	9		White Spruce	10	Pole	9		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Medium	5 - 10 feet	Sapling																					
Canopy Species	% Cover	Size Class	DBH	Age																																																		
Sugar Maple	60	Pole	8	75																																																		
Red Maple	30	Pole	9																																																			
White Spruce	10	Pole	9																																																			
Sub-Canopy Species	Density	Avg. Height	Size																																																			
Balsam Fir	Medium	5 - 10 feet	Sapling																																																			
10	4130 - Aspen	Sapling Well	30.7	5	Immature	N/A	good mixed aspen, h maple, r maple, and cherry regen. scattered residual poletimber maple, birch and conifer.																																															
		<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>65</td> <td>Sapling</td> <td>1</td> <td>5</td> </tr> <tr> <td>Balsam Fir</td> <td>5</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>Sugar Maple</td> <td>10</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>5</td> <td>Log/Pole</td> <td>9</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Log</td> <td>12</td> <td></td> </tr> <tr> <td>Black Cherry</td> <td>10</td> <td>Sapling</td> <td>2</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	65	Sapling	1	5	Balsam Fir	5	Sapling	3		Sugar Maple	10	Pole	8		Red Maple	5	Log/Pole	9		Paper Birch	5	Log	12		Black Cherry	10	Sapling	2		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Hazelnut (Beaked)</td> <td>High</td> <td>&lt; 5 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Balsam Fir</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Hazelnut (Beaked)	High	< 5 feet	Tall Shrub	Balsam Fir	Low	10 - 20 feet	Sapling		
Canopy Species	% Cover	Size Class	DBH	Age																																																		
Quaking Aspen	65	Sapling	1	5																																																		
Balsam Fir	5	Sapling	3																																																			
Sugar Maple	10	Pole	8																																																			
Red Maple	5	Log/Pole	9																																																			
Paper Birch	5	Log	12																																																			
Black Cherry	10	Sapling	2																																																			
Sub-Canopy Species	Density	Avg. Height	Size																																																			
Hazelnut (Beaked)	High	< 5 feet	Tall Shrub																																																			
Balsam Fir	Low	10 - 20 feet	Sapling																																																			
11	6225 - Bog	Nonstocked	2.2		Unspecified	No	open leatherleaf bog and swamp grass. seasonally flooded. widely scattered b spruce, tamarack and w pine saplings. winterberry at edges																																															
14	42200 - Natural White Pine	Sawtimber Medium	19.2	72	51-80	N/A	2026: overall moderately stocked w pine large saw log size trees with associated r pine. understory is well stocked aspen with semi open areas.																																															
		<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Paper Birch</td> <td>5</td> <td>Log</td> <td>12</td> <td></td> </tr> <tr> <td>White Pine</td> <td>80</td> <td>XLog</td> <td>24</td> <td>72</td> </tr> <tr> <td>Red Pine</td> <td>15</td> <td>XLog</td> <td>22</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Paper Birch	5	Log	12		White Pine	80	XLog	24	72	Red Pine	15	XLog	22		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Quaking Aspen	Medium	5 - 10 feet	Sapling	Balsam Fir	Medium	5 - 10 feet	Sapling	2016: stand is well over mature - very high incidence of windthrow on older spruce/fir. scattered w pine throughout. aspen has mainly fallen out of the stand - E edge of stand has higher stocking of aspen and larger tamarack component. pockets of natural A3 from windthrow.																
Canopy Species	% Cover	Size Class	DBH	Age																																																		
Paper Birch	5	Log	12																																																			
White Pine	80	XLog	24	72																																																		
Red Pine	15	XLog	22																																																			
Sub-Canopy Species	Density	Avg. Height	Size																																																			
Quaking Aspen	Medium	5 - 10 feet	Sapling																																																			
Balsam Fir	Medium	5 - 10 feet	Sapling																																																			
15	4134 - Aspen, Spruce/Fir	Sapling Well	3.6	31	Unspecified	N/A	small acreage with no feasible access																																															
		<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>80</td> <td>Sapling/Pole</td> <td>4</td> <td>31</td> </tr> <tr> <td>Balsam Fir</td> <td>20</td> <td>Sapling/Pole</td> <td>3</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	80	Sapling/Pole	4	31	Balsam Fir	20	Sapling/Pole	3		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Hazelnut (Beaked)</td> <td>Medium</td> <td>&lt; 5 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Hazelnut (Beaked)	Medium	< 5 feet	Tall Shrub																										
Canopy Species	% Cover	Size Class	DBH	Age																																																		
Quaking Aspen	80	Sapling/Pole	4	31																																																		
Balsam Fir	20	Sapling/Pole	3																																																			
Sub-Canopy Species	Density	Avg. Height	Size																																																			
Hazelnut (Beaked)	Medium	< 5 feet	Tall Shrub																																																			
16	6233 - Wet Meadow	Nonstocked	52.1		Unspecified	No	wide open marsh - swamp grass with water and tag alder throughout. series of old beaver flowages. Hemlock R flows through																																															



