



Compartment Review Presentation

Gladwin Forest Management Unit

Compartment 73031

Entry Year: 2026

Acreage: 4,246

County: Gladwin

Management Area: Gladwin Lake Plain

Stand Examiner: Colton Behrmann

Legal Description:

T20N R01E; Section 13-15, 22-27, 34 & 35

Identified Planning Goals:

The compartment is heavy to early successional species. Timber management for this 10-year planning period will focus on balancing the age-class distributions for aspen and red pine. Wildlife habitat management objectives include perpetuating early-successional communities for species adapted to young forests for hunting and other wildlife-related recreation opportunity. Expected trends in this 10-year planning period will be the continued need to address illegal off-road vehicle use, trash dumping and increased recreational pressure.

Soil and topography:

The soils are predominantly wet with 61% of them being somewhat poorly drained and 15% being poorly drained. In contrast 24% of the soils are well to excessively drained. Therefore, the soils are often very wet in the spring. However, they should dry out significantly during the summer and into the fall.

The terrain is generally flat with significant micro-relief except along the drainages and creeks that flow into the Tittabawassee River. These drainages are often bordered by steep banks along wet draws.

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

The state land is in one contiguous block with no inholdings.

The private lands are in small parcels along the Tittabawassee River to the east. These are mainly permanent or seasonal residences. On the west side of the compartment the private land holdings are in larger blocks and are used as permanent residences or recreational properties.

Unique Natural Features:

No Unique Natural Features known.

Archeological, Historical, and Cultural Features:

No Archeological, Historical, or Cultural Features known.

Special Management Designations or Considerations:

None

Watershed and Fisheries Considerations:

The Tittabawassee River makes up much of the eastern boundary of the compartment. This area is heavily fished and used for water recreation. In addition, many drainages and intermittent creeks flow through the compartment and into the Tittabawassee River. Any harvesting activity in this compartment needs to consider them when the timber sales are being set up.

Wildlife Habitat Considerations:

Wildlife Habitat Considerations: Compartment #31. Both upland and lowland systems are present, making it suitable for a number of wildlife species. The majority of stands are lowland cover types. Furbearers including beaver, mink, muskrat, black bear, bobcat, and coyote use the lowlands as corridors as well as year-round habitat. Game species likely to be present in this compartment include black bear, bobcat, raccoon, coyote, wood duck, wild turkey, ruffed grouse and white-tailed deer. Many bird species stand to benefit from the juxtaposition of lowland and upland habitats present in the compartment. These species include gray catbird, redbellied vireo, white-breasted nuthatch, tufted titmouse, black-capped chickadees, eastern kingbirds and northern flicker. The compartment is easily accessible to hunters via Cedar Lake Road, Mohawk Trail and Drummond Road.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of lacustrine (lake) sand and gravel. The glacial drift thickness varies between 100 and 200 feet. Beneath the glacial drift are the Pennsylvanian Grand River and Saginaw Formations. The Saginaw Formation is used for

clay/shale in other areas of the State. A gravel pit is located in Section 15, but potential appears limited. This compartment has had sparse exploration for oil and gas. The two well Secord Field, located two miles to the south, produced 12,000 BO from the Dundee between 1937 and 1941. There are currently no oil and gas leases in the compartment.

Vehicle Access:

Because of the drainages in the compartment, access is limited. Many of the trails were put in for logging activities and most were closed after the harvests were completed. Currently there are several trails that come off of Drummond Road that go to wildlife openings. There are also several trails that come off of Mohawk Trail. Most of the trails and two tracks go only a short way into the compartment before there is a gate or berm. These access points provide camping, parking, and hunting opportunities on the north, west, and south sides.

Survey Needs:

Multiple survey requests have been submitted this YOY for the compartment boundaries.

Recreational Facilities and Opportunities:

MCCT Trail runs along the northern boundary on County Roads. All recreational trail sign posts should be protected. The Midland to Mackinac Boy Scout Hiking Trail runs through the western third of the compartment. All recreational trail sign posts and blue marked trees along the trail should be protected. Part of headwaters to Middle Branch of Tittabawassee, Secord Lake and Indian Lake Creek provides water sport and hunting opportunities. Consider protecting the current road bed conditions and maintaining access for users.

Fire Protection:

There have been some problems in the past with wildfires. This is mainly because the compartment is accessible by boat from spring through fall; however access for fire equipment is limited. This combined with the forest cover types being mainly aspen and the presence of natural fuel breaks make the fire danger only moderate in this compartment.

Additional Compartment Information:

The compartment has a large complex of lowlands that beavers are using. This activity has influenced the aspen regeneration along the drainages. In addition, the beaver activity greatly affects the number of ponds present. These fluctuate frequently in number and in size. The management access road off of Drummond road (Eastern gate in Stand 12) needs road work to create a large, multi-phased road project in coordination with Wildlife division to access 200~ acres of land for future silvicultural activities. The area with no access is located at 20N 01E, Sec 23 E1/2SE, Sec 24 W1/2SW

The following reports from the Inventory are attached:

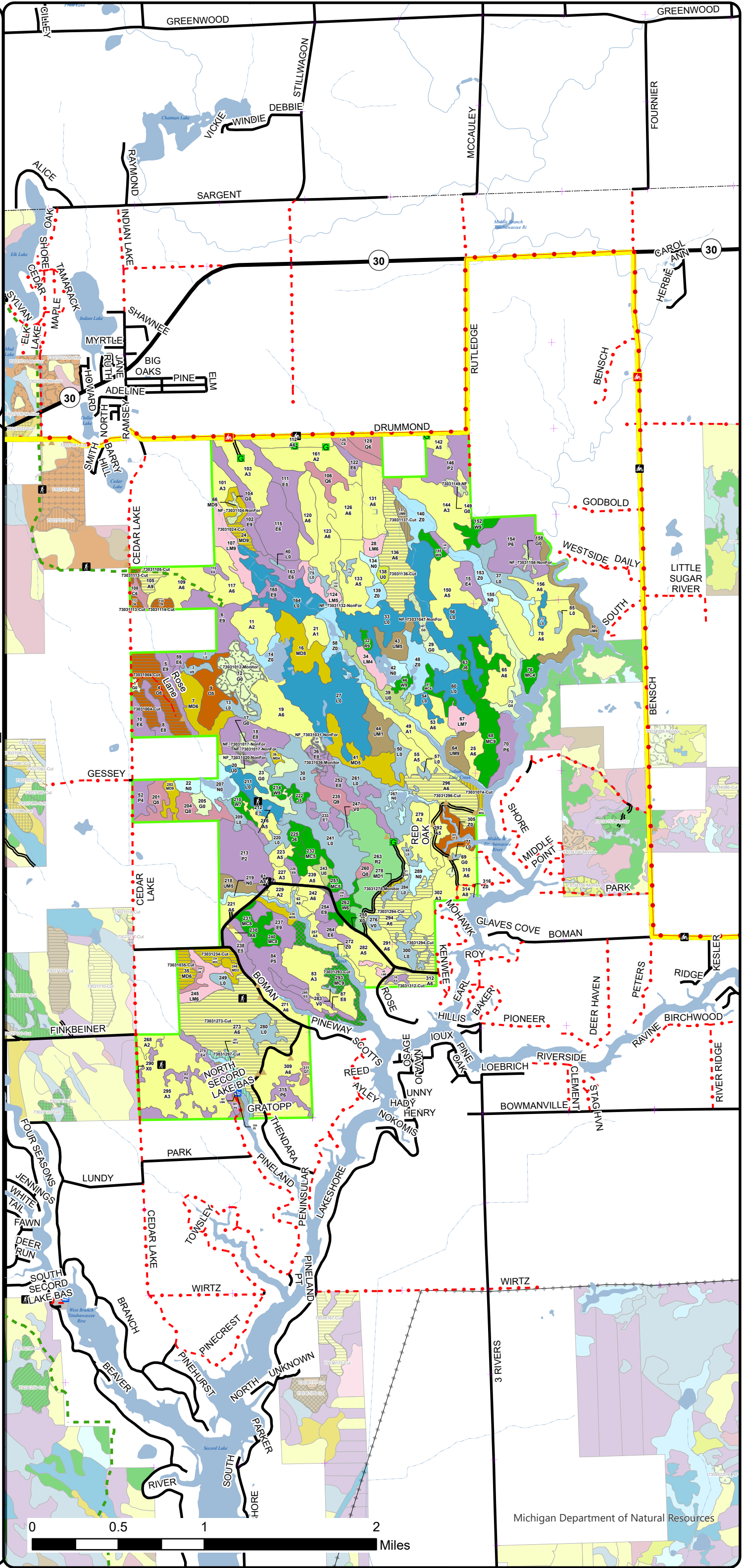
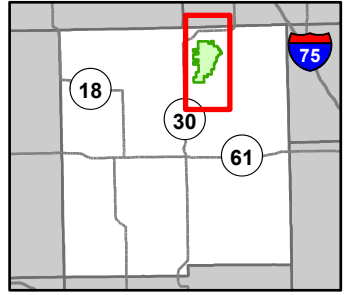
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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: 73031
 T20N, R1E, Sec: 13-15, 22-27, 34, 35
 County: Gladwin
 Unit: Gladwin
 Mgmt Area: Gladwin Lake Plain
 YOE: 2026
 Acres: 4245.9 GIS Calculated
 Examiner: Colton Behrmann
 Map Revised: 9/26/2024
 Map Phase: Post Review

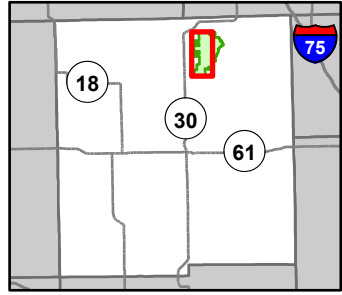


- Berms
- Gate
- Boating Access Site
- Culvert
- Remonumented Section Corners
- Hiking Trails
- Motorcycle Trails (SOS License)
- MCCCT Trails
- Designated Hiking Pathways
- Designated MCCCT Trails
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State Highway
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Intermittent Stream
- Island in Lake or River
- Lake/Pond
- Perennial River
- Pipeline
- Powerline
- Lakes and Rivers
- Compartment Boundary
- Selection (Group, Single Tree)
- Clearcut (w/Reserves)
- Regeneration Survey
- Shelter Wood (w/Reserves)
- Opening Maintenance
- Mowing
- 412 - Oak Types
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 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
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- 629 - Mixed Non-forested Wetland

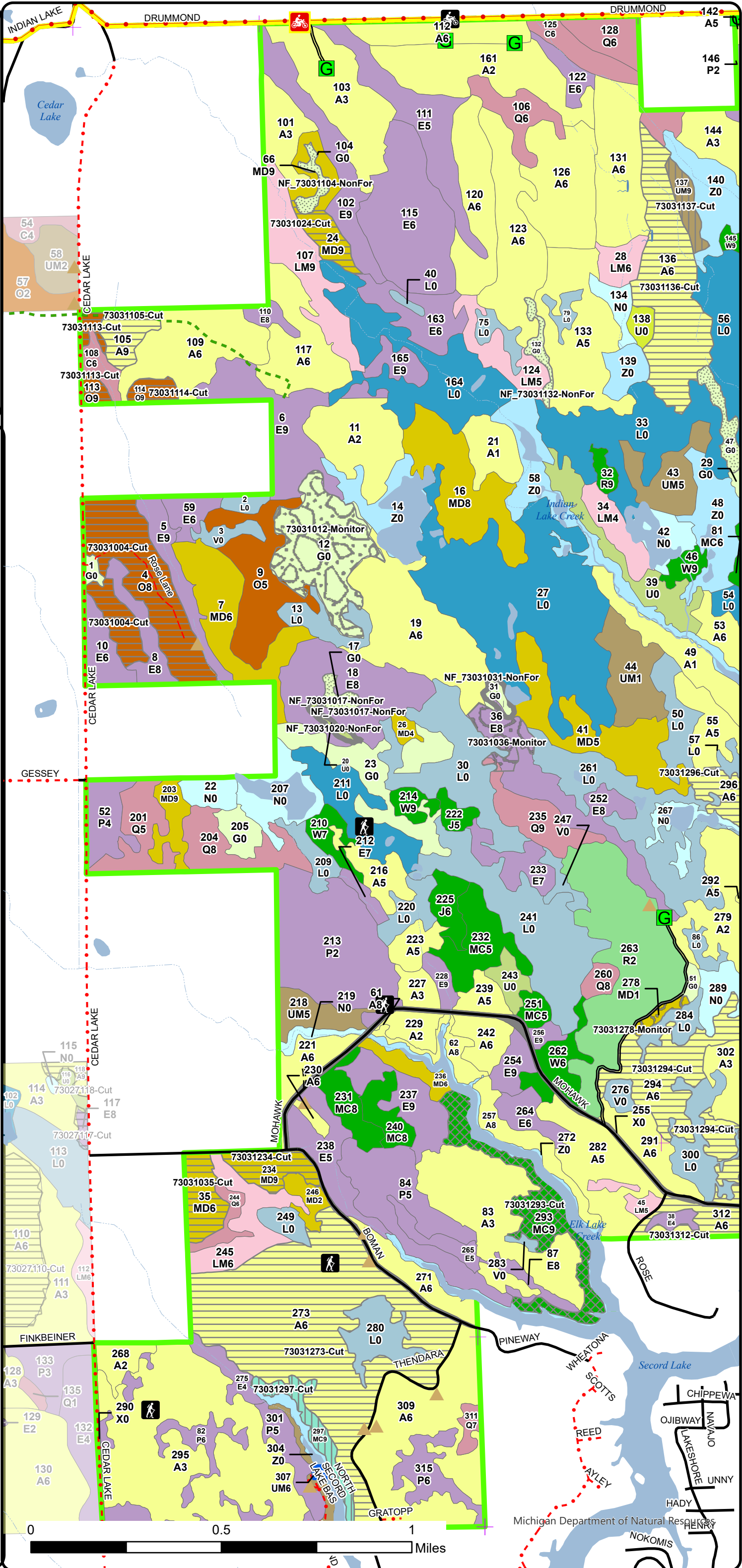


Cover Type & Treatments Map

Compartment: 73031
 T20N, R1E, Sec: 13-15, 22-27, 34, 35
 County: Gladwin
 Unit: Gladwin
 Mgmt Area: Gladwin Lake Plain
 YOY: 2026
 Acres: 4245.9 GIS Calculated
 Examiner: Colton Behrmann
 Map Revised: 9/26/2024 Map
 Phase: Post Review

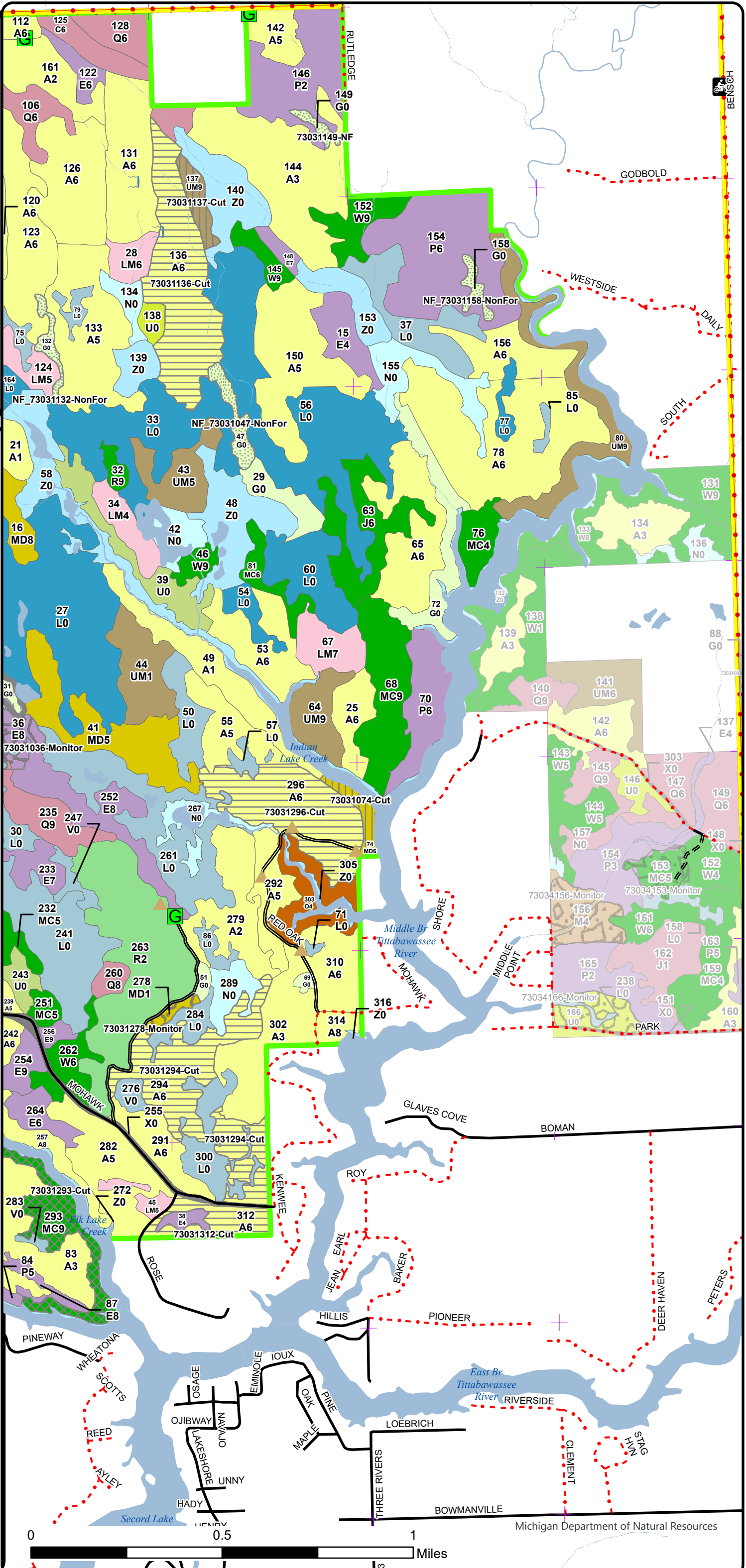
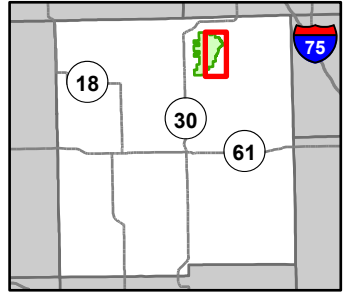


- Berms
- Gate
- Boating Access Site
- Culvert
- Remonumented Section Corners
- Hiking Trails
- Motorcycle Trails (SOS License)
- MCCCT Trails
- Designated Hiking Pathways
- Designated MCCCT Trails
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Intermittent Stream
- Island in Lake or River
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Compartment Boundary
- Selection (Group, Single Tree)
- Clearcut (w/Reserves)
- Regeneration Survey
- Shelter Wood (w/Reserves)
- Opening Maintenance
- Mowing
- 412 - Oak Types
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 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
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- 629 - Mixed Non-forested Wetland

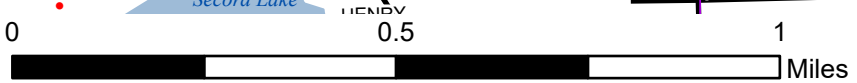


Cover Type & Treatments Map

Compartment: 73031
 T20N, R1E, Sec: 13-15, 22-27,
 34, 35
 County: Gladwin
 Unit: Gladwin
 Mgmt Area: Gladwin Lake Plain
 YOE: 2026
 Acres: 4245.9 GIS Calculated
 Examiner: Colton Behrmann
 Map Revised: 9/26/2024 Map
 Phase: Post Review

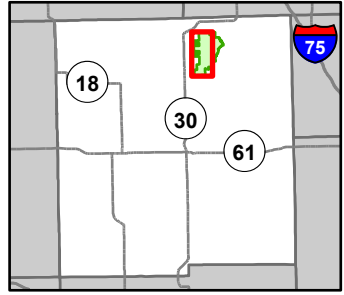


- Berms
- Gate
- Culvert
- Remonumented Section Corners
- Motorcycle Trails (SOS License)
- Designated MCCCT Trails
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- Intermittent Stream
- Island in Lake or River
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Compartment Boundary
- Selection (Group, Single Tree)
- Clearcut (w/Reserves)
- Regeneration Survey
- Shelter Wood (w/Reserves)
- Opening Maintenance
- Mowing
- 412 - Oak Types
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 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
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- 629 - Mixed Non-forested Wetland

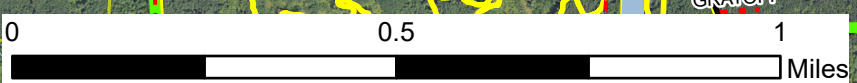
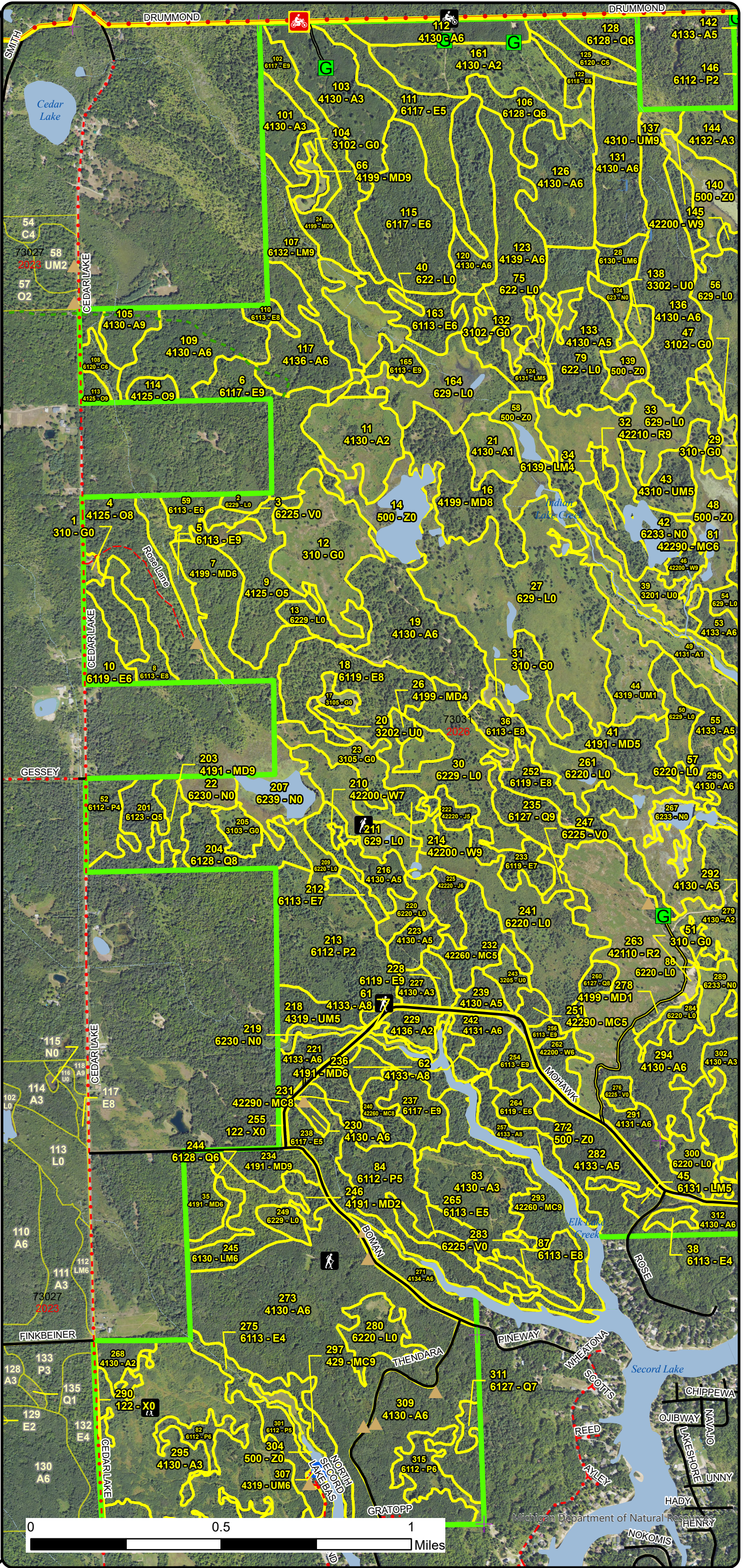


