



# Compartment Review Presentation

## Crystal Falls Forest Management Unit

Compartment 12053

Entry Year 2023

Acreage: 2,641

County Dickinson

Management Area: Ralph Ground Moraine

---

**Revision Date:** 2021-08-16

**Stand Examiner:**

**Legal Description:**

Sections 5-8 & 17-18, T42N-R29W and sections 31-32, T43N-R29W

**Identified Planning Goals:**

Our management goals in this compartment are to develop age class distribution in aspen types, maintain health of conifer types and increase acreage where possible, and to develop the quality while maintaining diversity in hardwood types.

**Soil and topography:**

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

Compartment is solid state ownership, except one forty acre private parcel. Lands are used for forest products and hunting. Snowmobile trail passes through compartment. The west and south sides of the compartment are bordered with private parcels. These parcels contain camps and a few full time residents.

**Unique Natural Features:**

None.

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

**Special Management Designations or Considerations:**

None.

**Watershed and Fisheries Considerations:**

The northern boundary of the compartment runs along an unnamed stream that is technically a Type 1 trout stream. However, this stream is heavily impacted by beaver activity with impoundments at multiple locations creating unsuitable habitat for trout. Consequently, 100 foot buffer is recommended rather than the typical 300 foot buffer on designated trout streams. Warren Pond, Fisheries Division's walleye rearing pond, is also within this compartment and should also have a 100 foot buffer. A portion of the compartment borders the North Branch of the Sturgeon River, another Type 1 trout stream. This area is also heavily impacted by beaver and should get a 100 foot buffer as well.

**Wildlife Habitat Considerations:**

All species of wildlife need to be considered and a full range of habitat conditions should be provided. Conditions from early-successional to old growth must be provided to meet these needs. Riparian and transition zones were set aside in prior years of entry to provide some of these habitat requirements. Upland and lowland conifer components should be maintained and enhanced when possible. Opening maintenance will be completed as logistics allow.

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

No known potential exists for commercial oil & gas production in this part of the state. The closest active sand/gravel pit is approximately three miles to the southwest. There appears to be some good potential for sand & gravel within the compartment. Past iron ore exploration has occurred in the area of the compartment, but the closest historical mining is Groveland Mine, roughly three miles south. There may be some potential for iron ore beneath the compartment, but it does not appear to be anything economically significant. Potential for other metallic minerals beneath the compartment is unknown but is considered low at this time. State-owned mineral rights within the compartment have been leased in the past. Currently, active metallic mineral leases occur just over two miles to the southwest. The State does not own all the 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:**

Vehicle access is from Wells Grade and two tract roads off of Wells Grade.

**Survey Needs:**

None.

**Recreational Facilities and Opportunities:**

Snowmobile trail. Hunting.

**Fire Protection:**

**Additional Compartment Information:**

None.

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

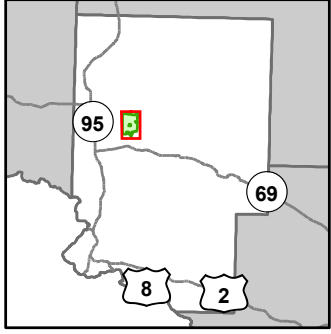
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

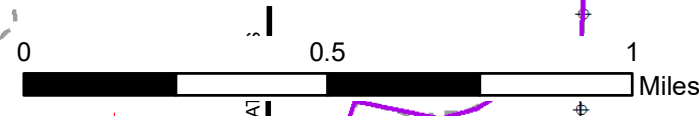
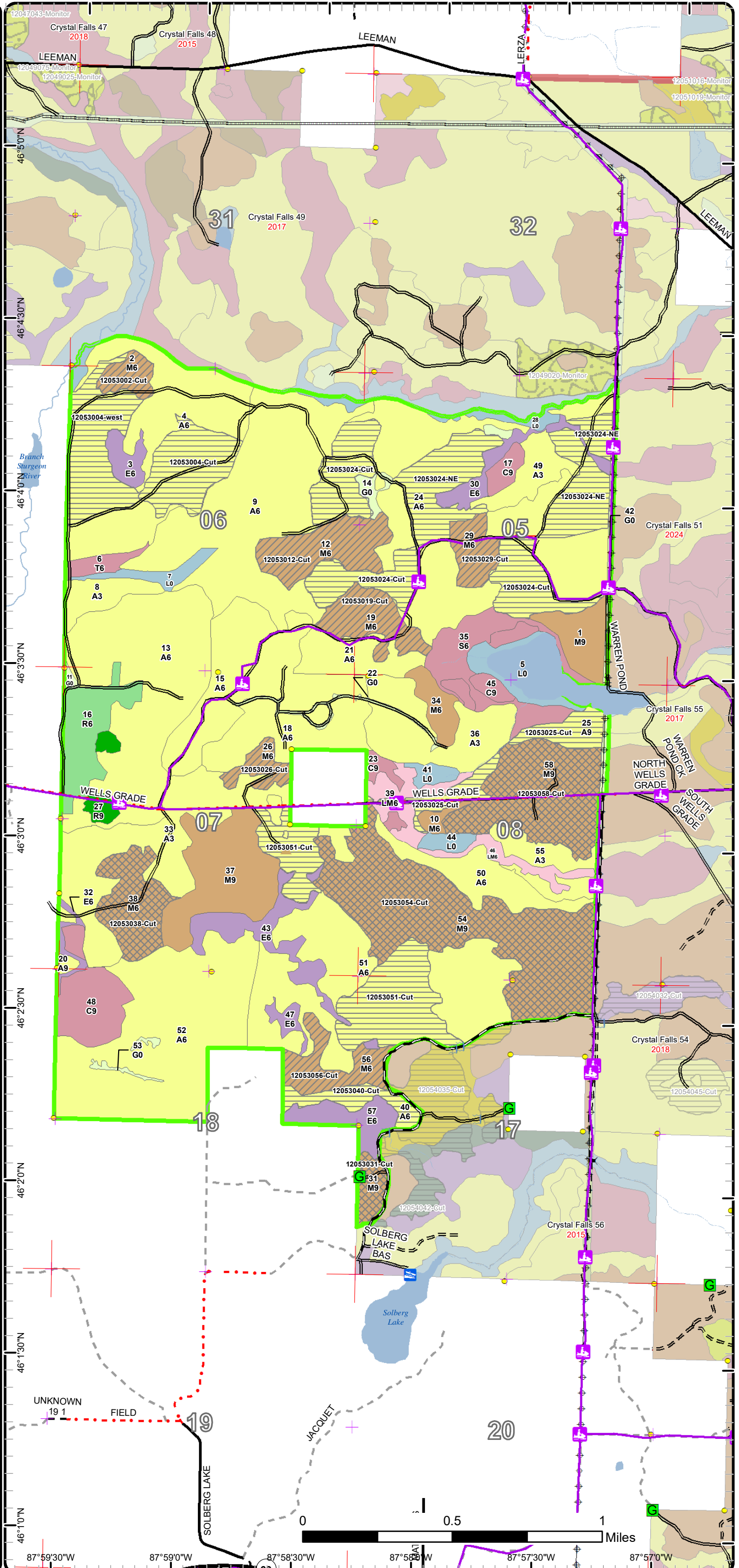
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

# Cover Type & Treatments Map

Compartment: 53  
 T42N, R29W, Sec. 5-8, 17, 18  
 T43N, R29W, Sec. 31, 32  
 County: Dickinson  
 Unit: Crystal Falls  
 Mgmt Area: Ralph Ground Moraine  
 YOE: 2023  
 Acres: 2640.9 GIS Calculated  
 Examiner: Scott Sebero  
 Map Revised: 12/28/2021  
 Map Phase: Post-Review



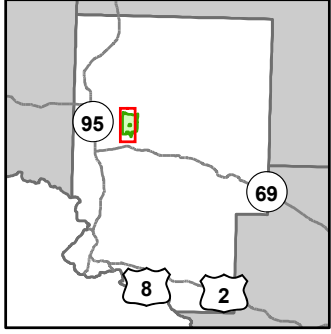
- Miris Corners
- ⊕ Remonumented Section Corners
- Survey Grade Corners
- - - Counties
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- · - · County - Gravel Road
- - - County - Dirt Road (Seasonal)
- - - Private - Dirt / Gravel Road
- ⊕ Snowmobile Trails
- ⊕ Designated Snowmobile Trails
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- ▲ Berms
- ⊕ Gate
- ⊕ Boating Access Site
- ⊕ Bridges
- ⊕ Culvert
- ⊕ Powerline
- ⊕ Compartment Boundary
- ▨ Selection (Group, Single Tree)
- ▨ Clearcut (w/Reserves)
- ▨ Thinning (Crown, Low, Systematic)
- 411 - Northern Hardwood
- 413 - Aspen
- 421 - Planted Pines
- 422 - Natural Pines
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 310 - Herbaceous Openland
- 622 - Lowland Shrub



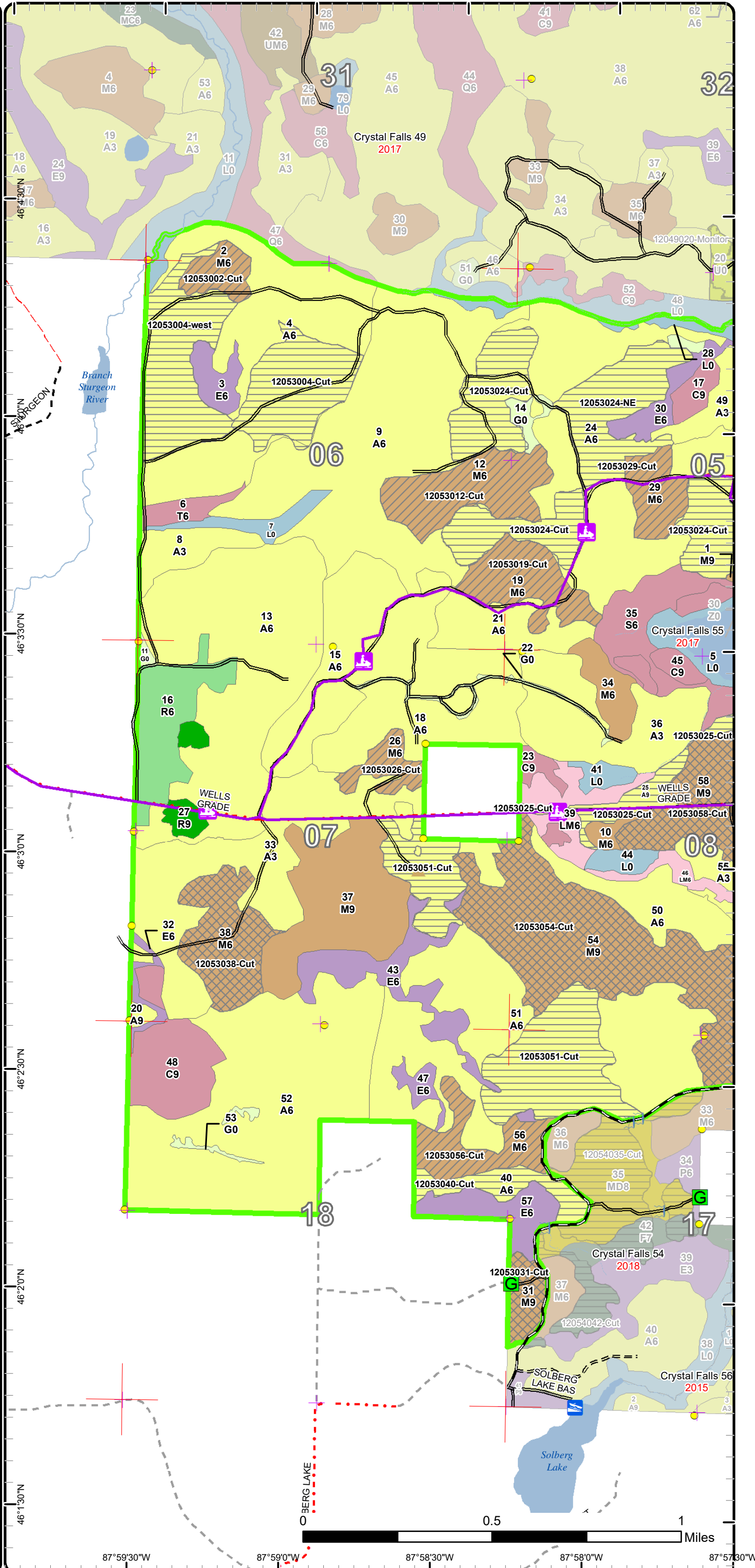
87°59'30"W    87°59'0"W    87°58'30"W    87°58'0"W    87°57'30"W    87°57'0"W