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																									
17	622 - Lowland Shrub	Nonstocked	12.2		Unspecified	No	old beaver flowage - swamp grass, alder, dead flooded snags and water - creek course																																									
18	4134 - Aspen, Spruce/Fir	Poletimber Medium	27.1	25	Unspecified	N/A	aspen just moving into poletimber size class. A5A3. E end aspen not as successfully regenerated along edges - more fir. very widely scattered w pine. multiple low ground inclusions																																									
		<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>75</td> <td>Pole/Sapling</td> <td>5</td> <td>25</td> </tr> <tr> <td>Paper Birch</td> <td>2</td> <td>Sapling/Pole</td> <td>3</td> <td></td> </tr> <tr> <td>Black Cherry</td> <td>3</td> <td>Sapling/Pole</td> <td>3</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>20</td> <td>Sapling/Pole</td> <td>3</td> <td></td> </tr> </tbody> </table>	Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	75	Pole/Sapling	5	25	Paper Birch	2	Sapling/Pole	3		Black Cherry	3	Sapling/Pole	3		Balsam Fir	20	Sapling/Pole	3				<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>&lt; 5 feet</td> <td>Sapling</td> </tr> <tr> <td>Hazelnut (Beaked)</td> <td>Medium</td> <td>&lt; 5 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>	Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Medium	10 - 20 feet	Sapling	White Pine	Low	< 5 feet	Sapling	Hazelnut (Beaked)	Medium	< 5 feet	Tall Shrub		
Canopy Species	% Cover	Size Class	DBH	Age																																												
Quaking Aspen	75	Pole/Sapling	5	25																																												
Paper Birch	2	Sapling/Pole	3																																													
Black Cherry	3	Sapling/Pole	3																																													
Balsam Fir	20	Sapling/Pole	3																																													
Sub-Canopy Species	Density	Avg. Height	Size																																													
Balsam Fir	Medium	10 - 20 feet	Sapling																																													
White Pine	Low	< 5 feet	Sapling																																													
Hazelnut (Beaked)	Medium	< 5 feet	Tall Shrub																																													
19	6220 - Alder/willow	Nonstocked	2.5	0	Unspecified	No	vernal area																																									
20	4130 - Aspen	Sapling Well	15.6	5	Immature	N/A	2026: aspen, maple regenerating. residual fir and scattered residual h maple poletimber.  2016: aspen 10 - 12" dbh. low quality r maple. B ash swale runs N through center of stand - wet. high stocking of fir in N end. small low ground inclusions holding spring melt water.																																									
		<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Yellow Birch</td> <td>5</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Black Ash</td> <td>5</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>10</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>10</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Sugar Maple</td> <td>5</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>65</td> <td>Sapling</td> <td>1</td> <td>5</td> </tr> </tbody> </table>	Canopy Species	% Cover	Size Class	DBH	Age	Yellow Birch	5	Pole	6		Black Ash	5	Pole	6		Balsam Fir	10	Sapling	3		Red Maple	10	Log/Pole	10		Sugar Maple	5	Pole	8		Quaking Aspen	65	Sapling	1	5			<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>High</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>	Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	High	5 - 10 feet	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																												
Yellow Birch	5	Pole	6																																													
Black Ash	5	Pole	6																																													
Balsam Fir	10	Sapling	3																																													
Red Maple	10	Log/Pole	10																																													
Sugar Maple	5	Pole	8																																													
Quaking Aspen	65	Sapling	1	5																																												
Sub-Canopy Species	Density	Avg. Height	Size																																													
Balsam Fir	High	5 - 10 feet	Sapling																																													
21	4113 - R.Maple, Conifer	Poletimber Well	8.0	69	51-80	N/A	thick fir understory. low quality r maple 8 - 14" dbh. E end higher stocking of h maple, M6. W end r maple/fir. stand adds landscape level diversity to an area of the compartment with a high percentage of aspen forest type.																																									
		<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Sugar Maple</td> <td>10</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>30</td> <td>Sapling/Pole</td> <td>5</td> <td></td> </tr> <tr> <td>Yellow Birch</td> <td>5</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>50</td> <td>Pole</td> <td>9</td> <td>69</td> </tr> <tr> <td>Quaking Aspen</td> <td>5</td> <td>Log/Pole</td> <td>11</td> <td></td> </tr> </tbody> </table>	Canopy Species	% Cover	Size Class	DBH	Age	Sugar Maple	10	Pole	8		Balsam Fir	30	Sapling/Pole	5		Yellow Birch	5	Pole	7		Red Maple	50	Pole	9	69	Quaking Aspen	5	Log/Pole	11				<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>High</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>	Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	High	10 - 20 feet	Sapling					
Canopy Species	% Cover	Size Class	DBH	Age																																												
Sugar Maple	10	Pole	8																																													
Balsam Fir	30	Sapling/Pole	5																																													
Yellow Birch	5	Pole	7																																													
Red Maple	50	Pole	9	69																																												
Quaking Aspen	5	Log/Pole	11																																													
Sub-Canopy Species	Density	Avg. Height	Size																																													
Balsam Fir	High	10 - 20 feet	Sapling																																													
22	4130 - Aspen	Poletimber Medium	6.4	25	Unspecified	N/A	good mix of aspen saplings and conifer. stand just moving into poletimber size class. high percentage of small diameter stems. A5A3																																									
		<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>60</td> <td>Pole/Sapling</td> <td>5</td> <td>25</td> </tr> <tr> <td>Black Cherry</td> <td>5</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>White Spruce</td> <td>5</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>15</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>10</td> <td>Pole</td> <td>6</td> <td></td> </tr> </tbody> </table>	Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	60	Pole/Sapling	5	25	Black Cherry	5	Sapling	2		Paper Birch	5	Sapling	1		White Spruce	5	Sapling	3		Red Maple	15	Pole	8		Balsam Fir	10	Pole	6				<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Hazelnut (Beaked)</td> <td>Full</td> <td>&lt; 5 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>	Sub-Canopy Species	Density	Avg. Height	Size	Hazelnut (Beaked)	Full	< 5 feet	Tall Shrub
Canopy Species	% Cover	Size Class	DBH	Age																																												
Quaking Aspen	60	Pole/Sapling	5	25																																												
Black Cherry	5	Sapling	2																																													
Paper Birch	5	Sapling	1																																													
White Spruce	5	Sapling	3																																													
Red Maple	15	Pole	8																																													
Balsam Fir	10	Pole	6																																													
Sub-Canopy Species	Density	Avg. Height	Size																																													
Hazelnut (Beaked)	Full	< 5 feet	Tall Shrub																																													
23	6225 - Bog	Nonstocked	123.7		Unspecified	No	tag alder with cattail/water openings. fir saplings throughout with scattered tamarack and w pine saplings.																																									