Stand Boundary Map

Compartment: 73031
 T20N, R1E, Sec: 13-15, 22-27, 34, 35
 County: Gladwin
 Unit: Gladwin
 Mgmt Area: Gladwin Lake Plain
 YOE: 2026
 Acres: 4245.9 GIS Calculated
 Examiner: Colton Behrmann
 Map Revised: 9/26/2024
 Map Phase: Post Review

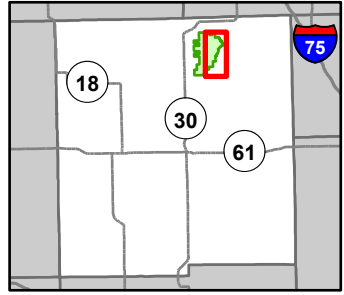


- Berms
- Gate
- Boating Access Site
- Culvert
- Remonumented Section Corners
- Hiking Trails
- Motorcycle Trails (SOS License)
- MCCCT Trails
- Designated Hiking Pathways
- Designated MCCCT Trails
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Intermittent Stream
- Island in Lake or River
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Compartment Boundary
- Stand Boundaries
- 412 - Oak Types
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 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
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- 629 - Mixed Non-forested Wetland

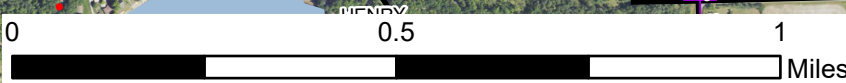
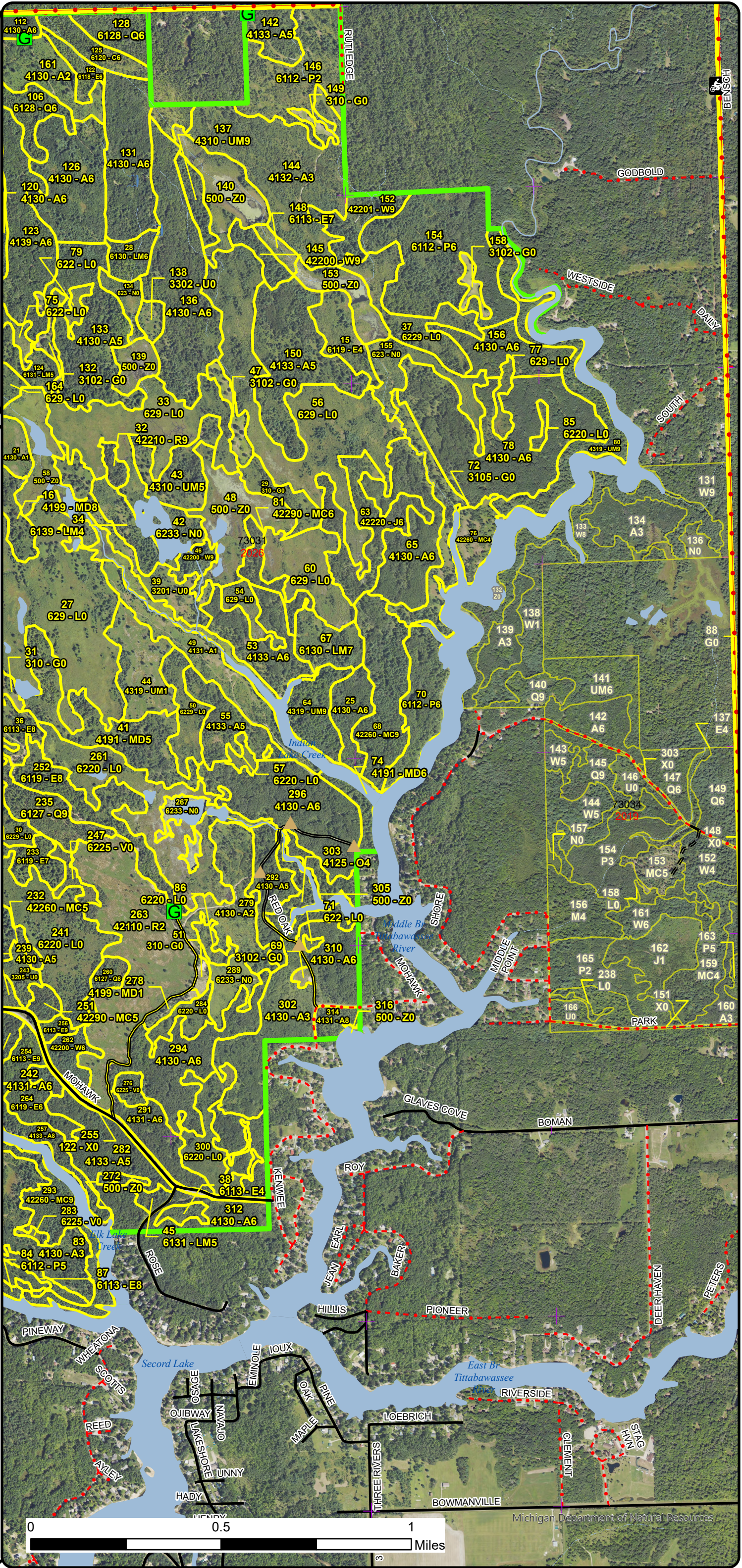


Stand Boundary Map

Compartment: 73031
 T20N, R1E, Sec: 13-15, 22-27, 34, 35
 County: Gladwin
 Unit: Gladwin
 Mgmt Area: Gladwin Lake Plain
 YOE: 2026
 Acres: 4245.9 GIS Calculated
 Examiner: Colton Behrmann
 Map Revised: 9/26/2024
 Map Phase: Post Review

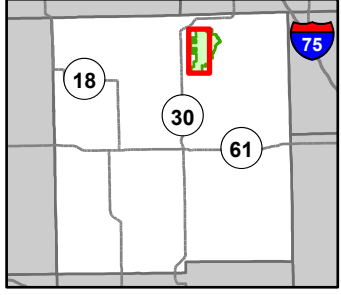


- Berms
- Gate
- Culvert
- Remonumented Section Corners
- Motorcycle Trails (SOS License)
- Designated MCCCT Trails
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- Intermittent Stream
- Island in Lake or River
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Compartment Boundary
- Stand Boundaries
- 412 - Oak Types
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 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
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- 629 - Mixed Non-forested Wetland

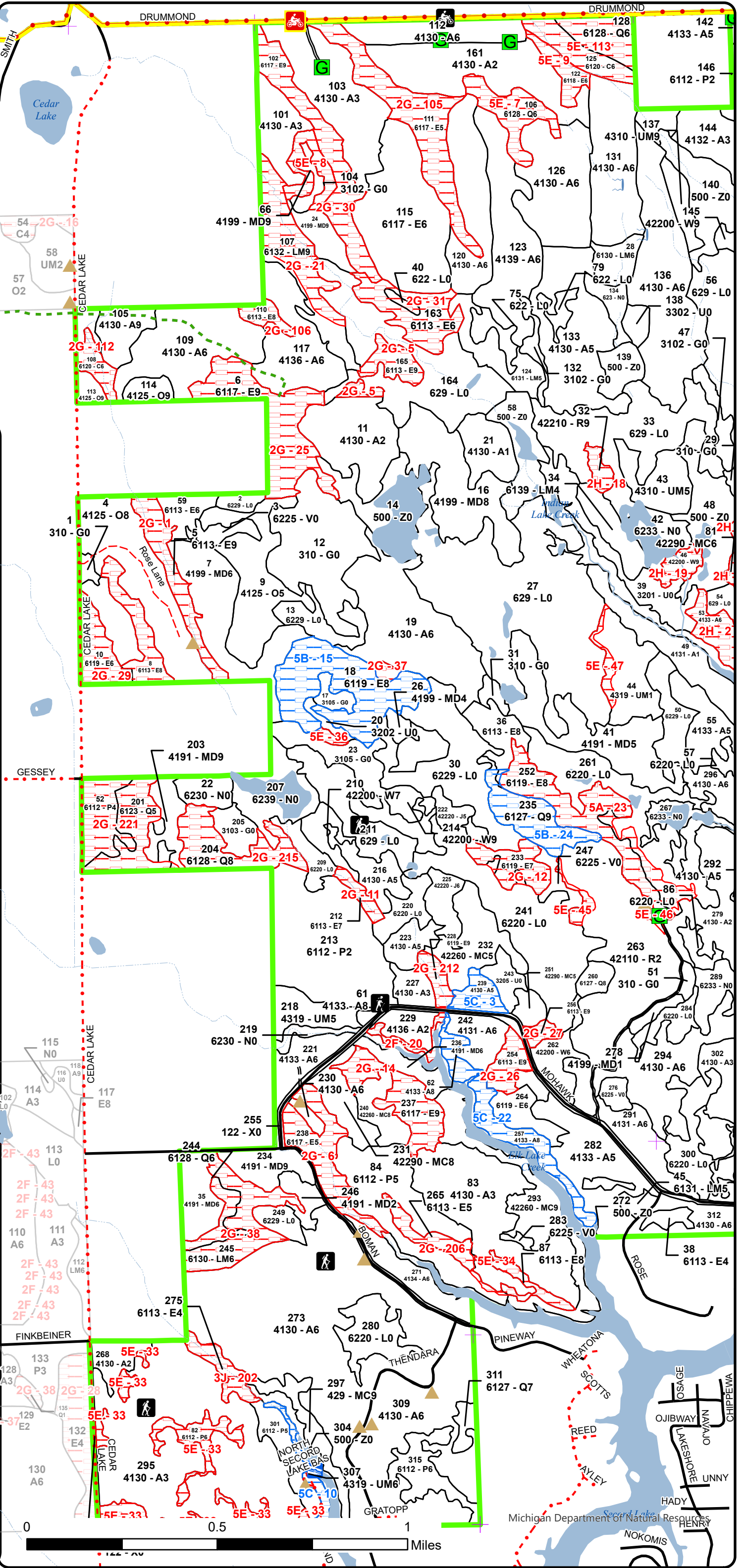


Special Conservation Areas & Site Conditions Map

Compartment: 73031
 T20N, R1E, Sec: 13-15, 22-27, 34, 35
 County: Gladwin
 Unit: Gladwin
 Mgmt Area: Gladwin Lake Plain
 YOE: 2026
 Acres: 4245.9 GIS Calculated
 Examiner: Colton Behrmann
 Map Revised: 9/26/2024
 Map Phase: Post Review

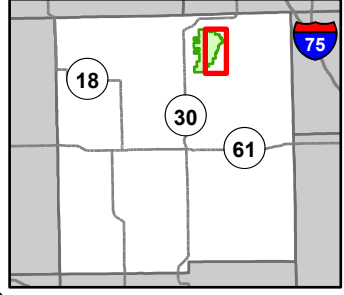


- ▲ Berms
 - Gate
 - Boating Access Site
 - Culvert
 - + Remonumented Section Corners
 - Hiking Trails
 - Motorcycle Trails (SOS License)
 - MCCCT Trails
 - Designated Hiking Pathways
 - Designated MCCCT Trails
 - DNR - Secondary Forest Road
 - DNR - Forest Access Route
 - Federal / State / County - Paved Road
 - County - Gravel Road
 - County - Dirt Road (Seasonal)
 - Intermittent Stream
 - Island in Lake or River
 - Lake/Pond
 - Perennial River
 - Lakes and Rivers
 - Compartment Boundary
 - Available w/ Constraints
 - Unavailable
- 5B: Maintain for regeneration purposes
 5C: Delay treatment for age/size class diversity or exceptional site quality
 2F: Too steep
 2G: Too wet (sensitive soils, does not include access issues)
 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
 3J: Water quality / BMPs (stream, river, or lake)
 5A: Not able to obtain desirable regeneration
 5E: Long-Term Retention
- Stand Boundaries

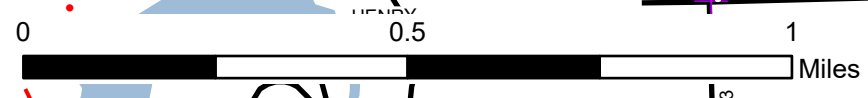
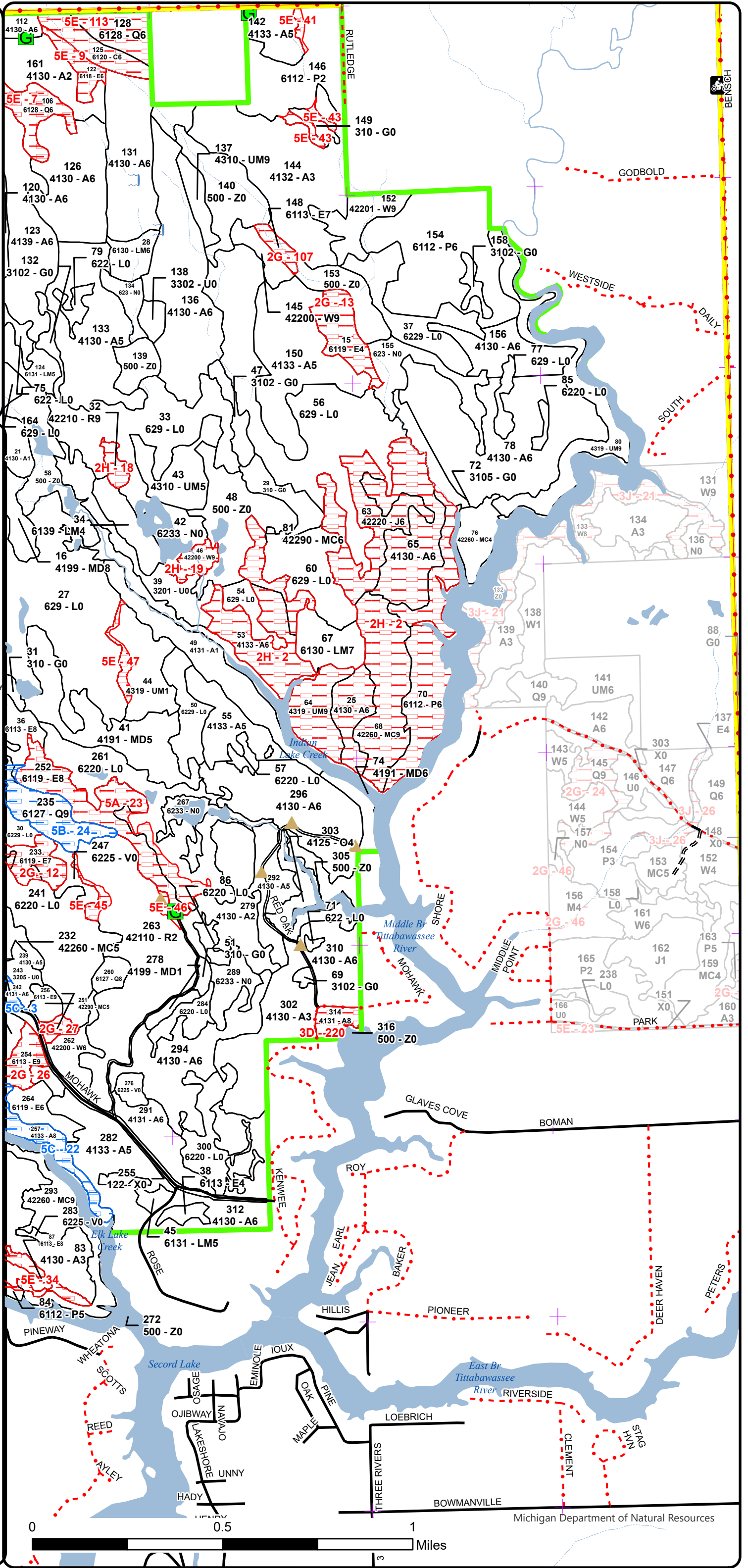


Special Conservation Areas & Site Conditions Map

Compartment: 73031
 T20N, R1E, Sec: 13-15, 22-27,
 34, 35
 County: Gladwin
 Unit: Gladwin
 Mgmt Area: Gladwin Lake Plain
 YOE: 2026
 Acres: 4245.9 GIS Calculated
 Examiner: Colton Behrmann
 Map Revised: 9/26/2024
 Map Phase: Post Review



- ▲ Berms
 - Gate
 - Culvert
 - + Remonumented Section Corners
 - Motorcycle Trails (SOS License)
 - Designated MCCCT Trails
 - DNR - Secondary Forest Road
 - DNR - Forest Access Route
 - Federal / State / County - Paved Road
 - County - Gravel Road
 - Intermittent Stream
 - Island in Lake or River
 - Lake/Pond
 - Perennial River
 - Lakes and Rivers
 - Compartment Boundary
 - Available w/ Constraints
 - Unavailable
- 5B: Maintain for regeneration purposes
 5C: Delay treatment for age/size class diversity or exceptional site quality
 2G: Too wet (sensitive soils, does not include access issues)
 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
 3D: Recreational / Scenic values
 5A: Not able to obtain desirable regeneration
 5E: Long-Term Retention
- Stand Boundaries



Report 1 – Total Acres by Cover Type and Age Class

Gladwin Mgt. Unit

Compartment 31

Year of Entry 2026

Colton Behrmann: Examiner



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+	Unseen-Aged	Total
Aspen	0	0	402	190	629	229	57	11	5	21	0	0	0	0	0	0	0	0	1543
Bog	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14
Cedar	0	0	0	0	0	0	0	0	0	0	0	0	6	0	16	0	0	0	22
Herbaceous Openland	139	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	139
Jack Pine	0	0	0	0	0	35	4	0	0	0	0	0	0	0	0	0	0	0	39
Low-Density Trees	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Lowland Aspen/Balsam Poplar	0	36	58	0	119	45	0	0	0	0	14	0	0	0	0	0	0	0	272
Lowland Conifers	0	0	0	0	0	23	4	0	6	12	34	0	0	0	0	0	0	14	93
Lowland Deciduous	0	0	0	0	62	16	12	0	12	161	120	0	0	0	0	0	0	28	411
Lowland Mixed Forest	0	0	0	0	13	13	11	0	20	0	28	0	0	0	0	0	0	14	99
Lowland Shrub	606	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	606
Marsh	83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	83
Mixed Upland Deciduous	0	0	9	3	7	89	0	0	73	0	0	0	0	0	0	0	0	0	181
Natural Mixed Pines	0	0	0	0	20	20	41	4	0	10	0	0	0	0	0	0	0	33	128
Oak	0	0	0	0	19	0	0	33	5	7	51	0	0	0	0	0	0	0	111
Red Pine	0	70	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	74
Upland Conifers	0	0	0	0	0	0	0	0	0	11	0	0	0	0	0	0	0	0	11
Upland Mixed Forest	0	21	0	0	34	0	0	0	28	7	0	0	0	0	0	0	0	16	106
Upland Shrub	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28
Urban	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22
Water	210	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	210
White Pine	0	0	0	0	7	0	18	0	0	20	5	0	0	0	0	0	0	0	49
Total	1107	127	469	193	910	470	147	48	149	249	256	0	6	0	16	0	0	105	4245



Report 2 – Treatment Summary

Gladwin Mgt. Unit

Year of Entry: 2026

Acres of Harvest

Compartment 31

Total Compartment Acres: 4,246

Commercial Harvest - 456
 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	Overshoot Removal	Salvage	Other	Total Acres
Aspen	309	0	0	0	0	0	0	0	0	309
Mixed Upland Deciduous	33	0	0	0	6	0	0	0	0	39
Natural Mixed Pines	0	29	0	0	0	0	0	0	0	29
Oak	62	0	0	0	0	0	0	0	0	62
Upland Conifers	0	0	0	0	11	0	0	0	0	11
Upland Mixed Forest	0	0	0	0	7	0	0	0	0	7
Total	404	29	0	0	24	0	0	0	0	456

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	456	0	0	0	0	0	54	0	29	539
Next Step	0	51	101	0	0	101	507	0	0	759
Total	456	51	101	0	0	101	561	0	29	1298



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:

4	73031004-Cut	50.5	4125 - Black, N. Pin Oak	Sawtimber Medium	94	51-80	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	No
<p><u>Prescription</u> Cut all trees 2 inches and greater in diameter. Follow standard island retention. Focus retention around dense oak regeneration pockets.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> SitePrep, Trenching; Pesticide, Skidder - Site Prep; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Monitoring, Artificial</p> <p><u>Treatments:</u> Regen(3yr); Planting, Replant; Pesticide, Skidder - Release</p> <p><u>Acceptable</u> A fully stocked planted red pine plantation</p> <p><u>Regen:</u></p> <p><u>Other</u> Discussion with County Road Commission to abandon county road. Trench through county road if the road is abandoned by the time stand is</p> <p><u>Comment:</u> ready for trenching treatment. Add stump spec. Add chipping spec.</p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>											
12	73031012-Monitor	40.7	310 - Herbaceous Openland	Nonstocked	0		Monitoring	Natural Regen (Intermediate)	4199 - Other Mixed Upland Deciduous	Even-Aged	No
<p><u>Prescription</u> Natural regeneration check.</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Acceptable regeneration includes Oak, red maple and aspen meeting minimum stocking standards.</p> <p><u>Regen:</u></p> <p><u>Other</u> Stand did not pass natural regeneration check during inventory March 2024. Heavy deer browse on all hardwood species. Extend natural</p> <p><u>Comment:</u> regeneration check.</p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2028</p>											
24	73031024-Cut	8.2	4199 - Other Mixed Upland Deciduous	Sawtimber Well	79	111-140	Harvest	Clearcut	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Cut all trees 2 inches and greater in diameter. No retention due to stand size.</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> A naturally regenerated stand of aspen with mixed hardwood and conifer meeting minimum stocking standards.</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 /2025</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
----------------	-------	-----------------	--------------	-----------	----------	----------------	------------------	----------------------	---------------	-------------

35	73031035-Cut	12.8	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	75	111-140	Harvest	Clearcut	413 - Aspen	Even-Aged	No
-----------	---------------------	------	--	-----------------	----	---------	---------	----------	-------------	-----------	----

Prescription Cut all trees 2 inches and greater in diameter. No retention to maximize aspen regeneration. Add grouse spec. Add dry/frozen spec.
Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable A naturally regenerated stand of aspen with mixed hardwood and conifer meeting minimum stocking standards.

