



# Compartment Review Presentation

## Crystal Falls Forest Management Unit

Compartment 12106

Entry Year 2021

Acreage: 1,758

County Dickinson

Management Area: Cassidy Creek

---

**Revision Date:** 2019-07-31

**Stand Examiner:** Rich Goupell

**Legal Description:**

Township 40N Range 29W Sections 13,14,23,24,25,26,35 and 36

**Identified Planning Goals:**

Manage stands in a sustainable manner while promoting diversity and quality. Protect all water bodies through proper BMP's

**Soil and topography:**

Mostly level to rolling terrain with some Carbondale and Cathro mucks found in the lowland areas. Scattered rock outcrops can be found through out the Compartment.

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

Small private block in the middle of the compartment with the Compartment butting up to private along the south.

**Unique Natural Features:**

Cassidy Creek and Black Creek.

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

There is an old CCC camp in the southeast part of the Compartment.

**Special Management Designations or Considerations:**

Hunter walking trails, orv trails

**Watershed and Fisheries Considerations:**

This compartment contains Cassidy Creek, Black Creek, and a tributary to Fern Creek. This portion of Cassidy Creek is not a designated trout stream. The tributary to Fern Creek is a Type 1 trout stream less than 50's in width. 300' buffers are recommended for these waterbodies susceptible to Aspen regeneration. For areas not susceptible to Aspen regeneration, 100' plus 5' per 1% increase in slope; buffers are recommended to protect these areas in accordance with Best Management Practices. For Cassidy Creek and Black Creek, 100' plus 5' per 1% increase in slope; buffers are recommended for all waterbodies in accordance with BMPs.

**Wildlife Habitat Considerations:**

Hunter walking trail in northern portion of compartment. The combination of lowland E-types throughout rocky high ground creates great bear habitat. Small aspen cuts with age class diversity and a spruce/fir component is crucial to sustain good grouse and hare numbers in this area. Area is also used by goshawks. Much of the compartment is comprised of state game purchased lands.

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

Active sand/gravel pits are located one mile to the east and southeast. There could be some gravel potential within the compartment, but glacial sediments in this area appear to contain significant amounts of clay and bedrock is close to the surface here. Abandoned iron mines around Norway are located two miles to the southwest. There is no known iron ore potential within the compartment, but there may be potential for other metallic minerals. Part of the compartment was previously leased for metallic mineral exploration, but there was no known development or exploration within the compartment. There is no known potential for economic hydrocarbon production in the UP. The state does not own all mineral rights within the compartment. Because the mineral estate is the dominant estate, reasonable access to the surface must be provided to private owners if they choose to explore or develop their mineral rights.

**Vehicle Access:**

The main access is from the Norway Truck trail which makes up the west boundary of the compartment and Cassidy Creek Road. There are some woods road/trails within the compartment.

**Survey Needs:**

Some corners may be needed.

**Recreational Facilities and Opportunities:**

Hunter walking trail, ORV and snowmobile trails. Hunting, fishing and trapping.

**Fire Protection:**

Norway protection area.

**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**

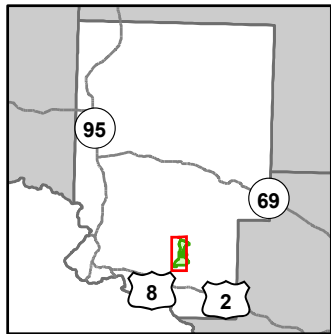
The following information is displayed, where pertinent, on the attached compartment maps:

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

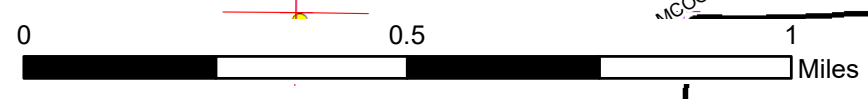
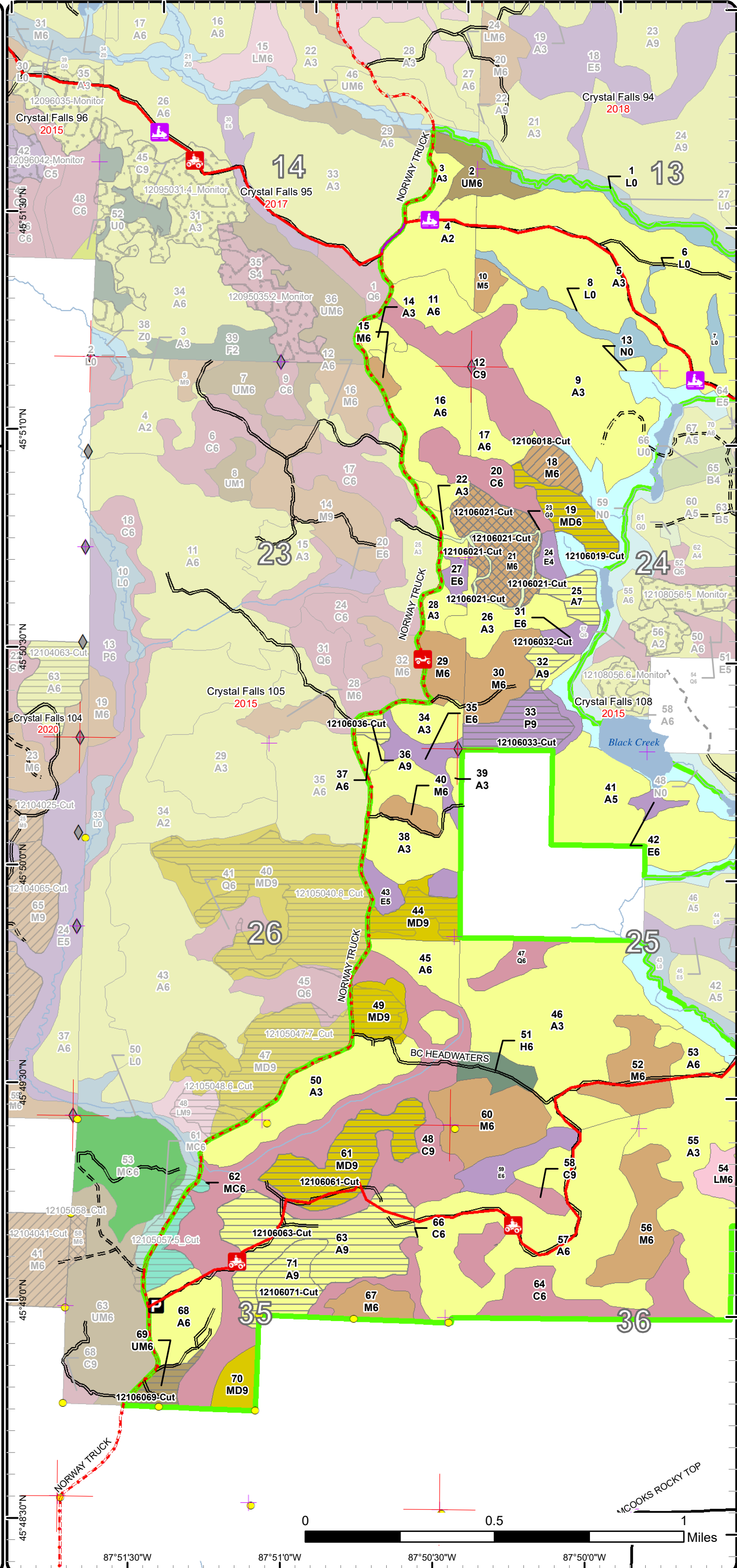


# Cover Type & Treatments Map

Compartment: 106  
 T40N, R29W, Sec. 13, 14, 23-26, 35, 36  
 County: Dickinson  
 Unit: Crystal Falls  
 Mgmt Area: Cassidy Creek  
 YOE: 2021  
 Acres: 1,758 GIS Calculated  
 Examiner: Rich Goupell  
 Map Revised: 1/27/2020  
 Map Phase: Post-Review



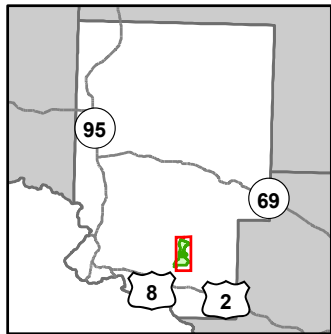
- Miris Corners
- Remonumented Section Corners
- Survey Grade Corners
- Field Grade Corners
- Counties
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- Private - Dirt / Gravel Road
- ORV Trails
- ORV Routes
- Snowmobile Trails
- Designated ATV
- Designated ORV Route
- Designated Snowmobile Trails
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Parking Lot
- Compartment Boundary
- Selection (Group, Single Tree)
- Clearcut (w/Reserves)
- Thinning (Crown, Low, Systematic)
- 411 - Northern Hardwood
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 310 - Herbaceous Openland
- 622 - Lowland Shrub
- 623 - Emergent Wetland



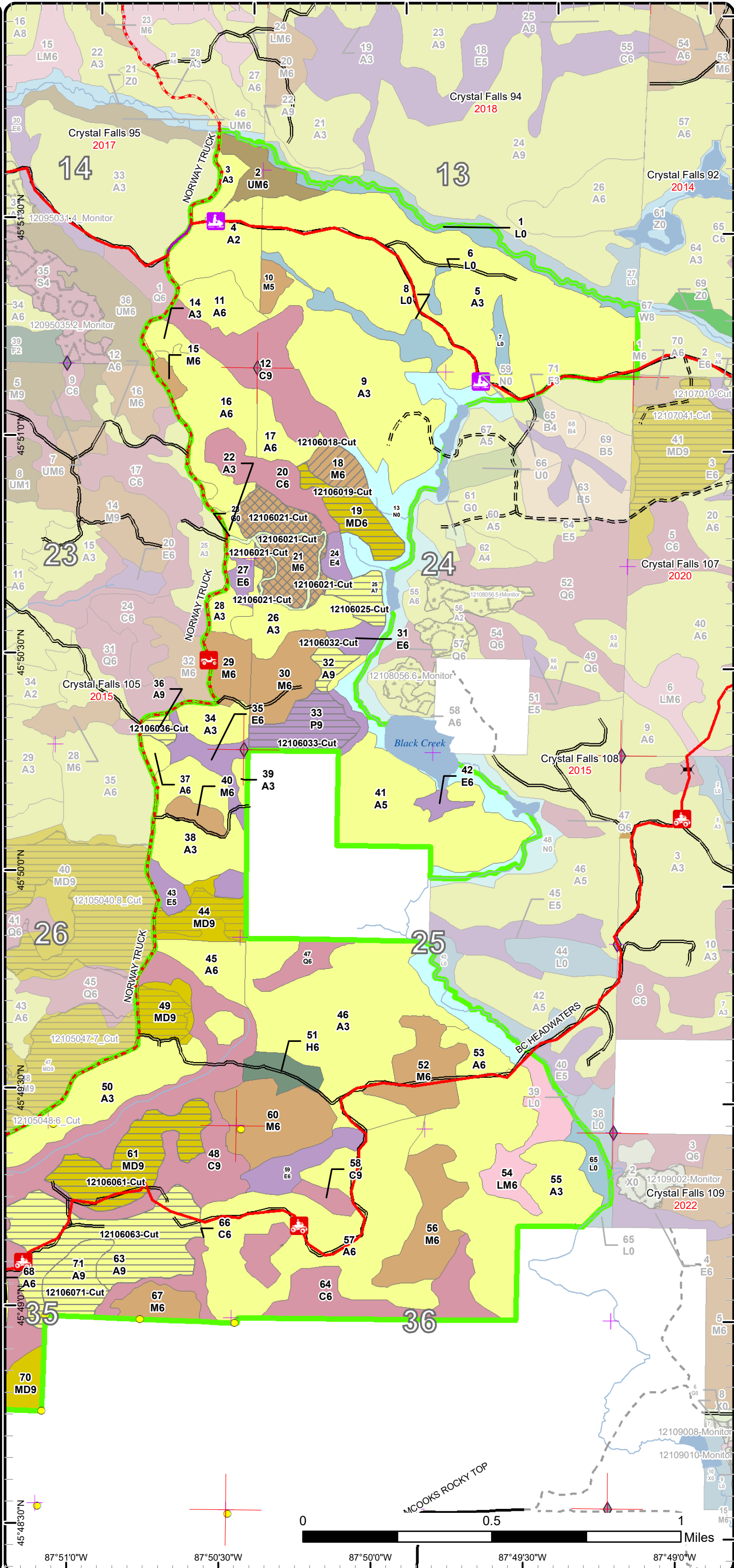
45°48'30"N 87°51'30"W 87°51'0"W 87°50'30"W 87°50'0"W