# Cover Type & Treatments Map

Compartment: 53  
 T42N, R29W, Sec. 5-8, 17, 18  
 T43N, R29W, Sec. 31, 32  
 County: Dickinson  
 Unit: Crystal Falls  
 Mgmt Area: Ralph Ground Moraine  
 YOE: 2023  
 Acres: 2640.9 GIS Calculated  
 Examiner: Scott Sebero  
 Map Revised: 12/28/2021  
 Map Phase: Post-Review



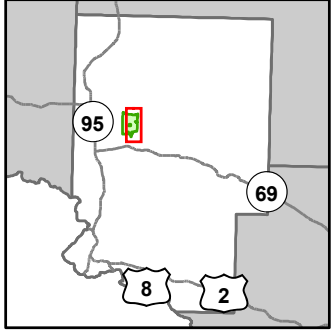
- Miris Corners
- Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State - Dirt / Gravel Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Snowmobile Trails
- Designated Snowmobile Trails
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Berms
- Gate
- Boating Access Site
- Culvert
- Compartment Boundary
- Selection (Group, Single Tree)
- Clearcut (w/Reserves)
- Thinning (Crown, Low, Systematic)
- 411 - Northern Hardwood
- 413 - Aspen
- 421 - Planted Pines
- 422 - Natural Pines
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 310 - Herbaceous Openland
- 622 - Lowland Shrub



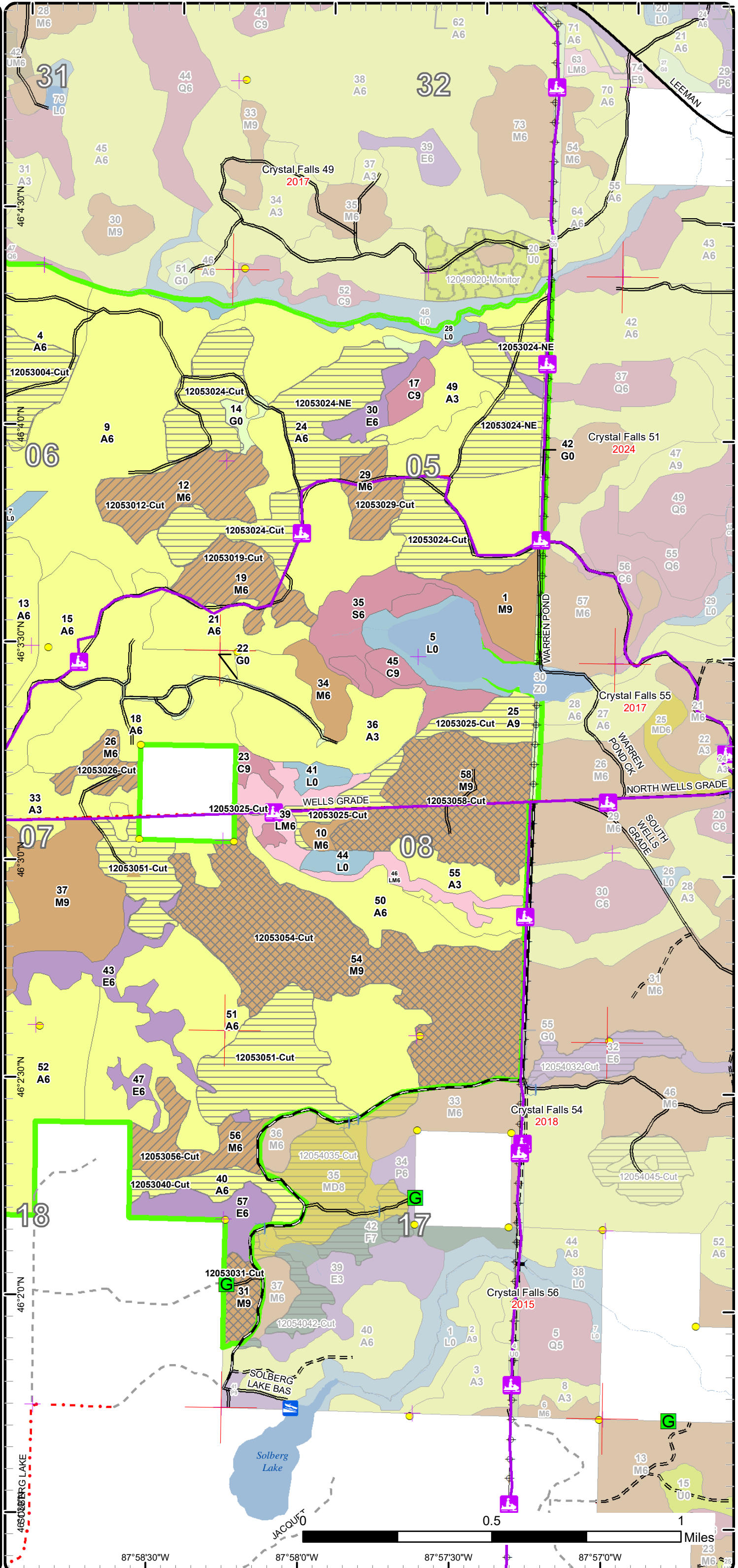
87°59'30"W    87°59'0"W    87°58'30"W    87°58'0"W    87°57'30"W  
 0.5    1 Miles

# Cover Type & Treatments Map

Compartment: 53  
 T42N, R29W, Sec. 5-8, 17, 18  
 T43N, R29W, Sec. 31, 32  
 County: Dickinson  
 Unit: Crystal Falls  
 Mgmt Area: Ralph Ground Moraine  
 YOE: 2023  
 Acres: 2640.9 GIS Calculated  
 Examiner: Scott Sebero  
 Map Revised: 12/28/2021  
 Map Phase: Post-Review



- Miris Corners
- Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Snowmobile Trails
- Designated Snowmobile Trails
- Intermittent Stream
- Lake/Pond
- Lakes and Rivers
- Berms
- Gate
- Boating Access Site
- Bridges
- Culvert
- Powerline
- Compartment Boundary
- Selection (Group, Single Tree)
- Clearcut (w/Reserves)
- Thinning (Crown, Low, Systematic)
- 411 - Northern Hardwood
- 413 - Aspen
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 310 - Herbaceous Openland
- 622 - Lowland Shrub

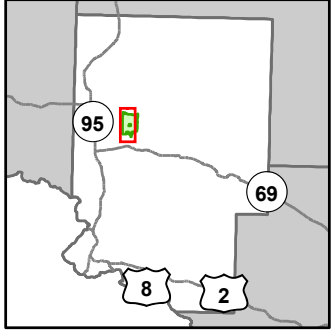


87°58'30"W 87°58'0"W 87°57'30"W 87°57'0"W

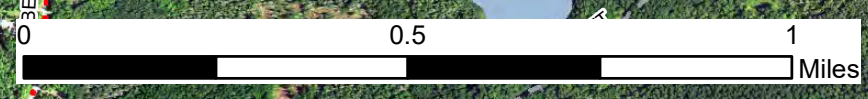
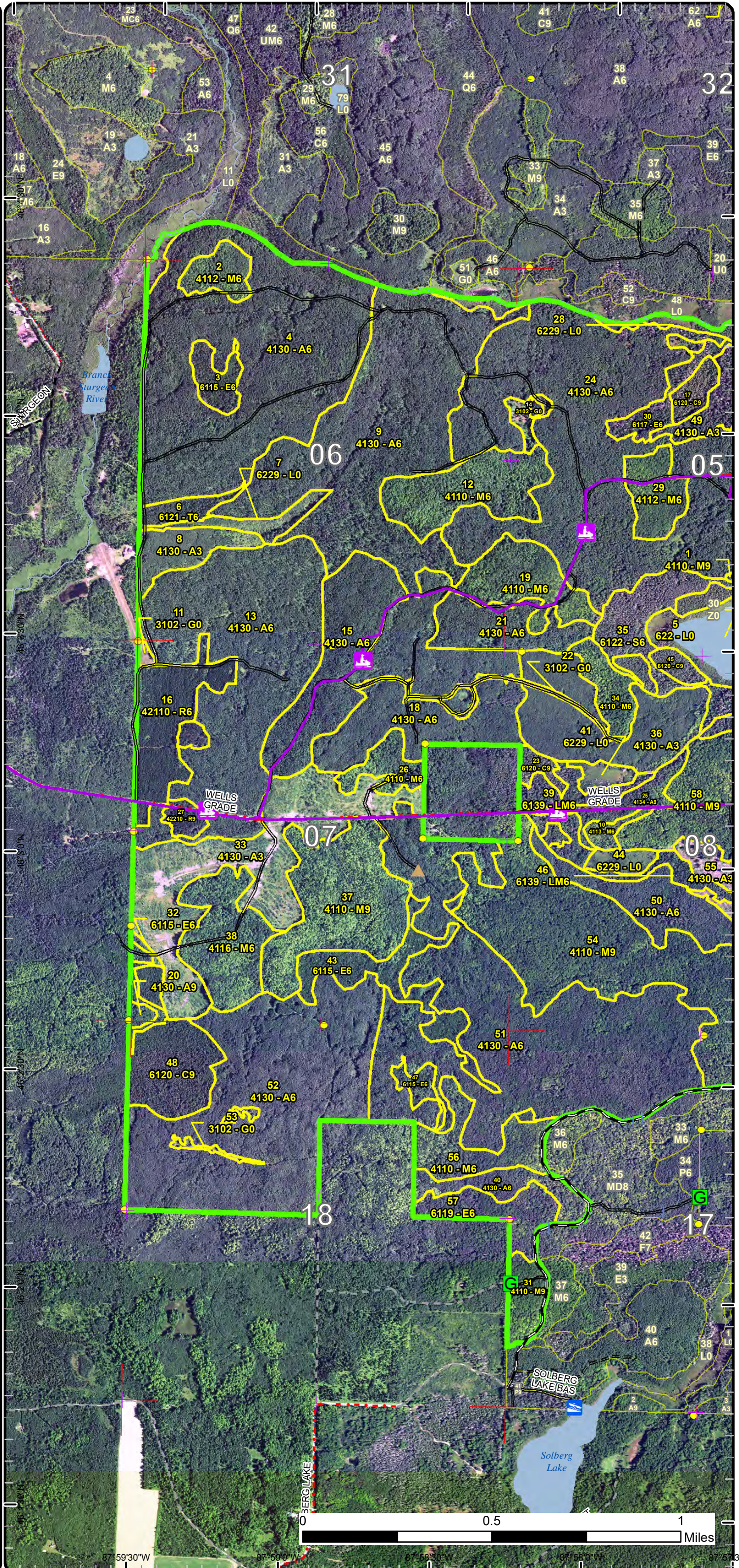
0.5 1 Miles

# Stand Boundary Map

Compartment: 53  
 T42N, R29W, Sec. 5-8, 17, 18  
 T43N, R29W, Sec. 31, 32  
 County: Dickinson  
 Unit: Crystal Falls  
 Mgmt Area: Ralph Ground Moraine  
 YOE: 2023  
 Acres: 2640.9 GIS Calculated  
 Examiner: Scott Sebero  
 Map Revised: 12/28/2021  
 Map Phase: Post-Review



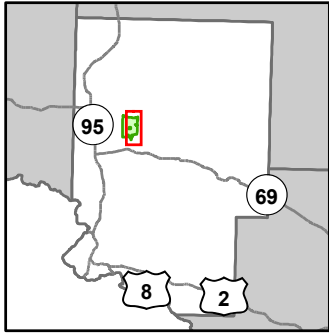
- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State - Dirt / Gravel Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Snowmobile Trails
- Designated Snowmobile Trails
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- ▲ Berms
- G Gate
- Boating Access Site
- Culvert
- Compartment Boundary
- Stand Boundaries
- 411 - Northern Hardwood
- 413 - Aspen
- 421 - Planted Pines
- 422 - Natural Pines
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 310 - Herbaceous Openland
- 622 - Lowland Shrub