Regen:

Other

Comment:

Site Condition:

Proposed Start Date: 10/1 /2025

36	73031036-Monitor	9.9	6113 - Lowland Maple	Sawtimber Medium	94	1-50	Monitoring	Natural Regen (Intermediate)	6119 - Mixed Lowland Deciduous Forest	Uneven-Aged	No
-----------	-------------------------	-----	----------------------	------------------	----	------	------------	------------------------------	---------------------------------------	-------------	----

Prescription Natural regeneration check

Specs:

Next Step

Treatments:

Acceptable The stand is expected to regenerate to mixed lowland hardwoods.

Regen:

Other Percent to Treat = 100%

Comment:

Site Condition:

Proposed Start Date: 10/1 /2028

74	73031074-Cut	6.2	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	41	81-110	Harvest	Shelterwood	4319 - Mixed Upland Forest	Two-Aged	No
-----------	---------------------	-----	--	-----------------	----	--------	---------	-------------	----------------------------	----------	----

Prescription Mark to leave 40-50 BA/Acre of white pine.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable A naturally regenerated stand of mixed hardwoods and conifers meeting minimum stocking standards.

Regen:

Other

Comment:

Site Condition:

Proposed Start Date: 10/1 /2025



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
105 73031105-Cut	10.8	4130 - Aspen	Sawtimber Well	62	111-140	Harvest	Clearcut	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Cut all trees 2 inches and greater in diameter. No retention due to small stand size and potential need to paint out lowland pockets. Push treatment boundary south and west into Stand 108.</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> A naturally regenerated stand of aspen with mixed hardwood meeting minimum stocking standards.</p> <p><u>Other Comment:</u> Add Gladwin Unit grouse spec.</p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>										
113 73031113-Cut	6.5	4125 - Black, N. Pin Oak	Sawtimber Well	86	111-140	Harvest	Clearcut	4199 - Other Mixed Upland Deciduous	Even-Aged	No
<p><u>Prescription</u> Cut all trees 2 inches and greater in diameter. No retention due to stand size. Add oak wilt spec.</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> A naturally regenerated stand of oak, maple and aspen meeting minimum stocking standards.</p> <p><u>Other Comment:</u> Cover type objective as Mixed Upland Deciduous. Will be difficult to reach 60% oak to classify as an oak coverype.</p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>										
114 73031114-Cut	4.9	4125 - Black, N. Pin Oak	Sawtimber Well	71	81-110	Harvest	Clearcut	4199 - Other Mixed Upland Deciduous	Even-Aged	No
<p><u>Prescription</u> Cut all trees 2 inches and greater in diameter. No retention due to stand size. Add oak wilt spec.</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> A naturally regenerated stand of oak, aspen and maple meeting minimum stocking standards.</p> <p><u>Other Comment:</u> Cover type objective as Mixed Upland Deciduous. Will be difficult to reach 60% oak to classify as an oak coverype.</p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>										
136 73031136-Cut	53.6	4130 - Aspen	Poletimber Well	41	81-110	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Cut all trees 2 inches and greater in diameter. Follow standard island retention. Focus retention around low wet ground. Add grouse spec.</p> <p><u>Specs:</u> Add dry/frozen spec</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> A naturally regenerated stand of aspen with mixed deciduous and white pine meeting minimum stocking standards.</p> <p><u>Other Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</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
137 73031137-Cut	6.84310	Pine, Oak Mix	Sawtimber Well	89	81-110	Harvest	Shelterwood	4220 - Natural White Pine	Two-Aged	No
<p><u>Prescription</u> Mark to leave 40-50 BA/Acre of white pine. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> A naturally regenerated stand of white pine with mixed hardwoods meeting minimum stocking standards. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/1 /2025</p>										
149 73031149-NF	2.4	310 - Herbaceous Openland	Nonstocked			NonForestMgt	Mowing	310 - Herbaceous Openland		No
<p><u>Prescription</u> Manage with mowing, cultivating, planting and chemical treatment to maintain the wildlife opening. <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 /2025</p>										
234 73031234-Cut	11.7	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	75	111-140	Harvest	Clearcut	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Cut all trees 2 inches and greater in diameter. No retention to maximize aspen regeneration. Add grouse spec. Add dry/frozen spec. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> A naturally regenerated stand of aspen with mixed hardwood and conifer meeting minimum stocking standards. <u>Regen:</u> <u>Other</u> Eastern boundary of stand is low & wet. May need to be painted out. <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/1 /2025</p>										
273 73031273-Cut	136.8	4130 - Aspen	Poletimber Well	37	111-140	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Cut all trees 2 inches and greater in diameter. Follow standard island retention. Focus retention around low ground. Add grouse spec. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> A naturally regenerated stand of aspen, red maple, oak and mixed conifers meeting minimum stocking standards. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/1 /2025</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
278 73031278-Monitor	3.0	4199 - Other Mixed Upland Deciduous	Sapling Poor	12	1-50	Monitoring	Natural Regen (Intermediate)	4125 - Black, N. Pin Oak	Even-Aged	No
<p><u>Prescription</u> Natural regeneration check. Extended natural regeneration check. Hardwood has not reached 6' in height.</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Oak and mixed hardwoods with some conifer will be acceptable.</p> <p><u>Regen:</u></p> <p><u>Other</u> Percent to Treat = 100%</p> <p><u>Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2028</p>										
293 73031293-Cut	28.6	42260 - Natural Pine, Mixed Deciduous	Sawtimber Well	56	111-140	Harvest	Single Tree Selection	4220 - Natural White Pine	Two-Aged	No
<p><u>Prescription</u> Thin down to 80 basal area/acre. Focus on removing poor form white pine and hardwood species. Focus on retaining large pole / small saw log white pine.</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> A naturally regenerated stand of white pine and oak meeting minimum stocking standards.</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 /2025</p>										
294 73031294-Cut	50.1	4130 - Aspen	Poletimber Well	50	81-110	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Cut all trees 2 inches and greater in diameter. Follow standard island retention. Focus retention around wet pockets. Add grouse spec. Add dry/frozen spec.</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> A naturally regenerated stand of aspen meeting minimum stocking standards.</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 /2025</p>										
296 73031296-Cut	44.4	4130 - Aspen	Poletimber Well	41	81-110	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Cut all trees 2 inches and greater in diameter. Follow standard island retention. Focus retention around low ground. Add grouse spec.</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> A naturally regenerated stand of aspen and mixed hardwood meeting minimum stocking standards.</p> <p><u>Regen:</u></p> <p><u>Other</u> Address bypassed berms when timber sale is cut & closed.</p> <p><u>Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</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
----------------	-------	-----------------	--------------	-----------	----------	----------------	------------------	----------------------	---------------	-------------

297 73031297-Cut	11.2	429 - Mixed Upland Conifers	Sawtimber Well	88	81-110	Harvest	Shelterwood	4319 - Mixed Upland Forest	Two-Aged	No
-------------------------	------	-----------------------------	----------------	----	--------	---------	-------------	----------------------------	----------	----

Prescription Mark to leave 40-50 BA/Acre of white pine.
Specs:

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

Acceptable A naturally regenerated stand of mixed hardwood and conifers meeting minimum stocking standards.
Regen:

Other
Comment:

Site Condition:

Proposed Start Date: 10/1 /2025

312 73031312-Cut	13.3	4130 - Aspen	Poetimber Well	49	81-110	Harvest	Clearcut	413 - Aspen	Even-Aged	No
-------------------------	------	--------------	----------------	----	--------	---------	----------	-------------	-----------	----

Prescription Cut all trees 2 inches and greater in diameter. No retention to maximize aspen regeneration. Acreage could be less due to low/wet ground.
Specs:

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

Acceptable A naturally regenerated stand of aspen meeting minimum stocking standards.
Regen:

Other
Comment:

Site Condition:

Proposed Start Date: 10/1 /2025

17 NF_73031017-NonFor	3.8	3105 - Mixed Upland Herbaceous	Nonstocked			NonForestMgt	Mowing	3102 - Grass		No
------------------------------	-----	--------------------------------	------------	--	--	--------------	--------	--------------	--	----

Prescription Manage with mowing, cultivating, planting and chemical treatment to maintain the wildlife opening.
Specs:

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Site Condition:

Proposed Start Date: 10/1 /2015

20 NF_73031020-NonFor	2.2	3202 - Autumn Olive/Honeysuckle	Nonstocked			NonForestMgt	Brush Cutting	3102 - Grass		No
------------------------------	-----	---------------------------------	------------	--	--	--------------	---------------	--------------	--	----

Prescription The site is to be treated by brush cutting, mowing, manual removal and/or chemical treat as need to eliminate autumn olive and convert stand to a wildlife opening.
Specs:

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Site Condition:

Proposed Start Date: 10/1 /2015



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
----------------	-------	-----------------	--------------	-----------	----------	----------------	------------------	----------------------	---------------	-------------

31	NF_73031031- NonFor	2.8	310 - Herbaceous Openland	Nonstocked		Unspec ified	NonForestMgt	Brush Cutting	3102 - Grass	No
----	------------------------	-----	------------------------------	------------	--	-----------------	--------------	---------------	--------------	----

Prescription The site is to be treated by brush cutting, mowing, manual removal and/or chemical treat as need to eliminate autumn olive and converte
Specs: stand to a wildlife opening.

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Site Condition:

Proposed Start Date: 10/1 /2015

47	NF_73031047- NonFor	6.5	3102 - Grass	Nonstocked			NonForestMgt	Mowing	310 - Herbaceous Openland	No
----	------------------------	-----	--------------	------------	--	--	--------------	--------	---------------------------------	----

Prescription Manage with mowing, cultivating, planting and chemical treatment to maintain the wildlife opening.
Specs:

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Site Condition:

Proposed Start Date: 12/30/1899

104	NF_73031104- NonFor	3.7	3102 - Grass	Nonstocked			NonForestMgt	Mowing	310 - Herbaceous Openland	No
-----	------------------------	-----	--------------	------------	--	--	--------------	--------	---------------------------------	----

Prescription Manage with mowing, cultivating, planting and chemical treatment to maintain the wildlife opening.
Specs:

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Site Condition:

Proposed Start Date: 12/30/1899



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
132 NF_73031132-NonFor	4.1	3102 - Grass	Nonstocked			NonForestMgt	Mowing	310 - Herbaceous Openland		No
<p><u>Prescription</u> Manage with mowing, cultivating, planting and chemical treatment to maintain the wildlife opening. <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> 12/30/1899</p>										
158 NF_73031158-NonFor	3.4	3102 - Grass	Nonstocked			NonForestMgt	Mowing	310 - Herbaceous Openland		No
<p><u>Prescription</u> Manage with mowing, cultivating, planting and chemical treatment to maintain the wildlife opening. <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> 12/30/1899</p>										

Total Treatment Acreage Proposed: 538.9

Report 4 – Site Conditions

Gladwin Mgt. Unit

Compartment: 31

Colton Behrmann: Examiner

Year of Entry: 2026

Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	Dominant Site Conditions									
		With Condition	Not Available		5B	5C	2F	2G	2H	3D	3J	5A	5E	
1546	1444	25	77	Aspen		25	3	0	69	5	0			0
14	14	0	0	Bog										
21	5	0	17	Cedar				6						11
140	128	0	12	Herbaceous Openland				0	12					
39	13	0	27	Jack Pine					27					
4	4	0	0	Low-Density Trees										
263	208	0	54	Lowland Aspen/Balsam Poplar		0		14	13					27
92	10	16	66	Lowland Conifers	16			41						25
409	80	38	291	Lowland Deciduous	38			246			7	25		13
99	58	0	41	Lowland Mixed Forest				41						
606	597	0	9	Lowland Shrub				2				7		
83	83	0	0	Marsh										
180	172	0	8	Mixed Upland Deciduous				0						8
97	84	0	12	Natural Mixed Pines				0	12					
113	113	0	0	Oak				0						
73	66	0	7	Red Pine					4					4
11	11	0	0	Upland Conifers										
107	83	5	19	Upland Mixed Forest		5			16					3
28	28	0	0	Upland Shrub										
22	22	0	0	Urban				0						
210	210	0	0	Water		0		0		0	0			
50	45	0	5	White Pine				0	5					
4,207	3,477	84	645	Total Forested Acres	54	30	3	350	157	5	7	32		92
	83%	2%	15%	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)	14	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Gladwin Mgt. Unit

Compartment: 31

Colton Behrmann: Examiner

Year of Entry: 2026

2	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	188	2E: Road needed	Unspecified	Unspecified	Unspecified
Comments:							
3	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Delay treatment until adjacent mixed conifer stands have reached silvicultural criteria.							
5	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	19	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Unavailable	5E: Long-Term Retention	14	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Long term retention from adjacent aspen stand. "Drummond Road Aspen"							
8	Unavailable	5E: Long-Term Retention	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Long term retention from adjacent aspen stand.							

Report 4 – Site Conditions

Gladwin Mgt. Unit

Colton Behrmann: Examiner

Compartment: 31

Year of Entry: 2026

9	Unavailable	5E: Long-Term Retention	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Long term retention from adjacent aspen stand. "Drummond Road Aspen"							
10	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Hold stand until adjacent aspen stand meets silvicultural criteria.							
11	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
12	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
13	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	13	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
14	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	19	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Gladwin Mgt. Unit

Colton Behrmann: Examiner

Compartment: 31

Year of Entry: 2026

15	Available	5B: Maintain for regeneration purposes	38	Unspecified	Unspecified	Unspecified	Unspecified
Comments: The pole size class is beginning to recruit. Hold stand until pole class has reached canopy.							
18	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
19	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
20	Unavailable	2F: Too steep	3	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments:							
21	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	20	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments:							
22	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	18	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Hold stand until adjacent stands are ready for harvest.							

Report 4 – Site Conditions

Gladwin Mgt. Unit

Compartment: 31

Colton Behrmann: Examiner

Year of Entry: 2026

23	Unavailable	5A: Not able to obtain desirable regeneration	32	5B: Maintain for regeneration purposes	Unspecified	Unspecified	Unspecified
Comments: unable to recruit any regeneration at this time. Hold stand.							
24	Available	5B: Maintain for regeneration purposes	16	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Cut in 2018, hold stand for 1 more cycle and determine if stand needs to be thinned again. No desirable regeneration has begun to recruit in FY '24							
25	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	31	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
26	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
27	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
29	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	23	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Gladwin Mgt. Unit

Colton Behrmann: Examiner

Compartment: 31

Year of Entry: 2026

30	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	26	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
31	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	19	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
33	Unavailable	5E: Long-Term Retention	23	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
34	Unavailable	5E: Long-Term Retention	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Left after the harvest of Cove View Aspen as long term retention.							
36	Unavailable	5E: Long-Term Retention	1	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							
37	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	2	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Gladwin Mgt. Unit

Colton Behrmann: Examiner

Compartment: 31

Year of Entry: 2026

38	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	26	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
41	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Retention left to help protect the integrity of the traditional campground and parking area.							
43	Unavailable	5E: Long-Term Retention	3	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments: Retention left to protect the integrity of the managed opening. Much of the retention is very wet.							
45	Unavailable	5E: Long-Term Retention	3	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							
46	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
47	Unavailable	5E: Long-Term Retention	3	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Gladwin Mgt. Unit

Compartment: 31

Colton Behrmann: Examiner

Year of Entry: 2026

105	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	31	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
106	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
107	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
112	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
113	Unavailable	5E: Long-Term Retention	23	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Long term retention from adjacent aspen stand. "Drummond Road Aspen"							
202	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Gladwin Mgt. Unit

Compartment: 31

Colton Behrmann: Examiner

Year of Entry: 2026

206	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
212	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	5	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments:							
215	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	19	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
220	Unavailable	3D: Recreational / Scenic values	5	2F: Too steep	Unspecified	Unspecified	Unspecified
Comments:							
221	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	30	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
----------	--------------	-------------	----------------	-------

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.

Conservation Area	Type	Description	ERA = Ecological Reference Area HCVA = High Conservation Value Area SCA = Special Conservation Area
<hr/>			
<hr/>			



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
1	310 - Herbaceous Openland	Nonstocked	2.1			No	This is an open grass type. It is often used for parking or dispersed camping.
2	6229 - Mixed lowland shrub	Nonstocked	3.3			No	The stand is in a depression that is quite wet and heavy to tag alder and willow.
3	6225 - Bog	Nonstocked	4.7			No	The stand is a heavy to leather leaf. There are some scattered white pines

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
4	4125 - Black, N. Pin Oak	Sawtimber Medium	50.5	94	51-80	N/A	The stand was harvested in 2010 as a seed tree harvest. Areas of stand look like they were never harvested. Maple, aspen and oak is regenerating best in areas of low canopy cover and areas where it was cut. There is heavy deer browse on the maple and oak.

Canopy Species	% Cover	Size Class	DBH	Age
Black/Red (Hybrid) Oak	60	Log	14	94
White Pine	10	Log/Pole	12	
Red Pine	5	Log/Pole	13	
Red Maple	20	Log/Pole	12	
White Oak	5	Log/Pole	13	

Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen	Low	10 - 20 feet	Sapling
White Oak	Low	10 - 20 feet	Sapling
Red Maple	Low	>20 feet	Sapling
Black/Red (Hybrid) Oak	Low	>20 feet	Sapling

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
5	6113 - Lowland Maple	Sawtimber Well	14.0	85	51-80	N/A	Lowland drainage that has transitioned to red maple.

Canopy Species	% Cover	Size Class	DBH	Age
Northern White Cedar	5	Pole	7	
White Pine	5	Log	13	
Black/Red (Hybrid) Oak	5	Log	16	
Red Maple	80	Log/Pole	12	85
Swamp White Oak	5	Log/Pole	10	

Sub-Canopy Species	Density	Avg. Height	Size
Musclewood/Hornbeam	Low	10 - 20 feet	Sapling
Tag Alder	Medium	10 - 20 feet	Tall Shrub
Red Maple	Medium	Variable	Sapling

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
6	6117 - Lowland Deciduous, Mixed Coniferous	Sawtimber Well	31.2	97	81-110	N/A	The stand is a matrix of uplands and lowlands with the lowlands being the majority. The terrain is undulating. It is made up of a series of knob, swales and ridges. The elevation difference in the terrain is significant. The understory at the north end is heavy to balsam fir and red maple to the south. Some of the lowlands are too wet to harvest especially along the east and north sides. The Boy Scout trail runs through the stand.