# Cover Type & Treatments Map

Compartment: 106  
 T40N, R29W, Sec. 13, 14, 23-26, 35, 36  
 County: Dickinson  
 Unit: Crystal Falls  
 Mgmt Area: Cassidy Creek  
 YOE: 2021  
 Acres: 1,758 GIS Calculated  
 Examiner: Rich Goupell  
 Map Revised: 1/27/2020  
 Map Phase: Post-Review

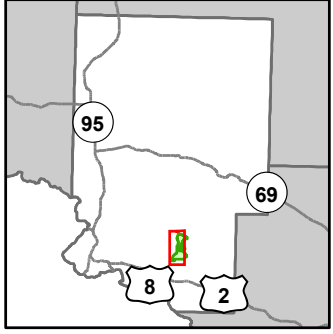


- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- ◆ Field Grade Corners
- Counties
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- - - County - Gravel Road
- - - Private - Dirt / Gravel Road
- 🚙 ORV Trails
- 🚙 ORV Routes
- 🚙 Snowmobile Trails
- Designated ATV
- - - Designated ORV Route
- Designated Snowmobile Trails
- Island in Lake or River
- Lake/Pond
- Perennial River
- Lakes and Rivers
- ▲ Berms
- Bridges
- Compartment Boundary
- ▨ Selection (Group, Single Tree)
- ▨ Clearcut (w/Reserves)
- ▨ Thinning (Crown, Low, Systematic)
- 411 - Northern Hardwood
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 423 - Other Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 310 - Herbaceous Openland
- 622 - Lowland Shrub
- 623 - Emergent Wetland

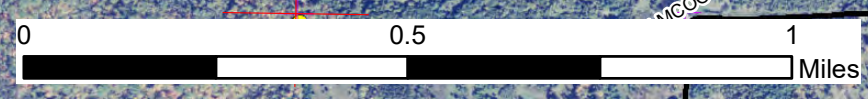
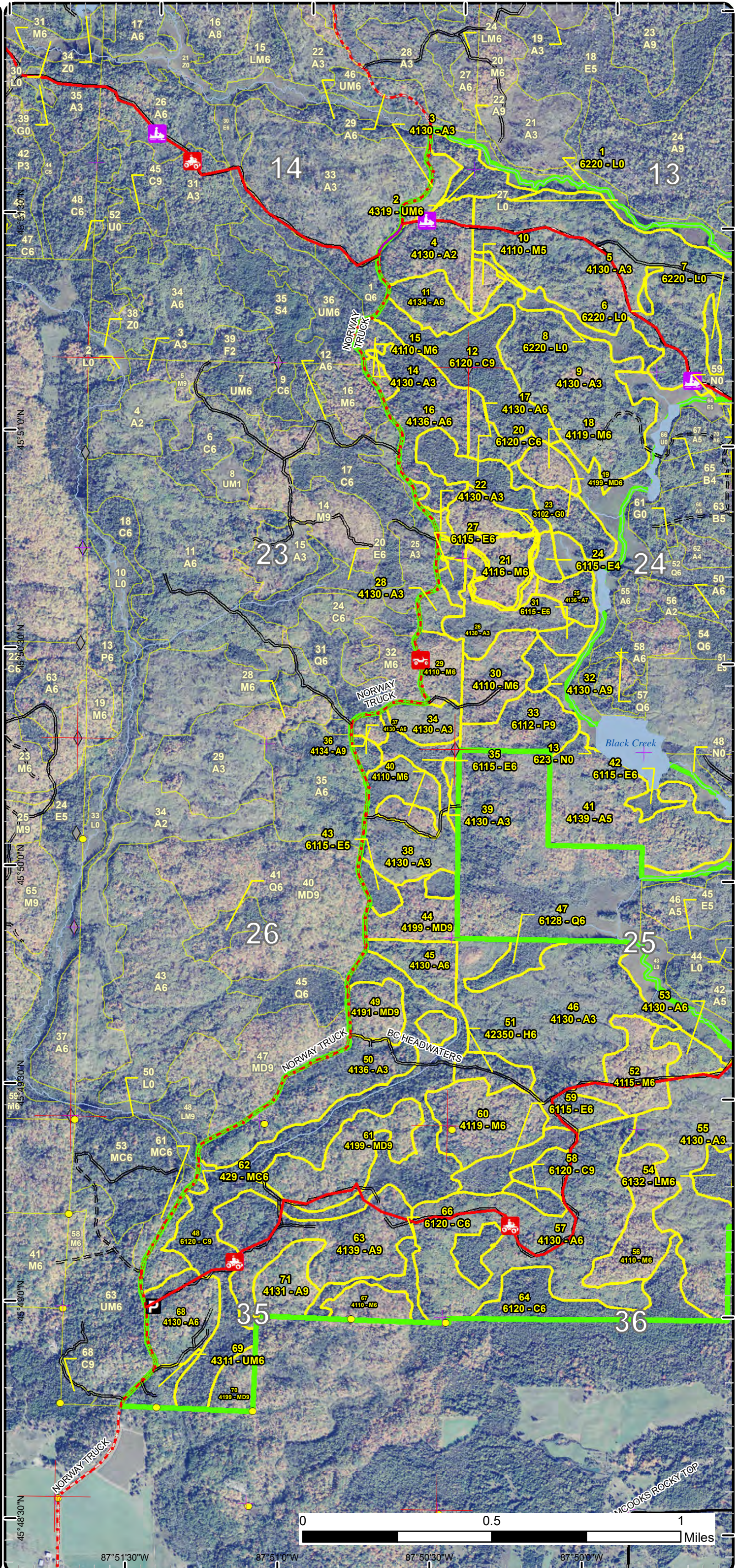


# Stand Boundary Map

Compartment: 106  
 T40N, R29W, Sec. 13, 14, 23-26, 35, 36  
 County: Dickinson  
 Unit: Crystal Falls  
 Mgmt Area: Cassidy Creek  
 YOE: 2021  
 Acres: 1,758 GIS Calculated  
 Examiner: Rich Goupell  
 Map Revised: 1/27/2020  
 Map Phase: Post-Review



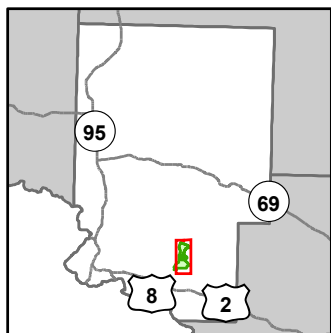
- Miris Corners
- Remonumented Section Corners
- Survey Grade Corners
- Field Grade Corners
- Counties
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- Private - Dirt / Gravel Road
- ORV Trails
- ORV Routes
- Snowmobile Trails
- Designated ATV
- Designated ORV Route
- Designated Snowmobile Trails
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Parking Lot
- Compartment Boundary
- Stand Boundaries
- 411 - Northern Hardwood
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 310 - Herbaceous Openland
- 622 - Lowland Shrub
- 623 - Emergent Wetland



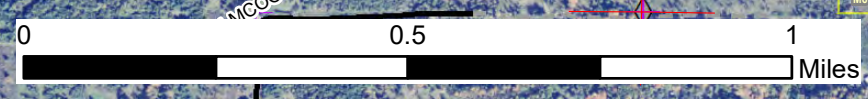
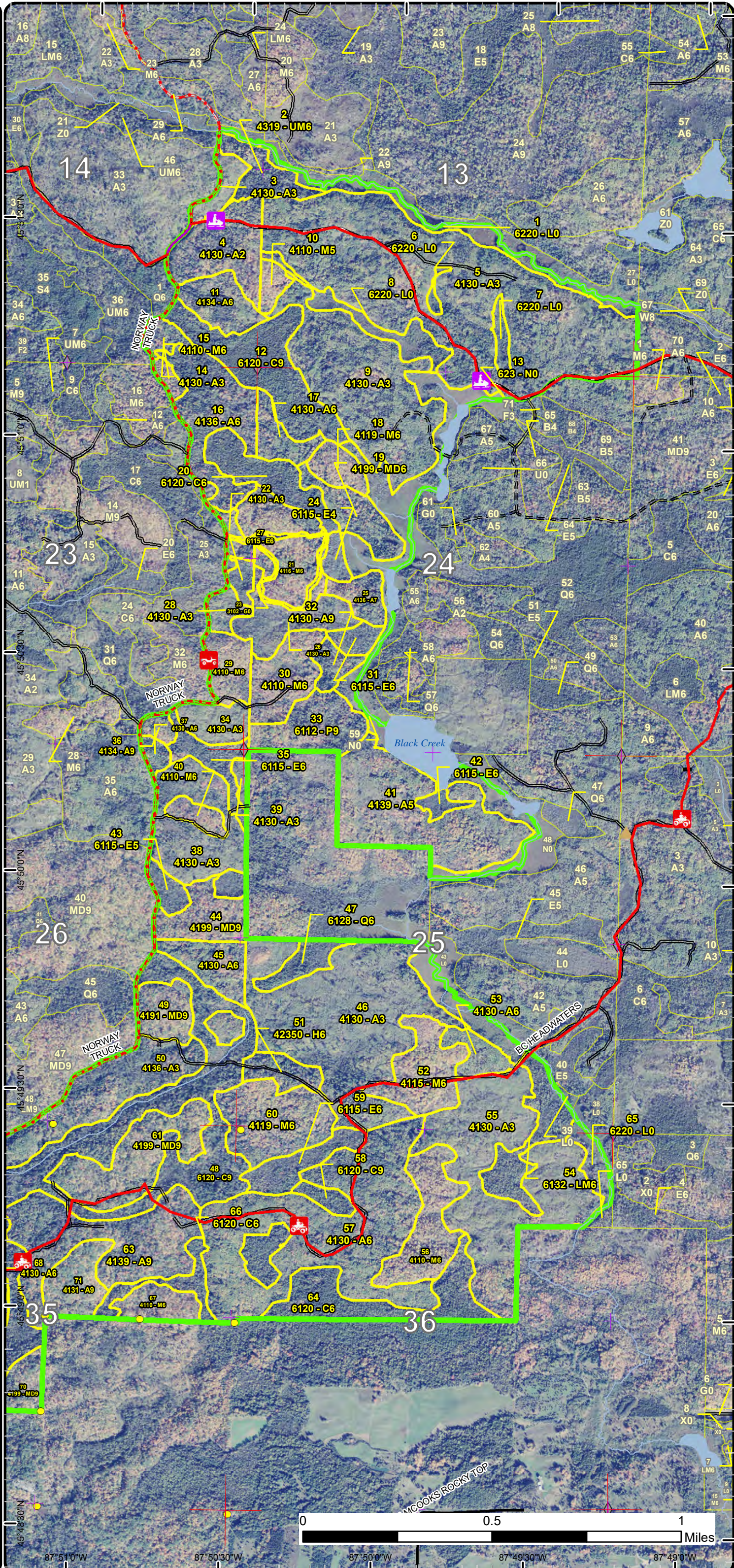
45° 48' 30" N 87° 51' 30" W 87° 51' 0" W 87° 50' 30" W 87° 50' 0" W

# Stand Boundary Map

Compartment: 106  
 T40N, R29W, Sec. 13, 14, 23-26, 35, 36  
 County: Dickinson  
 Unit: Crystal Falls  
 Mgmt Area: Cassidy Creek  
 YOE: 2021  
 Acres: 1,758 GIS Calculated  
 Examiner: Rich Goupell  
 Map Revised: 1/27/2020  
 Map Phase: Post-Review



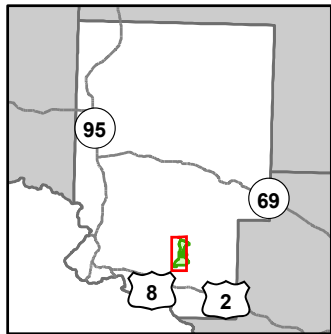
- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- ◆ Field Grade Corners
- Counties
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- Private - Dirt / Gravel Road
- 🚙 ORV Trails
- 🚙 ORV Routes
- 🚙 Snowmobile Trails
- Designated ATV
- Designated ORV Route
- Designated Snowmobile Trails
- Island in Lake or River
- Lake/Pond
- Perennial River
- Lakes and Rivers
- ▲ Berms
- Bridges
- Compartment Boundary
- Stand Boundaries
- 411 - Northern Hardwood
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 423 - Other Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 310 - Herbaceous Openland
- 622 - Lowland Shrub
- 623 - Emergent Wetland