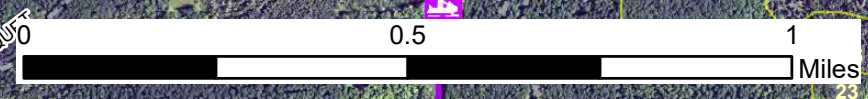
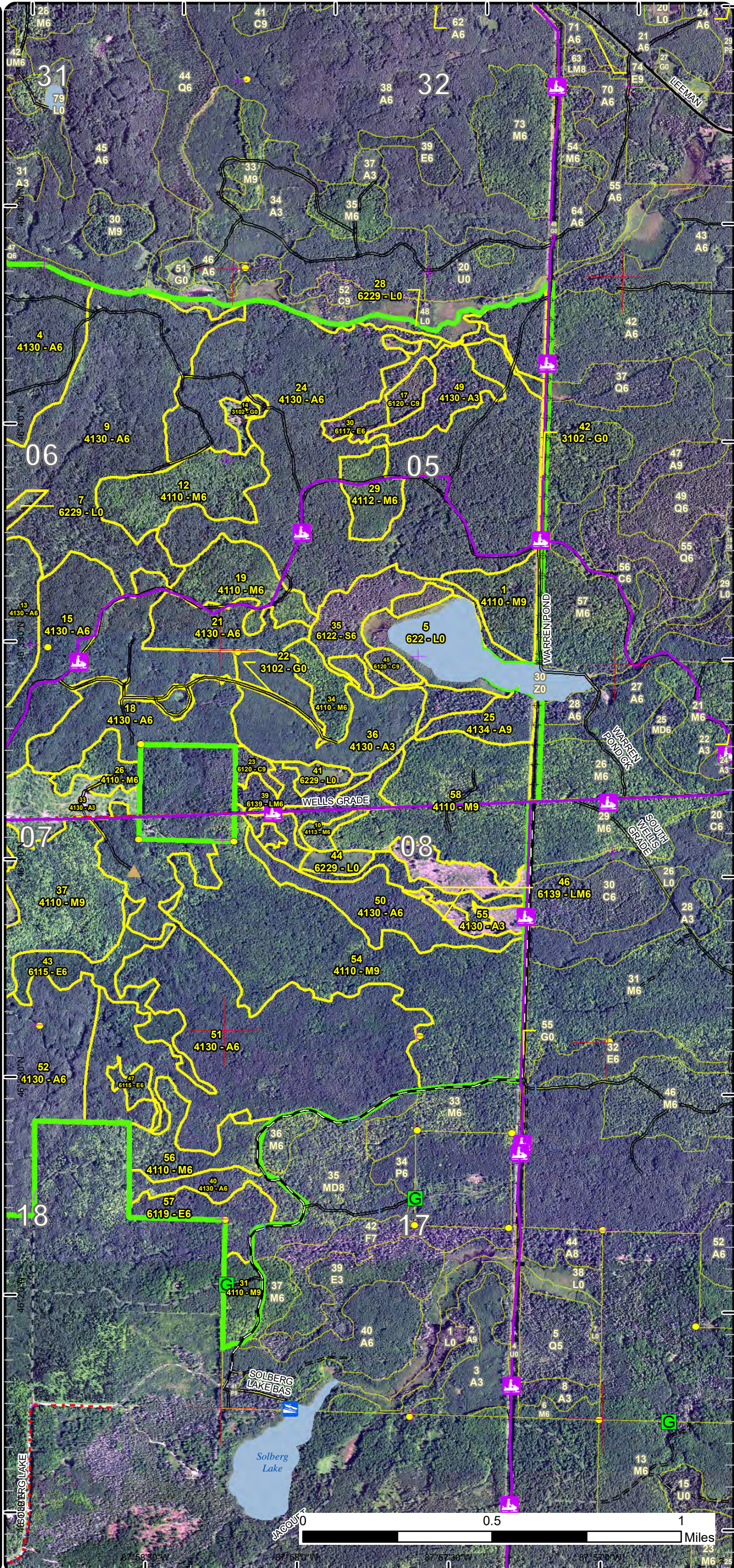
87°59'30"W 87°59'00"W 87°58'30"W 87°58'00"W 87°57'30"W

# Stand Boundary Map

Compartment: 53  
 T42N, R29W, Sec. 5-8, 17, 18  
 T43N, R29W, Sec. 31, 32  
 County: Dickinson  
 Unit: Crystal Falls  
 Mgmt Area: Ralph Ground Moraine  
 YOY: 2023  
 Acres: 2640.9 GIS Calculated  
 Examiner: Scott Sebero  
 Map Revised: 12/28/2021  
 Map Phase: Post-Review



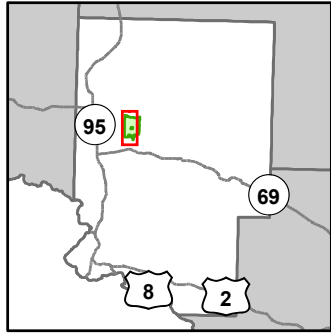
- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- + Snowmobile Trails
- Designated Snowmobile Trails
- Intermittent Stream
- Lake/Pond
- Lakes and Rivers
- ▲ Berms
- G Gate
- B Boating Access Site
- Bridges
- Culvert
- Powerline
- Compartment Boundary
- Stand Boundaries
- 411 - Northern Hardwood
- 413 - Aspen
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 310 - Herbaceous Openland
- 622 - Lowland Shrub



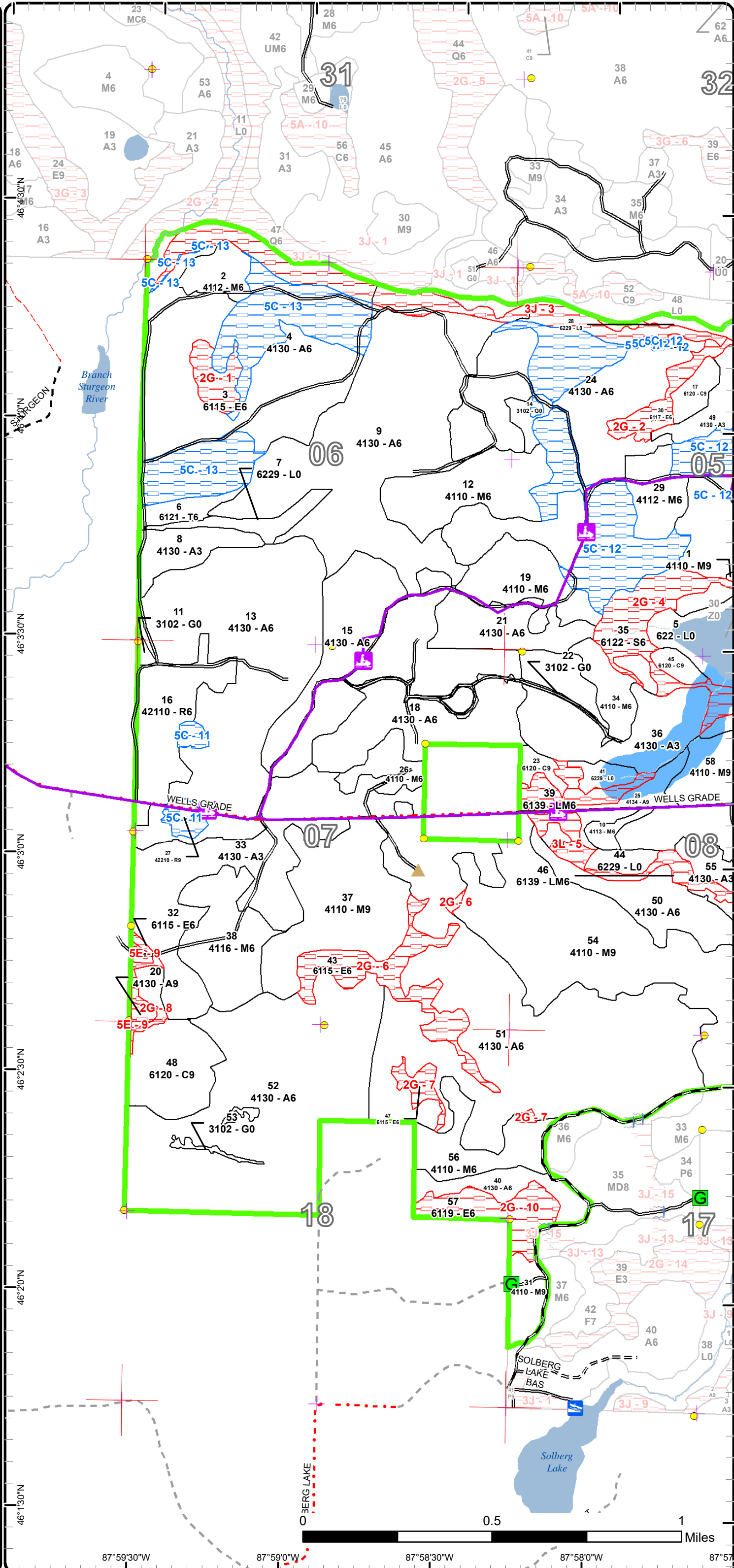
87°58'30"W 87°58'00"W 87°57'30"W 87°57'00"W

# Special Conservation Areas

Compartment: 53  
 T42N, R29W, Sec. 5-8, 17, 18  
 T43N, R29W, Sec. 31, 32  
 County: Dickinson  
 Unit: Crystal Falls  
 Mgmt Area: Ralph Ground Moraine  
 YOE: 2023  
 Acres: 2640.9 GIS Calculated  
 Examiner: Scott Sebero  
 Map Revised: 12/28/2021  
 Map Phase: Post-Review



- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State - Dirt / Gravel Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Snowmobile Trails
- Designated Snowmobile Trails
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- ▲ Berms
- G Gate
- B Boating Access Site
- C Culvert
- Compartment Boundary
- Available w/ Constraints
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- Unavailable
- 2G: Too wet (sensitive soils, does not include access issues)
- 3J: Water quality / BMPs (stream, river, or lake)
- 3L: Other wildlife concerns
- 5E: Long-Term Retention
- Stand Boundaries
- Cold Water Streams
- Cold Water Lakes
- High Priority Trout Stream Buffer

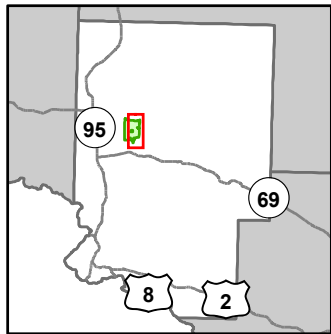


87°59'30"W    87°59'0"W    87°58'30"W    87°58'0"W    87°57'30"W  
 46°43'0"N    46°42'30"N    46°42'0"N    46°41'30"N    46°41'0"N

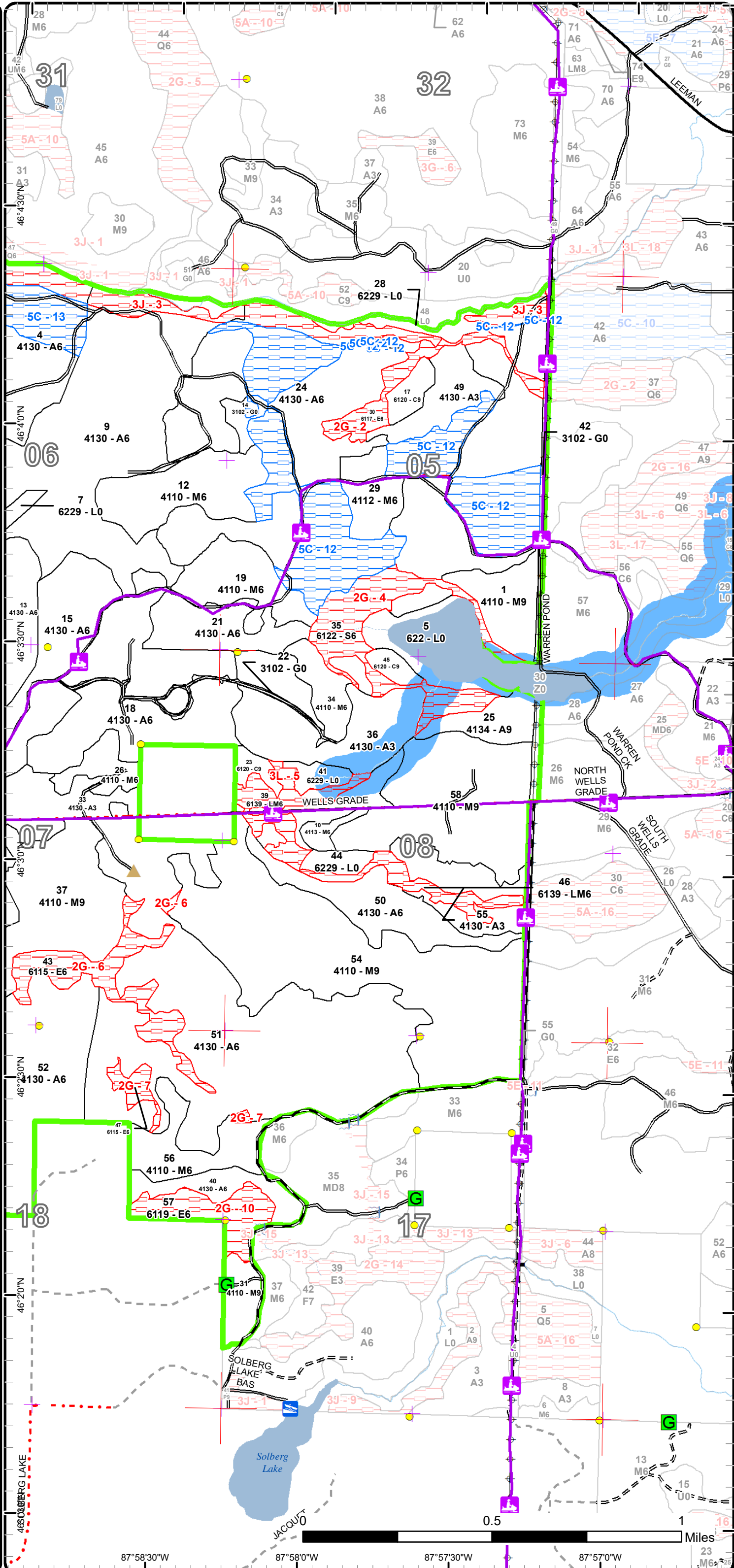


# Special Conservation Areas

Compartment: 53  
 T42N, R29W, Sec. 5-8, 17, 18  
 T43N, R29W, Sec. 31, 32  
 County: Dickinson  
 Unit: Crystal Falls  
 Mgmt Area: Ralph Ground  
 Moraine  
 YOE: 2023  
 Acres: 2640.9 GIS Calculated  
 Examiner: Scott Sebero  
 Map Revised: 12/28/2021  
 Map Phase: Post-Review



- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Snowmobile Trails
- Designated Snowmobile Trails
- Intermittent Stream
- Lake/Pond
- Lakes and Rivers
- ▲ Berms
- G Gate
- B Boating Access Site
- Bridges
- Culvert
- Powerline
- Compartment Boundary
- Available w/ Constraints
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- Unavailable
- 2G: Too wet (sensitive soils, does not include access issues)
- 3J: Water quality / BMPs (stream, river, or lake)
- 3L: Other wildlife concerns
- Stand Boundaries
- Cold Water Streams
- Cold Water Lakes
- High Priority Trout Stream Buffer



46°53'30"N  
 46°52'30"N  
 46°51'30"N  
 46°50'30"N  
 46°49'30"N  
 46°48'30"N  
 46°47'30"N  
 46°46'30"N  
 46°45'30"N  
 46°44'30"N  
 46°43'30"N  
 46°42'30"N  
 46°41'30"N  
 46°40'30"N  
 46°39'30"N  
 46°38'30"N  
 46°37'30"N  
 46°36'30"N  
 46°35'30"N  
 46°34'30"N  
 46°33'30"N  
 46°32'30"N  
 46°31'30"N  
 46°30'30"N  
 46°29'30"N  
 46°28'30"N  
 46°27'30"N  
 46°26'30"N  
 46°25'30"N  
 46°24'30"N  
 46°23'30"N  
 46°22'30"N  
 46°21'30"N  
 46°20'30"N

87°58'30"W  
 87°58'0"W  
 87°57'30"W  
 87°57'0"W  
 87°56'30"W  
 87°56'0"W  
 87°55'30"W  
 87°55'0"W  
 87°54'30"W  
 87°54'0"W  
 87°53'30"W  
 87°53'0"W  
 87°52'30"W  
 87°52'0"W  
 87°51'30"W  
 87°51'0"W  
 87°50'30"W  
 87°50'0"W  
 87°49'30"W  
 87°49'0"W  
 87°48'30"W  
 87°48'0"W  
 87°47'30"W  
 87°47'0"W  
 87°46'30"W  
 87°46'0"W  
 87°45'30"W  
 87°45'0"W  
 87°44'30"W  
 87°44'0"W  
 87°43'30"W  
 87°43'0"W  
 87°42'30"W  
 87°42'0"W  
 87°41'30"W  
 87°41'0"W  
 87°40'30"W  
 87°40'0"W  
 87°39'30"W  
 87°39'0"W  
 87°38'30"W  
 87°38'0"W  
 87°37'30"W  
 87°37'0"W  
 87°36'30"W  
 87°36'0"W  
 87°35'30"W  
 87°35'0"W  
 87°34'30"W  
 87°34'0"W  
 87°33'30"W  
 87°33'0"W  
 87°32'30"W  
 87°32'0"W  
 87°31'30"W  
 87°31'0"W  
 87°30'30"W  
 87°30'0"W  
 87°29'30"W  
 87°29'0"W  
 87°28'30"W  
 87°28'0"W  
 87°27'30"W  
 87°27'0"W  
 87°26'30"W  
 87°26'0"W  
 87°25'30"W  
 87°25'0"W  
 87°24'30"W  
 87°24'0"W  
 87°23'30"W  
 87°23'0"W  
 87°22'30"W  
 87°22'0"W  
 87°21'30"W  
 87°21'0"W  
 87°20'30"W  
 87°20'0"W  
 87°19'30"W  
 87°19'0"W  
 87°18'30"W  
 87°18'0"W  
 87°17'30"W  
 87°17'0"W  
 87°16'30"W  
 87°16'0"W  
 87°15'30"W  
 87°15'0"W  
 87°14'30"W  
 87°14'0"W  
 87°13'30"W  
 87°13'0"W  
 87°12'30"W  
 87°12'0"W  
 87°11'30"W  
 87°11'0"W  
 87°10'30"W  
 87°10'0"W  
 87°9'30"W  
 87°9'0"W  
 87°8'30"W  
 87°8'0"W  
 87°7'30"W  
 87°7'0"W  
 87°6'30"W  
 87°6'0"W  
 87°5'30"W  
 87°5'0"W  
 87°4'30"W  
 87°4'0"W  
 87°3'30"W  
 87°3'0"W  
 87°2'30"W  
 87°2'0"W  
 87°1'30"W  
 87°1'0"W  
 87°0'30"W  
 87°0'0"W

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	144	77	92	325	1027	4	0	0	30	0	0	0	0	0	0	0	0	1699
Cedar	0	0	0	0	0	0	0	0	0	0	28	0	37	0	0	0	0	0	65
Herbaceous Openland	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30
Lowland Deciduous	0	0	0	0	0	0	92	0	0	0	0	0	0	0	0	0	0	0	92
Lowland Mixed Forest	0	0	0	0	0	0	20	0	13	0	0	0	0	0	0	0	0	0	33
Lowland Shrub	69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	69
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	40	0	0	0	0	0	0	0	0	0	40
Northern Hardwood	0	0	0	0	0	5	0	0	0	0	168	384	0	0	0	0	0	0	557
Red Pine	0	0	0	38	0	0	0	0	0	9	0	0	0	0	0	0	0	0	47
Tamarack	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	8
<b>Total</b>	<b>99</b>	<b>144</b>	<b>77</b>	<b>130</b>	<b>325</b>	<b>1032</b>	<b>124</b>	<b>0</b>	<b>53</b>	<b>39</b>	<b>196</b>	<b>384</b>	<b>37</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2640</b>



## Report 2 – Treatment Summary

Crystal Falls Mgt. Unit  
Year of Entry: 2023

Compartment 53  
Total Compartment Acres: 2,641

### Acres of Harvest

Commercial Harvest - 843  
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	398	0	0	0	0	0	0	0	0	398
Northern Hardwood	0	302	0	0	0	144	0	0	0	446
<b>Total</b>	<b>398</b>	<b>302</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>144</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>843</b>

### Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	843	0	0	0	0	0	0	0	0	843
Next Step	0	0	0	0	0	0	700	0	0	700
<b>Total</b>	<b>843</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>700</b>	<b>0</b>	<b>0</b>	<b>1543</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
----------------	-------	-----------------	--------------	-----------	----------	----------------	------------------	----------------------	---------------	-------------

**Approved Treatments:**

<b>2</b>	<b>12053002-Cut</b>	12.6	4112 - Maple, Beech, Cherry Association	Poletimber Well	90	111-140	Harvest	Crown Thinning	411 - Northern Hardwood	Even-Aged	No
<p><u>Prescription</u> Mark to 80 BA.  <u>Specs:</u>  <u>Next Step</u>  <u>Treatments:</u>  <u>Acceptable</u>  <u>Regen:</u>  <u>Other</u>  <u>Comment:</u>  <u>Site Condition</u>  <u>Proposed Start Date:</u> 10/1 /2022</p>											

<b>4</b>	<b>12053004-Cut</b>	42.2	4130 - Aspen	Poletimber Well	48	81-110	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Final Harvest using 4" spec. Leave Cedar, Hemlock, Oak, Pine if found  <u>Specs:</u>  <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)  <u>Treatments:</u>  <u>Acceptable</u> Aspen, Mixed Conifers, Mixed Deciduous  <u>Regen:</u>  <u>Other</u>  <u>Comment:</u>  <u>Site Condition</u>  <u>Proposed Start Date:</u> 6 /14/2018</p>											

<b>4</b>	<b>12053004-west</b>	53.0	4130 - Aspen	Poletimber Well	48	81-110	Harvest	Clearcut with Retention	4134 - Aspen, Spruce/Fir	Even-Aged	No
<p><u>Prescription</u> Cut all aspen and mixed hardwood with one or more pulpwood sticks. Cut all spruce and balsam with two or more pulpwood sticks. No red  <u>Specs:</u> or white pine or cedar will be cut.  <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)  <u>Treatments:</u>  <u>Acceptable</u> Mix of aspen, fir and hardwood.  <u>Regen:</u>  <u>Other</u> Red line out any ash drains.  <u>Comment:</u>  <u>Site Condition</u>  <u>Proposed Start Date:</u> 10/1 /2022</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
----------------	-------	-----------------	--------------	-----------	----------	----------------	------------------	----------------------	---------------	-------------

12	12053012-Cut	40.8	4110 - Sugar Maple Association	Poletimber Well	100	111-140	Harvest	Crown Thinning	411 - Northern Hardwood	Even-Aged	No
----	--------------	------	--------------------------------	-----------------	-----	---------	---------	----------------	-------------------------	-----------	----

Prescription Mark to 80 BA. Leave birch with two sticks or less.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2022

19	12053019-Cut	31.1	4110 - Sugar Maple Association	Poletimber Well	90	111-140	Harvest	Crown Thinning	411 - Northern Hardwood	Even-Aged	No
----	--------------	------	--------------------------------	-----------------	----	---------	---------	----------------	-------------------------	-----------	----

Prescription Mark to 80 BA. Leave birch with two sticks or less.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2022

24	12053024-Cut	89.3	4130 - Aspen	Poletimber Well	48	81-110	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
----	--------------	------	--------------	-----------------	----	--------	---------	-------------------------	-------------	-----------	----

Prescription Final Harvest using 4" spec. Leave Cedar, Hemlock, Oak, Pine if found. 300 ft buffer to E. Br. Sturgeon river on north portion of stand 24 cut

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Aspen, Mixed Conifers, Mixed Deciduous

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 6 /13/2018

24	12053024-NE	83.1	4130 - Aspen	Poletimber Well	48	81-110	Harvest	Clearcut with Retention	4134 - Aspen, Spruce/Fir	Even-Aged	No
----	-------------	------	--------------	-----------------	----	--------	---------	-------------------------	--------------------------	-----------	----

Prescription Cut all aspen and mixed hardwood with one or more pulpwood sticks. Cut all spruce and balsam with two or more pulpwood sticks. No red or white pine or cedar will be cut.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Mix of aspen, fir and hardwood.

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2022



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>25</b>	<b>12053025-Cut</b>	30.0	4134 - Aspen, Spruce/Fir	Sawtimber Well	80	81-110	Harvest	Clearcut with Retention	4134 - Aspen, Spruce/Fir	Even-Aged	No
-----------	---------------------	------	--------------------------	----------------	----	--------	---------	-------------------------	--------------------------	-----------	----

Prescription Cut all aspen and mixed hardwood with one or more pulpwood sticks. Cut all spruce and balsam with two or more pulpwood sticks. No red or white pine or cedar will be cut.  
Specs:

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

Acceptable Mix of aspen, fir and hardwood.  
Regen:

Other  
Comment:

Site Condition

Proposed Start Date: 10/1 /2022

<b>26</b>	<b>12053026-Cut</b>	12.5	4110 - Sugar Maple Association	Poletimber Well	90	111-140	Harvest	Crown Thinning	411 - Northern Hardwood	Even-Aged	No
-----------	---------------------	------	--------------------------------	-----------------	----	---------	---------	----------------	-------------------------	-----------	----

Prescription Mark to 80 BA.  
Specs:

Next Step  
Treatments:

Acceptable  
Regen:

Other  
Comment:

Site Condition

Proposed Start Date: 10/1 /2022

<b>29</b>	<b>12053029-Cut</b>	18.8	4112 - Maple, Beech, Cherry Association	Poletimber Well	100	111-140	Harvest	Crown Thinning	411 - Northern Hardwood	Even-Aged	No
-----------	---------------------	------	---	-----------------	-----	---------	---------	----------------	-------------------------	-----------	----

Prescription Mark to 80 BA.  
Specs:

Next Step  
Treatments:

Acceptable  
Regen:

Other  
Comment:

Site Condition

Proposed Start Date: 10/1 /2022

<b>31</b>	<b>12053031-Cut</b>	13.3	4110 - Sugar Maple Association	Sawtimber Well	90	141-170	Harvest	Single Tree Selection	411 - Northern Hardwood	Even-Aged	No
-----------	---------------------	------	--------------------------------	----------------	----	---------	---------	-----------------------	-------------------------	-----------	----

