



Compartment Review Presentation

Atlanta Forest Management Unit

Compartment 54142

Entry Year 2024

Acreage: 1,656

County Presque Isle

Management Area: Alpena Lake Plain

Stand Examiner: Cole Michaud

Legal Description:

T34N, R7E, SECS. 19, 20, 29, & 32

Identified Planning Goals:

The planning goal for the compartment is to maintain the multiple resource management in the area. Resources maintained include: recreation, timber production, and wildlife opportunities.

Soil and topography:

The majority of the soils are flaggy loam with areas of sand as well as muck. There is also a lot of limestone and organic soils with decomposing materials in the wetlands. Multiple wet areas occur throughout the compartment. The topography is mostly flat with steep rocky ledges in various locations. Topographical variances are more common in the central portion of the compartment. Sections 19 and 20 are located in an old lake plain.

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

Several farmlands and hunting camps are located around the compartment. The eastern and northern compartment boundary is bordered by state land (Compartment 141 and Thomson Harbor state park). The western border is comprised of private property. While areas of land-locked private property within the compartment as well as the entire western border being composed of private property.

Unique Natural Features:

Multiple MNFI Element Occurrences and influence zones are present in this compartment. To the north there was a bald eagles nest recorded in 1996, and the last record (2005) listed the nest as relined but no adults, failed. Also to the north, a red-legged spittlebug was recorded in 1989. Ram's head lady slippers were observed in the field in this compartment, especially in the northern portion and along Miller Rd. Furthermore, in 1994 a Blanding's turtle sighting was documented. There is a Special Conservation Area for potential or actual Old Growth in the adjacent compartment to the east (141) as well as a documented Dwarf lake iris.

Archeological, Historical, and Cultural Features:

Archeological features are located to the north of the compartment. Potential for prehistoric sites along old lake shore is high. Historic farm sites associated with some openings.

Special Management Designations or Considerations:

None Reported.

Watershed and Fisheries Considerations:

The compartment is part of the Grand Lake Outlet watershed.

Wildlife Habitat Considerations:

Compartment 142 is dominated by aspen and balsam poplar, swamp conifers, birch, northern hardwoods, and cedar. During the last review period it was recommended that openings in the compartment be allowed to convert naturally. Most old openings are in low growing juniper and upland brush. This recommendation will be carried forward into this review period. Red-shouldered hawk has potential to exist in this compartment. If found, nests should be buffered from any forest treatments. This area is an important hunting area in northeastern Presque Isle County. Black bear, white-tailed deer, bobcat, coyote, and upland game birds are popular game species in this compartment. In addition, this is an important area for reptiles and amphibians as well as migrating songbirds.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of lacustrine (lake) sand and gravel. The glacial drift thickness varies between 0 and 10 feet. Beneath the glacial drift are the Devonian Traverse Group, Bell Shale and the Dundee Limestone. The Dundee is quarried for limestone/stone eight miles to the east. The nearest gravel pit is located in section 30, and there should be potential on the upland areas. This area has had sparse drilling for oil and gas. Producing Guelph (Niagaran) reefs are located two miles to the northwest. None of the State land is leased for oil and gas development, currently.

Vehicle Access:

Vehicle access is limited in the compartment. Hwy 23 provides access to the northern border of the compartment while Miller Rd. bisects the northern portion of the compartment and borders the southern portion. Multiple ORV trails provide walking access to much of the property. Also, there are two trails accessible to vehicles that provide access to private property.

Survey Needs:

No survey needs at this time.

Recreational Facilities and Opportunities:

There are no recreational facilities located in this compartment. This compartment is popular for hunters as well as for mushroom harvesters. There are trail systems throughout the portion east of Miller Rd. However, no designated ORV or snowmobile trails exist within the compartment.

Fire Protection:

Adequate.

Additional Compartment Information:**The following reports from the Inventory are attached:**

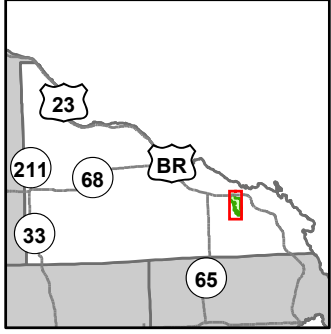
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

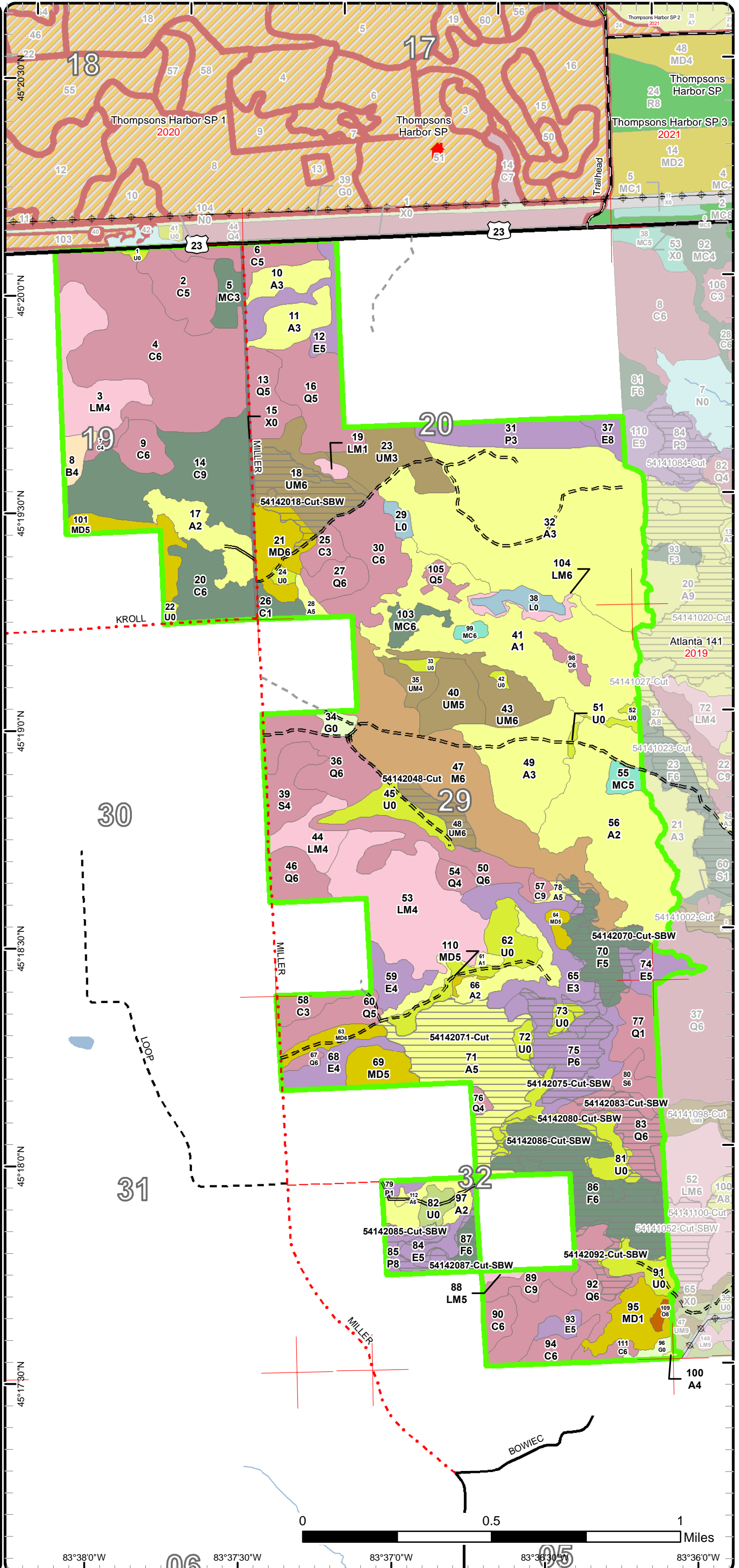
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 142
 T34N, R07E, Sec. 19-21, 28, 29, 32
 County: Presque Isle
 Unit: Atlanta
 Mgmt Area: Alpena Lake Plain
 YOE: 2024
 Acres: 1656.3 GIS Calculated
 Examiner: Cole Michaud
 Map Revised: 11/16/2022
 Map Phase: Post-Review



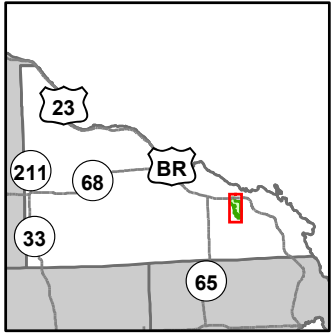
- Miris Corners
- Counties
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State Highway
- Federal / State / County - Paved Road
- Federal / State - Dirt / Gravel Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Designated Hiking Trails
- Designated Bicycle Trails
- Designated Ski Trails
- Designated Multi-Use Trails
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Cabin
- Powerline
- Compartment Boundary
- Clearcut (w/Reserves)
- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen
- 414 - Other Upland Deciduous
- 419 - Mixed Upland Deciduous
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 122 - Roads/Parking Lot
- 310 - Herbaceous Openland
- 320 - Upland Shrub
- 330 - Low Density Trees
- 622 - Lowland Shrub