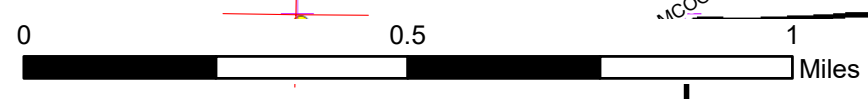
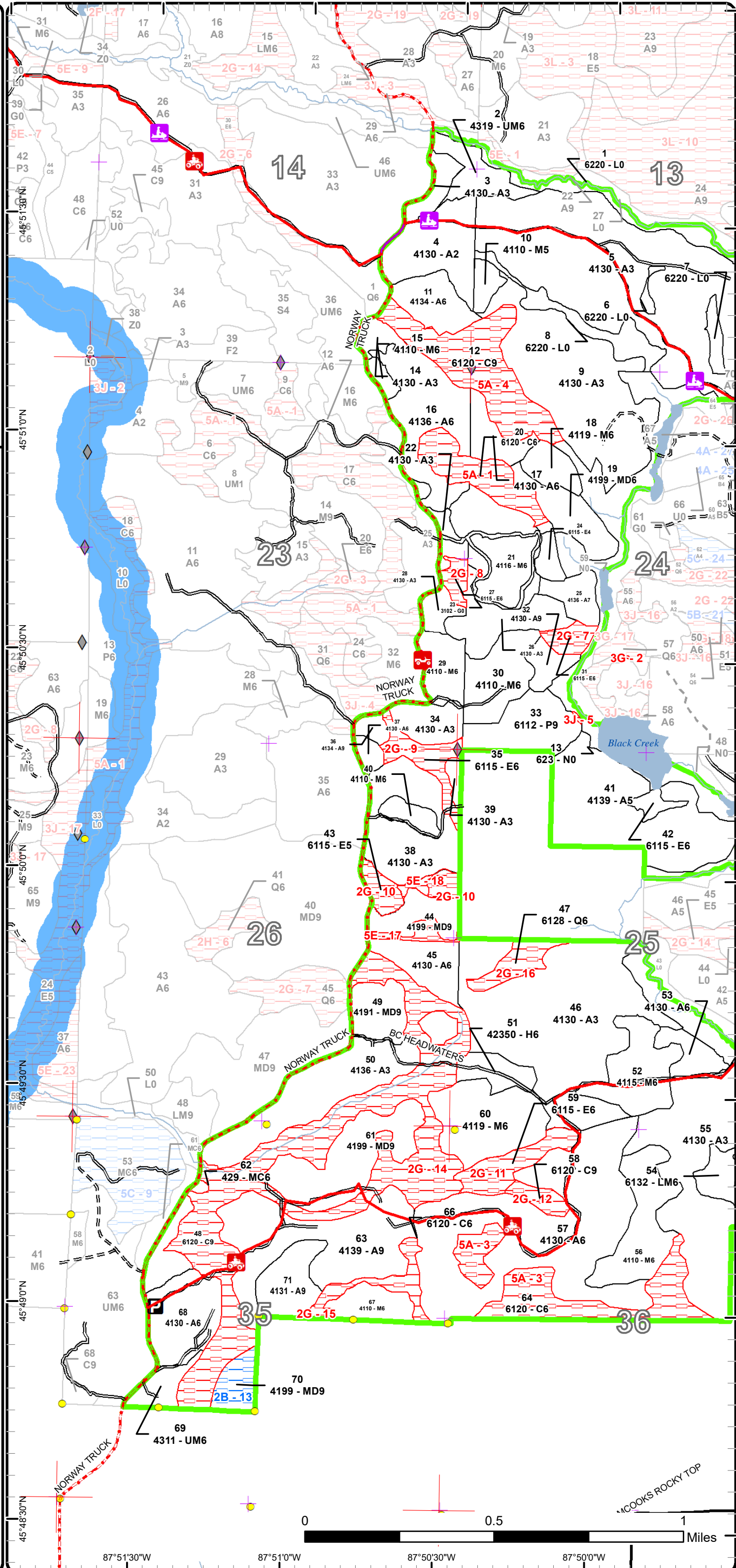
87°51'0"W    87°50'30"W    87°50'0"W    87°49'30"W    87°49'0"W

# Special Conservation Areas & Site Conditions Map

Compartment: 106  
 T40N, R29W, Sec. 13, 14, 23-26, 35, 36  
 County: Dickinson  
 Unit: Crystal Falls  
 Mgmt Area: Cassidy Creek  
 YOE: 2021  
 Acres: 1,758 GIS Calculated  
 Examiner: Rich Goupell  
 Map Revised: 1/27/2020  
 Map Phase: Post-Review



- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- ◆ Field Grade Corners
- Counties
- DNR - Primary Forest Road
- = DNR - Secondary Forest Road
- = DNR - Forest Access Route
- Federal / State / County - Paved Road
- - - County - Gravel Road
- - - Private - Dirt / Gravel Road
- ORV Trails
- ORV Routes
- Snowmobile Trails
- Designated ATV
- - - Designated ORV Route
- Designated Snowmobile Trails
- Lake/Pond
- Perennial River
- Lakes and Rivers
- P Parking Lot
- Compartment Boundary
- Available w/ Constraints
- Unavailable
- 2G: Too wet (sensitive soils, does not include access issues)
- 3G: Other Influence zones - See comments
- 3J: Water quality / BMPs (stream, river, or lake)
- 5A: Not able to obtain desirable regeneration
- 5E: Long-Term Retention
- Stand Boundaries
- Cold Water Streams
- High Priority Trout Stream Buffer

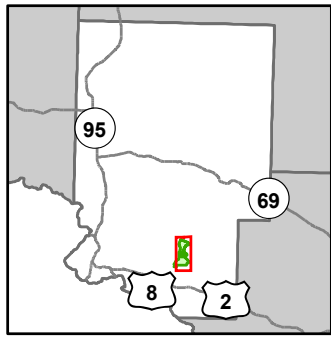


87°51'30"W    87°51'0"W    87°50'30"W    87°50'0"W

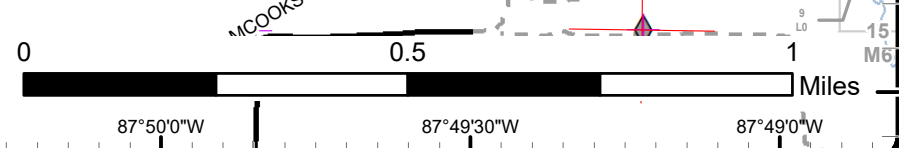
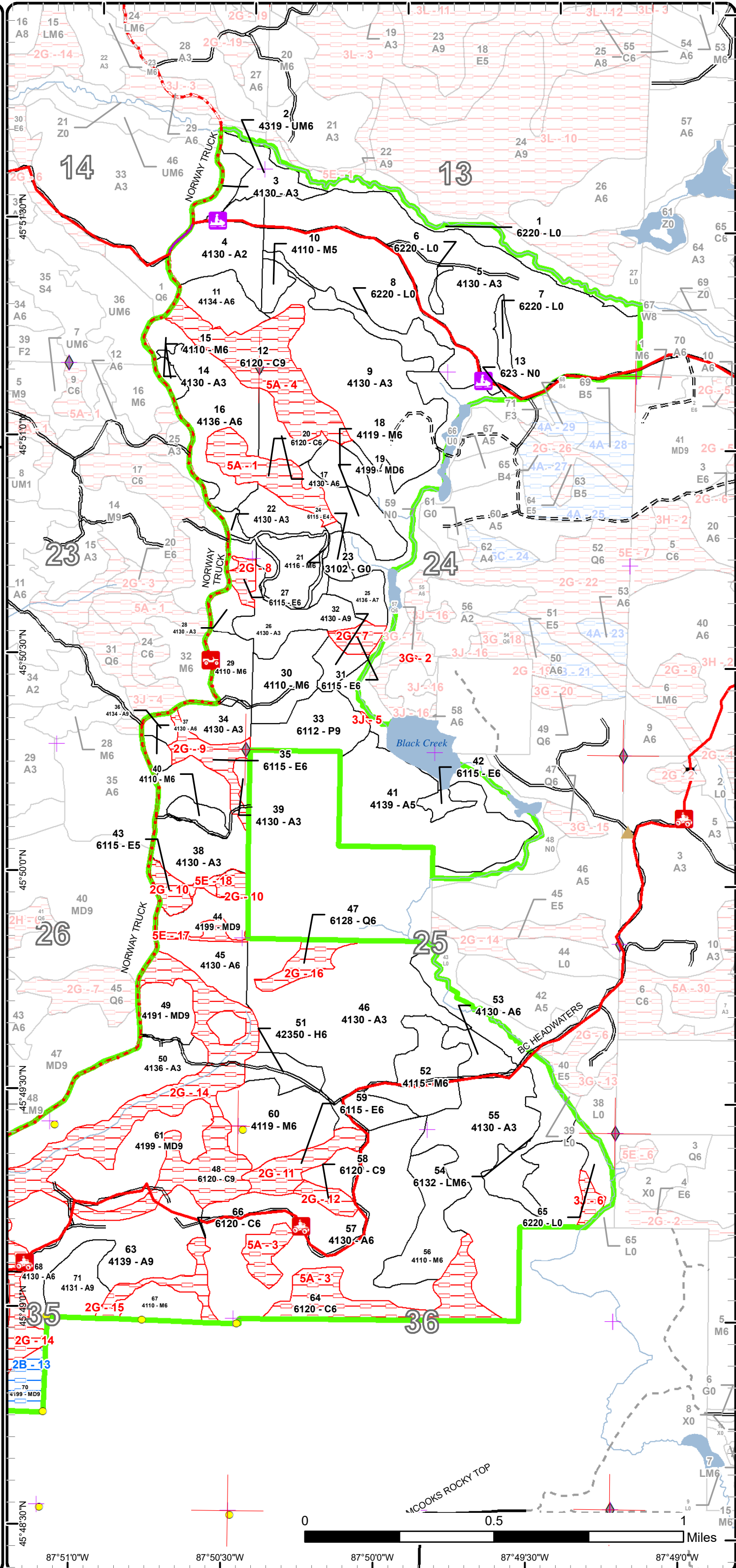


# Special Conservation Areas & Site Conditions Map

Compartment: 106  
 T40N, R29W, Sec. 13, 14, 23-26, 35, 36  
 County: Dickinson  
 Unit: Crystal Falls  
 Mgmt Area: Cassidy Creek  
 YOE: 2021  
 Acres: 1,758 GIS Calculated  
 Examiner: Rich Goupell  
 Map Revised: 1/27/2020  
 Map Phase: Post-Review



- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- ◆ Field Grade Corners
- Counties
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- = DNR - Forest Access Route
- Federal / State / County - Paved Road
- - - County - Gravel Road
- - - Private - Dirt / Gravel Road
- ORV Trails
- ORV Routes
- Snowmobile Trails
- Designated ATV
- - - Designated ORV Route
- Designated Snowmobile Trails
- Island in Lake or River
- Lake/Pond
- Perennial River
- Lakes and Rivers
- ▲ Berms
- Bridges
- Compartment Boundary
- Available w/ Constraints
- Unavailable
- 2G: Too wet (sensitive soils, does not include access issues)
- 3G: Other Influence zones - See comments
- 3J: Water quality / BMPs (stream, river, or lake)
- 5A: Not able to obtain desirable regeneration
- 5E: Long-Term Retention
- Stand Boundaries
- Cold Water Streams



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	35	123	253	410	73	0	9	7	4	74	0	0	0	0	0	0	0	987
Cedar	0	0	0	0	0	0	0	0	0	0	127	45	60	0	0	0	0	0	231
Hemlock	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10
Herbaceous Openland	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Lowland Aspen/Balsam Poplar	0	0	0	0	0	0	0	0	0	22	0	0	0	0	0	0	0	0	22
Lowland Conifers	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	9
Lowland Deciduous	0	0	0	0	0	0	0	0	10	4	22	6	0	0	0	12	0	0	54
Lowland Mixed Forest	0	0	0	0	0	0	0	0	0	0	22	0	0	0	0	0	0	0	22
Lowland Shrub	42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	42
Marsh	71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	71
Mixed Upland Deciduous	0	0	0	0	0	0	0	16	0	67	10	0	0	0	0	0	0	0	93
Northern Hardwood	0	0	0	0	0	0	0	0	0	11	101	0	0	0	0	0	0	71	183
Upland Conifers	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	10
Upland Mixed Forest	0	0	0	0	0	0	0	8	0	13	0	0	0	0	0	0	0	0	21
<b>Total</b>	<b>117</b>	<b>35</b>	<b>123</b>	<b>253</b>	<b>410</b>	<b>73</b>	<b>0</b>	<b>33</b>	<b>17</b>	<b>121</b>	<b>366</b>	<b>60</b>	<b>60</b>	<b>0</b>	<b>0</b>	<b>12</b>	<b>0</b>	<b>81</b>	<b>1759</b>



## Report 2 – Treatment Summary

Crystal Falls Mgt. Unit  
Year of Entry: 2021

Acres of Harvest

Compartment 106  
Total Compartment Acres: 1,758

Commercial Harvest - 226  
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	92	0	0	0	0	0	0	0	0	92
Lowland Aspen/Balsam Poplar	19	0	0	0	0	0	0	0	0	19
Mixed Upland Deciduous	51	0	0	0	0	0	0	0	0	51
Northern Hardwood	0	30	0	0	0	9	0	0	0	39
Upland Conifers	18	0	0	0	0	0	0	0	0	18
Upland Mixed Forest	8	0	0	0	0	0	0	0	0	8
<b>Total</b>	<b>188</b>	<b>30</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>226</b>

### Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	226	0	0	0	0	0	0	4	0	231
Next Step	0	0	0	0	0	218	0	0	0	218
<b>Total</b>	<b>226</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>218</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>448</b>



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

**Proposed Treatments:**

18	12106018-Cut	8.9	4119 - Mixed Northern Hardwoods	Poletimber Well	98	81-110	Harvest	Low Thinning	411 - Northern Hardwood	Even-Aged	No
<p><u>Prescription</u> Remove all aspen. Mark stand using compleat marker for best tree in place, marking to a BA of 70-90. Winter only harvest.</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Northern Hardwood, Aspen, spruce/fir</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2020</p>											

19	12106019-Cut	15.8	4199 - Other Mixed Upland Deciduous	Poletimber Well	62	81-110	Harvest	Clearcut with Retention	4199 - Other Mixed Upland Deciduous	Even-Aged	No
<p><u>Prescription</u> harvest to a 2" spec leave cedar, pine hemlock, oak and spruce/fir under 2 sticks. Winter only harvest.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> aspen, northern hardwoods, spruce/fir, birch</p> <p><u>Regen:</u></p> <p><u>Other</u> SBW has gone through the stand.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2020</p>											

21	12106021-Cut	29.7	4116 - Mixed N. Hardwood - Aspen	Poletimber Well	92	111-140	Harvest	Single Tree Selection	411 - Northern Hardwood	Even-Aged	No
<p><u>Prescription</u> Thin to 80 BA, removing all aspen . Leave Cedar, Hemlock, Oak, Pine and Spruce/Fir under 2 sticks. Winter only harvest.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Northern Hardwoods, Aspen, Spruce Fir</p> <p><u>Regen:</u></p> <p><u>Other</u> Hunter walking trail in stand.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2020</p>											



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

23	12106023-NF	4.1	3102 - Grass	Nonstocked	0	Unspec ified	NonForestMgt	Other - Specify	3102 - Grass		No
----	-------------	-----	--------------	------------	---	-----------------	--------------	-----------------	--------------	--	----

Prescription Hunter walking trail opening maintenance

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2020

25	12106025-Cut	9.0	4136 - Aspen, Mixed Conifer	Sawtimber Poor	69	81-110	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
----	--------------	-----	--------------------------------	-------------------	----	--------	---------	----------------------------	-------------	-----------	----

Prescription Harvest to a 2" spec leaving all cedar, pine hemlock, oak and spruce/fir under 2 sticks. Winter only harvest. Leave a chain and a half travel corridor on the east side of stand.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable aspen, northern hardwood, spruce/fir

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2020

32	12106032-Cut	5.1	4130 - Aspen	Sawtimber Well	78	81-110	Harvest	Clearcut	413 - Aspen	Even-Aged	No
----	--------------	-----	--------------	-------------------	----	--------	---------	----------	-------------	-----------	----

Prescription Harvest to a 2" spec leaving cedar, pine, hemlock, oak, and elm if present. Leave spruce/fir 4'DBH or less. Leave a chain and a half travel corridor on east side of stand.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable aspen, spruce/fir

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2020

33	12106033-Cut	19.2	6112 - Lowland Aspen	Sawtimber Well	84	81-110	Harvest	Clearcut with Retention	6112 - Lowland Aspen	Even-Aged	No
----	--------------	------	-------------------------	-------------------	----	--------	---------	----------------------------	-------------------------	-----------	----

Prescription Harvest to a 2" spec. Leave cedar, pine, hemlock, and oak. buffer creek 100ft treatment has been changed to show this. Exclude wetter areas. Leave spruce/fir 4' DBH or less. Leave a chain and a half travel corridor on the east side.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable aspen mixed hardwoods. mixed conifers

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2020



S  
t  
a  
n  
d

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

<b>36</b>	<b>12106036-Cut</b>	3.6	4134 - Aspen, Spruce/Fir	Sawtimber Well	84	Unspecified	Harvest	Clearcut	413 - Aspen	Even-Aged	No
-----------	---------------------	-----	--------------------------	----------------	----	-------------	---------	----------	-------------	-----------	----

Prescription Harvest to a 2" spec. Leave cedar, hemlock, white pine, and oak if present. No retention due to small acreage.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable aspen, spruce/fir, mixed hardwood

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2020

<b>61</b>	<b>12106061-Cut</b>	35.4	4199 - Other Mixed Upland Deciduous	Sawtimber Well	86	111-140	Harvest	Clearcut with Retention	4199 - Other Mixed Upland Deciduous	Even-Aged	No
-----------	---------------------	------	-------------------------------------	----------------	----	---------	---------	-------------------------	-------------------------------------	-----------	----

Prescription Harvest to a 2" spec except Pine, Cedar, Oak, Hemlock and Birch. Leave spruce/fir 4" DBH or less.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Aspen, Northern hardwoods, Pine, Spruce/Fir

Regen:

Other

4 wheeler trail through the south part of the stand

Comment:

Site Condition

Proposed Start Date: 10/1 /2020

<b>63</b>	<b>12106063-Cut</b>	57.1	4139 - Aspen, Mixed Deciduous	Sawtimber Well	95	81-110	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
-----------	---------------------	------	-------------------------------	----------------	----	--------	---------	-------------------------	-------------	-----------	----

Prescription Harvest to a 2" spec leaving all cedar, pine hemlock, and oak. Mark hardwood patch to 70-90 BA following the complete marker guidelines.

Specs: Leave 1-2 birch per acre favoring Yellow Birch.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Aspen, Northern Hardwoods, Pine, Oak

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2020

<b>69</b>	<b>12106069-Cut</b>	8.3	4311 - Pine, Aspen Mix	Poetimber Well	65	51-80	Harvest	Clearcut with Retention	4319 - Mixed Upland Forest	Even-Aged	No
-----------	---------------------	-----	------------------------	----------------	----	-------	---------	-------------------------	----------------------------	-----------	----

Prescription Harvest to a 2' spec leaving all cedar, pine hemlock oak and cherry.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable aspen, maple, pine, spruce, fir

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2020



S  
t  
a  
n  
d

Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
71 12106071-Cut	16.8	4131 - Aspen, Oak	Sawtimber Well	95	81-110	Harvest	Clearcut with Retention	4319 - Mixed Upland Forest	Even-Aged	No
<p><u>Prescription</u> remove aspen leaving all other species.  <u>Specs:</u>  <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)  <u>Treatments:</u>  <u>Acceptable</u> aspen, northern hardwoods oak, conifers  <u>Regen:</u>  <u>Other</u>  <u>Comment:</u>  <u>Site Condition</u>  <u>Proposed Start Date:</u> 10/1 /2020</p>										

Total Treatment 213  
 Acreage Proposed:

## Report 4 – Site Conditions

Crystal Falls Mgt. Unit  
Rich Goupell : Examiner

Compartment: 106  
Year of Entry: 2021



### Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	Dominant Site Conditions				
		With Condition	Not Available		2B	2G	3J	5A	5E
986	982	0	4	Aspen		0	4	0	
232	1	0	231	Cedar		131		99	
10	10	0	0	Hemlock					
4	4	0	0	Herbaceous Openland					
22	22	0	0	Lowland Aspen/Balsam Poplar			0		
9	0	0	9	Lowland Conifers		9			
53	8	0	45	Lowland Deciduous		45			
22	22	0	0	Lowland Mixed Forest		0			
42	42	0	0	Lowland Shrub					
71	71	0	0	Marsh					
92	77	10	5	Mixed Upland Deciduous	10	0			5
183	183	0	0	Northern Hardwood				0	
10	10	0	0	Upland Conifers					
22	22	0	0	Upland Mixed Forest					
1,758	1,454	10	294	Total Forested Acres	10	185	4	99	5
	83%	1%	17%	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	5A: Not able to obtain desirable regeneration	19	3L: Other wildlife concerns	Unspecified	Unspecified	Unspecified
Comments:							
2	Unavailable	3G: Other Influence zones - See comments	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							



## Report 4 – Site Conditions

Crystal Falls Mgt. Unit

Rich Goupell : Examiner

Compartment: 106

Year of Entry: 2021



3	Unavailable	5A: Not able to obtain desirable regeneration	40	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
4	Unavailable	5A: Not able to obtain desirable regeneration	41	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
5	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	0	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
6	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	4	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
7	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	6	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
8	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	4	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

## Report 4 – Site Conditions

Crystal Falls Mgt. Unit

Rich Goupell : Examiner

Compartment: 106

Year of Entry: 2021



9	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	12	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
10	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	10	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
11	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	14	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
12	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	5	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
13	<b>Available</b>	<b>2B: Unknown if access through adjacent landowner(s) is possible</b>	10	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

## Report 4 – Site Conditions

Crystal Falls Mgt. Unit

Rich Goupell : Examiner

Compartment: 106

Year of Entry: 2021



14	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	116	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Creek flows through the stand.							
15	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	10	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
16	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	9	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
17	<b>Unavailable</b>	<b>5E: Long-Term Retention</b>	4	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> These two areas not harvested during recent timber sale. reevaluate next inventory cycle.							
18	<b>Unavailable</b>	<b>5E: Long-Term Retention</b>	2	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> These two areas not harvested during recent timber sale. reevaluate next inventory cycle.							