Canopy Species	% Cover	Size Class	DBH	Age
White Pine	5	Log/XLog	16	
Northern White Cedar	10	Log/Pole	11	
Bigtooth Aspen	5	Log	13	
Red Maple	40	Log/Pole	12	97
Paper Birch	10	Pole	6	
Balsam Fir	5	Pole/Sapling	5	

Sub-Canopy Species	Density	Avg. Height	Size
Tag Alder	Medium	5 - 10 feet	Tall Shrub
Balsam Fir	Medium	Variable	Sapling
Black/Red (Hybrid) Oak	Low	< 5 feet	Sapling
Red Maple	Medium	Variable	Sapling

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
7	4199 - Other Mixed Upland Deciduous	Poletimber Well	31.9	73	81-110	N/A	The stand contains both upland islands and lowlands. Lowlands are recruiting a pole maple class.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	40	Log/Pole	11	73
Black/Red (Hybrid) Oak	30	Log	14	
Paper Birch	10	Pole	6	
Quaking Aspen	20	Pole/Log	9	

Sub-Canopy Species	Density	Avg. Height	Size
Black/Red (Hybrid) Oak	Low	Variable	Sapling
Witch Hazel	Low	5 - 10 feet	Tall Shrub
Red Maple	Medium	Variable	Pole



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																															
8	6113 - Lowland Maple	Sawtimber Medium	11.3	93	51-80	N/A	Stand has transitioned to a lowland maple drainage now that the ash has died out.																																															
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>75</td> <td>Log</td> <td>12</td> <td>93</td> </tr> <tr> <td>White Oak</td> <td>5</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>5</td> <td>Log</td> <td>12</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>10</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Pole</td> <td>8</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	75	Log	12	93	White Oak	5	Log	14		Quaking Aspen	5	Log	12		Black/Red (Hybrid) Oak	10	Log	14		Paper Birch	5	Pole	8		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Tag Alder</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Musclewood/Hornbeam</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Medium	Variable	Sapling	Tag Alder	Medium	5 - 10 feet	Tall Shrub	Musclewood/Hornbeam	Low	10 - 20 feet	Sapling					
Canopy Species	% Cover	Size Class	DBH	Age																																																		
Red Maple	75	Log	12	93																																																		
White Oak	5	Log	14																																																			
Quaking Aspen	5	Log	12																																																			
Black/Red (Hybrid) Oak	10	Log	14																																																			
Paper Birch	5	Pole	8																																																			
Sub-Canopy Species	Density	Avg. Height	Size																																																			
Red Maple	Medium	Variable	Sapling																																																			
Tag Alder	Medium	5 - 10 feet	Tall Shrub																																																			
Musclewood/Hornbeam	Low	10 - 20 feet	Sapling																																																			
9	4125 - Black, N. Pin Oak	Poletimber Medium	32.5	64	81-110	N/A	The stand is a matrix of uplands and lowlands with the uplands being the majority. The terrain is hummocky. The oak is poorer form. The center of the stand has a smaller pocket of oak saplings and poles recruiting.																																															
<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/Red (Hybrid) Oak</td> <td>65</td> <td>Log</td> <td>13</td> <td>64</td> </tr> <tr> <td>Quaking Aspen</td> <td>15</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>20</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black/Red (Hybrid) Oak	65	Log	13	64	Quaking Aspen	15	Pole	7		Red Maple	20	Pole/Log	9		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>10 - 20 feet</td> <td>Pole</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Low</td> <td>5 - 10 feet</td> <td>Pole</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Low	Variable	Sapling	White Pine	Low	10 - 20 feet	Pole	Black/Red (Hybrid) Oak	Low	5 - 10 feet	Pole															
Canopy Species	% Cover	Size Class	DBH	Age																																																		
Black/Red (Hybrid) Oak	65	Log	13	64																																																		
Quaking Aspen	15	Pole	7																																																			
Red Maple	20	Pole/Log	9																																																			
Sub-Canopy Species	Density	Avg. Height	Size																																																			
Red Maple	Low	Variable	Sapling																																																			
White Pine	Low	10 - 20 feet	Pole																																																			
Black/Red (Hybrid) Oak	Low	5 - 10 feet	Pole																																																			
10	6119 - Mixed Lowland Deciduous Forest	Poletimber Well	11.9	93	81-110	N/A	The stand is a matrix of uplands and lowlands with the lowlands being the majority. There is a drainage in the stand that goes to the south. There are inclusions of lowland shrubs. The terrain is hummocky.																																															
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Oak</td> <td>10</td> <td>Log/Pole</td> <td>11</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>43</td> <td>Log/Pole</td> <td>12</td> <td>93</td> </tr> <tr> <td>Balsam Fir</td> <td>10</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>15</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>20</td> <td>Pole</td> <td>5</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>2</td> <td>Pole</td> <td>6</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	White Oak	10	Log/Pole	11		Black/Red (Hybrid) Oak	43	Log/Pole	12	93	Balsam Fir	10	Pole	6		Red Maple	15	Log/Pole	10		Paper Birch	20	Pole	5		Quaking Aspen	2	Pole	6		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>Low</td> <td>10 - 20 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Balsam Fir</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Low	10 - 20 feet	Tall Shrub	Balsam Fir	Low	5 - 10 feet	Sapling	Black/Red (Hybrid) Oak	Low	5 - 10 feet	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																																		
White Oak	10	Log/Pole	11																																																			
Black/Red (Hybrid) Oak	43	Log/Pole	12	93																																																		
Balsam Fir	10	Pole	6																																																			
Red Maple	15	Log/Pole	10																																																			
Paper Birch	20	Pole	5																																																			
Quaking Aspen	2	Pole	6																																																			
Sub-Canopy Species	Density	Avg. Height	Size																																																			
Tag Alder	Low	10 - 20 feet	Tall Shrub																																																			
Balsam Fir	Low	5 - 10 feet	Sapling																																																			
Black/Red (Hybrid) Oak	Low	5 - 10 feet	Sapling																																																			
11	4130 - Aspen	Sapling Medium	29.0	14	Immature	N/A	The terrain is undulating. The tree species mix is variable. It goes from tag alder to poverty grass. Blueberry is common 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>Red Maple</td> <td>20</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>35</td> <td>Sapling</td> <td>2</td> <td>14</td> </tr> <tr> <td>Quaking Aspen</td> <td>25</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Black Spruce</td> <td>5</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>10</td> <td>Sapling</td> <td>1</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	20	Sapling	1		Bigtooth Aspen	35	Sapling	2	14	Quaking Aspen	25	Sapling	2		Black Spruce	5	Sapling	2		Paper Birch	5	Sapling	2		Black/Red (Hybrid) Oak	10	Sapling	1																			
Canopy Species	% Cover	Size Class	DBH	Age																																																		
Red Maple	20	Sapling	1																																																			
Bigtooth Aspen	35	Sapling	2	14																																																		
Quaking Aspen	25	Sapling	2																																																			
Black Spruce	5	Sapling	2																																																			
Paper Birch	5	Sapling	2																																																			
Black/Red (Hybrid) Oak	10	Sapling	1																																																			
12	310 - Herbaceous Openland	Nonstocked	41.8	0		412 - Oak Types	The stand was harvested as a clearcut.11/2017 in Buk Bolt Mix sale 73-007-16. All conifer, paper birch and green marked trees were left during harvest. Stand does not pass regeneration check during re-inventory March 2024. Heavy deer browse on all species. Extend regeneration survey																																															
13	6229 - Mixed lowland shrub	Nonstocked	10.3			No	The stand is a depression that is mainly tag alder with pockets of cattails.																																															
14	500 - Water	Nonstocked	23.0			No	The stand is a beaver pond.																																															



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments			
15	6119 - Mixed Lowland Deciduous Forest	Poletimber Poor	13.1	32	1-50	N/A	Stand cut under "Cedar Lake North" 73-036-89. Red pine, white pine and oak were left during harvest. Was part of adjacent aspen stand but is significantly lower ground. Too wet for commercial harvest. There are upland islands with log/xlog white pine.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Red Maple		40	Pole	7	32	Balsam Fir		Low	10 - 20 feet	Sapling
Black/Red (Hybrid) Oak		10	Log	14		Tag Alder		High	5 - 10 feet	Tall Shrub
White Pine		15	Log	16		Red Maple		Medium	>20 feet	Sapling
Quaking Aspen		35	Pole	6	32	White Pine		Low	5 - 10 feet	Sapling
						Black/Red (Hybrid) Oak	Low	5 - 10 feet	Sapling	
16	4199 - Other Mixed Upland Deciduous	Sawtimber Medium	36.9	46	81-110	N/A	The stand is comprised of oak ridges with many low, narrow drainages. Any regeneration is currently being browsed heavily by deer and beaver.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
White Oak		7	Log	12		Tag Alder		Low	5 - 10 feet	Tall Shrub
Paper Birch		5	Pole	7		Balsam Fir		Low	5 - 10 feet	Sapling
Bigtooth Aspen		10	Log/Pole	12		Black/Red (Hybrid) Oak		Low	Variable	Sapling
Red Maple		15	Log/Pole	11		White Pine		Low	< 5 feet	Sapling
Balsam Fir		8	Pole	6		Red Maple	Low	>20 feet	Sapling	
White Pine		5	Log	13						
Black/Red (Hybrid) Oak		50	Log/Pole	10	46					
17	3105 - Mixed Upland Herbaceous	Nonstocked	3.8			No	Maintained wildlife opening			
18	6119 - Mixed Lowland Deciduous Forest	Sawtimber Medium	40.7	94	1-50	N/A	The stand is a matrix of uplands and lowlands with the lowlands being the majority. Red maple poles are more prevalent in the lowland drains and oak poles are also starting to recruit. Second age based off saplings recruiting. Completion notes: Stand harvested under contract # 73-003-16, Comp 31 Mix in August of 2018. 31.6 square feet was removed from the stand and 41 square feet was left as residual.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Paper Birch		10	Pole	6		Red Maple		Low	>20 feet	Pole
Tamarack		5	Pole	6		Black/Red (Hybrid) Oak		Low	>20 feet	Sapling
Black/Red (Hybrid) Oak		30	Log	17		Tag Alder		Low	5 - 10 feet	Tall Shrub
Red Maple		55	Log	13	94	White Pine		Low	>20 feet	Pole
19	4130 - Aspen	Poletimber Well	49.6	39	81-110	N/A	The stand was harvested retaining oak. Overall upland aspen with a few narrow drainages running throughout stand. The density is quite variable going from well to poorly stocked.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Bigtooth Aspen		50	Pole	7	39	Red Maple		Low	>20 feet	Sapling
Paper Birch		5	Pole	6		Black/Red (Hybrid) Oak		Low	5 - 10 feet	Sapling
Red Maple		10	Pole	6						
White Pine		5	Log	12						
Quaking Aspen		12	Pole	7						
Black/Red (Hybrid) Oak		18	Log/Pole	12						
20	3202 - Autumn Olive/Honeysuckle	Nonstocked	2.2			No	This is an old autumn olive planting on poor soils. The ground cover is poverty grass and sweet fern.			



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

21	4130 - Aspen	Sapling Poor	13.2	14	Immature	N/A	The stand was harvested in 2010. The regeneration is patchy. The stand is a matrix of uplands and lowlands with the uplands being the majority.
-----------	--------------	--------------	------	----	----------	-----	---

Canopy Species	% Cover	Size Class	DBH	Age
White Pine	2	Pole/Sapling	4	
Bigtooth Aspen	81	Sapling	2	14
Balsam Fir	2	Sapling/Pole	4	
Red Maple	15	Sapling	1	

22	6230 - Cattail	Nonstocked	7.2			No	
-----------	----------------	------------	-----	--	--	----	--

23	3105 - Mixed Upland Herbaceous	Nonstocked	29.0			No	This stand was harvested in 2010 and has not regenerated. Hummocky sparsely vegetated stand.
-----------	--------------------------------	------------	------	--	--	----	--

24	4199 - Other Mixed Upland Deciduous	Sawtimber Well	8.2	79	111-140	N/A	Narrow ridge between two lowlands. The northern half surrounds a maintained wildlife opening. The balsam fir is higher along lowland edges and the southern half.
-----------	-------------------------------------	----------------	-----	----	---------	-----	---

Canopy Species	% Cover	Size Class	DBH	Age
Paper Birch	2	Pole/Sapling	5	
Black/Red (Hybrid) Oak	20	Log	16	
White Oak	3	Log	16	
Red Pine	2	Log	17	
Balsam Fir	10	Pole/Sapling	5	
Bigtooth Aspen	30	Log	14	79
Red Maple	28	Log/Pole	11	
White Pine	3	Log	12	
Hemlock	2	Pole	7	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Medium	>20 feet	Sapling
Red Maple	Medium	>20 feet	Sapling
Black/Red (Hybrid) Oak	Low	10 - 20 feet	Sapling

25	4130 - Aspen	Poletimber Well	12.4	45	81-110	N/A	The terrain is hummocky. The uplands makes up about 80-85% of the stand. There are several wet drainages present. This stand could be harvested, as it is a pole stand. However, it would be better to wait 10 years. FACTOR LIMIT THE STAND: NEEDS ROAD
-----------	--------------	-----------------	------	----	--------	-----	--

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	10	Pole	8	
Bigtooth Aspen	50	Pole	7	45
Quaking Aspen	30	Pole	7	
Paper Birch	5	Pole	6	
White Pine	5	Log	12	

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



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																															
26	4199 - Other Mixed Upland Deciduous	Poletimber Poor	2.7	25	1-50	N/A	This stand has some older trees that have been seeding into the stand.																																																															
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black Cherry</td> <td>10</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>White Oak</td> <td>5</td> <td>Pole</td> <td>5</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>45</td> <td>Pole</td> <td>5</td> <td>25</td> </tr> <tr> <td>Red Maple</td> <td>20</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>5</td> <td>Log/XLog</td> <td>16</td> <td></td> </tr> <tr> <td>White Pine</td> <td>5</td> <td>Log</td> <td>12</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>5</td> <td>Log</td> <td>14</td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Black Cherry	10	Pole	6		Paper Birch	5	Pole	7		White Oak	5	Pole	5		Black/Red (Hybrid) Oak	45	Pole	5	25	Red Maple	20	Pole/Log	9		Black/Red (Hybrid) Oak	5	Log/XLog	16		White Pine	5	Log	12		Red Pine	5	Log	14																			
Canopy Species	% Cover	Size Class	DBH	Age																																																																		
Black Cherry	10	Pole	6																																																																			
Paper Birch	5	Pole	7																																																																			
White Oak	5	Pole	5																																																																			
Black/Red (Hybrid) Oak	45	Pole	5	25																																																																		
Red Maple	20	Pole/Log	9																																																																			
Black/Red (Hybrid) Oak	5	Log/XLog	16																																																																			
White Pine	5	Log	12																																																																			
Red Pine	5	Log	14																																																																			
27	629 - Mixed non-forested wetland	Nonstocked	110.0			No	Lowland alder and cattail with scattered upland islands.																																																															
28	6130 - Fir, Aspen, Maple	Poletimber Well	7.9	41	111-140	N/A	Stand clearcut in 1983. Pine and oak left for retention. Stand was cut with adjacent aspen stand to the east. This lowland came back to much heavier balsam fir and aspen mix. Dense mixed stand with low ground.																																																															
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Paper Birch</td> <td>5</td> <td>Pole</td> <td>6</td> <td></td> <td>Tag Alder</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Balsam Fir</td> <td>40</td> <td>Pole</td> <td>6</td> <td>41</td> <td>Balsam Fir</td> <td>Medium</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Northern White Cedar</td> <td>5</td> <td>Log/Pole</td> <td>11</td> <td></td> <td>Red Maple</td> <td>Low</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>5</td> <td>Log</td> <td>12</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Red Maple</td> <td>15</td> <td>Log/Pole</td> <td>11</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>30</td> <td>Pole</td> <td>9</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	Paper Birch	5	Pole	6		Tag Alder	Low	5 - 10 feet	Tall Shrub	Balsam Fir	40	Pole	6	41	Balsam Fir	Medium	>20 feet	Sapling	Northern White Cedar	5	Log/Pole	11		Red Maple	Low	>20 feet	Sapling	Black/Red (Hybrid) Oak	5	Log	12						Red Maple	15	Log/Pole	11						Bigtooth Aspen	30	Pole	9					
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size																																																														
Paper Birch	5	Pole	6		Tag Alder	Low	5 - 10 feet	Tall Shrub																																																														
Balsam Fir	40	Pole	6	41	Balsam Fir	Medium	>20 feet	Sapling																																																														
Northern White Cedar	5	Log/Pole	11		Red Maple	Low	>20 feet	Sapling																																																														
Black/Red (Hybrid) Oak	5	Log	12																																																																			
Red Maple	15	Log/Pole	11																																																																			
Bigtooth Aspen	30	Pole	9																																																																			
29	310 - Herbaceous Openland	Nonstocked	9.7			No	Narrow ridge with scattered pine and shrubs																																																															
30	6229 - Mixed lowland shrub	Nonstocked	38.0			No	The stand is mainly tag alder, willow and marsh grass with some scattered trees.																																																															
31	310 - Herbaceous Openland	Nonstocked	2.8		Unspecified	Managed Opening	This is an old autumn olive planting on poor soils. The ground cover is poverty grass and sweet fern.																																																															
32	42210 - Natural Red Pine	Sawtimber Well	3.5	94	81-110	N/A	Natural red pine peninsula that goes into a lowland shrub type.																																																															
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>96</td> <td>Log</td> <td>14</td> <td>94</td> <td>Black/Red (Hybrid) Oak</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>2</td> <td>Log</td> <td>16</td> <td></td> <td>Red Pine</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>2</td> <td>XLog/Log</td> <td>18</td> <td></td> <td>White Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	Red Pine	96	Log	14	94	Black/Red (Hybrid) Oak	Low	Variable	Sapling	Black/Red (Hybrid) Oak	2	Log	16		Red Pine	Medium	Variable	Sapling	White Pine	2	XLog/Log	18		White Pine	Low	Variable	Sapling																											
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size																																																														
Red Pine	96	Log	14	94	Black/Red (Hybrid) Oak	Low	Variable	Sapling																																																														
Black/Red (Hybrid) Oak	2	Log	16		Red Pine	Medium	Variable	Sapling																																																														
White Pine	2	XLog/Log	18		White Pine	Low	Variable	Sapling																																																														
33	629 - Mixed non-forested wetland	Nonstocked	48.5		Immature	No	The stand is mainly an emergent marsh type with areas of open water and areas of lowland shrubs.																																																															



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																															
34	6139 - Mixed Lowland Forest	Poletimber Poor	11.2	53	1-50	N/A	Narrow mixed pine ridge. Heavy to balsam fir in the south & transitions more to sparse hardwood in the north.																																															
<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</td> <td>7</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>25</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>10</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>White Pine</td> <td>10</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>30</td> <td>Pole</td> <td>6</td> <td>53</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>20</td> <td>Log</td> <td>16</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black Spruce	5	Pole	7		Red Pine	25	Log	14		Balsam Fir	10	Pole	6		White Pine	10	Pole/Log	9		Quaking Aspen	30	Pole	6	53	Black/Red (Hybrid) Oak	20	Log	16		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Tag Alder</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Red Pine</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	White Pine	Low	5 - 10 feet	Sapling	Tag Alder	Low	5 - 10 feet	Tall Shrub	Red Pine	Low	5 - 10 feet	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																																		
Black Spruce	5	Pole	7																																																			
Red Pine	25	Log	14																																																			
Balsam Fir	10	Pole	6																																																			
White Pine	10	Pole/Log	9																																																			
Quaking Aspen	30	Pole	6	53																																																		
Black/Red (Hybrid) Oak	20	Log	16																																																			
Sub-Canopy Species	Density	Avg. Height	Size																																																			
White Pine	Low	5 - 10 feet	Sapling																																																			
Tag Alder	Low	5 - 10 feet	Tall Shrub																																																			
Red Pine	Low	5 - 10 feet	Sapling																																																			
35	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	12.8	75	111-140	N/A	The stand has an upland ridge running N/S through the stand. The edges taper off into more of a lowland cover type. Maple is the most dominant species now that the aspen has fallen out. White pine is also heavily present 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>White Pine</td> <td>20</td> <td>Log</td> <td>13</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Northern Pin Oak</td> <td>10</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>15</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	White Pine	20	Log	13		Paper Birch	5	Pole/Log	9		Northern Pin Oak	10	Pole/Log	8		Quaking Aspen	15	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>Balsam Fir</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Low</td> <td>>20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Medium	10 - 20 feet	Sapling	White Pine	Low	10 - 20 feet	Sapling	Red Maple	Low	>20 feet	Sapling										
Canopy Species	% Cover	Size Class	DBH	Age																																																		
White Pine	20	Log	13																																																			
Paper Birch	5	Pole/Log	9																																																			
Northern Pin Oak	10	Pole/Log	8																																																			
Quaking Aspen	15	Log/Pole	12																																																			
Sub-Canopy Species	Density	Avg. Height	Size																																																			
Balsam Fir	Medium	10 - 20 feet	Sapling																																																			
White Pine	Low	10 - 20 feet	Sapling																																																			
Red Maple	Low	>20 feet	Sapling																																																			
36	6113 - Lowland Maple	Sawtimber Medium	10.2	94	1-50	N/A	Stand follows an upland ridge and road. Area harvested under contract #73-003-16, Comp 31 Mix in September of 2018. 28.9 square feet was removed from the stand leaving 27.8 square feet as residual. East half of stand was too wet and therefore left out of the harvest. Regeneration is poor and does not meet minimum stocking.																																															
<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/Red (Hybrid) Oak</td> <td>20</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>15</td> <td>Pole/Sap/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>5</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>60</td> <td>Log/Pole</td> <td>12</td> <td>94</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black/Red (Hybrid) Oak	20	Log	14		Paper Birch	15	Pole/Sap/Log	8		Jack Pine	5	Pole	7		Red Maple	60	Log/Pole	12	94	<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/Red (Hybrid) Oak	20	Log	14																																																			
Paper Birch	15	Pole/Sap/Log	8																																																			
Jack Pine	5	Pole	7																																																			
Red Maple	60	Log/Pole	12	94																																																		
Sub-Canopy Species	Density	Avg. Height	Size																																																			
Tag Alder	Low	5 - 10 feet	Tall Shrub																																																			
37	6229 - Mixed lowland shrub	Nonstocked	23.0	0		No	Mixed lowland shrub with a few upland islands scattered throughout.																																															
38	6113 - Lowland Maple	Poletimber Poor	3.2	49	1-50	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>80</td> <td>Pole</td> <td>8</td> <td>49</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>10</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>10</td> <td>Log/Pole</td> <td>11</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	80	Pole	8	49	Bigtooth Aspen	10	Pole/Log	8		Black/Red (Hybrid) Oak	10	Log/Pole	11		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Low</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Tag Alder</td> <td>High</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Low	>20 feet	Sapling	Tag Alder	High	5 - 10 feet	Tall Shrub																			
Canopy Species	% Cover	Size Class	DBH	Age																																																		
Red Maple	80	Pole	8	49																																																		
Bigtooth Aspen	10	Pole/Log	8																																																			
Black/Red (Hybrid) Oak	10	Log/Pole	11																																																			
Sub-Canopy Species	Density	Avg. Height	Size																																																			
Red Maple	Low	>20 feet	Sapling																																																			
Tag Alder	High	5 - 10 feet	Tall Shrub																																																			
39	3201 - Sweet Fern	Nonstocked	20.2			No	The aspen in the stand has been chewed off by beaver. There are now only a few small clones. The ground cover is mainly sweet fern and poverty grass.																																															
		<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>Bigtooth Aspen</td> <td>Low</td> <td></td> <td>Pole</td> </tr> <tr> <td>Jack Pine</td> <td>Trace</td> <td></td> <td>Pole</td> </tr> <tr> <td>Red Pine</td> <td>Low</td> <td></td> <td>Pole</td> </tr> <tr> <td>Sweet Fern</td> <td>Medium</td> <td></td> <td>Tall Shrub</td> </tr> <tr> <td>White Pine</td> <td>Trace</td> <td></td> <td>Pole</td> </tr> <tr> <td>Balsam Fir</td> <td>Trace</td> <td></td> <td>Pole</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Bigtooth Aspen	Low		Pole	Jack Pine	Trace		Pole	Red Pine	Low		Pole	Sweet Fern	Medium		Tall Shrub	White Pine	Trace		Pole	Balsam Fir	Trace		Pole																							
Sub-Canopy Species	Density	Avg. Height	Size																																																			
Bigtooth Aspen	Low		Pole																																																			
Jack Pine	Trace		Pole																																																			
Red Pine	Low		Pole																																																			
Sweet Fern	Medium		Tall Shrub																																																			
White Pine	Trace		Pole																																																			
Balsam Fir	Trace		Pole																																																			



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

40	622 - Lowland Shrub	Nonstocked	1.3	0	Unspecified	No	
----	---------------------	------------	-----	---	-------------	----	--

41	4191 - Mixed Upland Deciduous with Conifer	Poletimber Medium	36.2	46	51-80	N/A	Variable species stand that follows narrow ridges. Regeneration may be an issue if commercially harvested after observing adjacent recent timber harvests.
----	--	-------------------	------	----	-------	-----	--

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	30	Pole	6	46	Tag Alder	Medium	5 - 10 feet	Tall Shrub
Red Pine	5	Pole	8					
Paper Birch	10	Pole/Sapling	5					
Jack Pine	10	Pole	6					
Tamarack	15	Pole	5					
Red Maple	8	Pole	6					
Black/Red (Hybrid) Oak	20	Log	11					
Black Spruce	2	Pole	5					