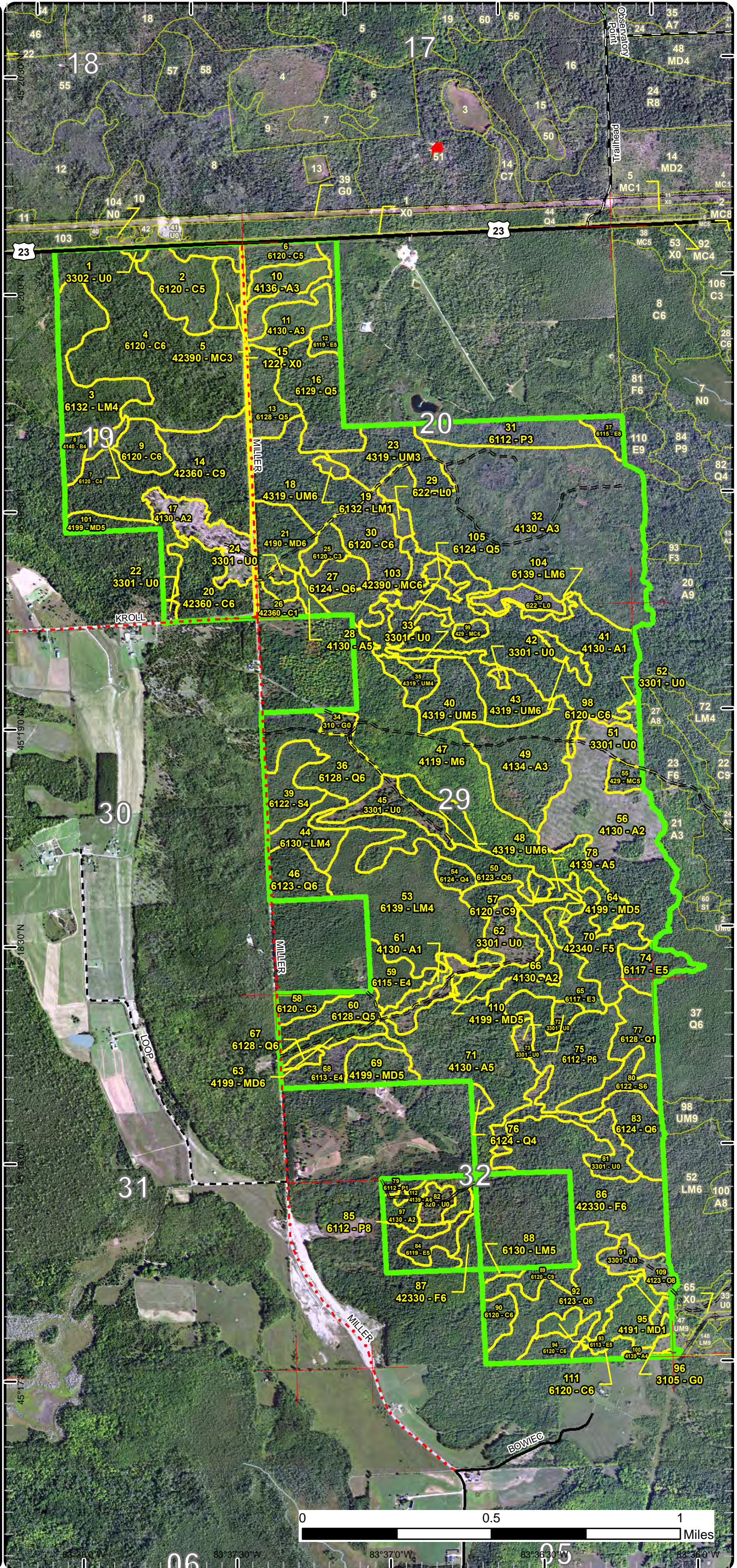
83°38'0"W 83°37'30"W 83°37'0"W 83°36'30"W 83°36'0"W

Stand Boundary Map

Compartment: 142
 T34N, R07E, Sec. 19-21, 28, 29, 32
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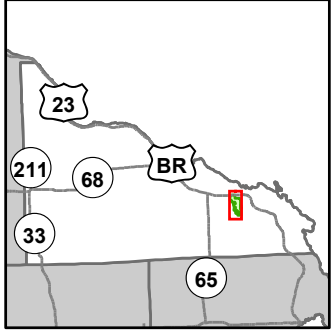


- Miris Corners
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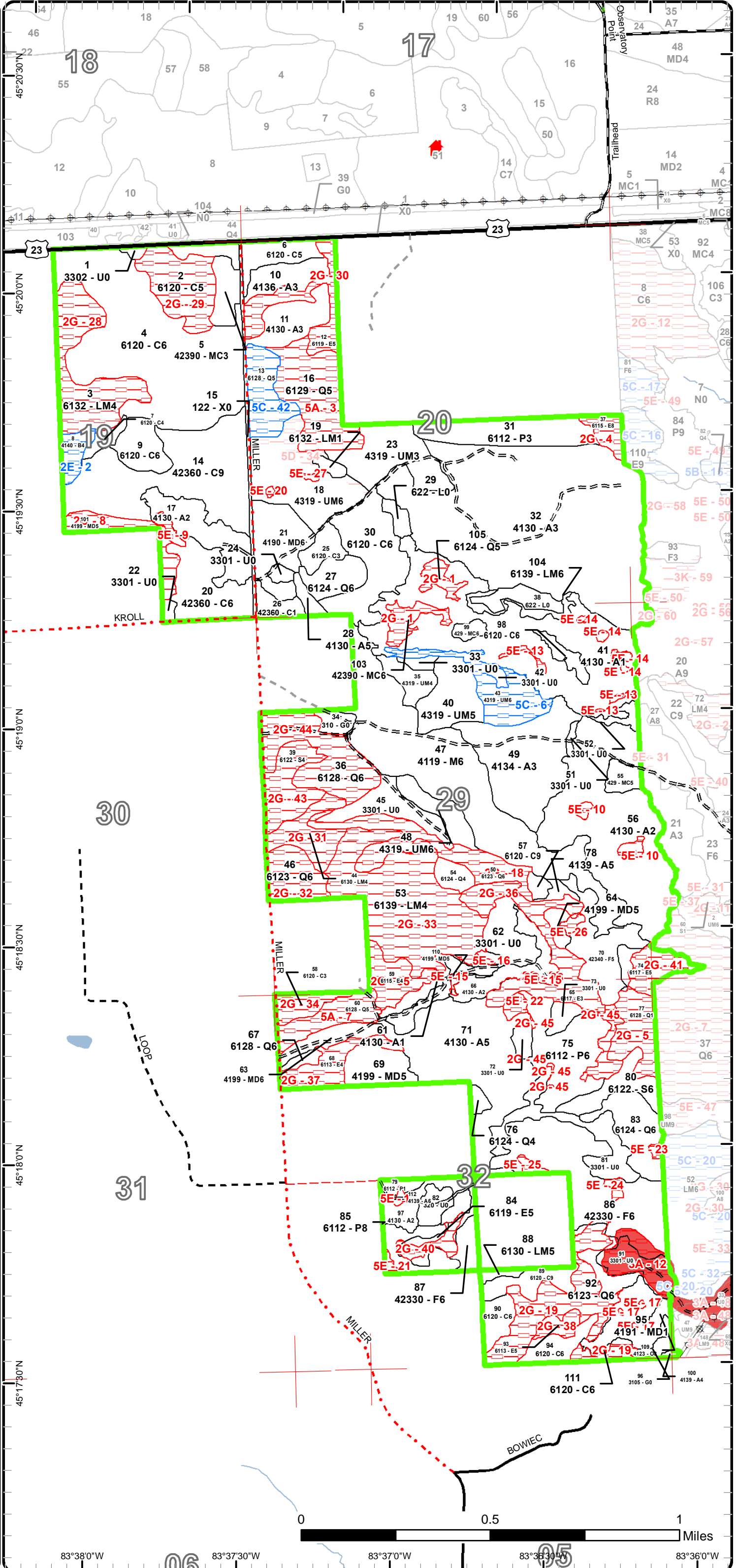


Special Conservation Areas

Compartment: 142
 T34N, R07E, Sec. 19-21, 28, 29, 32
 County: Presque Isle
 Unit: Atlanta
 Mgmt Area: Alpena Lake Plain
 YOE: 2024
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- Designated Multi-Use Trails
- Lake/Pond
- Perennial River
- Lakes and Rivers
- ▲ Cabin
- Powerline
- Compartment Boundary
- Available w/ Constraints
- 2E: Road needed
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- Unavailable
- 2G: Too wet (sensitive soils, does not include access issues)
- 3A: Conservation Values incompatible with harvest at this time
- 5A: Not able to obtain desirable regeneration
- 5E: Long-Term Retention
- Stand Boundaries
- Ecological Reference Areas