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																			
24	6120 - Lowland Cedar	Poletimber Medium	31.4	102	Unspecified	N/A	old windthrow mixed with cedar, tag alder, and young fir. sparse tree cover in areas																																																			
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Tamarack</td> <td>5</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Black Spruce</td> <td>20</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>65</td> <td>Log</td> <td>12</td> <td>102</td> </tr> <tr> <td>Balsam Fir</td> <td>10</td> <td>Pole/Sapling</td> <td>7</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Tamarack	5	Pole	8		Black Spruce	20	Pole	7		Northern White Cedar	65	Log	12	102	Balsam Fir	10	Pole/Sapling	7		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>High</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Tag Alder</td> <td>Full</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	High	10 - 20 feet	Sapling	Tag Alder	Full	5 - 10 feet	Tall Shrub																		
Canopy Species	% Cover	Size Class	DBH	Age																																																						
Tamarack	5	Pole	8																																																							
Black Spruce	20	Pole	7																																																							
Northern White Cedar	65	Log	12	102																																																						
Balsam Fir	10	Pole/Sapling	7																																																							
Sub-Canopy Species	Density	Avg. Height	Size																																																							
Balsam Fir	High	10 - 20 feet	Sapling																																																							
Tag Alder	Full	5 - 10 feet	Tall Shrub																																																							
25	4134 - Aspen, Spruce/Fir	Sapling Well	41.4	25	Unspecified	N/A	scattered fir poletimber 5 - 6"dbh. A3A5. aspen component just moving into poletimber size class pockets of conifer scattered throughout. small tag alder/vernal areas throughout.																																																			
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>5</td> <td>Pole</td> <td>5</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>20</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>75</td> <td>Sapling/Pole</td> <td>4</td> <td>25</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	5	Pole	5		Balsam Fir	20	Sapling/Pole	4		Quaking Aspen	75	Sapling/Pole	4	25	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Hazelnut (Beaked)</td> <td>Full</td> <td>&lt; 5 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Hazelnut (Beaked)	Full	< 5 feet	Tall Shrub																											
Canopy Species	% Cover	Size Class	DBH	Age																																																						
Red Maple	5	Pole	5																																																							
Balsam Fir	20	Sapling/Pole	4																																																							
Quaking Aspen	75	Sapling/Pole	4	25																																																						
Sub-Canopy Species	Density	Avg. Height	Size																																																							
Hazelnut (Beaked)	Full	< 5 feet	Tall Shrub																																																							
26	4112 - Maple, Beech, Cherry Association	Poletimber Well	95.6	82	81-110	N/A	h maple fair to poor form throughout - epicormic branching and defect prevalent. good h maple saplings 6 -12' tall. r maple is overall very poor quality. N edge in transition to swamp has 30 yr old aspen along edge A5F4M3. far NE end has higher stocking of M3 with scattered r maple poletimber. pockets of very highly stocked h maple saplings in S of stand and slightly better quality on timber. very widely scattered high ground cedar. rock outcrops throughout with associated steep ridges in the north. vernal areas prevalent - buffer during any future harvest. stand avg BA 110																																																			
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Northern White Cedar</td> <td>5</td> <td>Log</td> <td>12</td> <td></td> </tr> <tr> <td>Black Cherry</td> <td>5</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>15</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Sugar Maple</td> <td>70</td> <td>Log/Pole</td> <td>10</td> <td>82</td> </tr> <tr> <td>Yellow Birch</td> <td>5</td> <td>Pole</td> <td>8</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Northern White Cedar	5	Log	12		Black Cherry	5	Pole	8		Red Maple	15	Log/Pole	12		Sugar Maple	70	Log/Pole	10	82	Yellow Birch	5	Pole	8		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Ironwood</td> <td>Medium</td> <td>&gt;20 feet</td> <td>Sapling</td> </tr> <tr> <td>Sugar Maple</td> <td>High</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>&gt;20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Ironwood	Medium	>20 feet	Sapling	Sugar Maple	High	5 - 10 feet	Sapling	Balsam Fir	Medium	>20 feet	Sapling									
Canopy Species	% Cover	Size Class	DBH	Age																																																						
Northern White Cedar	5	Log	12																																																							
Black Cherry	5	Pole	8																																																							
Red Maple	15	Log/Pole	12																																																							
Sugar Maple	70	Log/Pole	10	82																																																						
Yellow Birch	5	Pole	8																																																							
Sub-Canopy Species	Density	Avg. Height	Size																																																							
Ironwood	Medium	>20 feet	Sapling																																																							
Sugar Maple	High	5 - 10 feet	Sapling																																																							
Balsam Fir	Medium	>20 feet	Sapling																																																							
27	4134 - Aspen, Spruce/Fir	Poletimber Well	45.4	42	Unspecified	N/A	good aspen 7 - 9" dbh with scattered 10" trees. good distribution of fir throughout. spruce is about gone to SBW. low quality r maple. mixed areas of near 100% stocking of aspen rangint to aspen/fir mix. small hazel opening inclusions. heavy h maple saplings in N end along adjacent M6 stand. small lowland inclusions in S central with alder/willow - seasonally flooded																																																			
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Sugar Maple</td> <td>5</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>5</td> <td>Pole/Sapling</td> <td>7</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>60</td> <td>Pole</td> <td>7</td> <td>42</td> </tr> <tr> <td>White Spruce</td> <td>5</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>20</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Sugar Maple	5	Pole/Sapling	6		Paper Birch	5	Log/Pole	10		Red Maple	5	Pole/Sapling	7		Quaking Aspen	60	Pole	7	42	White Spruce	5	Pole	8		Balsam Fir	20	Pole/Sapling	6		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Hazelnut (Beaked)</td> <td>High</td> <td>&lt; 5 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Black Cherry</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Sugar Maple</td> <td>Full</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>High</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Hazelnut (Beaked)	High	< 5 feet	Tall Shrub	Black Cherry	Low	10 - 20 feet	Sapling	Sugar Maple	Full	10 - 20 feet	Sapling	Balsam Fir	High	10 - 20 feet	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																																						
Sugar Maple	5	Pole/Sapling	6																																																							
Paper Birch	5	Log/Pole	10																																																							
Red Maple	5	Pole/Sapling	7																																																							
Quaking Aspen	60	Pole	7	42																																																						
White Spruce	5	Pole	8																																																							
Balsam Fir	20	Pole/Sapling	6																																																							
Sub-Canopy Species	Density	Avg. Height	Size																																																							
Hazelnut (Beaked)	High	< 5 feet	Tall Shrub																																																							
Black Cherry	Low	10 - 20 feet	Sapling																																																							
Sugar Maple	Full	10 - 20 feet	Sapling																																																							
Balsam Fir	High	10 - 20 feet	Sapling																																																							
28	6220 - Alder/willow	Nonstocked	49.1		Unspecified	No	Balm has mainly fallen out of stand - heavy old windthrow throughout. thick alder/Balm saplings with fir. scattered groves of tamarack, extremely wet.winter deer use.																																																			
29	4190 - Mixed Upland Deciduous with Cedar	Poletimber Medium	15.0	35	51-80	N/A	upland aspen/fir mixed with lowland b ash/alder. fir 4 - 6" dbh with understory of 1 - 3". b ash 2 - 6" dbh, aspen 2 - 3 sticks																																																			
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black Ash</td> <td>35</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>10</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>35</td> <td>Pole/Sapling</td> <td>5</td> <td>35</td> </tr> <tr> <td>Northern White Cedar</td> <td>20</td> <td>Log</td> <td>12</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black Ash	35	Pole/Sapling	5		Balsam Fir	10	Pole/Sapling	5		Quaking Aspen	35	Pole/Sapling	5	35	Northern White Cedar	20	Log	12		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>High</td> <td>&gt;20 feet</td> <td>Sapling</td> </tr> <tr> <td>Hazelnut (Beaked)</td> <td>High</td> <td>&lt; 5 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Tag Alder</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	High	>20 feet	Sapling	Hazelnut (Beaked)	High	< 5 feet	Tall Shrub	Tag Alder	Medium	5 - 10 feet	Tall Shrub														
Canopy Species	% Cover	Size Class	DBH	Age																																																						
Black Ash	35	Pole/Sapling	5																																																							
Balsam Fir	10	Pole/Sapling	5																																																							
Quaking Aspen	35	Pole/Sapling	5	35																																																						
Northern White Cedar	20	Log	12																																																							
Sub-Canopy Species	Density	Avg. Height	Size																																																							
Balsam Fir	High	>20 feet	Sapling																																																							
Hazelnut (Beaked)	High	< 5 feet	Tall Shrub																																																							
Tag Alder	Medium	5 - 10 feet	Tall Shrub																																																							



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
-------	--------------------	--------------	-------	-----------	----------	--------------	------------------

**30** 6233 - Wet Meadow Nonstocked 2.1 Unspecified No swamp grass opening - old beaver meadow. scattered alder, ringed with spruce/fir

**31** 4199 - Other Mixed Upland Deciduous Poletimber Well 23.1 42 51-80 N/A aspen 4-10" dbh with very highly stocked h maple saplings M3. scattered h maple poletimber 5-6" dbh. scattered y birch 3-4" diameter. N end of the stand is heavier to spruce/fir with a w birch component. stand BA 70