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 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.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																				
1	6220 - Alder/willow	Nonstocked	15.9		Unspecified	No	Floodplain of Cassidy Creek																																				
2	4319 - Mixed Upland Forest	Poletimber Well	13.3	85	81-110	N/A	Sloping buffer to Cassidy Creek. Mostly spruce/fir with old aspen and paper birch.																																				
<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>30</td> <td>Pole</td> <td>8</td> <td>85</td> </tr> <tr> <td>Paper Birch</td> <td>25</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>25</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>White Spruce</td> <td>20</td> <td>Pole</td> <td>8</td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Balsam Fir	30	Pole	8	85	Paper Birch	25	Log/Pole	10		Quaking Aspen	25	Log/Pole	10		White Spruce	20	Pole	8												
Canopy Species	% Cover	Size Class	DBH	Age																																							
Balsam Fir	30	Pole	8	85																																							
Paper Birch	25	Log/Pole	10																																								
Quaking Aspen	25	Log/Pole	10																																								
White Spruce	20	Pole	8																																								
3	4130 - Aspen	Sapling Well	7.4	15	Unspecified	N/A	Cut in 2004																																				
<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>90</td> <td>Sapling</td> <td>2</td> <td>15</td> </tr> <tr> <td>Balsam Fir</td> <td>10</td> <td>Sapling</td> <td>2</td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	90	Sapling	2	15	Balsam Fir	10	Sapling	2																						
Canopy Species	% Cover	Size Class	DBH	Age																																							
Quaking Aspen	90	Sapling	2	15																																							
Balsam Fir	10	Sapling	2																																								
4	4130 - Aspen	Sapling Medium	28.5	5	Immature	N/A	Harvested 2015- Clearcut to regenerate aspen. Retained oak, pine and small-diameter conifers, where present. Trace of red oak and white 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>85</td> <td>Sapling</td> <td>1</td> <td>5</td> </tr> <tr> <td>Balsam Fir</td> <td>10</td> <td>Sapling</td> <td>1</td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	85	Sapling	1	5	Balsam Fir	10	Sapling	1																						
Canopy Species	% Cover	Size Class	DBH	Age																																							
Quaking Aspen	85	Sapling	1	5																																							
Balsam Fir	10	Sapling	1																																								
5	4130 - Aspen	Sapling Well	173.6	34	Immature	N/A	There are many rock knobs with balm of gilead types between them and close to lowland swales. SBW is present; little mortality but mostly 1 stick conifer or less. Pocket of poor quality hardwood (mostly basswood/ironwood) along road. Far northwest piece of this stand just south of Cassidy Creek too small to type separately, has some large spruce/maple/balsam/aspen, too steep to harvest as it slopes toward creek.																																				
<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>Quaking Aspen</td> <td>65</td> <td>Pole/Sapling</td> <td>5</td> <td>34</td> <td>Balsam Fir</td> <td>High</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Balsam Poplar</td> <td>20</td> <td>Pole/Sapling</td> <td>5</td> <td></td> <td>White Spruce</td> <td>High</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>White Pine</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	Quaking Aspen	65	Pole/Sapling	5	34	Balsam Fir	High	Variable	Sapling	Balsam Poplar	20	Pole/Sapling	5		White Spruce	High	Variable	Sapling						White Pine	Medium	Variable	Sapling
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size																																			
Quaking Aspen	65	Pole/Sapling	5	34	Balsam Fir	High	Variable	Sapling																																			
Balsam Poplar	20	Pole/Sapling	5		White Spruce	High	Variable	Sapling																																			
					White Pine	Medium	Variable	Sapling																																			
6	6220 - Alder/willow	Nonstocked	1.6		Unspecified	No	Some balm of gilead clumps																																				
<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																												
Sub-Canopy Species	Density	Avg. Height	Size																																								
Tag Alder	High	5 - 10 feet	Tall Shrub																																								
7	6220 - Alder/willow	Nonstocked	4.1	0	Unspecified	No	There are some balm of gilead/aspen stems but not enough for forested cover type																																				
<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																												
Sub-Canopy Species	Density	Avg. Height	Size																																								
Tag Alder	High	5 - 10 feet	Tall Shrub																																								
8	6220 - Alder/willow	Nonstocked	13.2		Unspecified	No	Far west piece has more balm of gilead/aspen with a little spruce but is wet; far east has some cedar/balm of gilead but this swale definitely flows into the bog to the compartment south.																																				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																	
9	4130 - Aspen	Sapling Well	72.6	34	Immature	N/A	Small hardwood pocket in center of stand. two stands combined so slightly different dbh's in the aspen. Trace of red oak and white ash.																																	
<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>34</td> </tr> <tr> <td>Balsam Poplar</td> <td>20</td> <td>Sapling/Pole</td> <td>5</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	60	Pole/Sapling	5	34	Balsam Poplar	20	Sapling/Pole	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>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Spruce</td> <td>High</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Medium</td> <td>&gt;20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	High	Variable	Sapling	White Spruce	High	Variable	Sapling	White Pine	Medium	>20 feet	Sapling						
Canopy Species	% Cover	Size Class	DBH	Age																																				
Quaking Aspen	60	Pole/Sapling	5	34																																				
Balsam Poplar	20	Sapling/Pole	5																																					
Sub-Canopy Species	Density	Avg. Height	Size																																					
Balsam Fir	High	Variable	Sapling																																					
White Spruce	High	Variable	Sapling																																					
White Pine	Medium	>20 feet	Sapling																																					
10	4110 - Sugar Maple Association	Poletimber Medium	5.1	98	81-110	N/A	Steep draw running east/west north part of stand. Solid grass layer. Not much for quality; consider shelterwood or clearcut next entry or 2 with adjacent aspen.																																	
<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>White Ash</td> <td>18</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Basswood</td> <td>50</td> <td>Log/Pole</td> <td>12</td> <td>98</td> </tr> <tr> <td>Sugar Maple</td> <td>30</td> <td>Pole</td> <td>8</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	White Ash	18	Pole	8		Basswood	50	Log/Pole	12	98	Sugar Maple	30	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>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Spruce</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Leatherwood</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Ironwood	Medium	Variable	Sapling	White Spruce	Medium	10 - 20 feet	Sapling	Leatherwood	Medium	5 - 10 feet	Tall Shrub	
Canopy Species	% Cover	Size Class	DBH	Age																																				
White Ash	18	Pole	8																																					
Basswood	50	Log/Pole	12	98																																				
Sugar Maple	30	Pole	8																																					
Sub-Canopy Species	Density	Avg. Height	Size																																					
Ironwood	Medium	Variable	Sapling																																					
White Spruce	Medium	10 - 20 feet	Sapling																																					
Leatherwood	Medium	5 - 10 feet	Tall Shrub																																					
11	4134 - Aspen, Spruce/Fir	Poletimber Well	15.1	27	Unspecified	N/A	SBW has gone through the 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>Northern White Cedar</td> <td>10</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>60</td> <td>Sapling/Pole</td> <td>4</td> <td>27</td> </tr> <tr> <td>Balsam Fir</td> <td>20</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Black Ash</td> <td>10</td> <td>Pole</td> <td>6</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Northern White Cedar	10	Pole	6		Quaking Aspen	60	Sapling/Pole	4	27	Balsam Fir	20	Pole/Sapling	5		Black Ash	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>Black Ash</td> <td>Low</td> <td>&lt; 5 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Black Ash	Low	< 5 feet	Sapling				
Canopy Species	% Cover	Size Class	DBH	Age																																				
Northern White Cedar	10	Pole	6																																					
Quaking Aspen	60	Sapling/Pole	4	27																																				
Balsam Fir	20	Pole/Sapling	5																																					
Black Ash	10	Pole	6																																					
Sub-Canopy Species	Density	Avg. Height	Size																																					
Black Ash	Low	< 5 feet	Sapling																																					
12	6120 - Lowland Cedar	Sawtimber Well	40.5	103	81-110	N/A																																		
<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>75</td> <td>Log/Pole</td> <td>11</td> <td>103</td> </tr> <tr> <td>Black Spruce</td> <td>9</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Tamarack</td> <td>8</td> <td>Pole</td> <td>7</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Northern White Cedar	75	Log/Pole	11	103	Black Spruce	9	Log/Pole	10		Tamarack	8	Pole	7																				
Canopy Species	% Cover	Size Class	DBH	Age																																				
Northern White Cedar	75	Log/Pole	11	103																																				
Black Spruce	9	Log/Pole	10																																					
Tamarack	8	Pole	7																																					
13	623 - Emergent Wetland	Nonstocked	70.7		Unspecified	No	OPIC - FMD: This is a creek bed and surrounding area which has been a beaver flooding.																																	
14	4130 - Aspen	Sapling Well	5.7	6	1-50	N/A	Long Bill 2015. Retention far south end. some white pine and cedar left when cut																																	
<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>85</td> <td>Sapling</td> <td>1</td> <td>6</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	85	Sapling	1	6																													
Canopy Species	% Cover	Size Class	DBH	Age																																				
Quaking Aspen	85	Sapling	1	6																																				
15	4110 - Sugar Maple Association	Poletimber Well	3.1	92	51-80	N/A																																		
<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>30</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Basswood</td> <td>50</td> <td>Log/Pole</td> <td>12</td> <td>92</td> </tr> <tr> <td>Balsam Fir</td> <td>10</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Hemlock</td> <td>10</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Sugar Maple	30	Log/Pole	10		Basswood	50	Log/Pole	12	92	Balsam Fir	10	Pole	7		Hemlock	10	Log/Pole	10		<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>Variable</td> <td>Sapling</td> </tr> <tr> <td>Leatherwood</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	Variable	Sapling	Leatherwood	Medium	< 5 feet	Tall Shrub
Canopy Species	% Cover	Size Class	DBH	Age																																				
Sugar Maple	30	Log/Pole	10																																					
Basswood	50	Log/Pole	12	92																																				
Balsam Fir	10	Pole	7																																					
Hemlock	10	Log/Pole	10																																					
Sub-Canopy Species	Density	Avg. Height	Size																																					
Balsam Fir	Medium	Variable	Sapling																																					
Leatherwood	Medium	< 5 feet	Tall Shrub																																					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
16	4136 - Aspen, Mixed Conifer	Poletimber Well	35.1	23	51-80	N/A	Evidence of SBW. look like the aspen was cut out of the stand in 1997 and everything else was left.
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Quaking Aspen		45	Pole/Sapling	5	23	Balsam Fir	
Balsam Fir		15	Pole	7		Medium	
Red Maple		8	Pole/Log	9		Variable	
Basswood		7	Pole/Log	9		Sapling	
Northern White Cedar		15	Pole	8			
17	4130 - Aspen	Poletimber Well	10.3	34	81-110	N/A	
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Bigtooth Aspen		40	Pole	7	34	Balsam Fir	
Quaking Aspen		40	Pole	6		Medium	
Balsam Poplar		20	Pole	7		Variable	
						Sapling	
						Sapling	
18	4119 - Mixed Northern Hardwoods	Poletimber Well	8.9	98	81-110	N/A	not good quality
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Sugar Maple		40	Pole/Log	9	98	Balsam Fir	
Red Maple		15	Pole	8		Low	
Basswood		25	Log/Pole	11		Variable	
White Ash		10	Log/Pole	11		Sapling	
19	4199 - Other Mixed Upland Deciduous	Poletimber Well	15.8	62	81-110	N/A	Spruce Budworm has hit the stand
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Paper Birch		10	Pole	7			
Balsam Fir		10	Pole	8			
Quaking Aspen		25	Log/Pole	10	62		
Sugar Maple		25	Pole	9			
Basswood		10	Log/Pole	10			
20	6120 - Lowland Cedar	Poletimber Well	19.8	112	81-110	N/A	OPIC - FMD: The south end of this stand was broken out to stand 16. A wind storm has done extensive damage to both stands.
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Northern White Cedar		75	Log/Pole	10	112		
Balsam Poplar		10	Log/Pole	12			
Paper Birch		15	Pole	8			
21	4116 - Mixed N. Hardwood - Aspen	Poletimber Well	29.7	92	111-140	N/A	Clear cut (2004 post review). patch of 15 year old aspen in nw corner. south half of stand heavy to aspen
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Sugar Maple		60	Log/Pole	11	92		
Quaking Aspen		25	Log/Pole/Sap	12			





Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																						
<b>22</b>	4130 - Aspen	Sapling Well	6.1	14	Unspecified	N/A	Trace of black ash																																																						
<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>85</td> <td>Sapling</td> <td>2</td> <td>14</td> </tr> <tr> <td>Balsam Fir</td> <td>15</td> <td>Sapling</td> <td>2</td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	85	Sapling	2	14	Balsam Fir	15	Sapling	2																																								
Canopy Species	% Cover	Size Class	DBH	Age																																																									
Quaking Aspen	85	Sapling	2	14																																																									
Balsam Fir	15	Sapling	2																																																										
<b>23</b>	3102 - Grass	Nonstocked	4.1	0	Unspecified	No	Hunter walking trail																																																						
<b>24</b>	6115 - Lowland Ash	Poletimber Poor	4.4	82	1-50	N/A	most of the stand is dead																																																						
<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>Black Ash</td> <td>90</td> <td>Pole</td> <td>6</td> <td>82</td> <td>Balsam Fir</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Northern White Cedar</td> <td>10</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	Black Ash	90	Pole	6	82	Balsam Fir	Low	Variable	Sapling	Northern White Cedar	10	Pole	9																																
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size																																																					
Black Ash	90	Pole	6	82	Balsam Fir	Low	Variable	Sapling																																																					
Northern White Cedar	10	Pole	9																																																										
<b>25</b>	4136 - Aspen, Mixed Conifer	Sawtimber Poor	9.0	69	81-110	N/A	Aspen and birch is falling out of the stand. Poor quality hardwoods. Trace of hemlock																																																						
<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>Quaking Aspen</td> <td>40</td> <td>Log</td> <td>12</td> <td>69</td> <td>Balsam Fir</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Paper Birch</td> <td>15</td> <td>Log</td> <td>12</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Sugar Maple</td> <td>10</td> <td>Log/Pole</td> <td>11</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Red Maple</td> <td>15</td> <td>Log/Pole</td> <td>11</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>10</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	Quaking Aspen	40	Log	12	69	Balsam Fir	Medium	Variable	Sapling	Paper Birch	15	Log	12						Sugar Maple	10	Log/Pole	11						Red Maple	15	Log/Pole	11						Balsam Fir	10	Pole	6					
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size																																																					
Quaking Aspen	40	Log	12	69	Balsam Fir	Medium	Variable	Sapling																																																					
Paper Birch	15	Log	12																																																										
Sugar Maple	10	Log/Pole	11																																																										
Red Maple	15	Log/Pole	11																																																										
Balsam Fir	10	Pole	6																																																										
<b>26</b>	4130 - Aspen	Sapling Well	19.4	21	81-110	N/A	When stand was cut higher ground came back to aspen and lower areas in black ash.																																																						
<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>30</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>65</td> <td>Sapling</td> <td>3</td> <td>21</td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Black Ash	30	Sapling	3		Quaking Aspen	65	Sapling	3	21																																							
Canopy Species	% Cover	Size Class	DBH	Age																																																									
Black Ash	30	Sapling	3																																																										
Quaking Aspen	65	Sapling	3	21																																																									
<b>27</b>	6115 - Lowland Ash	Poletimber Well	4.1	97	81-110	N/A	Drainage runs through the stand.																																																						
<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>Black Ash</td> <td>90</td> <td>Pole</td> <td>9</td> <td>97</td> <td>Tag Alder</td> <td>Low</td> <td>10 - 20 feet</td> <td>Tall Shrub</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Balsam Fir</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>White Ash</td> <td>Low</td> <td>&lt; 5 feet</td> <td>Sapling</td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	Black Ash	90	Pole	9	97	Tag Alder	Low	10 - 20 feet	Tall Shrub						Balsam Fir	Medium	Variable	Sapling						White Ash	Low	< 5 feet	Sapling																		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size																																																					
Black Ash	90	Pole	9	97	Tag Alder	Low	10 - 20 feet	Tall Shrub																																																					
					Balsam Fir	Medium	Variable	Sapling																																																					
					White Ash	Low	< 5 feet	Sapling																																																					
<b>28</b>	4130 - Aspen	Sapling Well	5.9	14	Unspecified	N/A																																																							
<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>85</td> <td>Sapling</td> <td>2</td> <td>14</td> </tr> <tr> <td>Balsam Fir</td> <td>15</td> <td>Sapling</td> <td>3</td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	85	Sapling	2	14	Balsam Fir	15	Sapling	3																																								
Canopy Species	% Cover	Size Class	DBH	Age																																																									
Quaking Aspen	85	Sapling	2	14																																																									
Balsam Fir	15	Sapling	3																																																										