42	6233 - Wet Meadow	Nonstocked	11.3			No	This area was a beaver pond but has since drained. It is now more of a beaver meadow. There are now some upland areas visible. The central portion of the stand still has open water.
----	-------------------	------------	------	--	--	----	---

43	4310 - Pine, Oak Mix	Poletimber Medium	17.6	39	1-50	N/A	This stand is a matrix of uplands and lowlands with the uplands being the majority. The terrain is variable. The low areas go from cattails to tag alder. The uplands are mainly bracken fern and poverty grass.
----	----------------------	-------------------	------	----	------	-----	--

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	5	Log/Pole	12		Tag Alder	High	5 - 10 feet	Tall Shrub
Quaking Aspen	20	Sapling/Pole	4		Red Pine	Low	Variable	Sapling
Black/Red (Hybrid) Oak	30	Log	11	39	Jack Pine	Low	Variable	Sapling
White Pine	20	Pole/Sapling	5		White Pine	High	Variable	Sapling
Red Pine	10	Pole/Sapling	5					
Jack Pine	15	Sapling/Pole	4					

44	4319 - Mixed Upland Forest	Sapling Poor	21.4	7	Immature	N/A	Stand cut under Buck Bolt Mix 73-007-16 in Fall 2017. All white pine and green marked trees were left during harvest. Very patchy regeneration. Tamarack, jack pine and white pine seedlings are starting to regenerate.
----	----------------------------	--------------	------	---	----------	-----	--

Canopy Species	% Cover	Size Class	DBH	Age
Jack Pine	25	Sapling	1	7
Black/Red (Hybrid) Oak	2	Log	15	
Bigtooth Aspen	10	Sapling	1	
Red Maple	20	Sapling	1	
Paper Birch	5	Pole	6	
White Pine	20	Sapling	2	
Black/Red (Hybrid) Oak	5	Sapling	1	
White Pine	3	Log	16	
Tamarack	10	Sapling	2	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																							
45	6131 - Hemlock, White Pine, Maple, Birch	Poletimber Medium	4.7	42	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/Red (Hybrid) Oak</td> <td>20</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>White Pine</td> <td>50</td> <td>Pole/Log</td> <td>9</td> <td>42</td> </tr> <tr> <td>Red Maple</td> <td>10</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>20</td> <td>Pole</td> <td>7</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black/Red (Hybrid) Oak	20	Pole	7		White Pine	50	Pole/Log	9	42	Red Maple	10	Pole	6		Bigtooth Aspen	20	Pole	7		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Low</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Low	>20 feet	Sapling	White Pine	Low	10 - 20 feet	Sapling						
Canopy Species	% Cover	Size Class	DBH	Age																																										
Black/Red (Hybrid) Oak	20	Pole	7																																											
White Pine	50	Pole/Log	9	42																																										
Red Maple	10	Pole	6																																											
Bigtooth Aspen	20	Pole	7																																											
Sub-Canopy Species	Density	Avg. Height	Size																																											
Red Maple	Low	>20 feet	Sapling																																											
White Pine	Low	10 - 20 feet	Sapling																																											
46	42200 - Natural White Pine	Sawtimber Well	5.0	99	111-140	N/A	This stand is a peninsula that is surrounded on three sides by lowlands. A portion of the stand is accessible from the west. There is a drainage that bisects the stand. It appears to have generated from a few large white pines that have seeded the area over the years. The diameter of the trees goes from seedling to extra-large sawlogs. The sawlogs have been open grown having heavy branches all the way to the ground.																																							
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>100</td> <td>Log</td> <td>15</td> <td>99</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	White Pine	100	Log	15	99	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	White Pine	Low	10 - 20 feet	Sapling																									
Canopy Species	% Cover	Size Class	DBH	Age																																										
White Pine	100	Log	15	99																																										
Sub-Canopy Species	Density	Avg. Height	Size																																											
White Pine	Low	10 - 20 feet	Sapling																																											
47	3102 - Grass	Nonstocked	6.5			Managed Opening	This area is a maintained wildlife opening.																																							
48	500 - Water	Nonstocked	28.4			No	Beaver pond																																							
49	4131 - Aspen, Oak	Sapling Poor	25.9	14	Immature	N/A	The stand was harvested in 2010. Regeneration is being browse by deer and beaver. Multiple narrow drainages bisect the stand. Heavier aspen regeneration along the western boundary.																																							
<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>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>15</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>45</td> <td>Sapling</td> <td>2</td> <td>14</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>20</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>White Pine</td> <td>5</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>3</td> <td>Sapling/Pole</td> <td>3</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>2</td> <td>Sapling</td> <td>1</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	10	Sapling	2		Quaking Aspen	15	Sapling	2		Bigtooth Aspen	45	Sapling	2	14	Black/Red (Hybrid) Oak	20	Sapling	3		White Pine	5	Sapling/Pole	4		Red Pine	3	Sapling/Pole	3		Jack Pine	2	Sapling	1						
Canopy Species	% Cover	Size Class	DBH	Age																																										
Red Maple	10	Sapling	2																																											
Quaking Aspen	15	Sapling	2																																											
Bigtooth Aspen	45	Sapling	2	14																																										
Black/Red (Hybrid) Oak	20	Sapling	3																																											
White Pine	5	Sapling/Pole	4																																											
Red Pine	3	Sapling/Pole	3																																											
Jack Pine	2	Sapling	1																																											
50	6229 - Mixed lowland shrub	Nonstocked	12.8			No	Lowland tag alder thicket																																							
51	310 - Herbaceous Openland	Nonstocked	2.1	0		No	Old illegal ORV scramble area closed off with stumps & debris.																																							
52	6112 - Lowland Aspen	Poletimber Poor	13.9	90	1-50	N/A	Lowland stand that has converted to a sparsely vegetated aspen stand. Most of the aspen is dying out with a heavy understory of tag alder and maple.																																							
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>20</td> <td>Log/Pole</td> <td>11</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>5</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>20</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>55</td> <td>Log</td> <td>14</td> <td>90</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	20	Log/Pole	11		Black/Red (Hybrid) Oak	5	Log/Pole	12		Balsam Fir	20	Pole	7		Quaking Aspen	55	Log	14	90	<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>Musclewood/Hornbeam</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Tag Alder</td> <td>High</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Musclewood/Hornbeam	Low	10 - 20 feet	Sapling	Balsam Fir	Medium	>20 feet	Sapling	Tag Alder	High	5 - 10 feet	Tall Shrub		
Canopy Species	% Cover	Size Class	DBH	Age																																										
Red Maple	20	Log/Pole	11																																											
Black/Red (Hybrid) Oak	5	Log/Pole	12																																											
Balsam Fir	20	Pole	7																																											
Quaking Aspen	55	Log	14	90																																										
Sub-Canopy Species	Density	Avg. Height	Size																																											
Musclewood/Hornbeam	Low	10 - 20 feet	Sapling																																											
Balsam Fir	Medium	>20 feet	Sapling																																											
Tag Alder	High	5 - 10 feet	Tall Shrub																																											



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																			
53	4133 - Aspen, Mixed Pine	Poletimber Well	23.6	39	81-110	N/A	The edges of the stand are being hit heavily by beavers. The lowland pocket in the center of the stand is also starting to get dammed up by beavers. The aspen is starting to reach 7" DBH.																																																			
<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>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>66</td> <td>Pole</td> <td>7</td> <td>39</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>2</td> <td>Log/Pole</td> <td>11</td> <td></td> </tr> <tr> <td>White Pine</td> <td>2</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>15</td> <td>Log</td> <td>13</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>5</td> <td>Pole</td> <td>6</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	10	Sapling/Pole	4		Bigtooth Aspen	66	Pole	7	39	Black/Red (Hybrid) Oak	2	Log/Pole	11		White Pine	2	Log	14		Red Pine	15	Log	13		Jack Pine	5	Pole	6		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Tag Alder</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Pine	Low	10 - 20 feet	Sapling	White Pine	Medium	10 - 20 feet	Sapling	Tag Alder	Low	5 - 10 feet	Tall Shrub	Bigtooth Aspen	Low	10 - 20 feet	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																																						
Quaking Aspen	10	Sapling/Pole	4																																																							
Bigtooth Aspen	66	Pole	7	39																																																						
Black/Red (Hybrid) Oak	2	Log/Pole	11																																																							
White Pine	2	Log	14																																																							
Red Pine	15	Log	13																																																							
Jack Pine	5	Pole	6																																																							
Sub-Canopy Species	Density	Avg. Height	Size																																																							
Red Pine	Low	10 - 20 feet	Sapling																																																							
White Pine	Medium	10 - 20 feet	Sapling																																																							
Tag Alder	Low	5 - 10 feet	Tall Shrub																																																							
Bigtooth Aspen	Low	10 - 20 feet	Sapling																																																							
54	629 - Mixed non-forested wetland	Nonstocked	6.4			No	This stand is a mixture of tag alder and cattails with some areas of open water. It looks like it may have been an old beaver flooding.																																																			
55	4133 - Aspen, Mixed Pine	Poletimber Medium	17.6	39	81-110	N/A	Poorer quality aspen with a heavy mix of pine and oak. Pine seedlings can be found 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>Paper Birch</td> <td>2</td> <td>Pole</td> <td>5</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>20</td> <td>Log/Pole</td> <td>11</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>5</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>12</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>15</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>46</td> <td>Pole</td> <td>6</td> <td>39</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Paper Birch	2	Pole	5		Black/Red (Hybrid) Oak	20	Log/Pole	11		Red Maple	5	Pole	8		Jack Pine	12	Sapling/Pole	4		Red Pine	15	Log	14		Quaking Aspen	46	Pole	6	39	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</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	Red Pine	Low	5 - 10 feet	Sapling	Tag Alder	Medium	5 - 10 feet	Tall Shrub								
Canopy Species	% Cover	Size Class	DBH	Age																																																						
Paper Birch	2	Pole	5																																																							
Black/Red (Hybrid) Oak	20	Log/Pole	11																																																							
Red Maple	5	Pole	8																																																							
Jack Pine	12	Sapling/Pole	4																																																							
Red Pine	15	Log	14																																																							
Quaking Aspen	46	Pole	6	39																																																						
Sub-Canopy Species	Density	Avg. Height	Size																																																							
Red Pine	Low	5 - 10 feet	Sapling																																																							
Tag Alder	Medium	5 - 10 feet	Tall Shrub																																																							
56	629 - Mixed non-forested wetland	Nonstocked	78.0			No	This is mainly a lowland shrub/grass type with upland islands and low ridges. The uplands are only slightly higher than the surrounding lowlands.																																																			
57	6220 - Alder/willow	Nonstocked	3.1			No	This is an area of tag alder over standing water.																																																			
58	500 - Water	Nonstocked	76.2			No	This is Tittabawassee River and its tributaries. Many of the tributaries have multiple beaver dams and ponds.																																																			
59	6113 - Lowland Maple	Poletimber Well	7.5	73	81-110	N/A	Lowland maple stand that is self thinning and recruiting a new pole class.																																																			
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>60</td> <td>Log/Pole</td> <td>11</td> <td>73</td> </tr> <tr> <td>Quaking Aspen</td> <td>20</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>10</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>10</td> <td>Pole</td> <td>6</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	60	Log/Pole	11	73	Quaking Aspen	20	Pole/Log	9		Black/Red (Hybrid) Oak	10	Log	14		Paper Birch	10	Pole	6		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Medium</td> <td>Variable</td> <td>Pole</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Witch Hazel</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Medium	Variable	Pole	Black/Red (Hybrid) Oak	Low	Variable	Sapling	Witch Hazel	Low	5 - 10 feet	Tall Shrub														
Canopy Species	% Cover	Size Class	DBH	Age																																																						
Red Maple	60	Log/Pole	11	73																																																						
Quaking Aspen	20	Pole/Log	9																																																							
Black/Red (Hybrid) Oak	10	Log	14																																																							
Paper Birch	10	Pole	6																																																							
Sub-Canopy Species	Density	Avg. Height	Size																																																							
Red Maple	Medium	Variable	Pole																																																							
Black/Red (Hybrid) Oak	Low	Variable	Sapling																																																							
Witch Hazel	Low	5 - 10 feet	Tall Shrub																																																							
60	629 - Mixed non-forested wetland	Nonstocked	23.5			No	This stand is an extensive mixture non forested wetlands types. It goes from tag alder to marsh grass to open water.																																																			



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																							
61	4133 - Aspen, Mixed Pine	Sawtimber Medium	2.8	87	81-110	N/A	Strip along Secord Lake that was left during previous harvests. Most of stand is a steep slope down to the river bottom.																																																							
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>30</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>5</td> <td>Log/Pole</td> <td>11</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>53</td> <td>Log</td> <td>12</td> <td>87</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>12</td> <td>Pole/Log/Sap</td> <td>9</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	White Pine	30	Log/Pole	12		Red Maple	5	Log/Pole	11		Bigtooth Aspen	53	Log	12	87	Black/Red (Hybrid) Oak	12	Pole/Log/Sap	9		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	White Pine	Low	10 - 20 feet	Sapling	Black/Red (Hybrid) Oak	Low	10 - 20 feet	Sapling																						
Canopy Species	% Cover	Size Class	DBH	Age																																																										
White Pine	30	Log/Pole	12																																																											
Red Maple	5	Log/Pole	11																																																											
Bigtooth Aspen	53	Log	12	87																																																										
Black/Red (Hybrid) Oak	12	Pole/Log/Sap	9																																																											
Sub-Canopy Species	Density	Avg. Height	Size																																																											
White Pine	Low	10 - 20 feet	Sapling																																																											
Black/Red (Hybrid) Oak	Low	10 - 20 feet	Sapling																																																											
62	4133 - Aspen, Mixed Pine	Sawtimber Medium	5.1	87	81-110	N/A	Strip along Secord Lake that was left during previous harvests. Aspen is starting to decline. Recommend to thin stand up to Secord Lake when adjacent stands are ready for harvest.																																																							
<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>Log/Pole</td> <td>11</td> <td></td> </tr> <tr> <td>White Pine</td> <td>30</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>53</td> <td>Log</td> <td>12</td> <td>87</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>12</td> <td>Pole/Log/Sap</td> <td>9</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	5	Log/Pole	11		White Pine	30	Log/Pole	12		Bigtooth Aspen	53	Log	12	87	Black/Red (Hybrid) Oak	12	Pole/Log/Sap	9		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	White Pine	Low	10 - 20 feet	Sapling	Black/Red (Hybrid) Oak	Low	10 - 20 feet	Sapling																						
Canopy Species	% Cover	Size Class	DBH	Age																																																										
Red Maple	5	Log/Pole	11																																																											
White Pine	30	Log/Pole	12																																																											
Bigtooth Aspen	53	Log	12	87																																																										
Black/Red (Hybrid) Oak	12	Pole/Log/Sap	9																																																											
Sub-Canopy Species	Density	Avg. Height	Size																																																											
White Pine	Low	10 - 20 feet	Sapling																																																											
Black/Red (Hybrid) Oak	Low	10 - 20 feet	Sapling																																																											
63	42220 - Natural Jack Pine	Poletimber Well	26.6	43	81-110	N/A	The jack pine in the stand is short, being only 2 sticks tall. It has poor form. Many have light to moderate galling. Most of the galls are on side branches. However, some of them are on the main stem. The terrain is hummocky but fairly dry. There are a few inclusions of low wet ground. The tamarack is mainly along the edges. The aspen is being hit by beavers, especially near the lowlands. The crown closure is closer to 75%.																																																							
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Tamarack</td> <td>3</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>2</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>65</td> <td>Pole</td> <td>7</td> <td>43</td> </tr> <tr> <td>Red Pine</td> <td>15</td> <td>Log/Pole</td> <td>11</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>15</td> <td>Pole</td> <td>7</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Tamarack	3	Pole	6		Black/Red (Hybrid) Oak	2	Pole	8		Jack Pine	65	Pole	7	43	Red Pine	15	Log/Pole	11		Bigtooth Aspen	15	Pole	7		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>< 5 feet</td> <td>Sapling</td> </tr> <tr> <td>Jack Pine</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Pine</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Low	5 - 10 feet	Tall Shrub	White Pine	Low	< 5 feet	Sapling	Jack Pine	Low	5 - 10 feet	Sapling	Red Pine	Low	5 - 10 feet	Sapling									
Canopy Species	% Cover	Size Class	DBH	Age																																																										
Tamarack	3	Pole	6																																																											
Black/Red (Hybrid) Oak	2	Pole	8																																																											
Jack Pine	65	Pole	7	43																																																										
Red Pine	15	Log/Pole	11																																																											
Bigtooth Aspen	15	Pole	7																																																											
Sub-Canopy Species	Density	Avg. Height	Size																																																											
Tag Alder	Low	5 - 10 feet	Tall Shrub																																																											
White Pine	Low	< 5 feet	Sapling																																																											
Jack Pine	Low	5 - 10 feet	Sapling																																																											
Red Pine	Low	5 - 10 feet	Sapling																																																											
64	4319 - Mixed Upland Forest	Sawtimber Well	15.7	60	111-140	N/A	The aspen along the Tittabawassee River and drainages are being impacted by beaver. So between beavers and natural decline the aspen is falling out of the stand. In the open areas the stand is filling in with white pine and balsam fir with some scattered red pines. The terrain is undulating and the depressions are wet.																																																							
<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>4</td> <td>Log</td> <td>13</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>10</td> <td>Log</td> <td>13</td> <td></td> </tr> <tr> <td>White Pine</td> <td>50</td> <td>Log</td> <td>15</td> <td>60</td> </tr> <tr> <td>Red Pine</td> <td>4</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>25</td> <td>Log</td> <td>13</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>5</td> <td>Log</td> <td>12</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>2</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	4	Log	13		Bigtooth Aspen	10	Log	13		White Pine	50	Log	15	60	Red Pine	4	Log	14		Red Maple	25	Log	13		Black/Red (Hybrid) Oak	5	Log	12		Paper Birch	2	Pole/Log	9		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Low	Variable	Sapling	White Pine	Medium	Variable	Sapling	Black/Red (Hybrid) Oak	Low	10 - 20 feet	Sapling			
Canopy Species	% Cover	Size Class	DBH	Age																																																										
Quaking Aspen	4	Log	13																																																											
Bigtooth Aspen	10	Log	13																																																											
White Pine	50	Log	15	60																																																										
Red Pine	4	Log	14																																																											
Red Maple	25	Log	13																																																											
Black/Red (Hybrid) Oak	5	Log	12																																																											
Paper Birch	2	Pole/Log	9																																																											
Sub-Canopy Species	Density	Avg. Height	Size																																																											
Balsam Fir	Low	Variable	Sapling																																																											
White Pine	Medium	Variable	Sapling																																																											
Black/Red (Hybrid) Oak	Low	10 - 20 feet	Sapling																																																											
65	4130 - Aspen	Poletimber Well	33.1	39	81-110	N/A	The stand is about 90% uplands. The lowlands are mainly in the draws. These drain into the Tittabawassee River. The terrain is mainly flat and it becomes undulating near the draws. The aspen is moving nicely into poles and there are already some 6" diameter poles present.																																																							
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>2</td> <td>Log/Pole</td> <td>11</td> <td></td> </tr> <tr> <td>White Pine</td> <td>5</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>3</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>60</td> <td>Pole</td> <td>7</td> <td>39</td> </tr> <tr> <td>Quaking Aspen</td> <td>30</td> <td>Pole</td> <td>6</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	White Pine	2	Log/Pole	11		White Pine	5	Pole	6		Jack Pine	3	Pole	7		Bigtooth Aspen	60	Pole	7	39	Quaking Aspen	30	Pole	6		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Jack Pine</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Tag Alder</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	White Pine	Low	5 - 10 feet	Sapling	Jack Pine	Low	5 - 10 feet	Sapling	Tag Alder	Low	5 - 10 feet	Tall Shrub													
Canopy Species	% Cover	Size Class	DBH	Age																																																										
White Pine	2	Log/Pole	11																																																											
White Pine	5	Pole	6																																																											
Jack Pine	3	Pole	7																																																											
Bigtooth Aspen	60	Pole	7	39																																																										
Quaking Aspen	30	Pole	6																																																											
Sub-Canopy Species	Density	Avg. Height	Size																																																											
White Pine	Low	5 - 10 feet	Sapling																																																											
Jack Pine	Low	5 - 10 feet	Sapling																																																											
Tag Alder	Low	5 - 10 feet	Tall Shrub																																																											