83°38'0"W 83°37'30"W 83°37'0"W 83°36'30"W 83°36'0"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	196	0	168	38	3	4	53	0	0	0	0	0	0	0	0	0	0	461
Cedar	0	0	0	0	6	0	5	10	3	93	56	110	0	0	0	0	0	0	282
Herbaceous Openland	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Low-Density Trees	72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	72
Lowland Aspen/Balsam Poplar	0	2	0	20	0	0	0	0	0	42	0	0	0	0	0	0	0	0	64
Lowland Conifers	0	0	0	0	0	0	11	38	80	14	52	0	0	0	0	0	0	0	194
Lowland Deciduous	0	0	0	0	0	0	39	21	22	0	0	5	0	0	0	0	0	0	86
Lowland Mixed Forest	0	0	0	0	2	0	60	4	12	29	0	0	0	0	0	0	0	0	107
Lowland Shrub	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	10	15	0	0	0	0	0	0	0	0	25
Mixed Upland Deciduous	0	14	0	0	0	0	18	18	4	12	0	0	0	0	0	0	0	0	66
Northern Hardwood	0	0	0	0	0	0	0	76	0	0	0	0	0	0	0	0	0	0	76
Oak	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2
Paper Birch	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	5
Upland Conifers	0	0	0	0	0	7	0	0	6	0	6	0	0	0	0	0	0	0	19
Upland Mixed Forest	0	0	0	0	21	0	6	9	46	0	17	0	0	0	0	0	0	0	99
Upland Shrub	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Upland Spruce/Fir	0	0	0	0	0	0	24	48	0	0	0	0	0	0	0	0	0	0	72
Urban	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Total	97	212	0	188	67	10	167	277	188	207	131	115	0	0	0	0	0	0	1655



Report 2 – Treatment Summary

Atlanta Mgt. Unit

Year of Entry: 2024

Acres of Harvest

Compartment 142

Total Compartment Acres: 1,656

Commercial Harvest - 217
 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	53	0	0	0	0	0	0	0	0	53
Lowland Aspen/Balsam Poplar	33	0	0	0	0	0	0	0	0	33
Lowland Conifers	19	0	0	0	0	0	0	0	0	19
Lowland Spruce/Fir	3	0	0	0	0	0	0	0	0	3
Upland Mixed Forest	33	0	0	0	0	0	0	0	0	33
Upland Spruce/Fir	77	0	0	0	0	0	0	0	0	77
Total	217	0	0	0	0	0	0	0	0	217

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	217	0	0	0	0	0	0	0	0	217
Next Step	0	0	0	0	0	0	217	0	0	217
Total	217	0	0	0	0	0	217	0	0	434



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

18	54142018-Cut-SBW	24.5	4319 - Mixed Upland Forest	Poletimber Well	71	81-110	Harvest	Clearcut with Retention	4319 - Mixed Upland Forest	Even-Aged	No
<p><u>Prescription Specs:</u> Clearcut, leave 3-10% retention. leave all cedar, focus retention islands around cedar and/or oak. This treatment is part of the spruce budworm efforts, include SBW in the sale name.</p> <p><u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Acceptable Regen:</u> medium to well stocked mixed stand of spruce, fir, and mixed northern hardwoods.</p> <p><u>Other Comment:</u> Variance was approved August 6, 2016.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 7 /1 /2016</p>											

48	54142048-Cut	8.7	4319 - Mixed Upland Forest	Poletimber Well	61	81-110	Harvest	Clearcut with Retention	4191 - Mixed Upland Deciduous with Conifer	Even-Aged	No
<p><u>Prescription Specs:</u> Clearcut with retention.</p> <p><u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Acceptable Regen:</u> Acceptable regen includes a full to medium stocked mix of: maple, birch, aspen, spruce/fir, red pine, and white pine.</p> <p><u>Other Comment:</u> There is larger white and red pine present in the northern half of this stand, possible legacy trees present in stand.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>											

70	54142070-Cut-SBW	25.3	42340 - Upland Spruce/Fir	Poletimber Medium	56	51-80	Harvest	Clearcut with Retention	4319 - Mixed Upland Forest	Even-Aged	No
<p><u>Prescription Specs:</u> Clearcut, leave 3-10% retention. this treatment is part of the spruce budworm efforts, include SBW in the sale name. Variance was approved August 6, 2016.</p> <p><u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Acceptable Regen:</u> Medium to well stocked stand of aspen, fir, spruce, and other mixed hardwoods.</p> <p><u>Other Comment:</u> Variance was approved August 6, 2016.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 7 /1 /2016</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
71	54142071-Cut	52.7	4130 - Aspen	Poletimber Medium	68	51-80	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Clearcut with retention (3-10%)</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Acceptable regen includes: aspen, red maple, birch, spruce/fir.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>											
75	54142075-Cut- SBW	23.4	6112 - Lowland Aspen	Poletimber Well	86		Harvest	Clearcut with Retention	6112 - Lowland Aspen	Even-Aged	No
<p><u>Prescription</u> Clear-cut with retention. This is part of the spruce budworm efforts. Include SBW in the sale name. Treatable area may be less due to areas that are too wet.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Acceptable regeneration is a medium to well stocked stand of aspen, spruce, fir, paper birch, and red maple.</p> <p><u>Regen:</u></p> <p><u>Other</u> A variance is being done on this stand to salvage the fir and spruce under the threat of a possible spruce bud worm infestation. Although fir and spruce only make up 30% of the stand canopy, with the high amount of windthrow and the mature aspen, it makes sense to harvest this stand now, while we are in here harvesting the adjacent SBW stands.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2017</p>											
80	54142080-Cut- SBW	2.8	6122 - Black Spruce	Poletimber Well	73	51-80	Harvest	Clearcut with Retention	6124 - Lowland Spruce-Fir	Even-Aged	No
<p><u>Prescription</u> Clear-cut with retention. This is part of the spruce budworm efforts. Include SBW in the sale name. Treatable area may be less due to areas that are too wet.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Acceptable regeneration is a medium to well stocked stand of spruce, fir, aspen, paper birch, and red maple.</p> <p><u>Regen:</u></p> <p><u>Other</u> A variance is being done on this stand to salvage the fir and spruce under the threat of a possible spruce bud worm infestation.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2017</p>											
83	54142083-Cut- SBW	13.6	6124 - Lowland Spruce-Fir	Poletimber Well	74	51-80	Harvest	Clearcut with Retention	6124 - Lowland Spruce-Fir	Even-Aged	No
<p><u>Prescription</u> Clear-cut with retention. This is part of the spruce budworm efforts. Include SBW in the sale name. Treatable area may be less due to areas that are too wet.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Acceptable regeneration is a medium to well stocked stand of spruce, fir, aspen, paper birch, and red maple.</p> <p><u>Regen:</u></p> <p><u>Other</u> A variance is being done on this stand to salvage the fir and spruce under the threat of a possible spruce bud worm infestation.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2017</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
85	54142085-Cut-SBW	9.4	6112 - Lowland Aspen	Sawtimber Medium	82	81-110	Harvest	Clearcut with Retention	6117 - Lowland Deciduous, Mixed Coniferous	Even-Aged	No
<p><u>Prescription</u> Clear-cut with retention. Retain 3-10 percent of the stand in pocket(s). This is part of the spruce budworm efforts, include SBW in the sale name. Treatable area may be less due to areas that are too wet.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Acceptable regeneration is a mix of aspen, spruce, fir and paper birch. Some ash is expected and acceptable.</p> <p><u>Other Comment:</u> Variance was approved August 6, 2016.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 7/1/2016</p>											
86	54142086-Cut-SBW	46.5	42330 - Upland Fir	Poletimber Well	61	81-110	Harvest	Clearcut with Retention	42330 - Upland Fir	Even-Aged	No
<p><u>Prescription</u> clearcut, leave 3-10% retention in islands. This is part of the spruce budworm efforts, include SBW in the sale name. Treatable area may be less due to areas that are too wet.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> medium to well stocked stand of fir, spruce, aspen, red maple, and paper birch.</p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 7/1/2016</p>											
87	54142087-Cut-SBW	4.7	42330 - Upland Fir	Poletimber Well	52	81-110	Harvest	Clearcut	4319 - Mixed Upland Forest	Even-Aged	No
<p><u>Prescription</u> Clear-cut. This is part of the spruce budworm efforts, include SBW in the sale name. Treatable area may be less due to areas that are too wet.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Acceptable regeneration is a mix of aspen, fir, red maple, and paper birch.</p> <p><u>Other Comment:</u> Variance was approved August 6, 2016.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 7/1/2016</p>											
92	54142092-Cut-SBW	5.2	6123 - Lowland Fir	Poletimber Well	77	51-80	Harvest	Clearcut with Retention	6124 - Lowland Spruce-Fir	Even-Aged	No
<p><u>Prescription</u> Clear-cut with retention. This is part of the spruce budworm efforts. Include SBW in the sale name. Treatable area may be less due to areas that are too wet.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Acceptable regeneration is a medium to well stocked stand of spruce, fir, aspen, paper birch, and red maple.</p> <p><u>Other Comment:</u> A variance is being done on this stand to salvage the fir and spruce under the threat of a possible spruce bud worm infestation.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1/2017</p>											