Prescription Mark to 80 BA.  
Specs:

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

Acceptable Mix of hardwood and fir.  
Regen:

Other  
Comment:

Site Condition

Proposed Start Date: 10/1 /2022

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>38 12053038-Cut</b>	39.7	4116 - Mixed N. Hardwood - Aspen	Poletimber Well	105	111- 140	Harvest	Single Tree Selection	4116 - Mixed N. Hardwood - Aspen	Uneven- Aged	No
<u>Prescription</u> Mark hardwood to 80 BA. Cut all aspen with one or more pulpwood stick. Leave all conifer.										
<u>Specs:</u>										
<u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)										
<u>Treatments:</u>										
<u>Acceptable</u> Mix of maple, aspen and fir.										
<u>Regen:</u>										
<u>Other</u>										
<u>Comment:</u>										
<u>Site Condition</u>										
<u>Proposed Start Date:</u> 10/1 /2022										
<b>40 12053040-Cut</b>	17.6	4130 - Aspen	Poletimber Well	47	Unspec ified	Harvest	Clearcut with Retention	4134 - Aspen, Spruce/Fir	Even-Aged	No
<u>Prescription</u> Cut all aspen and mixed hardwood with one or more pulpwood sticks. Cut all spruce and balsam with two or more pulpwood sticks. No red										
<u>Specs:</u> or white pine or cedar will be cut.										
<u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)										
<u>Treatments:</u>										
<u>Acceptable</u> Mix of aspen, fir and hardwood.										
<u>Regen:</u>										
<u>Other</u>										
<u>Comment:</u>										
<u>Site Condition</u>										
<u>Proposed Start Date:</u> 10/1 /2022										
<b>51 12053051-Cut</b>	82.3	4130 - Aspen	Poletimber Well	47	81-110	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<u>Prescription</u> Final Harvest using 4" spec. Leave Cedar, Hemlock, Oak, Pine if found										
<u>Specs:</u>										
<u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)										
<u>Treatments:</u>										
<u>Acceptable</u> Aspen, Mixed Conifers, Mixed Deciduous										
<u>Regen:</u>										
<u>Other</u>										
<u>Comment:</u>										
<u>Site Condition</u>										
<u>Proposed Start Date:</u> 6 /13/2018										
<b>54 12053054-Cut</b>	165.7	4110 - Sugar Maple Association	Sawtimber Well	105	111- 140	Harvest	Single Tree Selection	411 - Northern Hardwood	Even-Aged	No
<u>Prescription</u> Mark to 80 BA. Cut all aspen with one or more pulpwood stick. Leave all conifer.										
<u>Specs:</u>										
<u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)										
<u>Treatments:</u>										
<u>Acceptable</u> Mix of maple, aspen and fir.										
<u>Regen:</u>										
<u>Other</u>										
<u>Comment:</u>										
<u>Site Condition</u>										
<u>Proposed Start Date:</u> 10/1 /2022										



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>56 12053056-Cut</b>	27.9	4110 - Sugar Maple Association	Poletimber Well	100	111-140	Harvest	Crown Thinning	411 - Northern Hardwood	Even-Aged	No
<p><u>Prescription</u> Mark to 80 BA.  <u>Specs:</u>  <u>Next Step</u>  <u>Treatments:</u>  <u>Acceptable</u>  <u>Regen:</u>  <u>Other</u>  <u>Comment:</u>  <u>Site Condition</u>  <u>Proposed Start Date:</u> 10/1 /2022</p>										
<b>58 12053058-Cut</b>	83.5	4110 - Sugar Maple Association	Sawtimber Well	95	111-140	Harvest	Single Tree Selection	411 - Northern Hardwood	Even-Aged	No
<p><u>Prescription</u> Mark to 80 BA. Cut all aspen with one or more pulpwood stick. Leave all conifer.  <u>Specs:</u>  <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)  <u>Treatments:</u>  <u>Acceptable</u> Mix of maple, aspen and fir.  <u>Regen:</u>  <u>Other</u>  <u>Comment:</u>  <u>Site Condition</u>  <u>Proposed Start Date:</u> 10/1 /2022</p>										

**Total Treatment** 843.4  
**Acreage Proposed:**



## Report 4 – Site Conditions

Crystal Falls Mgt. Unit  
 Scott Sebero : Examiner

Compartment: 53  
 Year of Entry: 2023

### Availability for Management

Total Acres	Acres Available	Acres Avail		Acres Not Available	Dominant Site Conditions				
		With Condition			5C	2G	3J	3L	5E
1562	1362	<b>143</b>	58	Aspen	<b>143</b>		54		4
66	66	<b>0</b>	0	Cedar					
30	30	<b>0</b>	0	Herbaceous Openland					
92	0	<b>0</b>	92	Lowland Deciduous		92			
33	0	<b>0</b>	33	Lowland Mixed Forest				33	
69	69	<b>0</b>	0	Lowland Shrub					
40	0	<b>0</b>	40	Lowland Spruce/Fir		40			
557	557	<b>0</b>	0	Northern Hardwood					
47	38	<b>9</b>	0	Red Pine	<b>9</b>				
8	8	<b>0</b>	0	Tamarack					
2,504	2,130	<b>152</b>	223	Total Forested Acres	<b>152</b>	132	54	33	4
	85%	<b>6%</b>	9%	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	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	11	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
2	Unavailable	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	16	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

## Report 4 – Site Conditions

Crystal Falls Mgt. Unit  
 Scott Sebero : Examiner

Compartment: 53  
 Year of Entry: 2023

3	<b>Unavailable</b>	<b>3J: Water quality / BMPs (stream, river, or lake)</b>	54	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> 300 foot buffer for Fish Division.							
4	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	40	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
5	<b>Unavailable</b>	<b>3L: Other wildlife concerns</b>	33	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
6	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	32	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
7	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	7	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
8	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	5	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

## Report 4 – Site Conditions

Crystal Falls Mgt. Unit  
 Scott Sebero : Examiner

Compartment: 53  
 Year of Entry: 2023

9	Unavailable	5E: Long-Term Retention	4	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
10	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	22	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
11	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	9	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
12	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	120	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
13	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	69	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

Mgt. Unit

Compartment: #Type!

Year of Entry:



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

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

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

Comments



## Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS

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

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

Conservation Area	Type	Description
SCA	Cold Water Lake	A coldwater lake has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species to persist from year to year. Suitable conditions for coldwater fishes may occur in Michigan lakes if they are relatively deep, have substantial groundwater inflows, or are located in colder (northern) areas of the state. Such lakes are established by Director's action and designated as trout resources by Fisheries Order 200.
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species (e.g., slimy sculpin) to persist from year to year. Coldwater streams in Michigan typically provide these conditions due to substantial contributions of groundwater to their stream flows. Such streams are established by Director's action and designated as trout resources by Fisheries Order 210.
SCA	Riparian Area	A transitional area between aquatic and terrestrial ecosystems in which the terrestrial ecosystem influences the aquatic ecosystem and vice-versa. Because of the unique conditions adjacent to lakes, streams and open water wetlands, riparian areas harbor a high diversity of plants and wildlife. Riparian communities are ecologically and socially significant in their effects on water quality and quantity, as well as aesthetics, habitat, bank stability, timber production, and their contribution to overall biodiversity.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																	
1	4110 - Sugar Maple Association	Sawtimber Well	24.1	105	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>Sugar Maple</td> <td>70</td> <td>Log/Pole/Sap</td> <td>10</td> <td>105</td> </tr> <tr> <td>Red Maple</td> <td>10</td> <td>Log/Pole/Sap</td> <td>10</td> <td></td> </tr> <tr> <td>Basswood</td> <td>15</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Sugar Maple	70	Log/Pole/Sap	10	105	Red Maple	10	Log/Pole/Sap	10		Basswood	15	Log/Pole	10		Paper Birch	5	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>&lt; 5 feet</td> <td>Sapling</td> </tr> <tr> <td>Ironwood</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Low	< 5 feet	Sapling	Ironwood	Medium	5 - 10 feet	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																				
Sugar Maple	70	Log/Pole/Sap	10	105																																				
Red Maple	10	Log/Pole/Sap	10																																					
Basswood	15	Log/Pole	10																																					
Paper Birch	5	Log/Pole	10																																					
Sub-Canopy Species	Density	Avg. Height	Size																																					
Balsam Fir	Low	< 5 feet	Sapling																																					
Ironwood	Medium	5 - 10 feet	Sapling																																					
2	4112 - Maple, Beech, Cherry Association	Poletimber Well	12.6	90	111-140	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>60</td> <td>Log/Pole/Sap</td> <td>10</td> <td>90</td> </tr> <tr> <td>Red Maple</td> <td>20</td> <td>Pole/Log/Sap</td> <td>8</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>15</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Sugar Maple	60	Log/Pole/Sap	10	90	Red Maple	20	Pole/Log/Sap	8		Quaking Aspen	15	Pole	8		Paper Birch	5	Pole/Log	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>Leatherwood</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <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	Leatherwood	Low	5 - 10 feet	Tall Shrub	Balsam Fir	Low	5 - 10 feet	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																				
Sugar Maple	60	Log/Pole/Sap	10	90																																				
Red Maple	20	Pole/Log/Sap	8																																					
Quaking Aspen	15	Pole	8																																					
Paper Birch	5	Pole/Log	8																																					
Sub-Canopy Species	Density	Avg. Height	Size																																					
Leatherwood	Low	5 - 10 feet	Tall Shrub																																					
Balsam Fir	Low	5 - 10 feet	Sapling																																					
3	6115 - Lowland Ash	Poletimber Well	10.8	50	51-80	N/A	Cedar and tamarack at south end 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>Black Ash</td> <td>65</td> <td>Pole/Sap/Log</td> <td>6</td> <td>50</td> </tr> <tr> <td>Paper Birch</td> <td>15</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>10</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Tamarack</td> <td>10</td> <td>Log/Pole/Sap</td> <td>10</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black Ash	65	Pole/Sap/Log	6	50	Paper Birch	15	Pole/Log	8		Northern White Cedar	10	Log/Pole	10		Tamarack	10	Log/Pole/Sap	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>Tag Alder</td> <td>High</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	High	5 - 10 feet	Tall Shrub				
Canopy Species	% Cover	Size Class	DBH	Age																																				
Black Ash	65	Pole/Sap/Log	6	50																																				
Paper Birch	15	Pole/Log	8																																					
Northern White Cedar	10	Log/Pole	10																																					
Tamarack	10	Log/Pole/Sap	10																																					
Sub-Canopy Species	Density	Avg. Height	Size																																					
Tag Alder	High	5 - 10 feet	Tall Shrub																																					
4	4130 - Aspen	Poletimber Well	186.5	48	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>Sugar Maple</td> <td>5</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>90</td> <td>Pole</td> <td>8</td> <td>48</td> </tr> <tr> <td>Balsam Fir</td> <td>5</td> <td>Pole/Sap/Log</td> <td>8</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Sugar Maple	5	Pole	6		Quaking Aspen	90	Pole	8	48	Balsam Fir	5	Pole/Sap/Log	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>Balsam Fir</td> <td>Low</td> <td>10 - 20 feet</td> <td>Pole</td> </tr> <tr> <td>White Spruce</td> <td>Low</td> <td>10 - 20 feet</td> <td>Pole</td> </tr> <tr> <td>Hazelnut (American)</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Low	10 - 20 feet	Pole	White Spruce	Low	10 - 20 feet	Pole	Hazelnut (American)	Medium	5 - 10 feet	Tall Shrub	
Canopy Species	% Cover	Size Class	DBH	Age																																				
Sugar Maple	5	Pole	6																																					
Quaking Aspen	90	Pole	8	48																																				
Balsam Fir	5	Pole/Sap/Log	8																																					
Sub-Canopy Species	Density	Avg. Height	Size																																					
Balsam Fir	Low	10 - 20 feet	Pole																																					
White Spruce	Low	10 - 20 feet	Pole																																					
Hazelnut (American)	Medium	5 - 10 feet	Tall Shrub																																					
5	622 - Lowland Shrub	Nonstocked	31.9	0	Unspecified	No																																		
6	6121 - Tamarack	Poletimber Well	8.4	50	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>10</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Tamarack</td> <td>90</td> <td>Pole/Sapling</td> <td>6</td> <td>50</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black Ash	10	Pole	6		Tamarack	90	Pole/Sapling	6	50	<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> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Medium	5 - 10 feet	Tall Shrub														
Canopy Species	% Cover	Size Class	DBH	Age																																				
Black Ash	10	Pole	6																																					
Tamarack	90	Pole/Sapling	6	50																																				
Sub-Canopy Species	Density	Avg. Height	Size																																					
Tag Alder	Medium	5 - 10 feet	Tall Shrub																																					
7	6229 - Mixed lowland shrub	Nonstocked	10.3		Unspecified	No																																		
8	4130 - Aspen	Sapling Well	18.3	17	Immature	N/A	sale 69-03																																	
<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/Pole</td> <td>4</td> <td>17</td> </tr> <tr> <td>White Spruce</td> <td>5</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	95	Sapling/Pole	4	17	White Spruce	5	Pole/Sapling	6		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Hazelnut (American)</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Hazelnut (American)	Medium	5 - 10 feet	Tall Shrub														
Canopy Species	% Cover	Size Class	DBH	Age																																				
Quaking Aspen	95	Sapling/Pole	4	17																																				
White Spruce	5	Pole/Sapling	6																																					
Sub-Canopy Species	Density	Avg. Height	Size																																					
Hazelnut (American)	Medium	5 - 10 feet	Tall Shrub																																					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
9	4130 - Aspen	Poletimber Well	165.5	40	Unspecified	N/A			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Red Maple		10	Pole/Sapling	6		Balsam Fir	Low	10 - 20 feet	Pole
Quaking Aspen		80	Pole	6	40	White Spruce	Low	10 - 20 feet	Pole
Black Ash		5	Pole/Sapling	6		Hazelnut (American)	Medium	5 - 10 feet	Tall Shrub
Balsam Fir		5	Pole/Sapling	6					
10	4113 - R.Maple, Conifer	Poletimber Well	4.8	40	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>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Red Maple		60	Pole/Log/Sap	8	40	Balsam Fir	High	10 - 20 feet	Sapling
Balsam Fir		25	Pole/Sapling	6					
Quaking Aspen		15	Pole	8					
11	3102 - Grass	Nonstocked	1.7		Unspecified	No	South end of an air landing strip that begins on privately owned land.		
12	4110 - Sugar Maple Association	Poletimber Well	41.0	100	111-140	N/A			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Sugar Maple		50	Pole	8	100	Ironwood	Low	5 - 10 feet	Sapling
Red Maple		10	Log/Pole/Sap	10		Leatherwood	Low	5 - 10 feet	Tall Shrub
Basswood		30	Log/Pole	10					
Quaking Aspen		5	Log/Pole	10					
Paper Birch		5	Pole/Log	8					
13	4130 - Aspen	Poletimber Well	152.0	38	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>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Quaking Aspen		95	Pole/Sapling	6	38	Balsam Fir	Low	10 - 20 feet	Pole
Balsam Fir		5	Pole/Sapling	6		White Spruce	Low	10 - 20 feet	Pole
						Hazelnut (American)	Medium	5 - 10 feet	Tall Shrub
14	3102 - Grass	Nonstocked	6.8		Unspecified	No			
15	4130 - Aspen	Poletimber Well	55.7	43	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>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Quaking Aspen		95	Pole/Log	8	43	Balsam Fir	Low	5 - 10 feet	Sapling
Balsam Fir		5	Pole	6		Hazelnut (American)	Medium	5 - 10 feet	Tall Shrub
16	42110 - Planted Red Pine	Poletimber Well	38.3	26	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>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Red Pine		100	Pole/Sapling	6	26	White Spruce	Low	< 5 feet	Sapling
						Red Pine	Low	< 5 feet	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																										
17	6120 - Lowland Cedar	Sawtimber Well	7.9	91	141-170	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>100</td> <td>Log/Pole</td> <td>10</td> <td>91</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Northern White Cedar	100	Log/Pole	10	91	<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> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Medium	5 - 10 feet	Tall Shrub																												
Canopy Species	% Cover	Size Class	DBH	Age																																													
Northern White Cedar	100	Log/Pole	10	91																																													
Sub-Canopy Species	Density	Avg. Height	Size																																														
Tag Alder	Medium	5 - 10 feet	Tall Shrub																																														
18	4130 - Aspen	Poletimber Well	91.5	27	81-110	N/A	Hunter walking trail in stand. sale 007-93.																																										
<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/Sapling</td> <td>6</td> <td>27</td> </tr> <tr> <td>White Spruce</td> <td>5</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	95	Pole/Sapling	6	27	White Spruce	5	Pole/Sapling	6		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Hazelnut (American)</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Hazelnut (American)	Medium	5 - 10 feet	Tall Shrub																							
Canopy Species	% Cover	Size Class	DBH	Age																																													
Quaking Aspen	95	Pole/Sapling	6	27																																													
White Spruce	5	Pole/Sapling	6																																														
Sub-Canopy Species	Density	Avg. Height	Size																																														
Hazelnut (American)	Medium	5 - 10 feet	Tall Shrub																																														
19	4110 - Sugar Maple Association	Poletimber Well	31.2	90	111-140	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>60</td> <td>Pole</td> <td>8</td> <td>90</td> </tr> <tr> <td>Basswood</td> <td>20</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>5</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>10</td> <td>Log/Pole/Sap</td> <td>10</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Sugar Maple	60	Pole	8	90	Basswood	20	Pole	8		Paper Birch	5	Pole/Log	8		Quaking Aspen	5	Log/Pole	10		Red Maple	10	Log/Pole/Sap	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>Ironwood</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Leatherwood</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Ironwood	Low	5 - 10 feet	Sapling	Leatherwood	Low	5 - 10 feet	Tall Shrub				
Canopy Species	% Cover	Size Class	DBH	Age																																													
Sugar Maple	60	Pole	8	90																																													
Basswood	20	Pole	8																																														
Paper Birch	5	Pole/Log	8																																														
Quaking Aspen	5	Log/Pole	10																																														
Red Maple	10	Log/Pole/Sap	10																																														
Sub-Canopy Species	Density	Avg. Height	Size																																														
Ironwood	Low	5 - 10 feet	Sapling																																														
Leatherwood	Low	5 - 10 feet	Tall Shrub																																														
20	4130 - Aspen	Sawtimber Well	3.7	57	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>Quaking Aspen</td> <td>90</td> <td>Log/Pole</td> <td>10</td> <td>57</td> </tr> <tr> <td>Red Maple</td> <td>5</td> <td>Pole/Log/Sap</td> <td>8</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>5</td> <td>Pole/Log/Sap</td> <td>8</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	90	Log/Pole	10	57	Red Maple	5	Pole/Log/Sap	8		Balsam Fir	5	Pole/Log/Sap	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>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	90	Log/Pole	10	57																																													
Red Maple	5	Pole/Log/Sap	8																																														
Balsam Fir	5	Pole/Log/Sap	8																																														
Sub-Canopy Species	Density	Avg. Height	Size																																														
Balsam Fir	Low	5 - 10 feet	Sapling																																														
21	4130 - Aspen	Poletimber Well	28.7	40	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>Red Maple</td> <td>10</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>85</td> <td>Pole</td> <td>8</td> <td>40</td> </tr> <tr> <td>Sugar Maple</td> <td>5</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	10	Pole/Sapling	6		Quaking Aspen	85	Pole	8	40	Sugar Maple	5	Pole/Sapling	6		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>Low</td> <td>10 - 20 feet</td> <td>Pole</td> </tr> <tr> <td>White Spruce</td> <td>Low</td> <td>10 - 20 feet</td> <td>Pole</td> </tr> <tr> <td>Hazelnut (American)</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Low	10 - 20 feet	Pole	White Spruce	Low	10 - 20 feet	Pole	Hazelnut (American)	Medium	5 - 10 feet	Tall Shrub										
Canopy Species	% Cover	Size Class	DBH	Age																																													
Red Maple	10	Pole/Sapling	6																																														
Quaking Aspen	85	Pole	8	40																																													
Sugar Maple	5	Pole/Sapling	6																																														
Sub-Canopy Species	Density	Avg. Height	Size																																														
Balsam Fir	Low	10 - 20 feet	Pole																																														
White Spruce	Low	10 - 20 feet	Pole																																														
Hazelnut (American)	Medium	5 - 10 feet	Tall Shrub																																														
22	3102 - Grass	Nonstocked	5.7		Unspecified	Managed Opening	Hunter walking trail.																																										
23	6120 - Lowland Cedar	Sawtimber Well	7.0	96	141-170	N/A	A few large white pine in southern block 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>Northern White Cedar</td> <td>100</td> <td>Log/Pole</td> <td>10</td> <td>96</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Northern White Cedar	100	Log/Pole	10	96	<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>Pole</td> </tr> <tr> <td>Tamarack</td> <td>Low</td> <td>10 - 20 feet</td> <td>Pole</td> </tr> <tr> <td>Tag Alder</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Low	5 - 10 feet	Pole	Tamarack	Low	10 - 20 feet	Pole	Tag Alder	Medium	5 - 10 feet	Tall Shrub																				
Canopy Species	% Cover	Size Class	DBH	Age																																													
Northern White Cedar	100	Log/Pole	10	96																																													
Sub-Canopy Species	Density	Avg. Height	Size																																														
Balsam Fir	Low	5 - 10 feet	Pole																																														
Tamarack	Low	10 - 20 feet	Pole																																														
Tag Alder	Medium	5 - 10 feet	Tall Shrub																																														





Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																											
<b>24</b>	4130 - Aspen	Poletimber Well	314.6	48	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>Quaking Aspen</td> <td>85</td> <td>Pole</td> <td>8</td> <td>48</td> </tr> <tr> <td>Red Maple</td> <td>5</td> <td>Pole/Log/Sap</td> <td>8</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>5</td> <td>Pole/Sap/Log</td> <td>8</td> <td></td> </tr> <tr> <td>White Spruce</td> <td>5</td> <td>Pole/Log/Sap</td> <td>8</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	85	Pole	8	48	Red Maple	5	Pole/Log/Sap	8		Balsam Fir	5	Pole/Sap/Log	8		White Spruce	5	Pole/Log/Sap	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>Balsam Fir</td> <td>Low</td> <td>10 - 20 feet</td> <td>Pole</td> </tr> <tr> <td>White Spruce</td> <td>Low</td> <td>5 - 10 feet</td> <td>Pole</td> </tr> <tr> <td>Ironwood</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Hazelnut (American)</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Low	10 - 20 feet	Pole	White Spruce	Low	5 - 10 feet	Pole	Ironwood	Low	5 - 10 feet	Sapling	Hazelnut (American)	Medium	5 - 10 feet	Tall Shrub		
Canopy Species	% Cover	Size Class	DBH	Age																																														
Quaking Aspen	85	Pole	8	48																																														
Red Maple	5	Pole/Log/Sap	8																																															
Balsam Fir	5	Pole/Sap/Log	8																																															
White Spruce	5	Pole/Log/Sap	8																																															
Sub-Canopy Species	Density	Avg. Height	Size																																															
Balsam Fir	Low	10 - 20 feet	Pole																																															
White Spruce	Low	5 - 10 feet	Pole																																															
Ironwood	Low	5 - 10 feet	Sapling																																															
Hazelnut (American)	Medium	5 - 10 feet	Tall Shrub																																															
<b>25</b>	4134 - Aspen, Spruce/Fir	Sawtimber Well	30.0	80	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>Quaking Aspen</td> <td>70</td> <td>Log/Pole</td> <td>10</td> <td>80</td> </tr> <tr> <td>Paper Birch</td> <td>10</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>15</td> <td>Log/Pole/Sap</td> <td>10</td> <td></td> </tr> <tr> <td>White Spruce</td> <td>5</td> <td>Log/Pole/Sap</td> <td>10</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	70	Log/Pole	10	80	Paper Birch	10	Log/Pole	10		Balsam Fir	15	Log/Pole/Sap	10		White Spruce	5	Log/Pole/Sap	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>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Hazelnut (American)</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Low	5 - 10 feet	Sapling	Hazelnut (American)	Medium	5 - 10 feet	Tall Shrub										
Canopy Species	% Cover	Size Class	DBH	Age																																														
Quaking Aspen	70	Log/Pole	10	80																																														
Paper Birch	10	Log/Pole	10																																															
Balsam Fir	15	Log/Pole/Sap	10																																															
White Spruce	5	Log/Pole/Sap	10																																															
Sub-Canopy Species	Density	Avg. Height	Size																																															
Balsam Fir	Low	5 - 10 feet	Sapling																																															
Hazelnut (American)	Medium	5 - 10 feet	Tall Shrub																																															
<b>26</b>	4110 - Sugar Maple Association	Poletimber Well	12.5	90	111-140	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>60</td> <td>Pole</td> <td>8</td> <td>90</td> </tr> <tr> <td>Red Maple</td> <td>10</td> <td>Log/Pole/Sap</td> <td>10</td> <td></td> </tr> <tr> <td>Basswood</td> <td>25</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>5</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Sugar Maple	60	Pole	8	90	Red Maple	10	Log/Pole/Sap	10		Basswood	25	Log/Pole	10		Quaking Aspen	5	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>Leatherwood</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Ironwood</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Leatherwood	Low	5 - 10 feet	Tall Shrub	Ironwood	Medium	5 - 10 feet	Sapling										
Canopy Species	% Cover	Size Class	DBH	Age																																														
Sugar Maple	60	Pole	8	90																																														
Red Maple	10	Log/Pole/Sap	10																																															
Basswood	25	Log/Pole	10																																															
Quaking Aspen	5	Log/Pole	10																																															
Sub-Canopy Species	Density	Avg. Height	Size																																															
Leatherwood	Low	5 - 10 feet	Tall Shrub																																															
Ironwood	Medium	5 - 10 feet	Sapling																																															
<b>27</b>	42210 - Natural Red Pine	Sawtimber Well	8.6	85	111-140	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>Red Pine</td> <td>100</td> <td>Log</td> <td>12</td> <td>85</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Pine	100	Log	12	85	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Pole</td> </tr> <tr> <td>Quaking Aspen</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Medium	10 - 20 feet	Pole	Quaking Aspen	Low	10 - 20 feet	Sapling																									
Canopy Species	% Cover	Size Class	DBH	Age																																														
Red Pine	100	Log	12	85																																														
Sub-Canopy Species	Density	Avg. Height	Size																																															
Balsam Fir	Medium	10 - 20 feet	Pole																																															
Quaking Aspen	Low	10 - 20 feet	Sapling																																															
<b>28</b>	6229 - Mixed lowland shrub	Nonstocked	14.8		Unspecified	No																																												
<b>29</b>	4112 - Maple, Beech, Cherry Association	Poletimber Well	18.8	100	111-140	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>60</td> <td>Pole</td> <td>8</td> <td>100</td> </tr> <tr> <td>Basswood</td> <td>10</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>20</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Quaking Aspen</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	60	Pole	8	100	Basswood	10	Log/Pole	10		Red Maple	20	Log/Pole	10		Quaking Aspen	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>Ironwood</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Ironwood	Low	10 - 20 feet	Sapling														
Canopy Species	% Cover	Size Class	DBH	Age																																														
Sugar Maple	60	Pole	8	100																																														
Basswood	10	Log/Pole	10																																															
Red Maple	20	Log/Pole	10																																															
Quaking Aspen	10	Log/Pole	10																																															
Sub-Canopy Species	Density	Avg. Height	Size																																															
Ironwood	Low	10 - 20 feet	Sapling																																															