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments	
66	4199 - Other Mixed Upland Deciduous	Sawtimber Well	8.1	79	111-140	N/A	Narrow ridge between two lowlands. The northern half surrounds a maintained wildlife opening. The balsam fir is higher along lowland edges and the southern half.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Balsam Fir		10	Pole/Sapling	5		Red Maple		
Hemlock		2	Pole	7		Balsam Fir		
Bigtooth Aspen		30	Log	14	79	Black/Red (Hybrid) Oak		
Paper Birch		2	Pole/Sapling	5				
Red Pine		2	Log	17				
Black/Red (Hybrid) Oak		20	Log	16				
Red Maple		28	Log/Pole	11				
White Pine		3	Log	12				
White Oak		3	Log	16				
67	6130 - Fir, Aspen, Maple	Sawtimber Poor	13.7	60	1-50	N/A		Open grown lowland stand that has been affected by beaver dams. Majority of the stand is open grown with tag alder and willow brush. There are islands heavier to balsam fir and pine, pushing the canopy cover into the 25-50% range.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Red Pine		4	Log	14		Balsam Fir		
Balsam Fir		30	Pole	7	60	White Pine		
Black/Red (Hybrid) Oak		5	Log	12		Black/Red (Hybrid) Oak		
Red Maple		25	Log/Pole	11		Tag Alder		
Quaking Aspen		4	Pole	8		Willow spp.		
Paper Birch		2	Pole/Log	9				
White Pine		20	Log	11				
Bigtooth Aspen		10	Log	13				
68	42260 - Natural Pine, Mixed Deciduous	Sawtimber Well	32.6	60	111-140	N/A	This stand is a slight upland ridge. The species are variable, being heavy to red pine at the south end; more jack pine toward the north end; and white pine is present throughout.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Bigtooth Aspen		15	Pole/Log	8		Red Maple		
Jack Pine		3	Pole	7		Red Pine		
Red Pine		10	Log	14		White Pine		
Red Maple		15	Pole/Log	9		Tag Alder		
Black/Red (Hybrid) Oak		7	Log/Pole	12		Black/Red (Hybrid) Oak		
White Pine		50	Log	15	60			
69	3102 - Grass	Nonstocked	1.4	0	Unspecified	No	Cut under Mohawk Harvest 73-018-04. Overall well stocked aspen stand with sporadic lowland pockets that are heavier to alder and birch.	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																										
70	6112 - Lowland Aspen	Poletimber Well	22.6	45	111-140	N/A	The terrain is hummocky. There are several wet drainages present.																																										
<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>30</td> <td>Log/Pole</td> <td>11</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>20</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>40</td> <td>Pole</td> <td>8</td> <td>45</td> </tr> <tr> <td>White Pine</td> <td>5</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Pole</td> <td>5</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	30	Log/Pole	11		Quaking Aspen	20	Pole	7		Bigtooth Aspen	40	Pole	8	45	White Pine	5	Pole	8		Paper Birch	5	Pole	5		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Low</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Low	>20 feet	Sapling	White Pine	Medium	Variable	Sapling	Balsam Fir	Low	Variable	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																													
Red Maple	30	Log/Pole	11																																														
Quaking Aspen	20	Pole	7																																														
Bigtooth Aspen	40	Pole	8	45																																													
White Pine	5	Pole	8																																														
Paper Birch	5	Pole	5																																														
Sub-Canopy Species	Density	Avg. Height	Size																																														
Red Maple	Low	>20 feet	Sapling																																														
White Pine	Medium	Variable	Sapling																																														
Balsam Fir	Low	Variable	Sapling																																														
71	622 - Lowland Shrub	Nonstocked	0.8	0	Unspecified	No	Cut under "Pineway Aspen" 73-060-92. Well stocked aspen stand with scattered lowland alder thickets.																																										
72	3105 - Mixed Upland Herbaceous	Nonstocked	19.6			No	The stand has been heavily hit by beavers. It has been converted to a low density pine stand.																																										
74	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	6.2	41	81-110	N/A	Stand cut in 1983 "Red Oak Lane Sale" 73-025-83. Well stocked aspen stand with lowland inclusions. Minor component of pine species are found 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>Black/Red (Hybrid) Oak</td> <td>20</td> <td>Log</td> <td>16</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>5</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>10</td> <td>Log</td> <td>13</td> <td></td> </tr> <tr> <td>White Pine</td> <td>25</td> <td>Log</td> <td>16</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>5</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>35</td> <td>Log</td> <td>13</td> <td>41</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black/Red (Hybrid) Oak	20	Log	16		Red Pine	5	Log	14		Red Maple	10	Log	13		White Pine	25	Log	16		Jack Pine	5	Pole	8		Bigtooth Aspen	35	Log	13	41													
Canopy Species	% Cover	Size Class	DBH	Age																																													
Black/Red (Hybrid) Oak	20	Log	16																																														
Red Pine	5	Log	14																																														
Red Maple	10	Log	13																																														
White Pine	25	Log	16																																														
Jack Pine	5	Pole	8																																														
Bigtooth Aspen	35	Log	13	41																																													
75	622 - Lowland Shrub	Nonstocked	5.3	0	Unspecified	No																																											
76	42260 - Natural Pine, Mixed Deciduous	Poletimber Poor	10.8	39	1-50	N/A	The ground cover is mainly poverty grass with areas of blueberry. There are pockets of aspen and some conifers. The south end of the stand was burned in a wildfire (2002) and has regenerated to jack pine. The beaver have been impacting the aspen that is present. At the current time the crown closure is around 25%.																																										
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Bigtooth Aspen</td> <td>40</td> <td>Pole</td> <td>6</td> <td>39</td> </tr> <tr> <td>Jack Pine</td> <td>40</td> <td>Pole</td> <td>5</td> <td></td> </tr> <tr> <td>White Pine</td> <td>20</td> <td>Pole</td> <td>9</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Bigtooth Aspen	40	Pole	6	39	Jack Pine	40	Pole	5		White Pine	20	Pole	9		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Sweet Fern</td> <td>Low</td> <td>< 5 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Sweet Fern	Low	< 5 feet	Tall Shrub																		
Canopy Species	% Cover	Size Class	DBH	Age																																													
Bigtooth Aspen	40	Pole	6	39																																													
Jack Pine	40	Pole	5																																														
White Pine	20	Pole	9																																														
Sub-Canopy Species	Density	Avg. Height	Size																																														
Sweet Fern	Low	< 5 feet	Tall Shrub																																														
77	629 - Mixed non-forested wetland	Nonstocked	4.2			No	Large lowland tag alder thicket surrounded by a well stocked aspen stand.																																										
78	4130 - Aspen	Poletimber Well	71.6	39	81-110	N/A	The stand is well stocked overall. The western edge of the stand shows heavier beaver activity along the drainage leading to Secord Lake.																																										
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>34</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>60</td> <td>Pole</td> <td>6</td> <td>39</td> </tr> <tr> <td>Red Pine</td> <td>2</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>White Pine</td> <td>4</td> <td>Pole</td> <td>8</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	34	Pole	7		Bigtooth Aspen	60	Pole	6	39	Red Pine	2	Pole	7		White Pine	4	Pole	8		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Low	5 - 10 feet	Tall Shrub	White Pine	Low	10 - 20 feet	Sapling	Black/Red (Hybrid) Oak	Low	10 - 20 feet	Sapling					
Canopy Species	% Cover	Size Class	DBH	Age																																													
Quaking Aspen	34	Pole	7																																														
Bigtooth Aspen	60	Pole	6	39																																													
Red Pine	2	Pole	7																																														
White Pine	4	Pole	8																																														
Sub-Canopy Species	Density	Avg. Height	Size																																														
Tag Alder	Low	5 - 10 feet	Tall Shrub																																														
White Pine	Low	10 - 20 feet	Sapling																																														
Black/Red (Hybrid) Oak	Low	10 - 20 feet	Sapling																																														



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																												
79	622 - Lowland Shrub	Nonstocked	3.7	0	Unspecified	No	Stand cut under "Cedar Lake North" 73-036-89. Red pine, white pine and oak were left during harvest. Basal area is closer to 110 ba/acre in fully stocked areas. There are upland ridges sparsely stocked as well. The west side is more lowland than upland.																																																												
80	4319 - Mixed Upland Forest	Sawtimber Well	28.2	74	81-110	N/A	FACTOR LIMIT THE STAND FOR SCENIC VALUE ALONG THE TITTABAWASSEE RIVER. The aspen in the stand is declining and is being replaced by white pine, red pine, and balsam fir. Along the river the stand has a steep drop off. In addition to the decline in the aspen it is also being hit by beavers.																																																												
		<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>15</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>10</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>10</td> <td>Log</td> <td>16</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>5</td> <td>Log</td> <td>13</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>20</td> <td>Log</td> <td>12</td> <td></td> </tr> <tr> <td>White Pine</td> <td>35</td> <td>Log</td> <td>16</td> <td>74</td> </tr> <tr> <td>Jack Pine</td> <td>5</td> <td>Pole</td> <td>6</td> <td></td> </tr> </tbody> </table>	Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	15	Log	14		Balsam Fir	10	Pole	7		Black/Red (Hybrid) Oak	10	Log	16		Red Pine	5	Log	13		Bigtooth Aspen	20	Log	12		White Pine	35	Log	16	74	Jack Pine	5	Pole	6				<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Red Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>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	Balsam Fir	Low	Variable	Sapling	White Pine	Medium	Variable	Sapling	Red Pine	Low	Variable	Sapling	Tag Alder	Low	5 - 10 feet	Tall Shrub		
Canopy Species	% Cover	Size Class	DBH	Age																																																															
Red Maple	15	Log	14																																																																
Balsam Fir	10	Pole	7																																																																
Black/Red (Hybrid) Oak	10	Log	16																																																																
Red Pine	5	Log	13																																																																
Bigtooth Aspen	20	Log	12																																																																
White Pine	35	Log	16	74																																																															
Jack Pine	5	Pole	6																																																																
Sub-Canopy Species	Density	Avg. Height	Size																																																																
Balsam Fir	Low	Variable	Sapling																																																																
White Pine	Medium	Variable	Sapling																																																																
Red Pine	Low	Variable	Sapling																																																																
Tag Alder	Low	5 - 10 feet	Tall Shrub																																																																
81	42290 - Natural Mixed Pine	Poletimber Well	8.9	39	81-110	N/A	Stand has mainly come back to mixed pine. Narrow upland ridges with a lowland influence along the edges.																																																												
		<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Paper Birch</td> <td>5</td> <td>Pole</td> <td>5</td> <td></td> </tr> <tr> <td>White Pine</td> <td>20</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>15</td> <td>Pole</td> <td>7</td> <td>39</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>5</td> <td>Log/Pole</td> <td>11</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>35</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>20</td> <td>Log</td> <td>13</td> <td></td> </tr> </tbody> </table>	Canopy Species	% Cover	Size Class	DBH	Age	Paper Birch	5	Pole	5		White Pine	20	Log	14		Bigtooth Aspen	15	Pole	7	39	Black/Red (Hybrid) Oak	5	Log/Pole	11		Jack Pine	35	Pole	6		Red Pine	20	Log	13				<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Tag Alder</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>	Sub-Canopy Species	Density	Avg. Height	Size	Red Pine	Low	10 - 20 feet	Sapling	Bigtooth Aspen	Low	10 - 20 feet	Sapling	White Pine	Low	10 - 20 feet	Sapling	Tag Alder	Low	5 - 10 feet	Tall Shrub							
Canopy Species	% Cover	Size Class	DBH	Age																																																															
Paper Birch	5	Pole	5																																																																
White Pine	20	Log	14																																																																
Bigtooth Aspen	15	Pole	7	39																																																															
Black/Red (Hybrid) Oak	5	Log/Pole	11																																																																
Jack Pine	35	Pole	6																																																																
Red Pine	20	Log	13																																																																
Sub-Canopy Species	Density	Avg. Height	Size																																																																
Red Pine	Low	10 - 20 feet	Sapling																																																																
Bigtooth Aspen	Low	10 - 20 feet	Sapling																																																																
White Pine	Low	10 - 20 feet	Sapling																																																																
Tag Alder	Low	5 - 10 feet	Tall Shrub																																																																
82	6112 - Lowland Aspen	Poletimber Well	22.8	44	111-140	N/A	Retention islands left from Cove View Aspen sale, 73-010-12-01. Completed June 1, 2015. Aspen is now starting to decline with heavy maple regeneration and aspen in the understory.																																																												
		<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>49</td> <td>Pole/Sap/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>51</td> <td>Pole/Sap/Log</td> <td>8</td> <td>44</td> </tr> </tbody> </table>	Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	49	Pole/Sap/Log	9		Quaking Aspen	51	Pole/Sap/Log	8	44			<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Red Maple</td> <td>Medium</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Quaking Aspen</td> <td>Low</td> <td>>20 feet</td> <td>Sapling</td> </tr> </tbody> </table>	Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Medium	5 - 10 feet	Tall Shrub	Red Maple	Medium	>20 feet	Sapling	Quaking Aspen	Low	>20 feet	Sapling																															
Canopy Species	% Cover	Size Class	DBH	Age																																																															
Red Maple	49	Pole/Sap/Log	9																																																																
Quaking Aspen	51	Pole/Sap/Log	8	44																																																															
Sub-Canopy Species	Density	Avg. Height	Size																																																																
Tag Alder	Medium	5 - 10 feet	Tall Shrub																																																																
Red Maple	Medium	>20 feet	Sapling																																																																
Quaking Aspen	Low	>20 feet	Sapling																																																																
83	4130 - Aspen	Sapling Well	53.1	10	Immature	N/A	Clearcut in 2014 under Cove View Aspen 73-010-12. Fully stocked aspen 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>Bigtooth Aspen</td> <td>70</td> <td>Sapling</td> <td>2</td> <td>10</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>15</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>10</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Sapling</td> <td>1</td> <td></td> </tr> </tbody> </table>	Canopy Species	% Cover	Size Class	DBH	Age	Bigtooth Aspen	70	Sapling	2	10	Black/Red (Hybrid) Oak	15	Sapling	2		Red Maple	10	Sapling	2		Paper Birch	5	Sapling	1																																									
Canopy Species	% Cover	Size Class	DBH	Age																																																															
Bigtooth Aspen	70	Sapling	2	10																																																															
Black/Red (Hybrid) Oak	15	Sapling	2																																																																
Red Maple	10	Sapling	2																																																																
Paper Birch	5	Sapling	1																																																																



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																									
84	6112 - Lowland Aspen	Poletimber Medium	36.9	32	81-110	N/A	Stand is split 50/50 between uplands and lowlands. There are areas dominated by white pine, mainly in the northwestern portion of the stand. Small patch mature white pine in north central portion of stand. The southern finger contains more log sized oak and pine. Japanese barberry was also identified and reported. Cut under "Pineway Aspen" 73-060-92																																																									
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>55</td> <td>Pole</td> <td>6</td> <td>32</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>10</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>10</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>10</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>White Pine</td> <td>15</td> <td>Log</td> <td>14</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Quaking Aspen	55	Pole	6	32	Black/Red (Hybrid) Oak	10	Pole	8		Paper Birch	10	Pole	6		Red Maple	10	Pole	6		White Pine	15	Log	14		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Low</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Tag Alder</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	White Pine	Low	10 - 20 feet	Sapling	Red Maple	Low	>20 feet	Sapling	Tag Alder	Low	5 - 10 feet	Tall Shrub														
Canopy Species	% Cover	Size Class	DBH	Age																																																												
Quaking Aspen	55	Pole	6	32																																																												
Black/Red (Hybrid) Oak	10	Pole	8																																																													
Paper Birch	10	Pole	6																																																													
Red Maple	10	Pole	6																																																													
White Pine	15	Log	14																																																													
Sub-Canopy Species	Density	Avg. Height	Size																																																													
White Pine	Low	10 - 20 feet	Sapling																																																													
Red Maple	Low	>20 feet	Sapling																																																													
Tag Alder	Low	5 - 10 feet	Tall Shrub																																																													
85	6220 - Alder/willow	Nonstocked	1.8	0	Unspecified	No	Lowland tag alder thicket																																																									
86	6220 - Alder/willow	Nonstocked	3.9	0		No																																																										
87	6113 - Lowland Maple	Sawtimber Medium	5.2	87	81-110	N/A	Lowland drainage labeled as retention from previous harvest of young aspen stand. More aspen and oak in this finger than lowland drainage to the north.																																																									
<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>30</td> <td>Log</td> <td>12</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>60</td> <td>Log</td> <td>13</td> <td>87</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>10</td> <td>Log</td> <td>14</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Quaking Aspen	30	Log	12		Red Maple	60	Log	13	87	Black/Red (Hybrid) Oak	10	Log	14		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Low</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Tag Alder</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	White Pine	Low	5 - 10 feet	Sapling	Red Maple	Low	>20 feet	Sapling	Tag Alder	Low	5 - 10 feet	Tall Shrub																								
Canopy Species	% Cover	Size Class	DBH	Age																																																												
Quaking Aspen	30	Log	12																																																													
Red Maple	60	Log	13	87																																																												
Black/Red (Hybrid) Oak	10	Log	14																																																													
Sub-Canopy Species	Density	Avg. Height	Size																																																													
White Pine	Low	5 - 10 feet	Sapling																																																													
Red Maple	Low	>20 feet	Sapling																																																													
Tag Alder	Low	5 - 10 feet	Tall Shrub																																																													
101	4130 - Aspen	Sapling Well	14.6	11	Immature	N/A	A well stocked aspen stand sitting around 2-3" DBH on average. Stand is filling in well in the open pockets. Canopy oak are starting to show decline.																																																									
<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/Red (Hybrid) Oak</td> <td>2</td> <td>Log</td> <td>12</td> <td></td> </tr> <tr> <td>White Pine</td> <td>5</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>20</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>5</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>68</td> <td>Sapling</td> <td>2</td> <td>11</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Black/Red (Hybrid) Oak	2	Log	12		White Pine	5	Pole/Sapling	5		Quaking Aspen	20	Sapling	2		Black/Red (Hybrid) Oak	5	Sapling	1		Bigtooth Aspen	68	Sapling	2	11																																
Canopy Species	% Cover	Size Class	DBH	Age																																																												
Black/Red (Hybrid) Oak	2	Log	12																																																													
White Pine	5	Pole/Sapling	5																																																													
Quaking Aspen	20	Sapling	2																																																													
Black/Red (Hybrid) Oak	5	Sapling	1																																																													
Bigtooth Aspen	68	Sapling	2	11																																																												
102	6117 - Lowland Deciduous, Mixed Coniferous	Sawtimber Well	25.5	80	81-110	N/A	The terrain is hummocky. Overall the stand is low and wet. However, there is a portion of the stand that is upland. This portion is along the maintained wildlife opening. The south end is very wet. However the north end is not too bad. There is a drainage running through the stand.																																																									
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>10</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>10</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>15</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>2</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>5</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>White Pine</td> <td>2</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>46</td> <td>Log/Pole</td> <td>11</td> <td>80</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Quaking Aspen	10	Log	14		Bigtooth Aspen	10	Log	14		Balsam Fir	15	Pole	6		Paper Birch	2	Log/Pole	10		Black/Red (Hybrid) Oak	5	Log/Pole	10		White Pine	2	Log	14		Red Maple	46	Log/Pole	11	80	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>High</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Musclewood/Hornbeam</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Medium	10 - 20 feet	Sapling	Balsam Fir	High	>20 feet	Sapling	Black/Red (Hybrid) Oak	Low	5 - 10 feet	Sapling	Musclewood/Hornbeam	Low	10 - 20 feet	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																																												
Quaking Aspen	10	Log	14																																																													
Bigtooth Aspen	10	Log	14																																																													
Balsam Fir	15	Pole	6																																																													
Paper Birch	2	Log/Pole	10																																																													
Black/Red (Hybrid) Oak	5	Log/Pole	10																																																													
White Pine	2	Log	14																																																													
Red Maple	46	Log/Pole	11	80																																																												
Sub-Canopy Species	Density	Avg. Height	Size																																																													
Red Maple	Medium	10 - 20 feet	Sapling																																																													
Balsam Fir	High	>20 feet	Sapling																																																													
Black/Red (Hybrid) Oak	Low	5 - 10 feet	Sapling																																																													
Musclewood/Hornbeam	Low	10 - 20 feet	Sapling																																																													



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

103 4130 - Aspen Sapling Well 37.9 11 Immature N/A Well stocked immature aspen stand. Canopy openings are now filling in with aspen, pine and maple.

Canopy Species	% Cover	Size Class	DBH	Age
Bigtooth Aspen	56	Sapling	3	11
Black/Red (Hybrid) Oak	2	Log/Pole	14	
White Pine	2	Log/Pole	14	
Red Maple	10	Sapling	2	
Balsam Fir	10	Pole/Sapling	4	
Quaking Aspen	20	Sapling	3	

104 3102 - Grass Nonstocked 3.7 Managed Opening This is a maintained wildlife opening

105 4130 - Aspen Sawtimber Well 10.8 62 111-140 N/A Mature aspen stand with log sized oak. Access will need to come from the south through stand 113.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	3	Log/Pole	12		White Pine	Low	>20 feet	Sapling
Bigtooth Aspen	60	Log	12	62	Red Pine	Low	>20 feet	Sapling
White Pine	2	Log	14		Deciduous Shrubs	Low	5 - 10 feet	Tall Shrub
Black/Red (Hybrid) Oak	15	Log	14		Black/Red (Hybrid) Oak	Low	>20 feet	Sapling
Quaking Aspen	20	Pole/Log	9					

106 6128 - Lowland Coniferous, Mixed Deciduous Poletimber Well 13.5 82 141-170 N/A There is heavy wind throw in the northern end of the stand. However, there is some level of wind throw throughout the stand. The cedar is more common at the north and south ends. Ash and maple are more common in the central portion of the stand. In areas of lower density the regeneration of white pine and balsam fir is thick. Overall it is a very wet site. There is also a trace of beech and basswood.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	15	Pole/Sapling	5		Balsam Fir	High	10 - 20 feet	Sapling
Northern White Cedar	30	Pole/Log	8	82	White Pine	High	10 - 20 feet	Sapling
White Pine	25	Log/XLog	17		Tag Alder	Low	5 - 10 feet	Tall Shrub
Red Maple	20	Pole	6		Red Maple	Medium	>20 feet	Sapling

107 6132 - Mixed Lowland Forest with Cedar Sawtimber Well 27.6 96 111-140 N/A The stand has a creek running through it that has a well-defined bed and bank. There are numerous springs in the stand that feed into the creek. The percentage of hardwoods increases along the eastern edge. Overall the stand is a matrix of uplands and lowlands with the lowlands being the majority. In the areas of thick balsam fir there is evidence of high winter deer activity. The area southwest of the creek is very wet and converting red maple & balsam fir due to ash dieoff. This area is too wet to harvest.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Hemlock	5	Pole	7		Balsam Fir	High	>20 feet	Sapling
Bigtooth Aspen	5	Log	14		Deciduous Shrubs	Low	5 - 10 feet	Tall Shrub
Black/Red (Hybrid) Oak	5	Log	16		Black/Red (Hybrid) Oak	Low	10 - 20 feet	Sapling
Red Maple	40	Log/Pole	11	96	Red Maple	High	>20 feet	Sapling
White Oak	3	Log	16					
Balsam Fir	15	Pole/Sapling	5					
Paper Birch	2	Pole/Sapling	5					
Northern White Cedar	25	Pole/Log	9					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
108	6120 - Lowland Cedar	Poletimber Well	5.9	112	81-110	N/A	Lowland cedar stand with a drainage dominated by red maple logs now.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	30	Log/Pole	12		Red Maple	Low	>20 feet	Sapling
Northern White Cedar	50	Pole	7	112				
Bigtooth Aspen	5	Pole	5					
White Pine	15	XLog/Log	20					

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
109	4130 - Aspen	Poletimber Well	37.1	21	81-110	N/A	The stand is now fully stocked. When it was harvested some of the overstory trees were retain, most of them were oaks. The Boy Scout trail runs through the stand. Cut under "Gessey Marsh" 73-030-99, all oak, cedar, hemlock, red and white pine left during harvest.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	15	Pole/Sapling	5		Tag Alder	Low	5 - 10 feet	Tall Shrub
Red Oak	3	Log	14					
Red Oak	10	Sapling	4					
Red Pine	2	Log	14					
White Pine	2	Log	14					
Bigtooth Aspen	68	Pole	5	21				

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
110	6113 - Lowland Maple	Sawtimber Medium	4.1	86	81-110	N/A	

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	65	Log	12	86	Red Maple	Low	10 - 20 feet	Sapling
Paper Birch	10	Pole	7		Tag Alder	High	5 - 10 feet	Tall Shrub
Balsam Fir	5	Pole	6					
Bigtooth Aspen	10	Log	12					
Northern White Cedar	10	Log	10					