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																													
<b>29</b>	4110 - Sugar Maple Association	Poletimber Well	13.0	92	51-80	N/A																																														
<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>30</td> <td>Pole/Log</td> <td>8</td> <td>92</td> </tr> <tr> <td>Basswood</td> <td>45</td> <td>Log</td> <td>11</td> <td>92</td> </tr> <tr> <td>White Ash</td> <td>10</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Ironwood</td> <td>10</td> <td>Pole</td> <td>6</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Sugar Maple	30	Pole/Log	8	92	Basswood	45	Log	11	92	White Ash	10	Pole	8		Ironwood	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>Balsam Fir</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Sugar Maple</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Ironwood</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Low	Variable	Sapling	Sugar Maple	Low	Variable	Sapling	Ironwood	Medium	Variable	Sapling								
Canopy Species	% Cover	Size Class	DBH	Age																																																
Sugar Maple	30	Pole/Log	8	92																																																
Basswood	45	Log	11	92																																																
White Ash	10	Pole	8																																																	
Ironwood	10	Pole	6																																																	
Sub-Canopy Species	Density	Avg. Height	Size																																																	
Balsam Fir	Low	Variable	Sapling																																																	
Sugar Maple	Low	Variable	Sapling																																																	
Ironwood	Medium	Variable	Sapling																																																	
<b>30</b>	4110 - Sugar Maple Association	Poletimber Well	21.4	93	51-80	N/A	OPIC - FMD: The stand had the Aspen removed in 2003. Now it is sparse hardwood with an Aspen regeneration understory.																																													
<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>70</td> <td>Pole</td> <td>6</td> <td>93</td> </tr> <tr> <td>Basswood</td> <td>15</td> <td>Log/Pole</td> <td>10</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	Sugar Maple	70	Pole	6	93	Basswood	15	Log/Pole	10		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>Quaking Aspen</td> <td>High</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Ash</td> <td>Medium</td> <td>&lt; 5 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Quaking Aspen	High	10 - 20 feet	Sapling	Balsam Fir	Low	Variable	Sapling	White Ash	Medium	< 5 feet	Sapling													
Canopy Species	% Cover	Size Class	DBH	Age																																																
Sugar Maple	70	Pole	6	93																																																
Basswood	15	Log/Pole	10																																																	
Balsam Fir	10	Pole	6																																																	
Sub-Canopy Species	Density	Avg. Height	Size																																																	
Quaking Aspen	High	10 - 20 feet	Sapling																																																	
Balsam Fir	Low	Variable	Sapling																																																	
White Ash	Medium	< 5 feet	Sapling																																																	
<b>31</b>	6115 - Lowland Ash	Poletimber Well	5.6	103	81-110	N/A	drainage bend n bank runs through the 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 Ash</td> <td>95</td> <td>Pole</td> <td>8</td> <td>103</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black Ash	95	Pole	8	103	<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>10 - 20 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Black Ash</td> <td>Low</td> <td>&lt; 5 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Medium	10 - 20 feet	Tall Shrub	Black Ash	Low	< 5 feet	Sapling																											
Canopy Species	% Cover	Size Class	DBH	Age																																																
Black Ash	95	Pole	8	103																																																
Sub-Canopy Species	Density	Avg. Height	Size																																																	
Tag Alder	Medium	10 - 20 feet	Tall Shrub																																																	
Black Ash	Low	< 5 feet	Sapling																																																	
<b>32</b>	4130 - Aspen	Sawtimber Well	6.7	78	81-110	N/A	The aspen is falling out of the stand. Poor quality hardwoods. Trace of cedar, elm, sugar maple.																																													
<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>90</td> <td>Log</td> <td>14</td> <td>78</td> </tr> <tr> <td>White Spruce</td> <td>10</td> <td>Log</td> <td>12</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	90	Log	14	78	White Spruce	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>Quaking Aspen</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Ash</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Quaking Aspen	Medium	10 - 20 feet	Sapling	Balsam Fir	Low	Variable	Sapling	White Ash	Medium	Variable	Sapling																		
Canopy Species	% Cover	Size Class	DBH	Age																																																
Quaking Aspen	90	Log	14	78																																																
White Spruce	10	Log	12																																																	
Sub-Canopy Species	Density	Avg. Height	Size																																																	
Quaking Aspen	Medium	10 - 20 feet	Sapling																																																	
Balsam Fir	Low	Variable	Sapling																																																	
White Ash	Medium	Variable	Sapling																																																	
<b>33</b>	6112 - Lowland Aspen	Sawtimber Well	22.3	84	81-110	N/A	drain along private flowing to the east																																													
<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>15</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>55</td> <td>Log</td> <td>12</td> <td>84</td> </tr> <tr> <td>Red Maple</td> <td>7</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Balsam Poplar</td> <td>10</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>Sugar Maple</td> <td>8</td> <td>Pole</td> <td>6</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Northern White Cedar	15	Pole	8		Quaking Aspen	55	Log	12	84	Red Maple	7	Pole	6		Balsam Poplar	10	Log	14		Sugar Maple	8	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>White Ash</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Quaking Aspen</td> <td>Low</td> <td>&gt;20 feet</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	White Ash	Medium	5 - 10 feet	Sapling	Quaking Aspen	Low	>20 feet	Sapling	Balsam Fir	Low	Variable	Sapling			
Canopy Species	% Cover	Size Class	DBH	Age																																																
Northern White Cedar	15	Pole	8																																																	
Quaking Aspen	55	Log	12	84																																																
Red Maple	7	Pole	6																																																	
Balsam Poplar	10	Log	14																																																	
Sugar Maple	8	Pole	6																																																	
Sub-Canopy Species	Density	Avg. Height	Size																																																	
White Ash	Medium	5 - 10 feet	Sapling																																																	
Quaking Aspen	Low	>20 feet	Sapling																																																	
Balsam Fir	Low	Variable	Sapling																																																	
<b>34</b>	4130 - Aspen	Sapling Well	11.6	13	Unspecified	N/A																																														
<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>95</td> <td>Sapling</td> <td>2</td> <td>13</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	95	Sapling	2	13																																									
Canopy Species	% Cover	Size Class	DBH	Age																																																
Quaking Aspen	95	Sapling	2	13																																																
<b>35</b>	6115 - Lowland Ash	Poletimber Well	12.0	142	Unspecified	N/A																																														
<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>14</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Black Ash</td> <td>80</td> <td>Pole/Log</td> <td>8</td> <td>142</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Northern White Cedar	14	Log/Pole	12		Black Ash	80	Pole/Log	8	142	<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 Ash</td> <td>High</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Medium	5 - 10 feet	Tall Shrub	Black Ash	High	Variable	Sapling																						
Canopy Species	% Cover	Size Class	DBH	Age																																																
Northern White Cedar	14	Log/Pole	12																																																	
Black Ash	80	Pole/Log	8	142																																																
Sub-Canopy Species	Density	Avg. Height	Size																																																	
Tag Alder	Medium	5 - 10 feet	Tall Shrub																																																	
Black Ash	High	Variable	Sapling																																																	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																														
<b>36</b>	4134 - Aspen, Spruce/Fir	Sawtimber Well	3.6	84	Unspecified	N/A																															
<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>Bigtooth Aspen</td> <td>60</td> <td>Log</td> <td>12</td> <td>84</td> </tr> <tr> <td>Sugar Maple</td> <td>10</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>30</td> <td>Pole</td> <td>7</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Bigtooth Aspen	60	Log	12	84	Sugar Maple	10	Pole	6		Balsam Fir	30	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>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Medium	Variable	Sapling						
Canopy Species	% Cover	Size Class	DBH	Age																																	
Bigtooth Aspen	60	Log	12	84																																	
Sugar Maple	10	Pole	6																																		
Balsam Fir	30	Pole	7																																		
Sub-Canopy Species	Density	Avg. Height	Size																																		
Balsam Fir	Medium	Variable	Sapling																																		
<b>37</b>	4130 - Aspen	Poletimber Well	3.6	37	Unspecified	N/A																															
<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>85</td> <td>Pole</td> <td>6</td> <td>37</td> </tr> <tr> <td>Balsam Fir</td> <td>15</td> <td>Pole</td> <td>5</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	85	Pole	6	37	Balsam Fir	15	Pole	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>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Medium	Variable	Sapling											
Canopy Species	% Cover	Size Class	DBH	Age																																	
Quaking Aspen	85	Pole	6	37																																	
Balsam Fir	15	Pole	5																																		
Sub-Canopy Species	Density	Avg. Height	Size																																		
Balsam Fir	Medium	Variable	Sapling																																		
<b>38</b>	4130 - Aspen	Sapling Well	35.0	22	Unspecified	N/A																															
<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>90</td> <td>Sapling</td> <td>2</td> <td>22</td> </tr> <tr> <td>Balsam Fir</td> <td>10</td> <td>Sapling</td> <td>2</td> <td>22</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	90	Sapling	2	22	Balsam Fir	10	Sapling	2	22																					
Canopy Species	% Cover	Size Class	DBH	Age																																	
Quaking Aspen	90	Sapling	2	22																																	
Balsam Fir	10	Sapling	2	22																																	
<b>39</b>	4130 - Aspen	Sapling Well	2.5	13	Unspecified	N/A																															
<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>100</td> <td>Sapling</td> <td>2</td> <td>13</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	100	Sapling	2	13	<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>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Low	5 - 10 feet	Sapling																
Canopy Species	% Cover	Size Class	DBH	Age																																	
Quaking Aspen	100	Sapling	2	13																																	
Sub-Canopy Species	Density	Avg. Height	Size																																		
Balsam Fir	Low	5 - 10 feet	Sapling																																		
<b>40</b>	4110 - Sugar Maple Association	Poletimber Well	6.0	99	51-80	N/A																															
<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>90</td> <td>Pole</td> <td>6</td> <td>99</td> </tr> <tr> <td>Basswood</td> <td>6</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Sugar Maple	90	Pole	6	99	Basswood	6	Pole/Log	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>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Ironwood</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Leatherwood</td> <td>Low</td> <td>&lt; 5 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Low	Variable	Sapling	Ironwood	Low	Variable	Sapling	Leatherwood	Low	< 5 feet	Tall Shrub			
Canopy Species	% Cover	Size Class	DBH	Age																																	
Sugar Maple	90	Pole	6	99																																	
Basswood	6	Pole/Log	9																																		
Sub-Canopy Species	Density	Avg. Height	Size																																		
Balsam Fir	Low	Variable	Sapling																																		
Ironwood	Low	Variable	Sapling																																		
Leatherwood	Low	< 5 feet	Tall Shrub																																		
<b>41</b>	4139 - Aspen, Mixed Deciduous	Poletimber Medium	63.6	40	81-110	N/A	stand was cut in 1985. Pocket of black ash in north part of stand, Sugar maple pocket in south part of 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>Quaking Aspen</td> <td>55</td> <td>Pole/Sapling</td> <td>5</td> <td>40</td> </tr> <tr> <td>Sugar Maple</td> <td>35</td> <td>Log/Pole</td> <td>11</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	55	Pole/Sapling	5	40	Sugar Maple	35	Log/Pole	11																						
Canopy Species	% Cover	Size Class	DBH	Age																																	
Quaking Aspen	55	Pole/Sapling	5	40																																	
Sugar Maple	35	Log/Pole	11																																		
<b>42</b>	6115 - Lowland Ash	Poletimber Well	3.6	92	51-80	N/A																															
<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>100</td> <td>Pole</td> <td>6</td> <td>92</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black Ash	100	Pole	6	92																										
Canopy Species	% Cover	Size Class	DBH	Age																																	
Black Ash	100	Pole	6	92																																	
<b>43</b>	6115 - Lowland Ash	Poletimber Medium	9.5	73	Unspecified	N/A																															
<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>95</td> <td>Pole</td> <td>6</td> <td>73</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black Ash	95	Pole	6	73	<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>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Tag Alder</td> <td>Low</td> <td>Variable</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Low	Variable	Sapling	Tag Alder	Low	Variable	Tall Shrub												
Canopy Species	% Cover	Size Class	DBH	Age																																	
Black Ash	95	Pole	6	73																																	
Sub-Canopy Species	Density	Avg. Height	Size																																		
Balsam Fir	Low	Variable	Sapling																																		
Tag Alder	Low	Variable	Tall Shrub																																		