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																														
30	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Well	16.4	50	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>Quaking Aspen</td> <td>10</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>10</td> <td>Pole/Sap/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Black Spruce</td> <td>10</td> <td>Pole/Sap/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>5</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Tamarack</td> <td>10</td> <td>Log/Pole/Sap</td> <td>10</td> <td></td> </tr> <tr> <td>Balsam Poplar</td> <td>20</td> <td>Pole/Log/Sap</td> <td>8</td> <td>50</td> </tr> <tr> <td>Black Ash</td> <td>35</td> <td>Pole/Sap/Log</td> <td>8</td> <td>50</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	10	Log/Pole	10		Balsam Fir	10	Pole/Sap/Log	8		Black Spruce	10	Pole/Sap/Log	8		Northern White Cedar	5	Log/Pole	10		Tamarack	10	Log/Pole/Sap	10		Balsam Poplar	20	Pole/Log/Sap	8	50	Black Ash	35	Pole/Sap/Log	8	50	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>High</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	High	5 - 10 feet	Tall Shrub		
Canopy Species	% Cover	Size Class	DBH	Age																																																	
Quaking Aspen	10	Log/Pole	10																																																		
Balsam Fir	10	Pole/Sap/Log	8																																																		
Black Spruce	10	Pole/Sap/Log	8																																																		
Northern White Cedar	5	Log/Pole	10																																																		
Tamarack	10	Log/Pole/Sap	10																																																		
Balsam Poplar	20	Pole/Log/Sap	8	50																																																	
Black Ash	35	Pole/Sap/Log	8	50																																																	
Sub-Canopy Species	Density	Avg. Height	Size																																																		
Tag Alder	High	5 - 10 feet	Tall Shrub																																																		
31	4110 - Sugar Maple Association	Sawtimber Well	13.3	90	141-170	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>60</td> <td>Log/Pole/Sap</td> <td>10</td> <td>90</td> </tr> <tr> <td>Red Maple</td> <td>5</td> <td>Log/Pole/Sap</td> <td>12</td> <td></td> </tr> <tr> <td>Basswood</td> <td>35</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Sugar Maple	60	Log/Pole/Sap	10	90	Red Maple	5	Log/Pole/Sap	12		Basswood	35	Log/Pole	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>Leatherwood</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Ironwood</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Leatherwood	Low	5 - 10 feet	Tall Shrub	Ironwood	Low	5 - 10 feet	Sapling																		
Canopy Species	% Cover	Size Class	DBH	Age																																																	
Sugar Maple	60	Log/Pole/Sap	10	90																																																	
Red Maple	5	Log/Pole/Sap	12																																																		
Basswood	35	Log/Pole	12																																																		
Sub-Canopy Species	Density	Avg. Height	Size																																																		
Leatherwood	Low	5 - 10 feet	Tall Shrub																																																		
Ironwood	Low	5 - 10 feet	Sapling																																																		
32	6115 - Lowland Ash	Poletimber Well	5.0	50	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>Red Maple</td> <td>5</td> <td>Pole/Log/Sap</td> <td>8</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>10</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>5</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Black Ash</td> <td>75</td> <td>Pole/Sap/Log</td> <td>8</td> <td>50</td> </tr> <tr> <td>Black Spruce</td> <td>5</td> <td>Pole/Sap/Log</td> <td>8</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	5	Pole/Log/Sap	8		Quaking Aspen	10	Pole/Log	8		Northern White Cedar	5	Log/Pole	10		Black Ash	75	Pole/Sap/Log	8	50	Black Spruce	5	Pole/Sap/Log	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>Tag Alder</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Medium	5 - 10 feet	Tall Shrub												
Canopy Species	% Cover	Size Class	DBH	Age																																																	
Red Maple	5	Pole/Log/Sap	8																																																		
Quaking Aspen	10	Pole/Log	8																																																		
Northern White Cedar	5	Log/Pole	10																																																		
Black Ash	75	Pole/Sap/Log	8	50																																																	
Black Spruce	5	Pole/Sap/Log	8																																																		
Sub-Canopy Species	Density	Avg. Height	Size																																																		
Tag Alder	Medium	5 - 10 feet	Tall Shrub																																																		
33	4130 - Aspen	Sapling Well	96.6	6	Immature	N/A	sale 67-13																																														
<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>1</td> <td>6</td> </tr> <tr> <td>White Spruce</td> <td>5</td> <td>Sapling</td> <td>1</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	95	Sapling	1	6	White Spruce	5	Sapling	1		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Hazelnut (American)</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Hazelnut (American)	Low	5 - 10 feet	Tall Shrub																											
Canopy Species	% Cover	Size Class	DBH	Age																																																	
Quaking Aspen	95	Sapling	1	6																																																	
White Spruce	5	Sapling	1																																																		
Sub-Canopy Species	Density	Avg. Height	Size																																																		
Hazelnut (American)	Low	5 - 10 feet	Tall Shrub																																																		
34	4110 - Sugar Maple Association	Poletimber Well	14.5	96	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>Sugar Maple</td> <td>60</td> <td>Pole</td> <td>8</td> <td>96</td> </tr> <tr> <td>Red Maple</td> <td>10</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Basswood</td> <td>30</td> <td>Pole/Log</td> <td>10</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Sugar Maple	60	Pole	8	96	Red Maple	10	Pole	8		Basswood	30	Pole/Log	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>Ironwood</td> <td>High</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Ironwood	High	10 - 20 feet	Sapling																						
Canopy Species	% Cover	Size Class	DBH	Age																																																	
Sugar Maple	60	Pole	8	96																																																	
Red Maple	10	Pole	8																																																		
Basswood	30	Pole/Log	10																																																		
Sub-Canopy Species	Density	Avg. Height	Size																																																		
Ironwood	High	10 - 20 feet	Sapling																																																		
35	6122 - Black Spruce	Poletimber Well	39.6	70	51-80	N/A	Wet. Many small streams in stand.																																														
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black Spruce</td> <td>85</td> <td>Pole/Sap/Log</td> <td>8</td> <td>70</td> </tr> <tr> <td>Tamarack</td> <td>10</td> <td>Pole/Sap/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>5</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black Spruce	85	Pole/Sap/Log	8	70	Tamarack	10	Pole/Sap/Log	8		Quaking Aspen	5	Log/Pole	12		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Medium	5 - 10 feet	Tall Shrub																						
Canopy Species	% Cover	Size Class	DBH	Age																																																	
Black Spruce	85	Pole/Sap/Log	8	70																																																	
Tamarack	10	Pole/Sap/Log	8																																																		
Quaking Aspen	5	Log/Pole	12																																																		
Sub-Canopy Species	Density	Avg. Height	Size																																																		
Tag Alder	Medium	5 - 10 feet	Tall Shrub																																																		



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
<b>36</b>	4130 - Aspen	Sapling Well	58.9	15	Immature	N/A	sale # 75-03		
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Quaking Aspen		100	Sapling/Pole	4	15	Hazelnut (American)	Low	5 - 10 feet	Tall Shrub
<b>37</b>	4110 - Sugar Maple Association	Sawtimber Well	66.9	105	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>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Sugar Maple		65	Log/Pole	10	105	Ironwood	Medium	5 - 10 feet	Sapling
Red Maple		10	Pole/Log	8		Balsam Fir	Medium	5 - 10 feet	Sapling
Basswood		20	Log/Pole	10					
Quaking Aspen		5	Log/Pole	10					
<b>38</b>	4116 - Mixed N. Hardwood - Aspen	Poletimber Well	39.7	105	111-140	N/A			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Sugar Maple		45	Pole/Log	8	105	Balsam Fir	Medium	5 - 10 feet	Sapling
Red Maple		20	Pole/Log/Sap	8		Ironwood	Medium	5 - 10 feet	Sapling
Basswood		15	Log/Pole	10					
Quaking Aspen		20	Pole/Log	8					
<b>39</b>	6139 - Mixed Lowland Forest	Poletimber Well	19.9	50	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>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Balsam Fir		5	Pole/Sap/Log	8		Balsam Fir	Low	5 - 10 feet	Pole
Black Spruce		30	Pole	8		Tamarack	Low	10 - 20 feet	Pole
Tamarack		5	Log/Pole/Sap	10		Tag Alder	Medium	5 - 10 feet	Tall Shrub
Balsam Poplar		30	Pole/Log	8	50				
Black Ash		25	Pole/Sap/Log	8	50				
Northern White Cedar		5	Log/Pole	10					
<b>40</b>	4130 - Aspen	Poletimber Well	17.6	47	Unspecified	N/A			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Sugar Maple		10	Pole	8		Balsam Fir	Low	10 - 20 feet	Pole
Quaking Aspen		80	Pole	8	47	White Spruce	Low	10 - 20 feet	Pole
Balsam Poplar		5	Pole/Log/Sap	8					
Red Maple		5	Pole/Log/Sap	8					
<b>41</b>	6229 - Mixed lowland shrub	Nonstocked	6.0		Unspecified	No			
<b>42</b>	3102 - Grass	Nonstocked	12.4		Unspecified	No			