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
111	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Medium	30.8	86	51-80	N/A	Lowland drainage transitioning to a low basal area red maple lowland. The stand has a lot of old cedar stumps present. The stand looks like it was harvested a one time. However, there is no cedar regeneration present. The terrain is hummocky.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	25	Pole	6		Tag Alder	Low	5 - 10 feet	Tall Shrub
White Pine	3	Log	12		Red Maple	Low	10 - 20 feet	Sapling
Northern White Cedar	7	Pole	7		Balsam Fir	Low	10 - 20 feet	Sapling
Red Maple	40	Log	12	86				
Yellow Birch	3	Pole	6					
Paper Birch	7	Pole	6					

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
112	4130 - Aspen	Poletimber Well	18.5	21	51-80	N/A	Cut under "Gessey Marsh" 73-030-99 in 2003 & is starting to gain a measurable basal area.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen	40	Pole	5	21	Pin Cherry	Low	5 - 10 feet	Sapling
Black/Red (Hybrid) Oak	10	Pole	5					
Quaking Aspen	30	Pole	5					
Red Maple	20	Pole	6					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments	
113	4125 - Black, N. Pin Oak	Sawtimber Well	6.5	86	111-140	N/A	This stand is an upland ridge along a low swale. The swale has a creek running through it. The terrain is undulating.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Red Maple		20	Log/Pole	13		Witch Hazel		
Black/Red (Hybrid) Oak		50	Log/XLog	14	86	Black/Red (Hybrid) Oak		
White Oak		15	Log/XLog	14		Red Maple		
White Pine		15	Log	15		Balsam Fir		
						White Pine		
114	4125 - Black, N. Pin Oak	Sawtimber Well	4.9	71	81-110	N/A	The red oak in the stand is grade. The regeneration is mainly maple stump sprouts. The regeneration is about the same age as the stand to the north. The harvest has left the stand with a nice overstory of oak with a medium stocked red maple understory. The density of the stand is lower in the west end than in the east end.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
White Pine		3	Log	15		Witch Hazel		
White Oak		3	Log	13		Black/Red (Hybrid) Oak		
Red Pine		2	Log	16		Red Maple		
Black/Red (Hybrid) Oak		82	Log/XLog	16	71			
Red Maple		10	Pole/Sapling	5				
115	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Well	49.0	33	111-140	N/A	Stand clearcut in 1991 "73-036-89". Scattered white pine, red pine and oak were retained which are now log/xlog size class. Very diverse and high stocked stand with white pine, maple and aspen being the main components.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Bigtooth Aspen		15	Pole	6		White Pine		
Black/Red (Hybrid) Oak		2	XLog	18		Pin Cherry		
Quaking Aspen		15	Pole	6				
White Pine		3	XLog	18				
Black/Red (Hybrid) Oak		5	Pole	5				
Paper Birch		5	Pole	5				
Balsam Fir		3	Pole	6				
Red Maple		20	Pole	6				
Red Pine		2	Pole	5				
117	4136 - Aspen, Mixed Conifer	Poletimber Well	29.0	44	81-110	N/A	Stand clearcut in 1980 "73-034-80", except oak. The south and west side are comprised of ridges with aspen and oak while the north and east side are heavier to mixed pine and fir.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Bigtooth Aspen		35	Pole	8	44	White Pine		
Balsam Fir		15	Pole	7		Red Maple		
Black/Red (Hybrid) Oak		10	Log	12		Tag Alder		
Paper Birch		5	Pole	6		Black Cherry		
Red Pine		2	Log	16		Black/Red (Hybrid) Oak		
Red Maple		15	Pole/Log	9		Balsam Fir		
White Pine		3	Log	16				
Quaking Aspen		15	Pole	7				



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

120	4130 - Aspen	Poletimber Well	28.3	21	51-80	N/A	Cut under "Gessey Marsh" 73-030-99 in 2003. All cedar, hemlock, white and red pine left during harvest.
------------	--------------	-----------------	------	----	-------	-----	---

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen	23	Pole	5		Pin Cherry	Low	5 - 10 feet	Sapling
Red Maple	10	Pole/Sapling	5					
White Pine	2	XLog	20					
Quaking Aspen	65	Pole	5	21				

122	6118 - Lowland Deciduous with Cedar	Poletimber Well	6.3	92	81-110	N/A	The stand has heavy wind throw of cedar at the north end. It also has a thick understory of balsam fir. The stand looks to be wetter at the north and south ends. The terrain is hummocky. The stand is about 80% lowlands and much of that is too wet to manage.
------------	-------------------------------------	-----------------	-----	----	--------	-----	---

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	46	Log/Pole	12	92	White Pine	Low	10 - 20 feet	Sapling
White Oak	2	Log	13		Balsam Fir	Full	10 - 20 feet	Sapling
Paper Birch	5	Pole/Sapling	6		Red Maple	Medium	>20 feet	Sapling
Northern White Cedar	25	Pole/Log	9					
Quaking Aspen	5	Log	13					
Red Pine	2	Log/XLog	15					
White Pine	5	Log/XLog	18					
Black/Red (Hybrid) Oak	10	Log	13					

123	4139 - Aspen, Mixed Deciduous	Poletimber Well	36.4	41	81-110	N/A	Stand clearcut in 1983. Residual oak, red pine, white pine and jack pine left during previous harvest. Most of aspen and maple is now pole sized. Could benefit from 1 more cycle to increase diameter. Much heavier to log sized pine in the northern half.
------------	-------------------------------	-----------------	------	----	--------	-----	--

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	30	Pole	6		Pin Cherry	Low	5 - 10 feet	Sapling
Bigtooth Aspen	13	Pole	7		Black/Red (Hybrid) Oak	Low	5 - 10 feet	Sapling
Red Pine	2	Log	13		White Pine	Low	5 - 10 feet	Sapling
Black/Red (Hybrid) Oak	3	Log	16		Tag Alder	Low	5 - 10 feet	Tall Shrub
White Pine	10	Log	14	82	Balsam Fir	Low	10 - 20 feet	Sapling
Quaking Aspen	40	Pole	6	41	Paper Birch	Low	>20 feet	Sapling
Jack Pine	2	Log	11					

124	6131 - Hemlock, White Pine, Maple, Birch	Poletimber Medium	13.3	35	81-110	N/A	The northwest end was cut under "Cedar Lake North" 73-036-89. All red pine, white pine and oak were left during harvest.
------------	--	-------------------	------	----	--------	-----	--

Canopy Species	% Cover	Size Class	DBH	Age
Black/Red (Hybrid) Oak	20	Log	16	
Red Pine	10	Log	14	
Red Maple	25	Pole	6	
White Pine	35	Log	13	35
Bigtooth Aspen	10	Pole	6	

125	6120 - Lowland Cedar	Poletimber Well	15.6	134	51-80	N/A	Lowland cedar drainage with maple filling in.
------------	----------------------	-----------------	------	-----	-------	-----	---

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	25	Log/Pole	10	
Northern White Cedar	75	Pole/Log	9	134



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

126 4130 - Aspen Poletimber Well 35.6 21 51-80 N/A

Stand cut under "Gessey Marsh" 73-030-99. All cedar, hemlock, white and red pine left during harvest. Some pockets of medium stocking, but overall fully stocked. Scattered xlog red and white pine in canopy.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	10	Pole/Sapling	5		White Pine	Trace	5 - 10 feet	Sapling
White Pine	3	Log	15		Red Pine	Trace	5 - 10 feet	Sapling
Paper Birch	2	Sapling	4		Balsam Fir	Low	10 - 20 feet	Sapling
Red Pine	2	Log	14		Black/Red (Hybrid) Oak	Low	< 5 feet	Sapling
Bigtooth Aspen	58	Pole	5	21				
Black/Red (Hybrid) Oak	5	Sapling	3					
Quaking Aspen	20	Pole	5					

128 6128 - Lowland Coniferous, Mixed Deciduous Poletimber Well 11.8 85 111-140 N/A

Lowland mixed conifer stand with tip up mounds and hummocky ground.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	5	Pole	7		Paper Birch	Low	>20 feet	Sapling
Black/Red (Hybrid) Oak	5	Log	14		Red Maple	Low	>20 feet	Sapling
White Pine	35	Log	12	85	Tag Alder	Low	5 - 10 feet	Tall Shrub
Northern White Cedar	15	Pole	8		Balsam Fir	Low	10 - 20 feet	Sapling
Hemlock	5	Log	14					
Bigtooth Aspen	10	Log	14					
Red Maple	25	Pole	8					

131 4130 - Aspen Poletimber Well 34.0 32 51-80 N/A

Stand cut under "Cedar Lake North" 73-036-89. Red pine, white pine and oak were left during harvest. Well stocked stand on the ridges surround a lowland tag alder pocket.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	3	Pole/Sapling	5		Black/Red (Hybrid) Oak	Low	5 - 10 feet	Sapling
Quaking Aspen	25	Pole	6		Tag Alder	Low	5 - 10 feet	Tall Shrub
Red Maple	13	Pole	6		White Pine	Low	5 - 10 feet	Sapling
White Pine	2	XLog	22					
Bigtooth Aspen	55	Pole	5	32				
Black/Red (Hybrid) Oak	2	Log	14					

132 3102 - Grass Nonstocked 4.1 No

This is a maintained wildlife opening.

133 4130 - Aspen Poletimber Medium 41.7 32 81-110 N/A

Stand cut under "Cedar Lake North" 73-036-89. Red pine, white pine and oak were left during harvest. Basal area is closer to 110 ba/acre in fully stocked areas. There are upland ridges sparsely stocked as well. The west side is more lowland than upland.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen	5	Pole	7		Tag Alder	Low	5 - 10 feet	Tall Shrub
White Oak	3	Log	13		Paper Birch	Low	>20 feet	Sapling
Paper Birch	3	Pole	8		Musclewood/Hornbeam	Low	5 - 10 feet	Sapling
Quaking Aspen	59	Pole	7	32	Balsam Fir	Low	10 - 20 feet	Sapling
Red Maple	20	Pole	8		Witch Hazel	Low	10 - 20 feet	Tall Shrub
Balsam Fir	5	Pole	6					
Black/Red (Hybrid) Oak	5	Log	10					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																							
134	623 - Emergent Wetland	Nonstocked	5.9			No	Lowland drainage with scattered maple and low density of tag alder.																																							
		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Low</td> <td>>20 feet</td> <td>Log</td> </tr> <tr> <td>Tag Alder</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>				Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Low	>20 feet	Log	Tag Alder	Low	5 - 10 feet	Tall Shrub																													
Sub-Canopy Species	Density	Avg. Height	Size																																											
Red Maple	Low	>20 feet	Log																																											
Tag Alder	Low	5 - 10 feet	Tall Shrub																																											
136	4130 - Aspen	Poletimber Well	53.6	41	81-110	N/A	Stand clearcut in 1983. Pine and oak left for retention. The aspen and oak could hold for 1 more inventory cycle to increase basal area. Stand is variable going from pockets of aspen clones to areas heavier to natural red and white pine.																																							
		<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>10</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>10</td> <td>Log</td> <td>15</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>18</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>White Pine</td> <td>2</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>60</td> <td>Pole</td> <td>7</td> <td>41</td> </tr> </tbody> </table>				Canopy Species	% Cover	Size Class	DBH	Age	Black/Red (Hybrid) Oak	10	Log/Pole	10		Red Pine	10	Log	15		Red Maple	18	Pole	8		White Pine	2	Pole	7		Quaking Aspen	60	Pole	7	41											
Canopy Species	% Cover	Size Class	DBH	Age																																										
Black/Red (Hybrid) Oak	10	Log/Pole	10																																											
Red Pine	10	Log	15																																											
Red Maple	18	Pole	8																																											
White Pine	2	Pole	7																																											
Quaking Aspen	60	Pole	7	41																																										
		<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>Sapling</td> </tr> <tr> <td>Tag Alder</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Paper Birch</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>				Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Low	10 - 20 feet	Sapling	Tag Alder	Medium	5 - 10 feet	Tall Shrub	Black/Red (Hybrid) Oak	Low	10 - 20 feet	Sapling	Paper Birch	Low	10 - 20 feet	Sapling																					
Sub-Canopy Species	Density	Avg. Height	Size																																											
Balsam Fir	Low	10 - 20 feet	Sapling																																											
Tag Alder	Medium	5 - 10 feet	Tall Shrub																																											
Black/Red (Hybrid) Oak	Low	10 - 20 feet	Sapling																																											
Paper Birch	Low	10 - 20 feet	Sapling																																											
137	4310 - Pine, Oak Mix	Sawtimber Well	6.8	89	81-110	N/A	The stand's understory of maple is mainly multi stemmed. The white pine size varies from extra-large sawlogs at the north end to a mixture of poles and logs at the south end. This stand lies next to a beaver flooding. Therefore, much of the aspen has been removed and what is left is declining. Red maple poles are beginning to recruit. In the past the stand looks like it had the hardwoods removed.																																							
		<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>50</td> <td>Log</td> <td>14</td> <td>89</td> </tr> <tr> <td>Red Pine</td> <td>2</td> <td>Log</td> <td>12</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>19</td> <td>Log</td> <td>11</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>2</td> <td>Pole/Log</td> <td>10</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>2</td> <td>Pole</td> <td>5</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>20</td> <td>Log</td> <td>16</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>5</td> <td>Pole</td> <td>6</td> <td></td> </tr> </tbody> </table>				Canopy Species	% Cover	Size Class	DBH	Age	White Pine	50	Log	14	89	Red Pine	2	Log	12		Red Maple	19	Log	11		Quaking Aspen	2	Pole/Log	10		Paper Birch	2	Pole	5		Black/Red (Hybrid) Oak	20	Log	16		Balsam Fir	5	Pole	6		
Canopy Species	% Cover	Size Class	DBH	Age																																										
White Pine	50	Log	14	89																																										
Red Pine	2	Log	12																																											
Red Maple	19	Log	11																																											
Quaking Aspen	2	Pole/Log	10																																											
Paper Birch	2	Pole	5																																											
Black/Red (Hybrid) Oak	20	Log	16																																											
Balsam Fir	5	Pole	6																																											
		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Deciduous Shrubs</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>White Oak</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Medium</td> <td>>20 feet</td> <td>Pole</td> </tr> <tr> <td>Red Pine</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>				Sub-Canopy Species	Density	Avg. Height	Size	Deciduous Shrubs	Low	5 - 10 feet	Tall Shrub	White Oak	Medium	10 - 20 feet	Sapling	Balsam Fir	Low	10 - 20 feet	Sapling	Red Maple	Medium	>20 feet	Pole	Red Pine	Low	5 - 10 feet	Sapling																	
Sub-Canopy Species	Density	Avg. Height	Size																																											
Deciduous Shrubs	Low	5 - 10 feet	Tall Shrub																																											
White Oak	Medium	10 - 20 feet	Sapling																																											
Balsam Fir	Low	10 - 20 feet	Sapling																																											
Red Maple	Medium	>20 feet	Pole																																											
Red Pine	Low	5 - 10 feet	Sapling																																											
138	3302 - Low Density Conifer Trees	Nonstocked	3.9			Immature	No	Stand cut under "Gessey Marsh" 73-030-99 in 2003. Due to small stand size the regeneration failed and is now sparsely stocked.																																						
		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>Trace</td> <td>5 - 10 feet</td> <td>Pole</td> </tr> <tr> <td>Balsam Fir</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Trace</td> <td>< 5 feet</td> <td>Sapling</td> </tr> </tbody> </table>				Sub-Canopy Species	Density	Avg. Height	Size	White Pine	Trace	5 - 10 feet	Pole	Balsam Fir	Low	5 - 10 feet	Sapling	Black/Red (Hybrid) Oak	Trace	< 5 feet	Sapling																									
Sub-Canopy Species	Density	Avg. Height	Size																																											
White Pine	Trace	5 - 10 feet	Pole																																											
Balsam Fir	Low	5 - 10 feet	Sapling																																											
Black/Red (Hybrid) Oak	Trace	< 5 feet	Sapling																																											
139	500 - Water	Nonstocked	7.9				No	Beaver pond with activity in the adjacent stands.																																						
140	500 - Water	Nonstocked	21.7				No																																							



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

142 4133 - Aspen, Mixed Pine Poletimber Medium 11.2 22 51-80 N/A Stand cut under "Rutledge Access" 73-031-99. No cedar or hemlock were cut within 100' of Drummond road. All cedar, hemlock, white pine and balsam fir were left during harvest.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	45	Pole/Sapling	5	22	Willow spp.	Low	5 - 10 feet	Tall Shrub
Balsam Fir	15	Pole/Sapling	5		Tag Alder	Low	5 - 10 feet	Tall Shrub
Northern White Cedar	5	Pole	8					
White Pine	10	Pole	6					
Black/Red (Hybrid) Oak	5	Pole/Sapling	5					
White Pine	10	Log	12	88				
Bigtooth Aspen	10	Pole/Sapling	5					

144 4132 - Aspen, Jack Pine Sapling Well 59.9 22 Immature N/A Stand cut under "Rutledge Access" 73-031-99. All cedar and hemlock was left during harvest. The stand is a matrix of uplands and lowlands with the uplands being the majority. The regeneration is a patchy mix that goes from pines, oak, aspen and to cattails / lowland shrubs.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	10	Sapling	3		Willow spp.	Medium	5 - 10 feet	Tall Shrub
White Pine	10	Pole/Sapling	5		Tag Alder	Medium	5 - 10 feet	Tall Shrub
Jack Pine	20	Pole/Sapling	5					
Red Maple	3	Pole/Sapling	5					
Paper Birch	2	Sapling	1					
Quaking Aspen	30	Sapling	4	22				
Bigtooth Aspen	10	Sapling	3					
Black/Red (Hybrid) Oak	15	Sapling	3					

145 42200 - Natural White Pine Sawtimber Well 6.5 89 111-140 N/A Narrow white pine ridge. Low pockets filled with red maple saplings. White pine ranging from 10-18" DBH.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	2	Pole	5		Black/Red (Hybrid) Oak	Low	5 - 10 feet	Sapling
Bigtooth Aspen	5	Log/Pole	12		Red Maple	Low	>20 feet	Sapling
Black/Red (Hybrid) Oak	3	Log	14		Deciduous Shrubs	Low	5 - 10 feet	Tall Shrub
Red Maple	10	Pole/Sap/Log	8		White Pine	Low	5 - 10 feet	Sapling
White Pine	80	Log/XLog	16	89				