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																		
44	4199 - Other Mixed Upland Deciduous	Sawtimber Well	17.8	85	81-110	N/A	I guess this stand should be marked with the aspen taken out for the most part and the better hardwood left. Some of the area is entirely rock and will have to be taken out.																																																		
<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>20</td> <td>Pole/Log</td> <td>8</td> <td>85</td> </tr> <tr> <td>Red Maple</td> <td>10</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Basswood</td> <td>10</td> <td>Pole/Log</td> <td>10</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>15</td> <td>Log/Pole</td> <td>14</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>15</td> <td>Log/Pole</td> <td>14</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Sugar Maple	20	Pole/Log	8	85	Red Maple	10	Pole/Log	8		Basswood	10	Pole/Log	10		Quaking Aspen	15	Log/Pole	14		Bigtooth Aspen	15	Log/Pole	14		<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>Beech</td> <td>Low</td> <td>&lt; 5 feet</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Spruce</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Ironwood</td> <td>Low</td> <td>&lt; 5 feet</td> <td>Sapling</td> </tr> <tr> <td>Leatherwood</td> <td>Low</td> <td>Variable</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Beech	Low	< 5 feet	Sapling	Balsam Fir	Low	Variable	Sapling	White Spruce	Low	Variable	Sapling	Ironwood	Low	< 5 feet	Sapling	Leatherwood	Low	Variable	Tall Shrub
Canopy Species	% Cover	Size Class	DBH	Age																																																					
Sugar Maple	20	Pole/Log	8	85																																																					
Red Maple	10	Pole/Log	8																																																						
Basswood	10	Pole/Log	10																																																						
Quaking Aspen	15	Log/Pole	14																																																						
Bigtooth Aspen	15	Log/Pole	14																																																						
Sub-Canopy Species	Density	Avg. Height	Size																																																						
Beech	Low	< 5 feet	Sapling																																																						
Balsam Fir	Low	Variable	Sapling																																																						
White Spruce	Low	Variable	Sapling																																																						
Ironwood	Low	< 5 feet	Sapling																																																						
Leatherwood	Low	Variable	Tall Shrub																																																						
45	4130 - Aspen	Poletimber Well	15.4	39	Unspecified	N/A	hardwood inclusion on the east side of the 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>Quaking Aspen</td> <td>73</td> <td>Pole</td> <td>7</td> <td>39</td> </tr> <tr> <td>Balsam Fir</td> <td>15</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	73	Pole	7	39	Balsam Fir	15	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>Balsam Fir</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Low	Variable	Sapling																															
Canopy Species	% Cover	Size Class	DBH	Age																																																					
Quaking Aspen	73	Pole	7	39																																																					
Balsam Fir	15	Pole/Sapling	5																																																						
Sub-Canopy Species	Density	Avg. Height	Size																																																						
Balsam Fir	Low	Variable	Sapling																																																						
46	4130 - Aspen	Sapling Well	106.4	29	Immature	N/A	stand was cut in 1993. some hemlock and balsam in the overstory.																																																		
<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>95</td> <td>Sapling</td> <td>4</td> <td>29</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	95	Sapling	4	29	<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>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Low	Variable	Sapling																																				
Canopy Species	% Cover	Size Class	DBH	Age																																																					
Quaking Aspen	95	Sapling	4	29																																																					
Sub-Canopy Species	Density	Avg. Height	Size																																																						
Balsam Fir	Low	Variable	Sapling																																																						
47	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	8.9	108	81-110	N/A																																																			
<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>45</td> <td>Log/Pole</td> <td>12</td> <td>108</td> </tr> <tr> <td>Black Ash</td> <td>20</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>10</td> <td>Pole</td> <td>5</td> <td></td> </tr> <tr> <td>White Spruce</td> <td>10</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Tamarack</td> <td>15</td> <td>Log/Pole</td> <td>11</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Northern White Cedar	45	Log/Pole	12	108	Black Ash	20	Pole	7		Balsam Fir	10	Pole	5		White Spruce	10	Pole	6		Tamarack	15	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>Tag Alder</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Black Ash</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Medium	10 - 20 feet	Tall Shrub	Black Ash	Low	Variable	Sapling	Balsam Fir	Low	Variable	Sapling								
Canopy Species	% Cover	Size Class	DBH	Age																																																					
Northern White Cedar	45	Log/Pole	12	108																																																					
Black Ash	20	Pole	7																																																						
Balsam Fir	10	Pole	5																																																						
White Spruce	10	Pole	6																																																						
Tamarack	15	Log/Pole	11																																																						
Sub-Canopy Species	Density	Avg. Height	Size																																																						
Tag Alder	Medium	10 - 20 feet	Tall Shrub																																																						
Black Ash	Low	Variable	Sapling																																																						
Balsam Fir	Low	Variable	Sapling																																																						
48	6120 - Lowland Cedar	Sawtimber Well	116.2	95	51-80	N/A	A creek runs through here. Trace of White 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>Northern White Cedar</td> <td>75</td> <td>Log/Pole</td> <td>10</td> <td>95</td> </tr> <tr> <td>White Spruce</td> <td>10</td> <td>Log</td> <td>10</td> <td></td> </tr> <tr> <td>Black Ash</td> <td>15</td> <td>Pole</td> <td>6</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Northern White Cedar	75	Log/Pole	10	95	White Spruce	10	Log	10		Black Ash	15	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>Tag Alder</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Balsam Fir</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Low	5 - 10 feet	Tall Shrub	Balsam Fir	Low	Variable	Sapling																						
Canopy Species	% Cover	Size Class	DBH	Age																																																					
Northern White Cedar	75	Log/Pole	10	95																																																					
White Spruce	10	Log	10																																																						
Black Ash	15	Pole	6																																																						
Sub-Canopy Species	Density	Avg. Height	Size																																																						
Tag Alder	Low	5 - 10 feet	Tall Shrub																																																						
Balsam Fir	Low	Variable	Sapling																																																						
49	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	13.8	86	51-80	N/A	There is a lot of diversity here and a lot of rock. Some parts straight hardwood some parts with more aspen.																																																		
<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>30</td> <td>Pole/Log</td> <td>8</td> <td>86</td> </tr> <tr> <td>Paper Birch</td> <td>10</td> <td>Pole/Log</td> <td>10</td> <td>86</td> </tr> <tr> <td>Quaking Aspen</td> <td>11</td> <td>Pole/Log</td> <td>12</td> <td>86</td> </tr> <tr> <td>Balsam Fir</td> <td>10</td> <td>Pole/Log</td> <td>10</td> <td>86</td> </tr> <tr> <td>White Spruce</td> <td>10</td> <td>Log/Pole</td> <td>10</td> <td>86</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Sugar Maple	30	Pole/Log	8	86	Paper Birch	10	Pole/Log	10	86	Quaking Aspen	11	Pole/Log	12	86	Balsam Fir	10	Pole/Log	10	86	White Spruce	10	Log/Pole	10	86	<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>Low</td> <td>&lt; 5 feet</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Low</td> <td>&lt; 5 feet</td> <td>Sapling</td> </tr> <tr> <td>Ironwood</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Sugar Maple	Low	< 5 feet	Sapling	Balsam Fir	Low	< 5 feet	Sapling	Ironwood	Low	Variable	Sapling								
Canopy Species	% Cover	Size Class	DBH	Age																																																					
Sugar Maple	30	Pole/Log	8	86																																																					
Paper Birch	10	Pole/Log	10	86																																																					
Quaking Aspen	11	Pole/Log	12	86																																																					
Balsam Fir	10	Pole/Log	10	86																																																					
White Spruce	10	Log/Pole	10	86																																																					
Sub-Canopy Species	Density	Avg. Height	Size																																																						
Sugar Maple	Low	< 5 feet	Sapling																																																						
Balsam Fir	Low	< 5 feet	Sapling																																																						
Ironwood	Low	Variable	Sapling																																																						