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																															
<b>43</b>	6115 - Lowland Ash	Poletimber Well	31.9	50	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>Red Maple</td> <td>5</td> <td>Pole/Log/Sap</td> <td>8</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>10</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>5</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Black Ash</td> <td>75</td> <td>Pole/Sap/Log</td> <td>8</td> <td>50</td> </tr> <tr> <td>Black Spruce</td> <td>5</td> <td>Pole/Sap/Log</td> <td>8</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	5	Pole/Log/Sap	8		Quaking Aspen	10	Pole/Log	8		Northern White Cedar	5	Log/Pole	10		Black Ash	75	Pole/Sap/Log	8	50	Black Spruce	5	Pole/Sap/Log	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>Tag Alder</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Medium	5 - 10 feet	Tall Shrub													
Canopy Species	% Cover	Size Class	DBH	Age																																																		
Red Maple	5	Pole/Log/Sap	8																																																			
Quaking Aspen	10	Pole/Log	8																																																			
Northern White Cedar	5	Log/Pole	10																																																			
Black Ash	75	Pole/Sap/Log	8	50																																																		
Black Spruce	5	Pole/Sap/Log	8																																																			
Sub-Canopy Species	Density	Avg. Height	Size																																																			
Tag Alder	Medium	5 - 10 feet	Tall Shrub																																																			
<b>44</b>	6229 - Mixed lowland shrub	Nonstocked	6.4		Unspecified	No																																																
<b>45</b>	6120 - Lowland Cedar	Sawtimber Well	13.5	96	111-140	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 Spruce</td> <td>5</td> <td>Pole/Sap/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>90</td> <td>Log/Pole</td> <td>10</td> <td>96</td> </tr> <tr> <td>Tamarack</td> <td>5</td> <td>Log/Pole/Sap</td> <td>10</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black Spruce	5	Pole/Sap/Log	8		Northern White Cedar	90	Log/Pole	10	96	Tamarack	5	Log/Pole/Sap	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>Tag Alder</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Low	5 - 10 feet	Tall Shrub																							
Canopy Species	% Cover	Size Class	DBH	Age																																																		
Black Spruce	5	Pole/Sap/Log	8																																																			
Northern White Cedar	90	Log/Pole	10	96																																																		
Tamarack	5	Log/Pole/Sap	10																																																			
Sub-Canopy Species	Density	Avg. Height	Size																																																			
Tag Alder	Low	5 - 10 feet	Tall Shrub																																																			
<b>46</b>	6139 - Mixed Lowland Forest	Poletimber Well	13.4	70	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>Balsam Poplar</td> <td>25</td> <td>Pole/Log/Sap</td> <td>8</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>5</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Black Ash</td> <td>20</td> <td>Pole/Sap/Log</td> <td>6</td> <td></td> </tr> <tr> <td>Tamarack</td> <td>5</td> <td>Pole/Log/Sap</td> <td>8</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>10</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Black Spruce</td> <td>30</td> <td>Pole/Log/Sap</td> <td>8</td> <td>70</td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Balsam Poplar	25	Pole/Log/Sap	8		Quaking Aspen	5	Pole/Log	8		Black Ash	20	Pole/Sap/Log	6		Tamarack	5	Pole/Log/Sap	8		Northern White Cedar	10	Log/Pole	10		Black Spruce	30	Pole/Log/Sap	8	70	Paper Birch	5	Pole/Log	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>Tag Alder</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Low	5 - 10 feet	Tall Shrub			
Canopy Species	% Cover	Size Class	DBH	Age																																																		
Balsam Poplar	25	Pole/Log/Sap	8																																																			
Quaking Aspen	5	Pole/Log	8																																																			
Black Ash	20	Pole/Sap/Log	6																																																			
Tamarack	5	Pole/Log/Sap	8																																																			
Northern White Cedar	10	Log/Pole	10																																																			
Black Spruce	30	Pole/Log/Sap	8	70																																																		
Paper Birch	5	Pole/Log	8																																																			
Sub-Canopy Species	Density	Avg. Height	Size																																																			
Tag Alder	Low	5 - 10 feet	Tall Shrub																																																			
<b>47</b>	6115 - Lowland Ash	Poletimber Well	6.6	50	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>Red Maple</td> <td>5</td> <td>Pole/Log/Sap</td> <td>8</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>10</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>5</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Black Ash</td> <td>75</td> <td>Pole/Sap/Log</td> <td>8</td> <td>50</td> </tr> <tr> <td>Black Spruce</td> <td>5</td> <td>Pole/Sap/Log</td> <td>8</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	5	Pole/Log/Sap	8		Quaking Aspen	10	Pole/Log	8		Northern White Cedar	5	Log/Pole	10		Black Ash	75	Pole/Sap/Log	8	50	Black Spruce	5	Pole/Sap/Log	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>Tag Alder</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Medium	5 - 10 feet	Tall Shrub													
Canopy Species	% Cover	Size Class	DBH	Age																																																		
Red Maple	5	Pole/Log/Sap	8																																																			
Quaking Aspen	10	Pole/Log	8																																																			
Northern White Cedar	5	Log/Pole	10																																																			
Black Ash	75	Pole/Sap/Log	8	50																																																		
Black Spruce	5	Pole/Sap/Log	8																																																			
Sub-Canopy Species	Density	Avg. Height	Size																																																			
Tag Alder	Medium	5 - 10 feet	Tall Shrub																																																			
<b>48</b>	6120 - Lowland Cedar	Sawtimber Well	37.3	110	141-170	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>Balsam Poplar</td> <td>5</td> <td>Log/Pole/Sap</td> <td>10</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>85</td> <td>Log/Pole</td> <td>10</td> <td>110</td> </tr> <tr> <td>Black Ash</td> <td>5</td> <td>Pole/Sap/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Black Spruce</td> <td>5</td> <td>Pole/Log/Sap</td> <td>8</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Balsam Poplar	5	Log/Pole/Sap	10		Northern White Cedar	85	Log/Pole	10	110	Black Ash	5	Pole/Sap/Log	8		Black Spruce	5	Pole/Log/Sap	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>Balsam Fir</td> <td>Low</td> <td>10 - 20 feet</td> <td>Pole</td> </tr> <tr> <td>Tag Alder</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Low	10 - 20 feet	Pole	Tag Alder	Medium	5 - 10 feet	Tall Shrub														
Canopy Species	% Cover	Size Class	DBH	Age																																																		
Balsam Poplar	5	Log/Pole/Sap	10																																																			
Northern White Cedar	85	Log/Pole	10	110																																																		
Black Ash	5	Pole/Sap/Log	8																																																			
Black Spruce	5	Pole/Log/Sap	8																																																			
Sub-Canopy Species	Density	Avg. Height	Size																																																			
Balsam Fir	Low	10 - 20 feet	Pole																																																			
Tag Alder	Medium	5 - 10 feet	Tall Shrub																																																			



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																										
<b>49</b>	4130 - Aspen	Sapling Well	21.6	2	Immature	N/A	Contract number 12-002-17.																																										
<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>1</td> <td>2</td> </tr> <tr> <td>Red Maple</td> <td>5</td> <td>Sapling</td> <td>1</td> <td>2</td> </tr> <tr> <td>Balsam Fir</td> <td>5</td> <td>Sapling</td> <td>2</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	90	Sapling	1	2	Red Maple	5	Sapling	1	2	Balsam Fir	5	Sapling	2		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Hazelnut (American)</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Hazelnut (American)	Low	5 - 10 feet	Tall Shrub																		
Canopy Species	% Cover	Size Class	DBH	Age																																													
Quaking Aspen	90	Sapling	1	2																																													
Red Maple	5	Sapling	1	2																																													
Balsam Fir	5	Sapling	2																																														
Sub-Canopy Species	Density	Avg. Height	Size																																														
Hazelnut (American)	Low	5 - 10 feet	Tall Shrub																																														
<b>50</b>	4130 - Aspen	Poletimber Well	36.3	42	81-110	N/A	37-77																																										
<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>Pole/Sapling</td> <td>6</td> <td>42</td> </tr> <tr> <td>Balsam Fir</td> <td>5</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>5</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	90	Pole/Sapling	6	42	Balsam Fir	5	Pole/Sapling	6		Red Maple	5	Pole/Sapling	6		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>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	90	Pole/Sapling	6	42																																													
Balsam Fir	5	Pole/Sapling	6																																														
Red Maple	5	Pole/Sapling	6																																														
Sub-Canopy Species	Density	Avg. Height	Size																																														
Balsam Fir	Low	5 - 10 feet	Sapling																																														
<b>51</b>	4130 - Aspen	Poletimber Well	222.4	47	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>Sugar Maple</td> <td>5</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>80</td> <td>Pole</td> <td>8</td> <td>47</td> </tr> <tr> <td>Balsam Poplar</td> <td>5</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Black Ash</td> <td>5</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>5</td> <td>Pole/Log/Sap</td> <td>8</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Sugar Maple	5	Pole	8		Quaking Aspen	80	Pole	8	47	Balsam Poplar	5	Pole	6		Black Ash	5	Pole/Sapling	6		Balsam Fir	5	Pole/Log/Sap	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>Balsam Fir</td> <td>Low</td> <td>10 - 20 feet</td> <td>Pole</td> </tr> <tr> <td>White Spruce</td> <td>Low</td> <td>10 - 20 feet</td> <td>Pole</td> </tr> <tr> <td>Hazelnut (American)</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Low	10 - 20 feet	Pole	White Spruce	Low	10 - 20 feet	Pole	Hazelnut (American)	Medium	5 - 10 feet	Tall Shrub
Canopy Species	% Cover	Size Class	DBH	Age																																													
Sugar Maple	5	Pole	8																																														
Quaking Aspen	80	Pole	8	47																																													
Balsam Poplar	5	Pole	6																																														
Black Ash	5	Pole/Sapling	6																																														
Balsam Fir	5	Pole/Log/Sap	8																																														
Sub-Canopy Species	Density	Avg. Height	Size																																														
Balsam Fir	Low	10 - 20 feet	Pole																																														
White Spruce	Low	10 - 20 feet	Pole																																														
Hazelnut (American)	Medium	5 - 10 feet	Tall Shrub																																														
<b>52</b>	4130 - Aspen	Poletimber Well	173.1	30	81-110	N/A	sale # 37-83																																										
<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/Sapling</td> <td>5</td> <td>30</td> </tr> <tr> <td>Black Ash</td> <td>5</td> <td>Pole/Sap/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>5</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>5</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	85	Pole/Sapling	5	30	Black Ash	5	Pole/Sap/Log	8		Red Maple	5	Pole/Sapling	5		Balsam Fir	5	Pole/Sapling	5		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Hazelnut (American)</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Low	5 - 10 feet	Sapling	Hazelnut (American)	Medium	5 - 10 feet	Tall Shrub									
Canopy Species	% Cover	Size Class	DBH	Age																																													
Quaking Aspen	85	Pole/Sapling	5	30																																													
Black Ash	5	Pole/Sap/Log	8																																														
Red Maple	5	Pole/Sapling	5																																														
Balsam Fir	5	Pole/Sapling	5																																														
Sub-Canopy Species	Density	Avg. Height	Size																																														
Balsam Fir	Low	5 - 10 feet	Sapling																																														
Hazelnut (American)	Medium	5 - 10 feet	Tall Shrub																																														
<b>53</b>	3102 - Grass	Nonstocked	3.2		Unspecified	No	woods road																																										
<b>54</b>	4110 - Sugar Maple Association	Sawtimber Well	165.7	105	111-140	N/A	Thinned in 2005. sale 54-03																																										
<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>55</td> <td>Log/Pole</td> <td>10</td> <td>105</td> </tr> <tr> <td>Basswood</td> <td>35</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>10</td> <td>Log/Pole/Sap</td> <td>12</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Sugar Maple	55	Log/Pole	10	105	Basswood	35	Log/Pole	12		Red Maple	10	Log/Pole/Sap	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>Ironwood</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Leatherwood</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Ironwood	Medium	10 - 20 feet	Sapling	Leatherwood	Low	5 - 10 feet	Tall Shrub														
Canopy Species	% Cover	Size Class	DBH	Age																																													
Sugar Maple	55	Log/Pole	10	105																																													
Basswood	35	Log/Pole	12																																														
Red Maple	10	Log/Pole/Sap	12																																														
Sub-Canopy Species	Density	Avg. Height	Size																																														
Ironwood	Medium	10 - 20 feet	Sapling																																														
Leatherwood	Low	5 - 10 feet	Tall Shrub																																														



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

<b>55</b>	4130 - Aspen	Sapling Well	26.0	4	Immature	N/A	sale 67-13			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Balsam Fir		5	Sapling	2		Tag Alder		Low	5 - 10 feet	Tall Shrub
Red Maple		5	Sapling	1						
Balsam Poplar		10	Sapling	1	4					
Quaking Aspen		80	Sapling	1	4					

<b>56</b>	4110 - Sugar Maple Association	Poletimber Well	28.0	100	111-140	N/A				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Sugar Maple		60	Pole	8	100	Balsam Fir		Low	5 - 10 feet	Sapling
Basswood		25	Log/Pole	10		Leatherwood		Low	5 - 10 feet	Tall Shrub
Red Maple		10	Pole/Log/Sap	8						
Quaking Aspen		5	Pole/Log	8						

<b>57</b>	6119 - Mixed Lowland Deciduous Forest	Poletimber Well	21.6	50	81-110	N/A				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Quaking Aspen		20	Pole	8		Balsam Fir		Low	10 - 20 feet	Pole
Balsam Poplar		10	Pole/Sap/Log	8		White Spruce		Low	10 - 20 feet	Pole
Northern White Cedar		5	Log/Pole	10		Tag Alder		Medium	5 - 10 feet	Tall Shrub
Black Spruce		10	Pole/Log/Sap	8						
Red Maple		5	Log/Pole/Sap	10						
Black Ash		50	Pole/Log/Sap	8	50					

<b>58</b>	4110 - Sugar Maple Association	Sawtimber Well	83.5	95	111-140	N/A				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Sugar Maple		60	Log/Pole	10	95	Ironwood		Medium	10 - 20 feet	Sapling
Basswood		25	Log/Pole	10		Leatherwood		Low	5 - 10 feet	Tall Shrub
Balsam Fir		5	Pole/Sap/Log	8						
Red Maple		10	Log/Pole/Sap	10						