S
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Treatment
Name

Acres

Stand
CoverType

Size
Density

Stand
Age

BA
Range

Treatment
Type

Treatment
Method

Cover Type
Objective

Age
Structure

Habitat
Cut

Total Treatment
Acreage Proposed: 216.8

Report 4 – Site Conditions

Atlanta Mgt. Unit
Cole Michaud : Examiner

Compartment: 142
Year of Entry: 2024

Availability for Management

Total Acres	Acres Available	Acres Available With Condition	Acres Not Available
459	452	0	7

Dominant Site Conditions

	Total Acres	Acres Available	Acres Available With Condition	Acres Not Available	Dominant Site Condition	Dominant Site Conditions						
						2E	5C	2G	3A	5A	5D	5E
459	452	0	0	7	Aspen	0	0	0	0	0	0	7
283	254	0	0	30	Cedar			30		0		0
6	6	0	0	0	Herbaceous Openland							
71	62	0	0	9	Low-Density Trees			0	9			0
43	34	0	0	8	Lowland Aspen/Balsam Poplar			6				3
194	39	14	14	142	Lowland Conifers		14	102	0	38		1
87	5	0	0	81	Lowland Deciduous			81		0		0
106	8	0	0	99	Lowland Mixed Forest			99				0
9	9	0	0	0	Lowland Shrub							
25	10	0	0	15	Lowland Spruce/Fir			15				
66	53	0	0	13	Mixed Upland Deciduous			10	0	0		3
76	76	0	0	0	Northern Hardwood							
2	2	0	0	0	Oak							
5	0	5	5	0	Paper Birch	5						
20	14	0	0	6	Upland Conifers			6				
99	73	17	17	9	Upland Mixed Forest		17			0	8	1
5	5	0	0	0	Upland Shrub							
72	65	0	0	7	Upland Spruce/Fir			0	3			4
5	5	0	0	0	Urban							
1,633	1,172	36	36	425	Total Forested Acres	5	31	349	12	38	8	18
	72%	2%	2%	26%	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	2G: Too wet (sensitive soils, does not include access issues)	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

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2	Available	2E: Road needed	5	5C: Delay treatment for age/size class diversity or exceptional site quality	Unspecified	Unspecified	Unspecified
Comments:							
3	Unavailable	5A: Not able to obtain desirable regeneration	27	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
4	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	13	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	17	5F: Evaluated for Forest Health Considerations	Unspecified	Unspecified	Unspecified
Comments: Healthy now, re-evaluate and possibly treat next YOE							
7	Unavailable	5A: Not able to obtain desirable regeneration	12	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

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8	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
9	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments: This is long term retention for the harvest to the east. Sale Name: Miller's Mix on the Rocks; Sale No.: 54-043-14-01.							
10	Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments: This is long term retention from the harvest of the surrounding stand. Sale Name: Miller's Mix on the Rocks; Sale No.: 54-043-14-01.							
11	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: This is long term retention from the harvest of the surrounding stands. Sale Name: Miller's Mix on the Rocks; Sale No.: 54-043-14-01.							
12	Unavailable	3A: Conservation Values incompatible with harvest at this time	12	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Grand Lake Glade ERA.							
13	Unavailable	5E: Long-Term Retention	2	3K: Rare or unique landforms	Unspecified	Unspecified	Unspecified
Comments: This is long term retention for the surrounding timber sale harvest. Sale Name: Miller's Mix on the Rocks; Sale No.: 54-043-14-01. These pockets contain rock ledges.							

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14	Unavailable	5E: Long-Term Retention	2	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments: This is long term retention for the surrounding timber sale harvest. Sale Name: Miller's Mix on the Rocks; Sale No.: 54-043-14-01. These pockets contain vernal pools and stand representative species.							
15	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: This is long tem retention from timber Sale No. 54-043-14-01.							
16	Unavailable	5E: Long-Term Retention	1	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments: This is long term retention for the harvest to the east and west. Sale Name: Miller's Mix on the Rocks; Sale No.: 54-043-14-01. There is a stream that flows through this retention pocket that goes under ground to the south and then reappears even further south.							
17	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: This is long term retention from the harvest of the surrounding stand. Sale Name: Miller's Mix on the Rocks; Sale No.: 54-043-14-01.							
18	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	21	5F: Evaluated for Forest Health Considerations	Unspecified	Unspecified	Unspecified
Comments:							
19	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	29	5F: Evaluated for Forest Health Considerations	Unspecified	Unspecified	Unspecified
Comments:							

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20	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments: This is long term retention for the surrounding stand. Timber Sale Name: Are We There Yet? SBW; Sale No: 54-040-017.							
21	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: This is long term retention for the stand to the east. Timber Sale Name: Are We There Yet? SBW; Sale No: 54-040-017.							
22	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments: This is long term retention for the stand to the east. Timber Sale Name: Are We There Yet? SBW; Sale No: 54-040-017.							
23	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: This is long term retention for the stand to the west. Timber Sale Name: Are We There Yet? SBW; Sale No: 54-040-017.							
24	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: This is long term retention for the surrounding stand to the west, south and east. Timber Sale Name: Are We There Yet? SBW; Sale No: 54-040-017.							
25	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: This is long term retention for the surrounding stand to the west, north, and east. Timber Sale Name: Are We There Yet? SBW; Sale No: 54-040-017.							
26	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: This is long term retention for the stand to the east. Timber Sale Name: Are We There Yet? SBW; Sale No: 54-040-017.							
27	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: This is long term retention for the surrounding stand. Timber Sale Name: Are We There Yet? SBW; Sale No: 54-040-017.							

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28	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	29	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
29	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	20	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
30	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	14	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
31	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	12	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
32	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	12	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

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33	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	58	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
34	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
35	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
36	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	25	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
37	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

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38	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
40	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
41	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
42	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	14	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
43	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	15	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

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Cole Michaud : Examiner

Compartment: 142
Year of Entry: 2024

44	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	26	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
45	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Mgt. Unit

Compartment: #Type!

Year of Entry:



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

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
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Comments



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
ERA	Ecological Reference Areas	Ecological Reference Areas (ERAs) are high quality examples of natural communities that have been identified as Element Occurrences (EOs) by the Michigan Natural Features Inventory (MNFI) within the context of their natural community classification system. Element Occurrences with viability ranks of A (Excellent) or B (Good) and a Global (G) or State (S) element (rarity) ranking of endangered (1), threatened (2), or rare (3) serve as an initial base of ERAs. They may be located upon any ownership in the State. The system is comprised of individual or associations of natural community types that are managed for restoration and maintenance of natural ecological processes and values. The public may submit recommendations for lands as ERAs using the DNR Conservation Area Recommendation Form.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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1 3302 - Low Density Conifer Trees Nonstocked 1.1 Immature No

2 6120 - Lowland Cedar Poletimber Medium 20.1 97 51-80 N/A Very wet. Standing water and saturated soils throughout stand.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Northern White Cedar	60	Pole/Sap/Log	7	97	Balsam Fir	Medium	Variable	Sapling
Black Ash	20	Pole/Sapling	5		Black Ash	Medium	Variable	Sapling
Tamarack	10	Pole/Sapling	5		Tag Alder	Medium	5 - 10 feet	Tall Shrub
Paper Birch	10	Pole	6	63				

3 6132 - Mixed Lowland Forest with Cedar Poletimber Poor 28.8 82 1-50 N/A Northern portion of stand is very wet. Nicer cedar present in the lower part of stand.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	12	Pole/Sap/Log	7		Balsam Fir	Medium	Variable	Sapling
Balsam Fir	7	Sapling/Pole	3		Black Spruce	Medium	Variable	Sapling
Black Spruce	25	Pole/Sap/Log	7	82	Dogwood (spp.)	Medium	< 5 feet	Tall Shrub
Northern White Cedar	20	Pole/Log/Sap	9		Tag Alder	High	5 - 10 feet	Tall Shrub
Paper Birch	16	Pole/Sapling	5					
Black Ash	15	Pole/Sapling	6					
Red Maple	5	Sapling/Pole	4					

4 6120 - Lowland Cedar Poletimber Well 87.4 82 51-80 N/A Dense balsam understory present in scattered areas throughout stand. Creek runs through western part of stand. Wet portions throughout stand as well.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	3	Pole/Sapling	6		Balsam Fir	High	Variable	Sapling
Bigtooth Aspen	10	Pole/Sap/Log	8					
Balsam Poplar	5	Sapling/Pole	4					
Balsam Fir	7	Pole/Sapling	5					
Northern White Cedar	70	Pole/Sap/Log	7	82				
Black Spruce	5	Pole/Sap/Log	7					