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																	
<b>50</b>	4136 - Aspen, Mixed Conifer	Sapling Well	42.1	21	Unspecified	N/A	trace of Red Pine, White Pine, Red Oak. Aspen was cut out of the stand in 1998 looks like everything lese was left in the 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>Quaking Aspen</td> <td>45</td> <td>Sapling</td> <td>3</td> <td>21</td> </tr> <tr> <td>Hemlock</td> <td>15</td> <td>Log/Pole</td> <td>11</td> <td></td> </tr> <tr> <td>Sugar Maple</td> <td>10</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	45	Sapling	3	21	Hemlock	15	Log/Pole	11		Sugar Maple	10	Log/Pole	10		<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>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Spruce</td> <td>Low</td> <td>&lt; 5 feet</td> <td>Sapling</td> </tr> <tr> <td>Leatherwood</td> <td>Low</td> <td>&lt; 5 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Medium	Variable	Sapling	White Spruce	Low	< 5 feet	Sapling	Leatherwood	Low	< 5 feet	Tall Shrub	
Canopy Species	% Cover	Size Class	DBH	Age																																				
Quaking Aspen	45	Sapling	3	21																																				
Hemlock	15	Log/Pole	11																																					
Sugar Maple	10	Log/Pole	10																																					
Sub-Canopy Species	Density	Avg. Height	Size																																					
Balsam Fir	Medium	Variable	Sapling																																					
White Spruce	Low	< 5 feet	Sapling																																					
Leatherwood	Low	< 5 feet	Tall Shrub																																					
<b>51</b>	42350 - Upland Hemlock	Poletimber Well	9.6	93	81-110	N/A																																		
<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>Hemlock</td> <td>75</td> <td>Log</td> <td>11</td> <td>93</td> </tr> <tr> <td>Red Maple</td> <td>10</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Hemlock	75	Log	11	93	Red Maple	10	Log/Pole	10		<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>White Ash</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	White Ash	Low	10 - 20 feet	Sapling	Balsam Fir	Low	Variable	Sapling										
Canopy Species	% Cover	Size Class	DBH	Age																																				
Hemlock	75	Log	11	93																																				
Red Maple	10	Log/Pole	10																																					
Sub-Canopy Species	Density	Avg. Height	Size																																					
White Ash	Low	10 - 20 feet	Sapling																																					
Balsam Fir	Low	Variable	Sapling																																					
<b>52</b>	4115 - Y.Birch, Hemlock NH	Poletimber Well	24.5	92	81-110	N/A	OPIC - FMD: This small hardwood stand appears to have had the aspen cut from the 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>Sugar Maple</td> <td>50</td> <td>Pole</td> <td>8</td> <td>92</td> </tr> <tr> <td>Yellow Birch</td> <td>25</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>White Ash</td> <td>10</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Basswood</td> <td>15</td> <td>Pole</td> <td>8</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Sugar Maple	50	Pole	8	92	Yellow Birch	25	Pole/Log	9		White Ash	10	Log/Pole	10		Basswood	15	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>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Ash</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Ironwood	Medium	Variable	Sapling	White Ash	Low	Variable	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																				
Sugar Maple	50	Pole	8	92																																				
Yellow Birch	25	Pole/Log	9																																					
White Ash	10	Log/Pole	10																																					
Basswood	15	Pole	8																																					
Sub-Canopy Species	Density	Avg. Height	Size																																					
Ironwood	Medium	Variable	Sapling																																					
White Ash	Low	Variable	Sapling																																					
<b>53</b>	4130 - Aspen	Poletimber Well	9.0	40	51-80	N/A	: There is scattered Fir regeneration in this well stocked high quality 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>Quaking Aspen</td> <td>95</td> <td>Pole</td> <td>6</td> <td>40</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	95	Pole	6	40																													
Canopy Species	% Cover	Size Class	DBH	Age																																				
Quaking Aspen	95	Pole	6	40																																				
<b>54</b>	6132 - Mixed Lowland Forest with Cedar	Poletimber Well	21.5	93	81-110	N/A																																		
<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>40</td> <td>Pole</td> <td>9</td> <td>92</td> </tr> <tr> <td>White Spruce</td> <td>9</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Black Ash</td> <td>45</td> <td>Pole</td> <td>8</td> <td>93</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Northern White Cedar	40	Pole	9	92	White Spruce	9	Pole	8		Black Ash	45	Pole	8	93	<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 Ash</td> <td>Medium</td> <td>&lt; 5 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Black Ash	Medium	< 5 feet	Sapling									
Canopy Species	% Cover	Size Class	DBH	Age																																				
Northern White Cedar	40	Pole	9	92																																				
White Spruce	9	Pole	8																																					
Black Ash	45	Pole	8	93																																				
Sub-Canopy Species	Density	Avg. Height	Size																																					
Black Ash	Medium	< 5 feet	Sapling																																					
<b>55</b>	4130 - Aspen	Sapling Well	89.7	15	Immature	N/A	Part of stand left on east for retention and buffer. South part not cut with last cut do to creek crossing.																																	
<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>100</td> <td>Sapling</td> <td>2</td> <td>15</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	100	Sapling	2	15	<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>White Pine</td> <td>Low</td> <td>&lt; 5 feet</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Spruce</td> <td>Low</td> <td>&lt; 5 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	White Pine	Low	< 5 feet	Sapling	Balsam Fir	Low	Variable	Sapling	White Spruce	Low	< 5 feet	Sapling											
Canopy Species	% Cover	Size Class	DBH	Age																																				
Quaking Aspen	100	Sapling	2	15																																				
Sub-Canopy Species	Density	Avg. Height	Size																																					
White Pine	Low	< 5 feet	Sapling																																					
Balsam Fir	Low	Variable	Sapling																																					
White Spruce	Low	< 5 feet	Sapling																																					
<b>56</b>	4110 - Sugar Maple Association	Poletimber Well	27.6	86	81-110	N/A	Aspen was removed from the stand in 2005 The stand is very rough with several rock ridges and valleys.																																	
<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/XLog</td> <td>12</td> <td>86</td> </tr> <tr> <td>Basswood</td> <td>40</td> <td>Log/XLog/Pole</td> <td>14</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Sugar Maple	50	Log/Pole/XLog	12	86	Basswood	40	Log/XLog/Pole	14		<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>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Ironwood</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Quaking Aspen	Medium	10 - 20 feet	Sapling	Ironwood	Medium	Variable	Sapling										
Canopy Species	% Cover	Size Class	DBH	Age																																				
Sugar Maple	50	Log/Pole/XLog	12	86																																				
Basswood	40	Log/XLog/Pole	14																																					
Sub-Canopy Species	Density	Avg. Height	Size																																					
Quaking Aspen	Medium	10 - 20 feet	Sapling																																					
Ironwood	Medium	Variable	Sapling																																					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
<b>57</b>	4130 - Aspen	Poletimber Well	109.2	31	Unspecified	N/A	trace of hemlock, cedar, white pine, and maple
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Bigtooth Aspen		100	Sapling	4	31	Balsam Fir	Density: Medium, Avg. Height: Variable, Size: Sapling
<b>58</b>	6120 - Lowland Cedar	Sawtimber Well	4.9	103	81-110	N/A	Most of the Tamarack on the west side of the stand is dead. Too small of an area to go and salvage it. Trace amounts of balsam poplar white birch and yellow birch.
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Northern White Cedar		80	Log/Pole	10	103	Balsam Fir	Density: Medium, Avg. Height: Variable, Size: Sapling
Black Ash		7	Pole	8		Black Ash	Density: Low, Avg. Height: Variable, Size: Sapling
Tamarack		13	Pole/Log	9			
<b>59</b>	6115 - Lowland Ash	Poletimber Well	13.8	95	81-110	N/A	No defined bed and bank but water is flowing to the South.
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Black Ash		85	Pole/Log	9	95	Balsam Fir	Density: Medium, Avg. Height: Variable, Size: Sapling
Northern White Cedar		10	Pole/Log	8		Tag Alder	Density: Medium, Avg. Height: 5 - 10 feet, Size: Tall Shrub
<b>60</b>	4119 - Mixed Northern Hardwoods	Poletimber Well	32.7	92	81-110	N/A	
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Sugar Maple		40	Log/Pole	10	92	Balsam Fir	Density: Low, Avg. Height: Variable, Size: Sapling
Red Maple		25	Pole/Log	8		Ironwood	Density: Low, Avg. Height: Variable, Size: Sapling
Basswood		20	Log/Pole	12			
Hemlock		10	Log/Pole	12			
<b>61</b>	4199 - Other Mixed Upland Deciduous	Sawtimber Well	35.4	86	111-140	N/A	Trace of Hemlock Red and White Pine.
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Sugar Maple		15	Log/Pole	10	92	Balsam Fir	Density: Low, Avg. Height: Variable, Size: Sapling
Basswood		10	Log/Pole	12		Ironwood	Density: Low, Avg. Height: Variable, Size: Sapling
White Ash		10	Log/Pole	12			
Paper Birch		10	Log/Pole	10			
Quaking Aspen		15	Log/Pole	12			
Bigtooth Aspen		20	Log	14	86		
Red Maple		15	Log/Pole	11			
<b>62</b>	429 - Mixed Upland Conifers	Poletimber Well	10.2	95	51-80	N/A	
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Quaking Aspen		20	Pole	6	95	Balsam Fir	Density: Low, Avg. Height: Variable, Size: Sapling
Balsam Fir		10	Pole	6	95	White Spruce	Density: Low, Avg. Height: Variable, Size: Sapling
White Spruce		10	Pole	6	95	White Pine	Density: High, Avg. Height: < 5 feet, Size: Sapling
White Pine		45	Log/Pole	16	95		



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																			
<b>63</b>	4139 - Aspen, Mixed Deciduous	Sawtimber Well	57.1	95	81-110	N/A	This does have the ORV trail running through it																																																			
<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>20</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Red Oak</td> <td>15</td> <td>Log/Pole</td> <td>14</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>30</td> <td>Log</td> <td>12</td> <td>95</td> </tr> <tr> <td>White Ash</td> <td>10</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Basswood</td> <td>10</td> <td>Log/Pole</td> <td>11</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>10</td> <td>Log</td> <td>12</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Sugar Maple	20	Log/Pole	10		Red Oak	15	Log/Pole	14		Quaking Aspen	30	Log	12	95	White Ash	10	Pole	8		Basswood	10	Log/Pole	11		Bigtooth Aspen	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>Balsam Fir</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Spruce</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Sugar Maple</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Ironwood</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Low	Variable	Sapling	White Spruce	Low	Variable	Sapling	Sugar Maple	Low	Variable	Sapling	Ironwood	Low	Variable	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																																						
Sugar Maple	20	Log/Pole	10																																																							
Red Oak	15	Log/Pole	14																																																							
Quaking Aspen	30	Log	12	95																																																						
White Ash	10	Pole	8																																																							
Basswood	10	Log/Pole	11																																																							
Bigtooth Aspen	10	Log	12																																																							
Sub-Canopy Species	Density	Avg. Height	Size																																																							
Balsam Fir	Low	Variable	Sapling																																																							
White Spruce	Low	Variable	Sapling																																																							
Sugar Maple	Low	Variable	Sapling																																																							
Ironwood	Low	Variable	Sapling																																																							
<b>64</b>	6120 - Lowland Cedar	Poletimber Well	39.8	117	81-110	N/A	trace of paper birch and balsam poplar																																																			
<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>85</td> <td>Pole</td> <td>7</td> <td>117</td> </tr> <tr> <td>Tamarack</td> <td>10</td> <td>Pole</td> <td>8</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Northern White Cedar	85	Pole	7	117	Tamarack	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>Black Spruce</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Black Spruce	Low	Variable	Sapling																																
Canopy Species	% Cover	Size Class	DBH	Age																																																						
Northern White Cedar	85	Pole	7	117																																																						
Tamarack	10	Pole	8																																																							
Sub-Canopy Species	Density	Avg. Height	Size																																																							
Black Spruce	Low	Variable	Sapling																																																							
<b>65</b>	6220 - Alder/willow	Nonstocked	7.5		Unspecified	No	OPIC - FMD: OI Stand Year Origin was																																																			
<b>66</b>	6120 - Lowland Cedar	Poletimber Well	10.3	95	Unspecified	N/A	A creek runs through here																																																			
<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>55</td> <td>Pole/Log</td> <td>9</td> <td>95</td> </tr> <tr> <td>Black Ash</td> <td>40</td> <td>Pole</td> <td>6</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Northern White Cedar	55	Pole/Log	9	95	Black Ash	40	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>Balsam Fir</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Low	Variable	Sapling																																
Canopy Species	% Cover	Size Class	DBH	Age																																																						
Northern White Cedar	55	Pole/Log	9	95																																																						
Black Ash	40	Pole	6																																																							
Sub-Canopy Species	Density	Avg. Height	Size																																																							
Balsam Fir	Low	Variable	Sapling																																																							
<b>67</b>	4110 - Sugar Maple Association	Poletimber Well	11.4	84	81-110	N/A	most of the paper birch has fallen out of the stand. small acreage and questionable 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>Sugar Maple</td> <td>65</td> <td>Pole/Log</td> <td>8</td> <td>84</td> </tr> <tr> <td>Red Maple</td> <td>10</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Basswood</td> <td>15</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Sugar Maple	65	Pole/Log	8	84	Red Maple	10	Pole/Log	8		Basswood	15	Log/Pole	10		<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>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Ironwood</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Sugar Maple</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Low	Variable	Sapling	Ironwood	Low	Variable	Sapling	Sugar Maple	Low	Variable	Sapling																			
Canopy Species	% Cover	Size Class	DBH	Age																																																						
Sugar Maple	65	Pole/Log	8	84																																																						
Red Maple	10	Pole/Log	8																																																							
Basswood	15	Log/Pole	10																																																							
Sub-Canopy Species	Density	Avg. Height	Size																																																							
Balsam Fir	Low	Variable	Sapling																																																							
Ironwood	Low	Variable	Sapling																																																							
Sugar Maple	Low	Variable	Sapling																																																							
<b>68</b>	4130 - Aspen	Poletimber Well	25.0	33	Unspecified	N/A	Rock knob has most of the hardwoods on it. Black Creek four wheeler trail runs through the N part of the 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>Quaking Aspen</td> <td>75</td> <td>Pole/Sapling</td> <td>6</td> <td>33</td> </tr> <tr> <td>Basswood</td> <td>6</td> <td>Log/Pole</td> <td>14</td> <td></td> </tr> <tr> <td>Sugar Maple</td> <td>6</td> <td>Log/Pole</td> <td>11</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	75	Pole/Sapling	6	33	Basswood	6	Log/Pole	14		Sugar Maple	6	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>Ironwood</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Leatherwood</td> <td>Low</td> <td>&lt; 5 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Red Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Black Cherry</td> <td>Trace</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Trace</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Ironwood	Low	Variable	Sapling	Balsam Fir	Medium	Variable	Sapling	Leatherwood	Low	< 5 feet	Tall Shrub	White Pine	Low	Variable	Sapling	Red Pine	Low	Variable	Sapling	Black Cherry	Trace	Variable	Sapling	Red Maple	Trace	Variable	Sapling			
Canopy Species	% Cover	Size Class	DBH	Age																																																						
Quaking Aspen	75	Pole/Sapling	6	33																																																						
Basswood	6	Log/Pole	14																																																							
Sugar Maple	6	Log/Pole	11																																																							
Sub-Canopy Species	Density	Avg. Height	Size																																																							
Ironwood	Low	Variable	Sapling																																																							
Balsam Fir	Medium	Variable	Sapling																																																							
Leatherwood	Low	< 5 feet	Tall Shrub																																																							
White Pine	Low	Variable	Sapling																																																							
Red Pine	Low	Variable	Sapling																																																							
Black Cherry	Trace	Variable	Sapling																																																							
Red Maple	Trace	Variable	Sapling																																																							



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

**69** 4311 - Pine, Aspen Mix Poletimber Well 8.3 65 51-80 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	15	Log/Pole	12		Balsam Fir	Medium	Variable	Sapling
Red Pine	20	Pole/Log	12		White Pine	Low	Variable	Sapling
Quaking Aspen	20	Pole/Log	8	65	Red Pine	Low	10 - 20 feet	Sapling
Red Maple	10	Pole	8					
Bigtooth Aspen	15	Log/Pole	10					
Balsam Fir	10	Pole	6					

**70** 4199 - Other Mixed Upland Deciduous Sawtimber Well 9.7 95 81-110 N/A

Trace of Hemlock, Cedar, White spruce. Most of the Balsam has fallen out of the stand. Bed and bank to cross to access this stand.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	15	Pole	8		Balsam Fir	Low	Variable	Sapling
Paper Birch	10	Log/Pole	10		White Spruce	Low	Variable	Sapling
White Pine	10	Log/Pole	12		White Pine	Low	Variable	Sapling
Quaking Aspen	10	Log/Pole	11		Ironwood	Low	Variable	Sapling
Red Oak	15	Log	14	95				
Sugar Maple	15	Pole/Log	9					
Basswood	10	Log/Pole	10					
Bigtooth Aspen	10	Log/Pole	12					

**71** 4131 - Aspen, Oak Sawtimber Well 16.8 95 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Oak	30	Log/Pole/XLog	16		Balsam Fir	Low	Variable	Sapling
Bigtooth Aspen	60	Log	12	95	White Spruce	Low	Variable	Sapling
					Sugar Maple	Low	Variable	Sapling
					Ironwood	Medium	Variable	Sapling