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	5	Pole/Sapling	6		White Spruce	High	10 - 20 feet	Sapling
Sugar Maple	20	Sapling/Pole	3		Sugar Maple	High	>20 feet	Sapling
Quaking Aspen	30	Pole	7	42	Balsam Fir	High	10 - 20 feet	Sapling
White Spruce	15	Pole/Sapling	6					
Black Cherry	10	Pole/Sapling	6					
Red Maple	20	Pole/Sapling	7					

**32** 4134 - Aspen, Spruce/Fir Poletimber Well 55.7 53 Unspecified N/A aspen 5 - 11 "dbh with scattered 12" trees. dense fir 3 - 7" dbh. scattered cherry and w pine. small inclusions of alder with low stocked b spruce.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	5	Pole	7		Hazelnut (Beaked)	High	< 5 feet	Tall Shrub
Balsam Fir	20	Pole/Sapling	6		Balsam Fir	Medium	>20 feet	Sapling
White Spruce	5	Pole/Sapling	7					
Red Maple	5	Pole/Sapling	6					
Black Cherry	5	Pole	7					
Quaking Aspen	60	Pole/Log	9	53				

**34** 4112 - Maple, Beech, Cherry Association Poletimber Well 108.9 75 111-140 N/A h maple fair to poor form throughout - epicormic branching and defect prevalent. component of h maple 18-20" dbh. good h maple saplings 15-20' tall. r maple is overall very poor quality. pockets of very highly stocked h maple saplings in S of stand and slightly better quality on timber. very widely scattered high ground cedar. stand BA 120

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Northern White Cedar	5	Log	12		Sugar Maple	High	10 - 20 feet	Sapling
Black Cherry	5	Pole	8		Balsam Fir	Medium	>20 feet	Sapling
Yellow Birch	5	Pole/Log	10		Ironwood	Medium	>20 feet	Sapling
Red Maple	30	Log/Pole	10					
Sugar Maple	55	Pole/Log	9	75				

**35** 6220 - Alder/willow Nonstocked 15.7 0 Unspecified No tag alder with associated scattered, low stocked aspen, spruce, fir

**36** 6129 - Mixed Coniferous Lowland Forest Poletimber Well 20.9 77 Unspecified N/A N end heavier to b ash. E end higher stocking of b spruce and tamarack

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	10	Pole/Sapling	5		Tag Alder	High	5 - 10 feet	Tall Shrub
Black Spruce	30	Pole	8	77	Balsam Fir	High	10 - 20 feet	Sapling
Black Ash	15	Pole/Sapling	5					
Tamarack	15	Log	14					
Northern White Cedar	30	Log	12					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																														
<b>37</b>	6120 - Lowland Cedar	Poletimber Medium	16.2	120	Unspecified	N/A	thick tag alder understory. cedar 6 - 14" dbh. w birch scattered throughout. areas of well stocked cedar transitions to more open areas with heavy alder. higher stocking of tamarack in E end along snowmobile trail.																																														
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>10</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> <tr> <td>Tamarack</td> <td>10</td> <td>Pole/Log</td> <td>10</td> <td></td> </tr> <tr> <td>Black Spruce</td> <td>20</td> <td>Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Pole</td> <td>5</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>55</td> <td>Pole/Log</td> <td>9</td> <td>120</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Balsam Fir	10	Pole/Sapling	6		Tamarack	10	Pole/Log	10		Black Spruce	20	Pole	10		Paper Birch	5	Pole	5		Northern White Cedar	55	Pole/Log	9	120	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Tag Alder</td> <td>Full</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Medium	10 - 20 feet	Sapling	Tag Alder	Full	5 - 10 feet	Tall Shrub								
Canopy Species	% Cover	Size Class	DBH	Age																																																	
Balsam Fir	10	Pole/Sapling	6																																																		
Tamarack	10	Pole/Log	10																																																		
Black Spruce	20	Pole	10																																																		
Paper Birch	5	Pole	5																																																		
Northern White Cedar	55	Pole/Log	9	120																																																	
Sub-Canopy Species	Density	Avg. Height	Size																																																		
Balsam Fir	Medium	10 - 20 feet	Sapling																																																		
Tag Alder	Full	5 - 10 feet	Tall Shrub																																																		
<b>38</b>	4130 - Aspen	Sapling Well	107.8	17	Unspecified	N/A	good aspen regeneration 10-20' tall. widely scattered large diameter w pine.																																														
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>65</td> <td>Sapling</td> <td>1</td> <td>17</td> </tr> <tr> <td>White Spruce</td> <td>5</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>5</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Sugar Maple</td> <td>15</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>Black Cherry</td> <td>5</td> <td>Sapling/Pole</td> <td>3</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	65	Sapling	1	17	White Spruce	5	Sapling/Pole	4		Balsam Fir	5	Sapling/Pole	4		Sugar Maple	15	Sapling	1		Paper Birch	5	Sapling	3		Black Cherry	5	Sapling/Pole	3		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Wild Red Raspberry</td> <td>Medium</td> <td>&lt; 5 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Hazelnut (Beaked)</td> <td>High</td> <td>&lt; 5 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Wild Red Raspberry	Medium	< 5 feet	Tall Shrub	Hazelnut (Beaked)	High	< 5 feet	Tall Shrub			
Canopy Species	% Cover	Size Class	DBH	Age																																																	
Quaking Aspen	65	Sapling	1	17																																																	
White Spruce	5	Sapling/Pole	4																																																		
Balsam Fir	5	Sapling/Pole	4																																																		
Sugar Maple	15	Sapling	1																																																		
Paper Birch	5	Sapling	3																																																		
Black Cherry	5	Sapling/Pole	3																																																		
Sub-Canopy Species	Density	Avg. Height	Size																																																		
Wild Red Raspberry	Medium	< 5 feet	Tall Shrub																																																		
Hazelnut (Beaked)	High	< 5 feet	Tall Shrub																																																		
<b>39</b>	4199 - Other Mixed Upland Deciduous	Sapling Medium	12.0	4	1-50	N/A	mix of aspen, r maple regen from cut. scattered areas of lower stocking winter deer use																																														
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>35</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>45</td> <td>Sapling</td> <td>1</td> <td>4</td> </tr> <tr> <td>Black Ash</td> <td>5</td> <td>Pole</td> <td>9</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>10</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>5</td> <td>Log/Pole</td> <td>11</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	35	Sapling	1		Red Maple	45	Sapling	1	4	Black Ash	5	Pole	9		Balsam Fir	10	Sapling	2		Northern White Cedar	5	Log/Pole	11		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>High</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	High	10 - 20 feet	Sapling												
Canopy Species	% Cover	Size Class	DBH	Age																																																	
Quaking Aspen	35	Sapling	1																																																		
Red Maple	45	Sapling	1	4																																																	
Black Ash	5	Pole	9																																																		
Balsam Fir	10	Sapling	2																																																		
Northern White Cedar	5	Log/Pole	11																																																		
Sub-Canopy Species	Density	Avg. Height	Size																																																		
Balsam Fir	High	10 - 20 feet	Sapling																																																		
<b>40</b>	4134 - Aspen, Spruce/Fir	Poletimber Well	94.0	55	Unspecified	N/A	2026: 10-12" diameter aspen component. scattered w birch saplings and small poletimber. small vernal/low areas throughout the stand. 2016: aspen 7 - 12" dbh with pockets of naturally regenerating aspen saplings. thick hazel. scattered cherry. larger w spruce is hit hard by SBW. scattered older aged aspen with runs of smaller poletimber. areas dense to fir saplings F3. small inclusions of dense h maple saplings																																														
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>20</td> <td>Log/Pole</td> <td>11</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>60</td> <td>Pole/Log</td> <td>8</td> <td>55</td> </tr> <tr> <td>White Spruce</td> <td>5</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>15</td> <td>Pole/Sapling</td> <td>7</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	20	Log/Pole	11		Quaking Aspen	60	Pole/Log	8	55	White Spruce	5	Pole/Sapling	6		Balsam Fir	15	Pole/Sapling	7		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Hazelnut (Beaked)</td> <td>Full</td> <td>&lt; 5 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Sugar Maple</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Quaking Aspen</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Medium	10 - 20 feet	Sapling	Hazelnut (Beaked)	Full	< 5 feet	Tall Shrub	Sugar Maple	Medium	10 - 20 feet	Sapling	Quaking Aspen	Low	10 - 20 feet	Sapling					
Canopy Species	% Cover	Size Class	DBH	Age																																																	
Red Maple	20	Log/Pole	11																																																		
Quaking Aspen	60	Pole/Log	8	55																																																	
White Spruce	5	Pole/Sapling	6																																																		
Balsam Fir	15	Pole/Sapling	7																																																		
Sub-Canopy Species	Density	Avg. Height	Size																																																		
Balsam Fir	Medium	10 - 20 feet	Sapling																																																		
Hazelnut (Beaked)	Full	< 5 feet	Tall Shrub																																																		
Sugar Maple	Medium	10 - 20 feet	Sapling																																																		
Quaking Aspen	Low	10 - 20 feet	Sapling																																																		
<b>41</b>	4112 - Maple, Beech, Cherry Association	Sawtimber Poor	8.9	77	51-80	N/A	2024: r maple stump sprouts 8-10" tall. advanced h maple saplings 20' +. scattered y birch 2014: very low quality r maple with associated fir. rock outcrop throughout. cut in 2019																																														
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Sugar Maple</td> <td>50</td> <td>Log/Pole</td> <td>12</td> <td>77</td> </tr> <tr> <td>Red Maple</td> <td>40</td> <td>Log/Pole</td> <td>11</td> <td></td> </tr> <tr> <td>Yellow Birch</td> <td>10</td> <td>Pole</td> <td>8</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Sugar Maple	50	Log/Pole	12	77	Red Maple	40	Log/Pole	11		Yellow Birch	10	Pole	8		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Sugar Maple</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Quaking Aspen</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>White Spruce</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>High</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Sugar Maple	Medium	10 - 20 feet	Sapling	Quaking Aspen	Medium	5 - 10 feet	Sapling	White Spruce	Low	5 - 10 feet	Sapling	Red Maple	High	5 - 10 feet	Sapling										
Canopy Species	% Cover	Size Class	DBH	Age																																																	
Sugar Maple	50	Log/Pole	12	77																																																	
Red Maple	40	Log/Pole	11																																																		
Yellow Birch	10	Pole	8																																																		
Sub-Canopy Species	Density	Avg. Height	Size																																																		
Sugar Maple	Medium	10 - 20 feet	Sapling																																																		
Quaking Aspen	Medium	5 - 10 feet	Sapling																																																		
White Spruce	Low	5 - 10 feet	Sapling																																																		
Red Maple	High	5 - 10 feet	Sapling																																																		