5 42390 - Mixed Non-Pine Upland Conifers Sapling Well 7.3 46 1-50 N/A Mostly an upland stand with scattered lowland areas with standing water.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	5	Sapling	3		Northern White Cedar	Low	< 5 feet	Seeding
Quaking Aspen	10	Sapling	1		Black Ash	Low	Variable	Sapling
Northern White Cedar	55	Sapling	1	46	Willow spp.	Low	5 - 10 feet	Sapling
White Pine	3	Pole/Log	9					
Black Spruce	20	Sapling	1					
Tamarack	7	Sapling/Pole	4					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
6	6120 - Lowland Cedar	Poletimber Medium	13.3	94	51-80	N/A	Snags and standing water present in areas throughout stand.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Black Spruce		25	Pole/Sapling	5		Willow spp.	
Northern White Cedar		50	Pole/Sap/Log	8	94	Black Spruce	
Black Ash		10	Pole/Sapling	6		Tamarack	
Quaking Aspen		15	Sapling/Pole	3		Tag Alder	
						Black Ash	
						Balsam Fir	
						Density	
						Avg. Height	
						Size	
						Low	
						< 5 feet	
						Sapling	
						Low	
						Variable	
						Sapling	
						Low	
						5 - 10 feet	
						Sapling	
						Low	
						5 - 10 feet	
						Tall Shrub	
						Low	
						Variable	
						Sapling	
						Medium	
						< 5 feet	
						Sapling	
7	6120 - Lowland Cedar	Poletimber Poor	3.0	72	1-50	N/A	Very wet. Sparse canopy coverage.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Balsam Poplar		5	Pole/Sapling	6		Northern White Cedar	
Balsam Fir		5	Sapling/Pole	4		Tag Alder	
Black Spruce		10	Sapling/Pole	4		Black Spruce	
Northern White Cedar		60	Pole/Sapling	5	72	Density	
Tamarack		20	Sapling/Pole	3		Avg. Height	
						Size	
						Low	
						< 5 feet	
						Seeding	
						Medium	
						5 - 10 feet	
						Tall Shrub	
						Low	
						< 5 feet	
						Seeding	
8	4140 - Other Upland Deciduous	Poletimber Poor	5.2	79	51-80	N/A	Substantial blowdown present in stand.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Green Ash		5	Pole	7		Balsam Fir	
Bigtooth Aspen		17	Log/Pole	12		Black Spruce	
Paper Birch		70	Pole/Log/Sap	8	79	Red Maple	
Northern White Cedar		4	Pole/Sap/Log	9		Density	
White Pine		4	Log	12		Avg. Height	
						Size	
						Low	
						Variable	
						Sapling	
						Low	
						< 5 feet	
						Sapling	
						Medium	
						5 - 10 feet	
						Sapling	
9	6120 - Lowland Cedar	Poletimber Well	9.9	96	81-110	N/A	Very wet stand. Standing water throughout.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Bigtooth Aspen		3	Sapling/Pole	4		Northern White Cedar	
Balsam Fir		2	Sapling/Pole	4		Balsam Fir	
Northern White Cedar		92	Pole/Sap/Log	7	96	Density	
Black Spruce		3	Sapling/Pole	4		Avg. Height	
						Size	
						Low	
						< 5 feet	
						Seeding	
						Low	
						< 5 feet	
						Seeding	
10	4136 - Aspen, Mixed Conifer	Sapling Well	9.1	26	Immature	N/A	Mostly an upland stand with scattered low areas containing tag alder.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Northern White Cedar		10	Sapling	1		Northern White Cedar	
Black Spruce		15	Sapling	1		Tag Alder	
Quaking Aspen		75	Sapling	1	26	Labrador Tea	
						Black Spruce	
						Density	
						Avg. Height	
						Size	
						Low	
						< 5 feet	
						Seeding	
						Low	
						5 - 10 feet	
						Tall Shrub	
						Low	
						< 5 feet	
						Tall Shrub	
						Low	
						< 5 feet	
						Seeding	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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11	4130 - Aspen	Sapling Well	12.4	26	Immature	N/A	Abundant tag alder and leatherleaf present in the wet areas scattered throughout the stand.																																					
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>95</td> <td>Sapling</td> <td>2</td> <td>26</td> </tr> <tr> <td>Black 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	2	26	Black 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>Leatherleaf</td> <td>Medium</td> <td>< 5 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Red Maple</td> <td>Low</td> <td>< 5 feet</td> <td>Seeding</td> </tr> <tr> <td>Northern White Cedar</td> <td>Low</td> <td>< 5 feet</td> <td>Seeding</td> </tr> <tr> <td>Tag Alder</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Black Spruce</td> <td>Low</td> <td>< 5 feet</td> <td>Sapling</td> </tr> </tbody> </table>				Sub-Canopy Species	Density	Avg. Height	Size	Leatherleaf	Medium	< 5 feet	Tall Shrub	Red Maple	Low	< 5 feet	Seeding	Northern White Cedar	Low	< 5 feet	Seeding	Tag Alder	Medium	5 - 10 feet	Tall Shrub	Black Spruce	Low	< 5 feet	Sapling
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12	6119 - Mixed Lowland Deciduous Forest	Poletimber Medium	14.4	68	51-80	N/A	Deep standing water present in stand. Present vegetation includes: pond lillies and cattails.																																																
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Balsam Fir	Low	5 - 10 feet	Sapling																																																				

13	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Medium	13.8	82	51-80	N/A	Portions of stand were previously cut. Balsam fir regenerating well in the open areas.																																																
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14	42360 - Upland Cedar	Sawtimber Well	54.1	106	81-110	N/A																																																			
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15	122 - Road/Parking Lot	Nonstocked	5.2			No	
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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16 6129 - Mixed Coniferous Lowland Forest Poletimber Medium 26.8 94 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	25	Pole/Sapling	5		Green Ash	Low	Variable	Sapling
White Pine	15	Log/Pole	12		Northern White Cedar	Low	< 5 feet	Sapling
Hemlock	3	Pole	6		Balsam Fir	High	< 5 feet	Sapling
Northern White Cedar	45	Log/Pole	10	94				
Paper Birch	12	Pole/Sapling	7					

17 4130 - Aspen Sapling Medium 17.5 7 Immature N/A

Canopy Species	% Cover	Size Class	DBH	Age
Paper Birch	20	Sapling	1	
Northern White Cedar	5	Pole	7	
Quaking Aspen	75	Sapling	1	7

The harvest of this stand was completed on 6/17/15. Sale Name: Miller's Mix on the Rocks; Sale No.: 54-043-14-01. All trees with the exception of Cedar were harvested.

18 4319 - Mixed Upland Forest Poletimber Well 30.4 71 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Spruce	25	Pole/Sap/Log	8	71	Hazelnut (Spp.)	Low	5 - 10 feet	Tall Shrub
Northern White Cedar	3	Pole	8		Paper Birch	Medium	Variable	Sapling
Basswood	10	Pole/Sapling	7		Green Ash	Low	Variable	Sapling
Red Oak	4	Pole/Sap/Log	7		Balsam Fir	Low	Variable	Sapling
Paper Birch	18	Pole/Sapling	7					
Sugar Maple	20	Pole/Log	9					
Balsam Fir	20	Pole/Sapling	6					

19 6132 - Mixed Lowland Forest with Cedar Sapling Poor 1.9 33 Immature N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	45	Sapling/Pole	4	33	Northern White Cedar	Low	< 5 feet	Seeding
White Spruce	20	Sapling	3		Labrador Tea	Low	< 5 feet	Tall Shrub
Northern White Cedar	35	Sapling/Pole	4		White Spruce	Low	Variable	Sapling

Young stand. Small acreage.

20 42360 - Upland Cedar Poletimber Well 20.9 103 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Northern White Cedar	70	Pole/Log/Sap	8	103	Northern White Cedar	Low	< 5 feet	Seeding
Bigtooth Aspen	15	Log/Pole	11		Balsam Fir	Low	Variable	Sapling
Balsam Fir	5	Sapling/Pole	4					
Paper Birch	10	Pole/Sapling	7					

Pockets of aspen present in stand. Lowland wet areas present within stand. Cedar regeneration in aspen openings.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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21 4190 - Mixed Upland Deciduous with Cedar Poletimber Well 17.6 62 51-80 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	20	Log/Pole	12		Balsam Fir	Low	Variable	Sapling
Paper Birch	15	Pole	7		Hazelnut (Spp.)	Low	5 - 10 feet	Tall Shrub
Balsam Fir	6	Pole/Sapling	6					
Basswood	10	Pole/Log	8					
Ironwood	4	Pole/Sapling	6					
Northern White Cedar	20	Log/Pole	11					
Sugar Maple	25	Pole	8	62				

22 3301 - Low Density Deciduous Trees Nonstocked 1.3 No

23 4319 - Mixed Upland Forest Sapling Well 21.2 36 51-80 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	35	Pole/Sapling	5	36	Paper Birch	Medium	5 - 10 feet	Sapling
Black Spruce	25	Sapling/Pole	4		Labrador Tea	Low	< 5 feet	Tall Shrub
Northern White Cedar	5	Log/Pole	11		Pin Cherry	Low	5 - 10 feet	Sapling
White Pine	15	Pole/Log	8		Black Spruce	Low	< 5 feet	Sapling
Paper Birch	20	Sapling/Pole	3					