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																								
42	4134 - Aspen, Spruce/Fir	Sapling Well	91.6	11	Immature	N/A	scattered h maple sapling component																																																																								
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>65</td> <td>Sapling</td> <td>2</td> <td>11</td> </tr> <tr> <td>Balsam Fir</td> <td>30</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Black Cherry</td> <td>5</td> <td>Pole/Sapling</td> <td>7</td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	65	Sapling	2	11	Balsam Fir	30	Pole/Sapling	5		Black Cherry	5	Pole/Sapling	7																																																					
Canopy Species	% Cover	Size Class	DBH	Age																																																																											
Quaking Aspen	65	Sapling	2	11																																																																											
Balsam Fir	30	Pole/Sapling	5																																																																												
Black Cherry	5	Pole/Sapling	7																																																																												
43	6225 - Bog	Nonstocked	10.4		Unspecified	No																																																																									
44	6220 - Alder/willow	Nonstocked	2.5	0	Unspecified	No																																																																									
47	4134 - Aspen, Spruce/Fir	Sapling Well	69.6	4	Immature	N/A	cut 2019 with treatment in draft treatment notes. stand is regenerating well to a good mix of species																																																																								
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>5</td> <td>XLog</td> <td>18</td> <td></td> <td>Sugar Maple</td> <td>High</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Black Cherry</td> <td>5</td> <td>Pole</td> <td>7</td> <td></td> <td>Hazelnut (Beaked)</td> <td>Medium</td> <td>&lt; 5 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>White Pine</td> <td>5</td> <td>XLog</td> <td>26</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Red Maple</td> <td>5</td> <td>Sapling</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>60</td> <td>Sapling</td> <td>1</td> <td>4</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>White Spruce</td> <td>10</td> <td>Sapling</td> <td>4</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>10</td> <td>Sapling</td> <td>4</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	Red Pine	5	XLog	18		Sugar Maple	High	5 - 10 feet	Sapling	Black Cherry	5	Pole	7		Hazelnut (Beaked)	Medium	< 5 feet	Tall Shrub	White Pine	5	XLog	26						Red Maple	5	Sapling	1						Quaking Aspen	60	Sapling	1	4					White Spruce	10	Sapling	4						Balsam Fir	10	Sapling	4					
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size																																																																							
Red Pine	5	XLog	18		Sugar Maple	High	5 - 10 feet	Sapling																																																																							
Black Cherry	5	Pole	7		Hazelnut (Beaked)	Medium	< 5 feet	Tall Shrub																																																																							
White Pine	5	XLog	26																																																																												
Red Maple	5	Sapling	1																																																																												
Quaking Aspen	60	Sapling	1	4																																																																											
White Spruce	10	Sapling	4																																																																												
Balsam Fir	10	Sapling	4																																																																												
48	623 - Emergent Wetland	Nonstocked	3.3		Unspecified	No	lowland/vernal inclusions within previous clear cut - swamp grass - seasonally flooded. good buffers applied during cut, residual aspen/fir at edges																																																																								
49	4134 - Aspen, Spruce/Fir	Poletimber Well	99.6	42	Unspecified	N/A	aspen 6 - 8" dbh with scattered 12" trees, mainly along edges. dense spruce/fir throughout. r maple very low quality. w pine prevalent in E end. good distribution of spruce/fir throughout. aspen averages 8-9" dbh, needs another growing cycle for diameter growth.																																																																								
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>5</td> <td>Pole/Log</td> <td>10</td> <td></td> <td>Balsam Fir</td> <td>High</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Paper Birch</td> <td>2</td> <td>Pole</td> <td>7</td> <td></td> <td>Red Maple</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Quaking Aspen</td> <td>60</td> <td>Pole</td> <td>8</td> <td>42</td> <td>Hazelnut (Beaked)</td> <td>Full</td> <td>&lt; 5 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>White Spruce</td> <td>10</td> <td>Pole</td> <td>6</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>White Pine</td> <td>3</td> <td>Log</td> <td>18</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>20</td> <td>Pole</td> <td>6</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	5	Pole/Log	10		Balsam Fir	High	10 - 20 feet	Sapling	Paper Birch	2	Pole	7		Red Maple	Low	10 - 20 feet	Sapling	Quaking Aspen	60	Pole	8	42	Hazelnut (Beaked)	Full	< 5 feet	Tall Shrub	White Spruce	10	Pole	6						White Pine	3	Log	18						Balsam Fir	20	Pole	6														
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size																																																																							
Red Maple	5	Pole/Log	10		Balsam Fir	High	10 - 20 feet	Sapling																																																																							
Paper Birch	2	Pole	7		Red Maple	Low	10 - 20 feet	Sapling																																																																							
Quaking Aspen	60	Pole	8	42	Hazelnut (Beaked)	Full	< 5 feet	Tall Shrub																																																																							
White Spruce	10	Pole	6																																																																												
White Pine	3	Log	18																																																																												
Balsam Fir	20	Pole	6																																																																												
50	6120 - Lowland Cedar	Poletimber Poor	28.4	120	Unspecified	N/A	areas fairly open with thick alder. seasonally ponded. intermittant drainage runs S through stand. S end heavier to tamarack/ b spruce																																																																								
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Northern White Cedar</td> <td>60</td> <td>Log</td> <td>14</td> <td>120</td> <td>Balsam Fir</td> <td>High</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Tamarack</td> <td>20</td> <td>Pole</td> <td>9</td> <td></td> <td>Tag Alder</td> <td>Full</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Black Spruce</td> <td>20</td> <td>Pole</td> <td>9</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	Northern White Cedar	60	Log	14	120	Balsam Fir	High	5 - 10 feet	Sapling	Tamarack	20	Pole	9		Tag Alder	Full	5 - 10 feet	Tall Shrub	Black Spruce	20	Pole	9																																									
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size																																																																							
Northern White Cedar	60	Log	14	120	Balsam Fir	High	5 - 10 feet	Sapling																																																																							
Tamarack	20	Pole	9		Tag Alder	Full	5 - 10 feet	Tall Shrub																																																																							
Black Spruce	20	Pole	9																																																																												



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																							
51	6122 - Black Spruce	Poletimber Well	13.4	63	Unspecified	N/A	good mix lowland conifer. b spruce 4 - 8"dbh. slightly drier lowland type - little spring run off ponded water																																																							
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Paper Birch</td> <td>2</td> <td>Sapling/Pole</td> <td>5</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>5</td> <td>Sapling/Pole</td> <td>5</td> <td></td> </tr> <tr> <td>Black Spruce</td> <td>80</td> <td>Pole</td> <td>7</td> <td>63</td> </tr> <tr> <td>Northern White Cedar</td> <td>3</td> <td>Log</td> <td>12</td> <td></td> </tr> <tr> <td>Tamarack</td> <td>10</td> <td>Pole</td> <td>8</td> <td>82</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Paper Birch	2	Sapling/Pole	5		Balsam Fir	5	Sapling/Pole	5		Black Spruce	80	Pole	7	63	Northern White Cedar	3	Log	12		Tamarack	10	Pole	8	82	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>High</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Tag Alder</td> <td>High</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	High	5 - 10 feet	Sapling	Tag Alder	High	5 - 10 feet	Tall Shrub																	
Canopy Species	% Cover	Size Class	DBH	Age																																																										
Paper Birch	2	Sapling/Pole	5																																																											
Balsam Fir	5	Sapling/Pole	5																																																											
Black Spruce	80	Pole	7	63																																																										
Northern White Cedar	3	Log	12																																																											
Tamarack	10	Pole	8	82																																																										
Sub-Canopy Species	Density	Avg. Height	Size																																																											
Balsam Fir	High	5 - 10 feet	Sapling																																																											
Tag Alder	High	5 - 10 feet	Tall Shrub																																																											
52	42210 - Natural Red Pine	Sawtimber Well	2.3	82	111-140	N/A	well formed r pine sawtimber. areas thicker to fir/r maple in understory. scattered w birch. stand is entirely on steep hill and ridges.																																																							
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Paper Birch</td> <td>5</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>85</td> <td>Log</td> <td>14</td> <td>82</td> </tr> <tr> <td>White Pine</td> <td>10</td> <td>Log</td> <td>16</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Paper Birch	5	Pole	8		Red Pine	85	Log	14	82	White Pine	10	Log	16		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Black Cherry</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Medium	5 - 10 feet	Sapling	Black Cherry	Medium	5 - 10 feet	Sapling	Balsam Fir	Medium	5 - 10 feet	Sapling																							
Canopy Species	% Cover	Size Class	DBH	Age																																																										
Paper Birch	5	Pole	8																																																											
Red Pine	85	Log	14	82																																																										
White Pine	10	Log	16																																																											
Sub-Canopy Species	Density	Avg. Height	Size																																																											
Red Maple	Medium	5 - 10 feet	Sapling																																																											
Black Cherry	Medium	5 - 10 feet	Sapling																																																											
Balsam Fir	Medium	5 - 10 feet	Sapling																																																											
53	4130 - Aspen	Sapling Well	18.4	26	Unspecified	N/A	aspen 20 - 25' tall with r maple saplings. thick hazel/raspberry in areas. spruce/fir saplings throughout. scattered trees just moving into poletimber size class.																																																							
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>3</td> <td>Log</td> <td>16</td> <td></td> </tr> <tr> <td>White Pine</td> <td>2</td> <td>Log</td> <td>16</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>5</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>20</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>65</td> <td>Sapling/Pole</td> <td>4</td> <td>26</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Pine	3	Log	16		White Pine	2	Log	16		Balsam Fir	5	Pole/Sapling	5		Red Maple	20	Sapling	2		Paper Birch	5	Sapling/Pole	4		Quaking Aspen	65	Sapling/Pole	4	26	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Wild Red Raspberry</td> <td>High</td> <td>&lt; 5 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>&lt; 5 feet</td> <td>Sapling</td> </tr> <tr> <td>White Spruce</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Hazelnut (Beaked)</td> <td>Full</td> <td>&lt; 5 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Wild Red Raspberry	High	< 5 feet	Tall Shrub	White Pine	Low	< 5 feet	Sapling	White Spruce	Medium	5 - 10 feet	Sapling	Balsam Fir	Medium	5 - 10 feet	Sapling	Hazelnut (Beaked)	Full	< 5 feet	Tall Shrub
Canopy Species	% Cover	Size Class	DBH	Age																																																										
Red Pine	3	Log	16																																																											
White Pine	2	Log	16																																																											
Balsam Fir	5	Pole/Sapling	5																																																											
Red Maple	20	Sapling	2																																																											
Paper Birch	5	Sapling/Pole	4																																																											
Quaking Aspen	65	Sapling/Pole	4	26																																																										
Sub-Canopy Species	Density	Avg. Height	Size																																																											
Wild Red Raspberry	High	< 5 feet	Tall Shrub																																																											
White Pine	Low	< 5 feet	Sapling																																																											
White Spruce	Medium	5 - 10 feet	Sapling																																																											
Balsam Fir	Medium	5 - 10 feet	Sapling																																																											
Hazelnut (Beaked)	Full	< 5 feet	Tall Shrub																																																											
54	6122 - Black Spruce	Poletimber Medium	24.0	69	Unspecified	N/A	bog b spruce - shorter 3 stick club topped trees with more open canopy. open bog inclusion along S edge - swamp grass, leatherleaf, lab tea, bog rosemary. poorer site - high water table, stunted trees non productive forest land.  N end of stand better quality b spruce - true quality b spruce swamp - nearly closed canopy with sphagnum and good poletimber 4 - 8" dbh. widely scattered 12" trees. small area in overall stand																																																							
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black Spruce</td> <td>90</td> <td>Pole/Sapling</td> <td>5</td> <td>69</td> </tr> <tr> <td>Northern White Cedar</td> <td>5</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Tamarack</td> <td>5</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black Spruce	90	Pole/Sapling	5	69	Northern White Cedar	5	Pole	8		Tamarack	5	Pole/Sapling	5		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black Spruce</td> <td>Medium</td> <td>&lt; 5 feet</td> <td>Sapling</td> </tr> <tr> <td>Tag Alder</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Black Spruce	Medium	< 5 feet	Sapling	Tag Alder	Low	5 - 10 feet	Tall Shrub																											
Canopy Species	% Cover	Size Class	DBH	Age																																																										
Black Spruce	90	Pole/Sapling	5	69																																																										
Northern White Cedar	5	Pole	8																																																											
Tamarack	5	Pole/Sapling	5																																																											
Sub-Canopy Species	Density	Avg. Height	Size																																																											
Black Spruce	Medium	< 5 feet	Sapling																																																											
Tag Alder	Low	5 - 10 feet	Tall Shrub																																																											
55	4199 - Other Mixed Upland Deciduous	Sapling Medium	11.3	4	1-50	N/A	regenerating with well stocked aspen in most areas mixed with lower stocking where aspen was not as prevalent in the original stand. good mix of aspen, r maple, cherry and conifer																																																							
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Paper Birch</td> <td>10</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>5</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>35</td> <td>Sapling</td> <td>1</td> <td>4</td> </tr> <tr> <td>White Spruce</td> <td>5</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Black Cherry</td> <td>5</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>35</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>White Pine</td> <td>5</td> <td>XLog</td> <td>26</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Paper Birch	10	Sapling	1		Balsam Fir	5	Sapling	2		Quaking Aspen	35	Sapling	1	4	White Spruce	5	Sapling	2		Black Cherry	5	Pole	8		Red Maple	35	Sapling	1		White Pine	5	XLog	26		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Hazelnut (Beaked)</td> <td>Medium</td> <td>&lt; 5 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>&lt; 5 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Full</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Hazelnut (Beaked)	Medium	< 5 feet	Tall Shrub	White Pine	Low	< 5 feet	Sapling	Red Maple	Full	10 - 20 feet	Sapling			
Canopy Species	% Cover	Size Class	DBH	Age																																																										
Paper Birch	10	Sapling	1																																																											
Balsam Fir	5	Sapling	2																																																											
Quaking Aspen	35	Sapling	1	4																																																										
White Spruce	5	Sapling	2																																																											
Black Cherry	5	Pole	8																																																											
Red Maple	35	Sapling	1																																																											
White Pine	5	XLog	26																																																											
Sub-Canopy Species	Density	Avg. Height	Size																																																											
Hazelnut (Beaked)	Medium	< 5 feet	Tall Shrub																																																											
White Pine	Low	< 5 feet	Sapling																																																											
Red Maple	Full	10 - 20 feet	Sapling																																																											