24 3301 - Low Density Deciduous Trees Nonstocked 1.6 No

25 6120 - Lowland Cedar Sapling Well 5.8 38 1-50 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen	2	Sapling/Pole	3		Northern White Cedar	Low	Variable	Sapling
Northern White Cedar	80	Sapling/Pole	3	38	Black Spruce	Low	Variable	Sapling
Black Spruce	10	Pole/Sapling	5					
Black Ash	4	Sapling/Pole	3					
Red Maple	4	Sapling/Pole	3					

26 42360 - Upland Cedar Sapling Poor 4.5 56 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Spruce	2	Sapling/Pole	4		Juniper	High	< 5 feet	Tall Shrub
Northern White Cedar	93	Sapling/Pole	3	56				
White Pine	3	Sapling/Pole	4					
Paper Birch	2	Pole/Sapling	5					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																														
27	6124 - Lowland Spruce-Fir	Poletimber Well	9.0	54	51-80	N/A																																															
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28	4130 - Aspen	Poletimber Medium	2.6	41	1-50	N/A	Steeper slopes present on edge of the stand.																																														
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29	622 - Lowland Shrub	Nonstocked	2.8			No																																															
30	6120 - Lowland Cedar	Poletimber Well	26.7	108	51-80	N/A	Areas of mainly aspen, spruce, and balsam with wind throw and balsam regeneration present.																																														
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31	6112 - Lowland Aspen	Sapling Well	20.3	24	Immature	N/A																																															
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33	3301 - Low Density Deciduous Trees	Nonstocked	1.8			No																																															



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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34 310 - Herbaceous Openland Nonstocked 3.6 No

35 4319 - Mixed Upland Forest Poletimber Poor 6.4 51 1-50 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Spruce	41	Pole/Log	9	51	Black Cherry	Low	5 - 10 feet	Sapling
Green Ash	10	Pole	5		Serviceberry (Juneberry)	Low	5 - 10 feet	Tall Shrub
Quaking Aspen	39	Pole	6		Dogwood (spp.)	Low	5 - 10 feet	Tall Shrub
Sugar Maple	10	Pole	7		Hawthorn (spp.)	Low	5 - 10 feet	Tall Shrub

36 6128 - Lowland Coniferous, Mixed Deciduous Poletimber Well 26.1 78 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	10	Pole/Sapling	6		Balsam Fir	Medium	Variable	Sapling
Quaking Aspen	30	Pole/Log/Sap	9	78	Green Ash	Low	5 - 10 feet	Sapling
Balsam Fir	25	Pole/Sap/Log	7		Pin Cherry	Low	5 - 10 feet	Sapling
Black Spruce	8	Pole/Sapling	6					
Northern White Cedar	25	Pole/Log/Sap	9					
Tamarack	2	Sapling/Pole	4					

37 6115 - Lowland Ash Sawtimber Medium 5.1 104 51-80 N/A Very wet stand. Pond lilies and standing water present throughout stand.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	15	Pole/Sap/Log	8		Black Spruce	Low	< 5 feet	Sapling
Balsam Fir	5	Sapling/Pole	4		Tag Alder	Medium	5 - 10 feet	Tall Shrub
Black Ash	70	Log/Pole	11	104	Balsam Fir	Medium	Variable	Sapling
Paper Birch	10	Pole/Sapling	6					

38 622 - Lowland Shrub Nonstocked 6.2 No

39 6122 - Black Spruce Poletimber Poor 14.6 83 1-50 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Northern White Cedar	32	Pole/Log/Sap	7		Green Ash	Medium	Variable	Sapling
Black Spruce	60	Pole/Sap/Log	8	83	Balsam Fir	Low	Variable	Sapling
Paper Birch	8	Pole/Sapling	5		Black Spruce	Medium	< 5 feet	Sapling
					Willow spp.	Low	5 - 10 feet	Sapling
					Northern White Cedar	Low	Variable	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
40	4319 - Mixed Upland Forest	Poletimber Medium	15.5	70	51-80	N/A			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir		5	Sapling/Pole	4		Quaking Aspen	Medium	5 - 10 feet	Sapling
Northern White Cedar		15	Log	11		Balsam Fir	Low	< 5 feet	Sapling
Black Spruce		33	Pole/Log	8	70	Dogwood (spp.)	Medium	5 - 10 feet	Tall Shrub
White Pine		5	Log	14					
Paper Birch		17	Pole/Sapling	5					
Quaking Aspen		25	Pole/Sap/Log	8					
41	4130 - Aspen	Sapling Poor	79.9	3	Immature	N/A	The harvest of this stand was completed on 6/7/2019. Sale Name: Miller's Mix on the Rocks; Sale No.: 54-043-14-01. All trees, with the exception of cedar and oak, were harvested.		
Canopy Species		% Cover	Size Class	DBH	Age				
Paper Birch		10	Sapling	1					
White Spruce		5	Sapling	1					
Beech		2	Sapling	1					
Red Oak		2	Pole	7					
Quaking Aspen		80	Sapling	1	3				
Northern White Cedar		1	Pole	8					
42	3301 - Low Density Deciduous Trees	Nonstocked	1.0			No			
43	4319 - Mixed Upland Forest	Poletimber Well	17.1	98	81-110	N/A	Very variable stand.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Basswood		4	Pole/Log	8		Black Cherry	Low	5 - 10 feet	Sapling
Red Oak		23	Log/Pole	10	98	Red Oak	Low	Variable	Sapling
Quaking Aspen		10	Log/Pole	12		Dogwood (spp.)	Low	5 - 10 feet	Tall Shrub
Balsam Fir		15	Pole/Sapling	6		Serviceberry (Juneberry)	Low	5 - 10 feet	Tall Shrub
White Spruce		20	Pole/Sap/Log	8		White Spruce	Low	Variable	Sapling
Northern White Cedar		8	Log/Pole	12					
Red Pine		5	Log/Pole	10					
Sugar Maple		15	Pole/Log/Sap	9					
44	6130 - Fir, Aspen, Maple	Poletimber Poor	12.2	72	1-50	N/A	Very wet. Variable density throughout stand.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen		50	Pole/Log/Sap	9	72	Quaking Aspen	Medium	10 - 20 feet	Sapling
Black Spruce		25	Pole/Sapling	6		Northern White Cedar	Low	< 5 feet	Sapling
Balsam Fir		10	Pole/Sapling	5		Black Ash	Low	Variable	Sapling
Northern White Cedar		15	Log/Pole	11					
45	3301 - Low Density Deciduous Trees	Nonstocked	12.4			No			



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																											
50	6123 - Lowland Fir	Poletimber Well	21.3	61	1-50	N/A																																																												
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51	3301 - Low Density Deciduous Trees	Nonstocked	1.0			No																																																												
52	3301 - Low Density Deciduous Trees	Nonstocked	2.6			No																																																												
53	6139 - Mixed Lowland Forest	Poletimber Poor	58.0	57	1-50	N/A	Very wet stand. Standing water in places.																																																											
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54	6124 - Lowland Spruce-Fir	Poletimber Poor	4.4	71	51-80	N/A																																																												
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55	429 - Mixed Upland Conifers	Poletimber Medium	4.3	73	51-80	N/A																																																												
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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56	4130 - Aspen	Sapling Medium	70.5	3	Immature	N/A	The harvest of the northern 2/3 of this stand was completed on 6/17/15. The harvest of the southern 1/3 of this stand was completed on 6/7/19. Sale Name: Miller's Mix on the Rocks; Sale No.: 54-043-14-01.
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Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	85	Sapling	1	3
Red Oak	3	Sapling	2	
White Oak	2	Sapling	2	
Red Maple	10	Sapling	1	

57	6120 - Lowland Cedar	Sawtimber Well	2.1	97	51-80	N/A	Small cedar stand.
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Canopy Species	% Cover	Size Class	DBH	Age
Bigtooth Aspen	11	Log/Pole	11	
Black Spruce	2	Pole	9	
Northern White Cedar	75	Log	11	97
Paper Birch	12	Pole/Sapling	5	

58	6120 - Lowland Cedar	Sapling Well	6.2	64		N/A	
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Canopy Species	% Cover	Size Class	DBH	Age
Paper Birch	4	Sapling	2	
Northern White Cedar	85	Sapling/Pole	4	64
Tamarack	5	Pole/Log/Sap	6	
Black Spruce	6	Sapling/Pole	3	

Sub-Canopy Species	Density	Avg. Height	Size
Labrador Tea	High	< 5 feet	Tall Shrub
Northern White Cedar	Medium	Variable	Sapling
Tag Alder	Medium	5 - 10 feet	Tall Shrub
Balsam Fir	Low	Variable	Sapling