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																							
<b>57</b>	6120 - Lowland Cedar	Poletimber Medium	13.4	130	Unspecified	N/A	larger cedar with tag alder. b spruce, tamarack component, drainage running S																																																							
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black Spruce</td> <td>20</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Tamarack</td> <td>10</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>55</td> <td>Log</td> <td>14</td> <td>130</td> </tr> <tr> <td>White Pine</td> <td>5</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>10</td> <td>Pole</td> <td>7</td> <td>60</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black Spruce	20	Pole	7		Tamarack	10	Pole	7		Northern White Cedar	55	Log	14	130	White Pine	5	Log	14		Balsam Fir	10	Pole	7	60	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>High</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	High	5 - 10 feet	Tall Shrub	Balsam Fir	Medium	10 - 20 feet	Sapling																	
Canopy Species	% Cover	Size Class	DBH	Age																																																										
Black Spruce	20	Pole	7																																																											
Tamarack	10	Pole	7																																																											
Northern White Cedar	55	Log	14	130																																																										
White Pine	5	Log	14																																																											
Balsam Fir	10	Pole	7	60																																																										
Sub-Canopy Species	Density	Avg. Height	Size																																																											
Tag Alder	High	5 - 10 feet	Tall Shrub																																																											
Balsam Fir	Medium	10 - 20 feet	Sapling																																																											
<b>58</b>	42330 - Upland Fir	Poletimber Poor	4.9	46	Unspecified	N/A	fairly open fir 6 - 12" dbh. low quality r maple 12" and larger. scattered upland cedar. appears aspen was cut out of stand in the past and a well stocked conifer component was left. appears to have shaded out aspen regen in the past. areas now dense to fir F6F3. w pine prevalent in W end																																																							
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>20</td> <td>Log</td> <td>12</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>3</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>12</td> <td>Log</td> <td>12</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>60</td> <td>Pole</td> <td>6</td> <td>46</td> </tr> <tr> <td>White Pine</td> <td>2</td> <td>XLog</td> <td>26</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>3</td> <td>Pole</td> <td>8</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	20	Log	12		Paper Birch	3	Sapling/Pole	4		Balsam Fir	12	Log	12		Balsam Fir	60	Pole	6	46	White Pine	2	XLog	26		Northern White Cedar	3	Pole	8		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Hazelnut (Beaked)</td> <td>Full</td> <td>&lt; 5 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Quaking Aspen</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Black Cherry</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Hazelnut (Beaked)	Full	< 5 feet	Tall Shrub	White Pine	Low	5 - 10 feet	Sapling	Red Maple	Medium	5 - 10 feet	Sapling	Quaking Aspen	Low	5 - 10 feet	Sapling	Black Cherry	Medium	5 - 10 feet	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																																										
Red Maple	20	Log	12																																																											
Paper Birch	3	Sapling/Pole	4																																																											
Balsam Fir	12	Log	12																																																											
Balsam Fir	60	Pole	6	46																																																										
White Pine	2	XLog	26																																																											
Northern White Cedar	3	Pole	8																																																											
Sub-Canopy Species	Density	Avg. Height	Size																																																											
Hazelnut (Beaked)	Full	< 5 feet	Tall Shrub																																																											
White Pine	Low	5 - 10 feet	Sapling																																																											
Red Maple	Medium	5 - 10 feet	Sapling																																																											
Quaking Aspen	Low	5 - 10 feet	Sapling																																																											
Black Cherry	Medium	5 - 10 feet	Sapling																																																											
<b>59</b>	6121 - Tamarack	Sapling Well	18.6	4	Immature	N/A	2026: tamarack regeneration, with scattered small b spruce, residual cedar. winter deer use of high ground islands 2016: well formed tamarack with good diameters 6 - 10" dbh, 12" diameters in S end. cut winter 2020																																																							
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Northern White Cedar</td> <td>5</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Black Spruce</td> <td>10</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Tamarack</td> <td>80</td> <td>Sapling</td> <td>1</td> <td>4</td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Northern White Cedar	5	Pole	8		Black Spruce	10	Sapling	2		Tamarack	80	Sapling	1	4	Paper Birch	5	Pole/Sapling	6		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>High</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	High	5 - 10 feet	Tall Shrub																										
Canopy Species	% Cover	Size Class	DBH	Age																																																										
Northern White Cedar	5	Pole	8																																																											
Black Spruce	10	Sapling	2																																																											
Tamarack	80	Sapling	1	4																																																										
Paper Birch	5	Pole/Sapling	6																																																											
Sub-Canopy Species	Density	Avg. Height	Size																																																											
Tag Alder	High	5 - 10 feet	Tall Shrub																																																											
<b>60</b>	500 - Water	Nonstocked	10.0		Unspecified	No	Premo Lake - bog lake																																																							
<b>61</b>	6121 - Tamarack	Poletimber Poor	26.3	65	Unspecified	N/A	conifer swamp along edge of Premo Lake. heavy leatherleaf/swamp grass immediate to lake edge. very wet - some tamarack/ b spruce mortality to shallow organic soil to water																																																							
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black Spruce</td> <td>30</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Tamarack</td> <td>60</td> <td>Pole</td> <td>6</td> <td>65</td> </tr> <tr> <td>Northern White Cedar</td> <td>10</td> <td>Log</td> <td>12</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black Spruce	30	Pole/Sapling	5		Tamarack	60	Pole	6	65	Northern White Cedar	10	Log	12		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Black Spruce</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Medium	5 - 10 feet	Tall Shrub	Black Spruce	Medium	10 - 20 feet	Sapling																											
Canopy Species	% Cover	Size Class	DBH	Age																																																										
Black Spruce	30	Pole/Sapling	5																																																											
Tamarack	60	Pole	6	65																																																										
Northern White Cedar	10	Log	12																																																											
Sub-Canopy Species	Density	Avg. Height	Size																																																											
Tag Alder	Medium	5 - 10 feet	Tall Shrub																																																											
Black Spruce	Medium	10 - 20 feet	Sapling																																																											
<b>62</b>	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	69.2	87	Unspecified	N/A	very wet - standing water. heavier stocking to cedar along W end. S end higher % of tamarack groves with heavy alder between. drainage/small creek runs through center of stand - running SSW into Premo Lake																																																							
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black Spruce</td> <td>30</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>20</td> <td>Pole</td> <td>9</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> <tr> <td>Tamarack</td> <td>45</td> <td>Pole</td> <td>8</td> <td>87</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black Spruce	30	Pole	7		Northern White Cedar	20	Pole	9		Paper Birch	5	Pole/Sapling	6		Tamarack	45	Pole	8	87	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>High</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Tamarack</td> <td>High</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	High	5 - 10 feet	Sapling	Tamarack	High	5 - 10 feet	Tall Shrub																						
Canopy Species	% Cover	Size Class	DBH	Age																																																										
Black Spruce	30	Pole	7																																																											
Northern White Cedar	20	Pole	9																																																											
Paper Birch	5	Pole/Sapling	6																																																											
Tamarack	45	Pole	8	87																																																										
Sub-Canopy Species	Density	Avg. Height	Size																																																											
Balsam Fir	High	5 - 10 feet	Sapling																																																											
Tamarack	High	5 - 10 feet	Tall Shrub																																																											





Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
-------	--------------------	--------------	-------	-----------	----------	--------------	------------------

**63** 6124 - Lowland Spruce-Fir Poletimber Well 8.2 35 Unspecified N/A heavy tag alder in areas. wet - rocks holding water and muck soil

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	40	Pole/Sapling	5	35	Tag Alder	High	5 - 10 feet	Tall Shrub
White Spruce	30	Pole/Log	9		Balsam Fir	Full	5 - 10 feet	Sapling
Black Ash	10	Pole	6					
Northern White Cedar	15	Log/Pole	10					
Red Maple	2	Pole	8					
Paper Birch	3	Log/Pole	10					

**64** 6119 - Mixed Lowland Deciduous Forest Poletimber Well 5.2 67 51-80 N/A b ash swales

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	15	Pole/Sapling	5		Balsam Fir	High	5 - 10 feet	Sapling
Red Maple	30	Log/Pole	10					
Yellow Birch	5	Pole	6					
Black Ash	40	Pole	6	67				
Quaking Aspen	10	Log	10	74				

**65** 500 - Water Nonstocked 7.9 Unspecified No Hemlock River

**67** 4130 - Aspen Sapling Well 8.9 4 Immature N/A successful aspen regeneration with associated spruce/fir residual, and scattered w birch. small lowland b spruce inclusion.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	5	Pole/Sapling	6		Balsam Fir	High	5 - 10 feet	Sapling
Quaking Aspen	85	Sapling	1	4				
Balsam Fir	10	Sapling/Pole	3					

**68** 4134 - Aspen, Spruce/Fir Poletimber Well 21.9 36 Unspecified N/A aspen 4-7" with occasional 8-9" component. stand just on edge of sapling/poletimber size. associated fir throughout with areas of dense pockets.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	50	Pole/Sapling	6	36	White Spruce	Low	< 5 feet	Sapling
Red Maple	5	Sapling/Pole	3		Balsam Fir	High	10 - 20 feet	Sapling
Black Cherry	10	Sapling/Pole	4		Hazelnut (Beaked)	High	< 5 feet	Tall Shrub
Balsam Fir	35	Pole/Sapling	5					