59	6115 - Lowland Ash	Poletimber Poor	10.2	56	51-80	N/A	Swampy. Wet throughout stand.
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Canopy Species	% Cover	Size Class	DBH	Age
Black Spruce	3	Pole/Sapling	5	
Black Ash	70	Pole/Sapling	5	56
Paper Birch	7	Sapling/Pole	4	
Balsam Poplar	20	Pole/Sapling	5	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Low	< 5 feet	Sapling
Dogwood (spp.)	Medium	5 - 10 feet	Tall Shrub
Tag Alder	Medium	5 - 10 feet	Tall Shrub

60	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Medium	11.7	91	51-80	N/A	Nice cedar present in stand. Lowland stand with mixed deciduous and coniferous species.
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Canopy Species	% Cover	Size Class	DBH	Age
Black Spruce	20	Pole/Log/Sap	7	
Northern White Cedar	35	Pole/Log/Sap	9	91
Bigtooth Aspen	15	Pole/Sap/Log	8	
Red Maple	5	Pole/Sapling	5	
Paper Birch	15	Pole/Sapling	6	
Balsam Fir	10	Pole/Sapling	5	

Sub-Canopy Species	Density	Avg. Height	Size
White Spruce	Low	Variable	Sapling
Balsam Fir	Medium	Variable	Sapling
Northern White Cedar	Low	Variable	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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61 4130 - Aspen Sapling Poor 5.7 3 Immature N/A Lowland areas within stand. The harvest of this stand was completed on 3/6/19. Sale Name: Miller's Mix on the Rocks; Sale No.: 54-043-14-01.

Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	65	Sapling	1	3
Red Oak	10	Sapling	1	
Red Maple	10	Sapling	1	
Balsam Fir	7	Sapling	2	
White Spruce	8	Sapling	1	

62 3301 - Low Density Deciduous Trees Nonstocked 18.0 No

63 4199 - Other Mixed Upland Deciduous Poletimber Well 7.3 58 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen	30	Log/Pole	11	58	Balsam Fir	Medium	Variable	Sapling
Sugar Maple	15	Pole/Sapling	5					
Red Maple	15	Pole/Sapling	6					
Balsam Fir	10	Pole/Sapling	5					
Red Oak	15	Pole/Log	9					
Paper Birch	15	Pole/Sapling	6					

64 4199 - Other Mixed Upland Deciduous Poletimber Medium 2.9 74 51-80 N/A Deteriorating aspen canopy. Windthrow present throughout the stand.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	4	Pole	7		Red Maple	Low	Variable	Sapling
Paper Birch	27	Pole/Log	9	74	Ironwood	Medium	10 - 20 feet	Sapling
Red Maple	10	Pole/Sapling	6					
Quaking Aspen	23	Log	11					
Green Ash	20	Pole/Log	8					
Basswood	16	Pole/Log	8					

65 6117 - Lowland Deciduous, Mixed Sapling Well 24.7 54 51-80 N/A An approximate 1 acre inclusion of upland sugar maple/ash/aspen present in stand, otherwise mostly a lowland stand.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen	8	Pole/Sap/Log	6		Balsam Fir	Medium	Variable	Sapling
Balsam Fir	30	Pole/Sapling	5	54	Red Maple	Medium	Variable	Sapling
Black Ash	20	Sapling/Pole	3					
Paper Birch	17	Pole/Sapling	7					
Red Maple	25	Sapling/Pole	4					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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66 4130 - Aspen Sapling Medium 11.8 3 Immature N/A The harvest of this stand was completed on 3/6/19. Sale Name: Miller's Mix on the Rocks; Sale No.: 54-043-14-01.

Canopy Species	% Cover	Size Class	DBH	Age
Red Oak	5	Sapling	1	
Balsam Fir	5	Sapling	1	
White Spruce	5	Sapling	1	
Red Maple	10	Sapling	1	
Quaking Aspen	75	Sapling	1	3

67 6128 - Lowland Coniferous, Mixed Deciduous Poletimber Well 2.0 75 111-140 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen	7	Pole/Log	9		Balsam Fir	Low	5 - 10 feet	Sapling
Balsam Fir	35	Pole/Sapling	6					
Northern White Cedar	45	Pole/Sap/Log	8	75				
Red Maple	5	Sapling/Pole	4					
Paper Birch	8	Pole/Sapling	6					

68 6113 - Lowland Maple Poletimber Poor 11.0 72 1-50 N/A Wind thrown trees and deep water present in stand.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen	15	Pole/Log	9		Balsam Fir	Low	Variable	Sapling
Paper Birch	5	Pole/Sapling	5		Tag Alder	Medium	5 - 10 feet	Tall Shrub
Balsam Fir	5	Sapling/Pole	4					
Red Maple	75	Pole/Log	9	72				

69 4199 - Other Mixed Upland Deciduous Poletimber Medium 11.0 58 51-80 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen	30	Pole/Log/Sap	9	58	Balsam Fir	Medium	Variable	Sapling
Balsam Fir	10	Pole/Sapling	5					
Paper Birch	25	Pole/Sap/Log	7					
Red Maple	20	Pole/Sapling	6					
Red Oak	15	Pole	8					

70 42340 - Upland Spruce/Fir Poletimber Medium 19.0 56 51-80 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Green Ash	2	Pole/Log	9		Balsam Fir	Medium	Variable	Sapling
Red Maple	5	Pole/Sapling	5		Hawthorn (spp.)	Low	5 - 10 feet	Tall Shrub
Balsam Fir	35	Pole/Sapling	6	56	Paper Birch	Low	10 - 20 feet	Sapling
White Spruce	25	Pole/Sapling	6					
Basswood	3	Pole	7					
Bigtooth Aspen	25	Pole/Log	8					
Paper Birch	5	Pole/Sapling	7					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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71 4130 - Aspen Poletimber Medium 53.0 68 51-80 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	10	Pole/Log/Sap	7		Balsam Fir	Low	Variable	Sapling
Red Maple	5	Pole/Log/Sap	8		Quaking Aspen	Low	Variable	Sapling
Balsam Fir	10	Pole/Sapling	6					
Quaking Aspen	70	Pole/Sapling	6	68				
Ironwood	5	Pole/Sapling	6					

72 3301 - Low Density Deciduous Trees Nonstocked 2.9 No

73 3301 - Low Density Deciduous Trees Nonstocked 3.2 No

74 6117 - Lowland Deciduous, Mixed Coniferous Poletimber Medium 10.5 72 51-80 N/A Very wet ground. Lots of snags and unmerchantable timber present in stand.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen	36	Pole/Log/Sap	9	72	Black Spruce	Low	Variable	Sapling
Balsam Fir	15	Pole/Sapling	5		Black Ash	Medium	10 - 20 feet	Sapling
Black Spruce	20	Pole/Sapling	6		Balsam Fir	Low	< 5 feet	Sapling
Paper Birch	20	Pole/Sapling	5					
Red Maple	9	Sapling/Pole	4					

75 6112 - Lowland Aspen Poletimber Well 32.4 86 N/A Areas of wind throw present in stand.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Poplar	39	Pole/Sap/Log	7	86	Black Spruce	Low	< 5 feet	Sapling
Balsam Fir	15	Sapling/Pole	4		Balsam Fir	Medium	5 - 10 feet	Sapling
Black Spruce	20	Pole/Sapling	7	57				
Black Ash	2	Sapling	3					
Bigtooth Aspen	20	Pole/Log	8					
Red Maple	4	Sapling/Pole	4					

76 6124 - Lowland Spruce-Fir Poletimber Poor 1.9 57 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	37	Pole/Sapling	6	57	Red Osier Dogwood	High	< 5 feet	Tall Shrub
Balsam Fir	30	Pole/Sapling	5		Black Spruce	Low	Variable	Sapling
Balsam Poplar	33	Pole/Log/Sap	8					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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77 6128 - Lowland Coniferous, Mixed Deciduous Sapling Poor 13.4 98 51-80 N/A Cattails and pond lilies present in the understory. Standing water/swamp throughout stand.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	40	Sapling/Pole	4	98	Labrador Tea	Medium	< 5 feet	Tall Shrub
Tamarack	25	Sapling/Pole	4		Tag Alder	Low	5 - 10 feet	Tall Shrub
Black Willow	20	Sapling	2		Black Spruce	Medium	Variable	Sapling
Paper Birch	15	Sapling/Pole	3		Northern White Cedar	Low	< 5 feet	Seeding

78 4139 - Aspen, Mixed Deciduous Poletimber Medium 1.9 58 51-80 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	20	Pole/Sapling	6		Balsam Fir	Low	Variable	Sapling
Red Oak	10	Log/Pole	12		Red Maple	Medium	5 - 10 feet	Sapling
Paper Birch	15	Pole/Sapling	6					
Green Ash	15	Pole/Log/Sap	8					
Bigtooth Aspen	40	Pole/Log/Sap	9	58				

79 6112 - Lowland Aspen Sapling Poor 2.4 3 Immature N/A The harvest of this stand was completed on 3/6/19. Sale Name: Miller's Mix on the Rocks; Sale No.: 54-043-14-01. All trees with the exception of cedar were harvested.

Canopy Species	% Cover	Size Class	DBH	Age
White Spruce	2	Sapling	1	
Paper Birch	8	Sapling	1	
Balsam Fir	5	Sapling	1	
Red Maple	20	Sapling	1	
Quaking Aspen	65	Sapling	1	3

80 6122 - Black Spruce Poletimber Well 10.2 73 51-80 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen	2	Pole/Sapling	6		Balsam Fir	Low	Variable	Sapling
Paper Birch	4	Pole/Sapling	5		Black Spruce	Medium	Variable	Sapling
Balsam Fir	6	Sapling/Pole	4					
Black Spruce	85	Pole/Sapling	6	73				
Red Maple	3	Sapling/Pole	4					

81 3301 - Low Density Deciduous Trees Nonstocked 15.5 No

82 320 - Upland Shrub Nonstocked 4.8 Immature No



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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83 6124 - Lowland Spruce-Fir Poletimber Well 16.1 74 51-80 N/A ORV trail present in stand. Small diameter trees.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen	10	Log/Pole	10		Balsam Fir	Medium	Variable	Sapling
Black Spruce	5	Sapling/Pole	4		Black Spruce	Low	Variable	Sapling
Balsam Fir	48	Pole/Sapling	7	74	Tag Alder	Low	5 - 10 feet	Tall Shrub
Northern White Cedar	3	Log/Pole	11		Northern White Cedar	Medium	< 5 feet	Sapling
Tamarack	2	Sapling/Pole	4					
Jack Pine	10	Pole/Sapling	6					
Paper Birch	15	Pole/Sapling	6					
Red Maple	5	Sapling	3					
Black Ash	2	Pole/Sapling	6					

84 6119 - Mixed Lowland Deciduous Forest Poletimber Medium 7.3 62 51-80 N/A Very wet. Standing water throughout stand.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	15	Pole/Sapling	7		Balsam Fir	Medium	Variable	Sapling
Balsam Fir	15	Pole/Sapling	5					
Balsam Poplar	35	Pole/Sap/Log	8	62				
Basswood	8	Log/Pole	10					
Yellow Birch	2	Pole/Sapling	6					
Red Maple	25	Pole/Sap/Log	7					

85 6112 - Lowland Aspen Sawtimber Medium 9.5 82 81-110 N/A Access concerns. Log-sized declining aspen trees.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Ash	5	Pole/Sapling	7		Balsam Fir	Low	Variable	Sapling
Paper Birch	2	Pole/Sapling	5		Black Ash	Low	5 - 10 feet	Sapling
Black Spruce	30	Pole/Log/Sap	9	99	Black Spruce	Medium	Variable	Sapling
Bigtooth Aspen	63	Log/Pole	13	82				

86 42330 - Upland Fir Poletimber Well 47.7 61 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	80	Pole/Sapling	6	61	Balsam Fir	Medium	Variable	Sapling
Red Maple	2	Sapling/Pole	4					
Black Ash	4	Pole/Sap/Log	7					
Paper Birch	4	Pole/Sap/Log	9					
Bigtooth Aspen	10	Log/Pole	11					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																											
87	42330 - Upland Fir	Poletimber Well	4.9	52	81-110	N/A	Dense balsam fir.																																											
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88	6130 - Fir, Aspen, Maple	Poletimber Medium	1.7	59	1-50	N/A	Small diameter trees. Some windthrow in present.																																											
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89	6120 - Lowland Cedar	Sawtimber Well	8.2	107	111-140	N/A	Nice cedar stand. Some windthrow present.																																											
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90	6120 - Lowland Cedar	Poletimber Well	6.0	87	81-110	N/A	Smaller diameter cedar.																																											
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91	3301 - Low Density Deciduous Trees	Nonstocked	9.6		Immature	No																																												
92	6123 - Lowland Fir	Poletimber Well	31.5	77	51-80	N/A	Very wet. Poor timber present in stand.																																											
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																						
93	6113 - Lowland Maple	Poletimber Medium	3.8	58	141-170	N/A	Very wet. Standing water present throughout stand.																																						
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94	6120 - Lowland Cedar	Poletimber Well	7.2	93	111-140	N/A																																							
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95	4191 - Mixed Upland Deciduous with Conifer	Sapling Poor	14.4	3	Immature	N/A	The harvest of this stand was completed on 7/3/19. Sale Name: Miller's Mix on the Rocks; Sale No.: 54-043-14-01. All tress, with the exception of some marked paper birch and a few oak that went uncut with sale administer approval, were harvested.																																						
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96	3105 - Mixed Upland Herbaceous	Nonstocked	2.5			No																																							
97	4130 - Aspen	Sapling Medium	10.1	3	Immature	N/A	The harvest of this stand was completed on 3/6/19. Sale Name: Miller's Mix on the Rocks; Sale No.: 54-043-14-01. All tress with the exception of cedar and oak were harvested.																																						
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98	6120 - Lowland Cedar	Poletimber Well	3.7	98	111-140	N/A	This stand was marked out of Timber Sale No. 54-043-14-01.																																						
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
99	429 - Mixed Upland Conifers	Poletimber Well	2.4	76	111-140	N/A	This stand was marked out of Timber Sale No. 54-043-14-01.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Paper Birch		30	Pole	7	76	White Spruce	
Quaking Aspen		10	Pole/Sapling	7		Balsam Fir	
Northern White Cedar		15	Pole/Sapling	7			
White Pine		5	Sapling	4			
White Spruce		20	Pole/Sapling	5			
Balsam Fir		20	Pole/Sapling	5			
Sub-Canopy Species		Density	Avg. Height	Size			
White Spruce		Low	5 - 10 feet	Sapling			
Balsam Fir		Medium	Variable	Sapling			
100	4139 - Aspen, Mixed Deciduous	Poletimber Poor	0.5	58	1-50	N/A	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Green Ash		15	Pole/Log/Sap	8		Balsam Fir	
Bigtooth Aspen		45	Pole/Log/Sap	9	58	Red Maple	
Paper Birch		15	Pole/Sapling	6			
Red Maple		25	Pole/Sapling	6			
Sub-Canopy Species		Density	Avg. Height	Size			
Balsam Fir		Low	Variable	Sapling			
Red Maple		Low	5 - 10 feet	Sapling			
101	4199 - Other Mixed Upland Deciduous	Poletimber Medium	11.7	81	81-110	N/A	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Quaking Aspen		20	Log/Pole	12		Balsam Fir	
White Spruce		5	Pole/Sapling	5		Ironwood	
Balsam Fir		5	Pole/Sapling	6		Northern White Cedar	
Sugar Maple		30	Pole/Log/Sap	8	81		
Beech		10	Pole/Sap/Log	7			
Paper Birch		10	Pole/Log	8			
Green Ash		20	Pole/Sap/Log	6			
Sub-Canopy Species		Density	Avg. Height	Size			
Balsam Fir		Medium	Variable	Sapling			
Ironwood		Medium	Variable	Pole			
Northern White Cedar		Low	Variable	Sapling			
103	42390 - Mixed Non-Pine Upland Conifers	Poletimber Well	5.7	91	51-80	N/A	This stand was mostly a cedar pocket and lowland area marked out of the surrounding timber sale.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Balsam Fir		15	Sapling	3		Balsam Fir	
White Spruce		15	Sapling	3			
Quaking Aspen		20	Pole/Sapling	6			
Northern White Cedar		45	Pole/Sapling	5	91		
Paper Birch		5	Pole/Sapling	5			
Sub-Canopy Species		Density	Avg. Height	Size			
Balsam Fir		Low	Variable	Sapling			
104	6139 - Mixed Lowland Forest	Poletimber Well	4.0	66	51-80	N/A	This area was marked out of the harvest to the south and needs to be re-inventoried.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Balsam Fir		15	Sapling/Pole	4		White Spruce	
Quaking Aspen		15	Pole/Sapling	6		Balsam Fir	
Northern White Cedar		15	Pole/Sapling	5			
Paper Birch		30	Pole/Log	8	66		
White Spruce		25	Pole/Sapling	5			
Sub-Canopy Species		Density	Avg. Height	Size			
White Spruce		Low	Variable	Sapling			
Balsam Fir		Medium	< 5 feet	Sapling			



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																						
105	6124 - Lowland Spruce-Fir	Poletimber Medium	3.8	63	1-50	N/A	This lowland pocket was marked out of the surrounding stand that was harvested due to the saturated soils.																																						
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109	4123 - Red Oak	Sawtimber Medium	1.7	81	1-50	N/A	Standing snags and windthrown paper birch present in stand. This stand was not harvested with the parent stand to the west.																																						
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110	4199 - Other Mixed Upland Deciduous	Poletimber Medium	0.7	78	51-80	N/A	This stand is retention from the timber sale to the east. The stand data is from the parent stand.																																						
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111	6120 - Lowland Cedar	Poletimber Well	3.8	62	141-170	N/A	Very wet. Poor timber present in stand. This stand was split off from the parent stand, stand 92, when the stand to the north was harvested.																																						
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