146 6112 - Lowland Aspen Sapling Medium 36.0 8 Immature N/A Stand harvested in 2017 under Buck Bolt Mix sale 73-007-16. All pine was left during harvest. Stand has patchy regeneration and wet pockets heavier to willow.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	10	Sapling	4		Tag Alder	Low	5 - 10 feet	Tall Shrub
Bigtooth Aspen	65	Sapling	3	8	Willow spp.	Low	5 - 10 feet	Sapling
White Pine	10	Log	11					
Paper Birch	10	Sapling	2					
Black/Red (Hybrid) Oak	5	Sapling	3					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																				
148	6113 - Lowland Maple	Sawtimber Poor	3.7	83	1-50	N/A	Stand has converted to red maple now that the ash has died off.																																																																				
<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>85</td> <td>Log/Pole</td> <td>11</td> <td>83</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>5</td> <td>Log</td> <td>12</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>10</td> <td>Pole</td> <td>6</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	85	Log/Pole	11	83	Black/Red (Hybrid) Oak	5	Log	12		Paper Birch	10	Pole	6		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>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																																																																							
Red Maple	85	Log/Pole	11	83																																																																							
Black/Red (Hybrid) Oak	5	Log	12																																																																								
Paper Birch	10	Pole	6																																																																								
Sub-Canopy Species	Density	Avg. Height	Size																																																																								
Tag Alder	Low	5 - 10 feet	Tall Shrub																																																																								
149	310 - Herbaceous Openland	Nonstocked	2.4			Managed Opening	Managed wildlife opening.																																																																				
150	4133 - Aspen, Mixed Pine	Poletimber Medium	44.3	32	81-110	N/A	Stand cut under "Cedar Lake North" 73-036-89. Red pine, white pine and oak were left during harvest. Stand consists of upland ridges, some of which are sparsely vegetated.																																																																				
<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>5</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>20</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>40</td> <td>Pole</td> <td>6</td> <td>32</td> </tr> <tr> <td>Jack Pine</td> <td>10</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>5</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>5</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>White Pine</td> <td>15</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Pine	5	Pole/Log	9		Red Maple	20	Pole	7		Quaking Aspen	40	Pole	6	32	Jack Pine	10	Pole	7		Bigtooth Aspen	5	Pole	6		Black/Red (Hybrid) Oak	5	Sapling	2		White Pine	15	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> <tr> <td>Balsam Fir</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Witch Hazel</td> <td>Low</td> <td>10 - 20 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Low</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Low	5 - 10 feet	Tall Shrub	Balsam Fir	Low	10 - 20 feet	Sapling	Witch Hazel	Low	10 - 20 feet	Tall Shrub	Black/Red (Hybrid) Oak	Low	5 - 10 feet	Sapling	Red Maple	Low	>20 feet	Sapling	White Pine	Low	5 - 10 feet	Sapling				
Canopy Species	% Cover	Size Class	DBH	Age																																																																							
Red Pine	5	Pole/Log	9																																																																								
Red Maple	20	Pole	7																																																																								
Quaking Aspen	40	Pole	6	32																																																																							
Jack Pine	10	Pole	7																																																																								
Bigtooth Aspen	5	Pole	6																																																																								
Black/Red (Hybrid) Oak	5	Sapling	2																																																																								
White Pine	15	Pole/Log	8																																																																								
Sub-Canopy Species	Density	Avg. Height	Size																																																																								
Tag Alder	Low	5 - 10 feet	Tall Shrub																																																																								
Balsam Fir	Low	10 - 20 feet	Sapling																																																																								
Witch Hazel	Low	10 - 20 feet	Tall Shrub																																																																								
Black/Red (Hybrid) Oak	Low	5 - 10 feet	Sapling																																																																								
Red Maple	Low	>20 feet	Sapling																																																																								
White Pine	Low	5 - 10 feet	Sapling																																																																								
152	42201 - Natural White Pine, Mixed Deciduous	Sawtimber Well	13.4	88	111-140	N/A	Large diameter white pine stand with heavy wildlife use. Low stocking of white pine seedlings. Recommend to thin stand once adjacent aspen stands meet silvicultural criteria. Stand cut under "Rutledge Access" 73-031-99. All cedar, hemlock, white pine and red pine were left during harvest.																																																																				
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>20</td> <td>Pole/Sapling</td> <td>5</td> <td>22</td> </tr> <tr> <td>Quaking Aspen</td> <td>10</td> <td>Sapling/Pole</td> <td>4</td> <td>15</td> </tr> <tr> <td>White Pine</td> <td>65</td> <td>Log</td> <td>14</td> <td>88</td> </tr> <tr> <td>Northern White Cedar</td> <td>2</td> <td>Pole</td> <td>7</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	20	Pole/Sapling	5	22	Quaking Aspen	10	Sapling/Pole	4	15	White Pine	65	Log	14	88	Northern White Cedar	2	Pole	7		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Tag Alder</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	White Pine	Medium	5 - 10 feet	Sapling	Black/Red (Hybrid) Oak	Low	5 - 10 feet	Sapling	Red Maple	Low	10 - 20 feet	Sapling	Tag Alder	Low	5 - 10 feet	Tall Shrub																											
Canopy Species	% Cover	Size Class	DBH	Age																																																																							
Red Maple	20	Pole/Sapling	5	22																																																																							
Quaking Aspen	10	Sapling/Pole	4	15																																																																							
White Pine	65	Log	14	88																																																																							
Northern White Cedar	2	Pole	7																																																																								
Sub-Canopy Species	Density	Avg. Height	Size																																																																								
White Pine	Medium	5 - 10 feet	Sapling																																																																								
Black/Red (Hybrid) Oak	Low	5 - 10 feet	Sapling																																																																								
Red Maple	Low	10 - 20 feet	Sapling																																																																								
Tag Alder	Low	5 - 10 feet	Tall Shrub																																																																								
153	500 - Water	Nonstocked	12.7			No	Beaver pond with current activity.																																																																				
154	6112 - Lowland Aspen	Poletimber Well	57.7	32	Immature	N/A	Stand cut under "Cedar Lake North" 73-036-89. Red pine, white pine and oak were left during harvest. Areas heavier to white pine in the canopy are coming back more towards pine and maple.																																																																				
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>1</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>40</td> <td>Pole</td> <td>6</td> <td>32</td> </tr> <tr> <td>Red Maple</td> <td>15</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>12</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>10</td> <td>Pole</td> <td>5</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>2</td> <td>XLog</td> <td>18</td> <td></td> </tr> <tr> <td>White Pine</td> <td>20</td> <td>Log/Pole</td> <td>14</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Pine	1	Log	14		Bigtooth Aspen	40	Pole	6	32	Red Maple	15	Pole	6		Black/Red (Hybrid) Oak	12	Pole	6		Paper Birch	10	Pole	5		Black/Red (Hybrid) Oak	2	XLog	18		White Pine	20	Log/Pole	14		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Low</td> <td>< 5 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Tag Alder</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Black/Red (Hybrid) Oak	Low	< 5 feet	Sapling	White Pine	Low	5 - 10 feet	Sapling	Red Maple	Low	10 - 20 feet	Sapling	Tag Alder	Low	5 - 10 feet	Tall Shrub												
Canopy Species	% Cover	Size Class	DBH	Age																																																																							
Red Pine	1	Log	14																																																																								
Bigtooth Aspen	40	Pole	6	32																																																																							
Red Maple	15	Pole	6																																																																								
Black/Red (Hybrid) Oak	12	Pole	6																																																																								
Paper Birch	10	Pole	5																																																																								
Black/Red (Hybrid) Oak	2	XLog	18																																																																								
White Pine	20	Log/Pole	14																																																																								
Sub-Canopy Species	Density	Avg. Height	Size																																																																								
Black/Red (Hybrid) Oak	Low	< 5 feet	Sapling																																																																								
White Pine	Low	5 - 10 feet	Sapling																																																																								
Red Maple	Low	10 - 20 feet	Sapling																																																																								
Tag Alder	Low	5 - 10 feet	Tall Shrub																																																																								
155	623 - Emergent Wetland	Nonstocked	16.9			No																																																																					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																													
156	4130 - Aspen	Poletimber Well	18.7	32	81-110	N/A	Overall upland with lowland tag alder pockets scattered throughout. Trace white pine. Stand is starting to increase in basal area.																																													
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>20</td> <td>Pole</td> <td>5</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>2</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>43</td> <td>Pole</td> <td>6</td> <td>32</td> </tr> <tr> <td>Quaking Aspen</td> <td>35</td> <td>Pole</td> <td>6</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	20	Pole	5		Black/Red (Hybrid) Oak	2	Pole	6		Bigtooth Aspen	43	Pole	6	32	Quaking Aspen	35	Pole	6		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Low	5 - 10 feet	Tall Shrub																
Canopy Species	% Cover	Size Class	DBH	Age																																																
Red Maple	20	Pole	5																																																	
Black/Red (Hybrid) Oak	2	Pole	6																																																	
Bigtooth Aspen	43	Pole	6	32																																																
Quaking Aspen	35	Pole	6																																																	
Sub-Canopy Species	Density	Avg. Height	Size																																																	
Tag Alder	Low	5 - 10 feet	Tall Shrub																																																	
158	3102 - Grass	Nonstocked	3.4			Managed Opening	Maintained wildlife opening																																													
161	4130 - Aspen	Sapling Medium	41.2	11	Immature	N/A	The stand is regenerating fairly well. Openings are beginning to fill in with white pine saplings. The deer browse is lower here than in the cut to the east.																																													
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>20</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>54</td> <td>Sapling</td> <td>2</td> <td>11</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>2</td> <td>Log</td> <td>13</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>5</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>White Pine</td> <td>5</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>10</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>White Pine</td> <td>2</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>White Oak</td> <td>2</td> <td>Log</td> <td>14</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	20	Sapling	2		Bigtooth Aspen	54	Sapling	2	11	Black/Red (Hybrid) Oak	2	Log	13		Balsam Fir	5	Sapling	2		White Pine	5	Sapling	2		Red Maple	10	Sapling	2		White Pine	2	Log	14		White Oak	2	Log	14							
Canopy Species	% Cover	Size Class	DBH	Age																																																
Quaking Aspen	20	Sapling	2																																																	
Bigtooth Aspen	54	Sapling	2	11																																																
Black/Red (Hybrid) Oak	2	Log	13																																																	
Balsam Fir	5	Sapling	2																																																	
White Pine	5	Sapling	2																																																	
Red Maple	10	Sapling	2																																																	
White Pine	2	Log	14																																																	
White Oak	2	Log	14																																																	
163	6113 - Lowland Maple	Poletimber Well	17.2	88	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>75</td> <td>Log/Pole</td> <td>11</td> <td>88</td> </tr> <tr> <td>White Pine</td> <td>5</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>5</td> <td>Pole/Log/Sap</td> <td>12</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>15</td> <td>Pole</td> <td>6</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	75	Log/Pole	11	88	White Pine	5	Log	14		Black/Red (Hybrid) Oak	5	Pole/Log/Sap	12		Balsam Fir	15	Pole	6		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Balsam Fir</td> <td>Full</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Low	5 - 10 feet	Tall Shrub	Balsam Fir	Full	Variable	Sapling												
Canopy Species	% Cover	Size Class	DBH	Age																																																
Red Maple	75	Log/Pole	11	88																																																
White Pine	5	Log	14																																																	
Black/Red (Hybrid) Oak	5	Pole/Log/Sap	12																																																	
Balsam Fir	15	Pole	6																																																	
Sub-Canopy Species	Density	Avg. Height	Size																																																	
Tag Alder	Low	5 - 10 feet	Tall Shrub																																																	
Balsam Fir	Full	Variable	Sapling																																																	
164	629 - Mixed non-forested wetland	Nonstocked	49.5			No	The stand is mainly made up of two old beaver flooding. They have drained down but are still very wet, Scattered maple along the edges.																																													
165	6113 - Lowland Maple	Sawtimber Well	9.1	84	51-80	N/A	The stand is a matrix of uplands and lowlands with the lowlands being the majority. There are pockets where beaver have knocked down all canopy trees.																																													
<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>60</td> <td>Log/Pole</td> <td>13</td> <td>84</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>10</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>20</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>10</td> <td>Log</td> <td>12</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	60	Log/Pole	13	84	Black/Red (Hybrid) Oak	10	Log/Pole	12		Balsam Fir	20	Pole	6		Bigtooth Aspen	10	Log	12		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Tag Alder</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Low	Variable	Sapling	Tag Alder	Medium	5 - 10 feet	Tall Shrub	Balsam Fir	Medium	Variable	Sapling								
Canopy Species	% Cover	Size Class	DBH	Age																																																
Red Maple	60	Log/Pole	13	84																																																
Black/Red (Hybrid) Oak	10	Log/Pole	12																																																	
Balsam Fir	20	Pole	6																																																	
Bigtooth Aspen	10	Log	12																																																	
Sub-Canopy Species	Density	Avg. Height	Size																																																	
Red Maple	Low	Variable	Sapling																																																	
Tag Alder	Medium	5 - 10 feet	Tall Shrub																																																	
Balsam Fir	Medium	Variable	Sapling																																																	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																									
201	6123 - Lowland Fir	Poletimber Medium	17.5	90	81-110	N/A	The stand is a matrix of uplands and lowlands with the lowlands being around 75%. There are areas in the stand that are too wet to harvest. The lowlands have a variety of deciduous shrubs including tag alder and red osier dogwood. The upland areas have a thick balsam fir understory. There is a brush line and survey corners along the south edge of the stand. There is also a survey corner at the northwest corner that ties into a wire fence.																																																									
<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>20</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>15</td> <td>Log/Pole</td> <td>11</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>5</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>60</td> <td>Pole</td> <td>7</td> <td>90</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Quaking Aspen	20	Log	14		Red Maple	15	Log/Pole	11		Black/Red (Hybrid) Oak	5	Log/Pole	12		Balsam Fir	60	Pole	7	90	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>High</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Musclewood/Hornbeam</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>>20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	High	5 - 10 feet	Tall Shrub	Musclewood/Hornbeam	Low	10 - 20 feet	Sapling	Balsam Fir	Medium	>20 feet	Sapling																			
Canopy Species	% Cover	Size Class	DBH	Age																																																												
Quaking Aspen	20	Log	14																																																													
Red Maple	15	Log/Pole	11																																																													
Black/Red (Hybrid) Oak	5	Log/Pole	12																																																													
Balsam Fir	60	Pole	7	90																																																												
Sub-Canopy Species	Density	Avg. Height	Size																																																													
Tag Alder	High	5 - 10 feet	Tall Shrub																																																													
Musclewood/Hornbeam	Low	10 - 20 feet	Sapling																																																													
Balsam Fir	Medium	>20 feet	Sapling																																																													
203	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	9.5	48	81-110	N/A	Upland mixed deciduous stand with a lowland component. Heavy balsam fir in areas. Access for commercial harvest will be difficult. No access from the west & did not find any feasible access from the east.																																																									
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Northern Pin Oak</td> <td>2</td> <td>Log</td> <td>13</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>39</td> <td>Log</td> <td>14</td> <td>48</td> </tr> <tr> <td>Red Maple</td> <td>33</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>26</td> <td>Pole</td> <td>5</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Northern Pin Oak	2	Log	13		Quaking Aspen	39	Log	14	48	Red Maple	33	Log/Pole	12		Balsam Fir	26	Pole	5		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Low</td> <td>>20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Medium	>20 feet	Sapling	Red Maple	Low	>20 feet	Sapling																							
Canopy Species	% Cover	Size Class	DBH	Age																																																												
Northern Pin Oak	2	Log	13																																																													
Quaking Aspen	39	Log	14	48																																																												
Red Maple	33	Log/Pole	12																																																													
Balsam Fir	26	Pole	5																																																													
Sub-Canopy Species	Density	Avg. Height	Size																																																													
Balsam Fir	Medium	>20 feet	Sapling																																																													
Red Maple	Low	>20 feet	Sapling																																																													
204	6128 - Lowland Coniferous, Mixed Deciduous	Sawtimber Medium	19.2	48	81-110	N/A	Stand has transitioned to a mixed pine/fir cover type. There is a small component of mixed deciduous. Stand may be too wet for commercial harvest and access is unknown.																																																									
<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>20</td> <td>Pole</td> <td>9</td> <td></td> </tr> <tr> <td>Northern Pin Oak</td> <td>2</td> <td>Log</td> <td>12</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>32</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>White Pine</td> <td>36</td> <td>Log</td> <td>13</td> <td>48</td> </tr> <tr> <td>Paper Birch</td> <td>3</td> <td>Pole</td> <td>5</td> <td></td> </tr> <tr> <td>Black Cherry</td> <td>2</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>5</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Quaking Aspen	20	Pole	9		Northern Pin Oak	2	Log	12		Balsam Fir	32	Pole	6		White Pine	36	Log	13	48	Paper Birch	3	Pole	5		Black Cherry	2	Pole	6		Red Maple	5	Pole/Log	9		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Low</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Tag Alder</td> <td>Low</td> <td>10 - 20 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Low	>20 feet	Sapling	White Pine	Low	>20 feet	Sapling	Balsam Fir	Medium	10 - 20 feet	Sapling	Tag Alder	Low	10 - 20 feet	Tall Shrub
Canopy Species	% Cover	Size Class	DBH	Age																																																												
Quaking Aspen	20	Pole	9																																																													
Northern Pin Oak	2	Log	12																																																													
Balsam Fir	32	Pole	6																																																													
White Pine	36	Log	13	48																																																												
Paper Birch	3	Pole	5																																																													
Black Cherry	2	Pole	6																																																													
Red Maple	5	Pole/Log	9																																																													
Sub-Canopy Species	Density	Avg. Height	Size																																																													
Red Maple	Low	>20 feet	Sapling																																																													
White Pine	Low	>20 feet	Sapling																																																													
Balsam Fir	Medium	10 - 20 feet	Sapling																																																													
Tag Alder	Low	10 - 20 feet	Tall Shrub																																																													
205	3103 - Rubus-Fern	Nonstocked	7.1			No	Upland bare island with scattered white pine and a few oak.																																																									
207	6239 - Mixed Emergent Wetland	Nonstocked	20.1			No																																																										
209	6220 - Alder/willow	Nonstocked	6.9			No	Lowland drainage heavy to tag alder and willow.																																																									
210	42200 - Natural White Pine	Sawtimber Poor	7.3	32	51-80	N/A	Open grown stand that is not regenerating well. Areas of lowland tag alder with upland patches of branchy white pine and mixed hardwood. Recommend treating with adjacent aspen stand once aspen meets silvicultural criteria.																																																									
<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/Red (Hybrid) Oak</td> <td>5</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>5</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>White Pine</td> <td>70</td> <td>Log</td> <td>13</td> <td>32</td> </tr> <tr> <td>Red Maple</td> <td>15</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>5</td> <td>Pole</td> <td>9</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Black/Red (Hybrid) Oak	5	Pole	8		Quaking Aspen	5	Pole	8		White Pine	70	Log	13	32	Red Maple	15	Pole/Log	9		Balsam Fir	5	Pole	9		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Low</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Low	>20 feet	Sapling	White Pine	Low	10 - 20 feet	Sapling																		
Canopy Species	% Cover	Size Class	DBH	Age																																																												
Black/Red (Hybrid) Oak	5	Pole	8																																																													
Quaking Aspen	5	Pole	8																																																													
White Pine	70	Log	13	32																																																												
Red Maple	15	Pole/Log	9																																																													
Balsam Fir	5	Pole	9																																																													
Sub-Canopy Species	Density	Avg. Height	Size																																																													
Red Maple	Low	>20 feet	Sapling																																																													
White Pine	Low	10 - 20 feet	Sapling																																																													



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

211 629 - Mixed non-forested wetland Nonstocked 22.3 No Lowland alder with multiple stages of beaver ponds & dams.

212 6113 - Lowland Maple Sawtimber Poor 3.5 48 1-50 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	3	Pole	7		Tag Alder	High	10 - 20 feet	Tall Shrub
Quaking Aspen	10	Log	15		Willow spp.	Low	5 - 10 feet	Tall Shrub
Balsam Fir	2	Pole	5					
White Pine	5	Pole	8					
Red Maple	80	Log/Pole	11	48				

213 6112 - Lowland Aspen Sapling Medium 58.1 15 Immature N/A

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	10	Sapling	4	
Quaking Aspen	40	Sapling	2	15
Black/Red (Hybrid) Oak	10	Log/Pole	12	
White Pine	20	Log/Pole	12	
Paper Birch	5	Sapling	4	
Balsam Fir	15	Pole	6	

This stand is a matrix of uplands and lowlands with the lowlands being around 60%. The stand was harvested as a 4" DBH clearcut with all the oak and pine left, unless marked with orange paint. The regeneration is patchy with some areas being very dense and other areas being non-forested. Deer browse is heavy in some areas. Cut under Mohawk Harvest 73-018-04

214 42200 - Natural White Pine Sawtimber Well 5.1 51 111-140 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	3	Log/Pole	11		White Pine	Low	>20 feet	Sapling
Black/Red (Hybrid) Oak	6	Log	13		Black/Red (Hybrid) Oak	Low	10 - 20 feet	Sapling
White Pine	80	Log	14	51	Red Pine	Low	10 - 20 feet	Sapling
Jack Pine	3	Pole	7					
Red Pine	8	Log	16					

Natural white pine stand averaging around 140 basal area. Portions of the stand are higher in basal area.

216 4130 - Aspen Poletimber Medium 11.1 32 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	2	Pole	6	
White Pine	10	Log/Pole	12	
Bigtooth Aspen	67	Pole	7	32
Red Maple	8	Pole/Log	9	
Black/Red (Hybrid) Oak	5	Log	12	
Paper Birch	3	Pole	8	
Tamarack	5	Pole	6	

Cut under "Pineway Aspen" 73-060-92. Overall a well-stocked aspen stand with a few scattered small openings. There is a lowland drainage in the SW portion of the stand.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																			
218	4319 - Mixed Upland Forest	Poletimber Medium	11.6	32	111-140	N/A	L type drain through west end. Some good dense bigtooth aspen clones, rest conifers. Some oak. Trace of tamarack. Cut under "Pineway Aspen" 73-060-92																																																			
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>30</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>25</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>35</td> <td>Pole</td> <td>6</td> <td>32</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>10</td> <td>Pole</td> <td>6</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	White Pine	30	Pole	7		Balsam Fir	25	Pole	6		Bigtooth Aspen	35	Pole	6	32	Black/Red (Hybrid) Oak	10	Pole	6		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>Low</td> <td>10 - 20 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Low	10 - 20 feet	Tall Shrub	White Pine	Low	10 - 20 feet	Sapling																		
Canopy Species	% Cover	Size Class	DBH	Age																																																						
White Pine	30	Pole	7																																																							
Balsam Fir	25	Pole	6																																																							
Bigtooth Aspen	35	Pole	6	32																																																						
Black/Red (Hybrid) Oak	10	Pole	6																																																							
Sub-Canopy Species	Density	Avg. Height	Size																																																							
Tag Alder	Low	10 - 20 feet	Tall Shrub																																																							
White Pine	Low	10 - 20 feet	Sapling																																																							
219	6230 - Cattail	Nonstocked	3.5			No	Creek bed with tall grass and tag alder																																																			
220	6220 - Alder/willow	Nonstocked	8.7			No	Tag alder thicket with sporadic white pine. Overall too wet for any commercial treatment.																																																			
221	4133 - Aspen, Mixed Pine	Poletimber Well	12.1	32	81-110	N/A	Cut under "Pineway Aspen" 73-060-92. Well stocked aspen stand with a heavier mix of white pine in the northern portion.																																																			
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Bigtooth Aspen</td> <td>50</td> <td>Pole</td> <td>6</td> <td>32</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>10</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>9</td> <td>Pole</td> <td>5</td> <td></td> </tr> <tr> <td>White Pine</td> <td>31</td> <td>Log/Pole</td> <td>13</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Bigtooth Aspen	50	Pole	6	32	Black/Red (Hybrid) Oak	10	Pole	6		Balsam Fir	9	Pole	5		White Pine	31	Log/Pole	13		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Low</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Black/Red (Hybrid) Oak	Low	5 - 10 feet	Sapling	White Pine	Low	10 - 20 feet	Sapling	Red Maple	Low	>20 feet	Sapling	Balsam Fir	Low	10 - 20 feet	Sapling										
Canopy Species	% Cover	Size Class	DBH	Age																																																						
Bigtooth Aspen	50	Pole	6	32																																																						
Black/Red (Hybrid) Oak	10	Pole	6																																																							
Balsam Fir	9	Pole	5																																																							
White Pine	31	Log/Pole	13																																																							
Sub-Canopy Species	Density	Avg. Height	Size																																																							
Black/Red (Hybrid) Oak	Low	5 - 10 feet	Sapling																																																							
White Pine	Low	10 - 20 feet	Sapling																																																							
Red Maple	Low	>20 feet	Sapling																																																							
Balsam Fir	Low	10 - 20 feet	Sapling																																																							
222	42220 - Natural Jack Pine	Poletimber Medium	4.4	51	81-110	N/A	Natural jack pine stand with mixed hardwood and pine.																																																			
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>2</td> <td>Log</td> <td>12</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>75</td> <td>Pole</td> <td>8</td> <td>51</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>5</td> <td>Log</td> <td>13</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>8</td> <td>Log/Pole</td> <td>11</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>5</td> <td>Log</td> <td>16</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>5</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	White Pine	2	Log	12		Jack Pine	75	Pole	8	51	Bigtooth Aspen	5	Log	13		Red Maple	8	Log/Pole	11		Red Pine	5	Log	16		Black/Red (Hybrid) Oak	5	Pole/Log	9		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>Low</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Jack Pine</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Pine	Low	>20 feet	Sapling	Jack Pine	Low	10 - 20 feet	Sapling	Black/Red (Hybrid) Oak	Low	10 - 20 feet	Sapling				
Canopy Species	% Cover	Size Class	DBH	Age																																																						
White Pine	2	Log	12																																																							
Jack Pine	75	Pole	8	51																																																						
Bigtooth Aspen	5	Log	13																																																							
Red Maple	8	Log/Pole	11																																																							
Red Pine	5	Log	16																																																							
Black/Red (Hybrid) Oak	5	Pole/Log	9																																																							
Sub-Canopy Species	Density	Avg. Height	Size																																																							
Red Pine	Low	>20 feet	Sapling																																																							
Jack Pine	Low	10 - 20 feet	Sapling																																																							
Black/Red (Hybrid) Oak	Low	10 - 20 feet	Sapling																																																							
223	4130 - Aspen	Poletimber Medium	7.9	32	81-110	N/A	Cut under "Pineway Aspen" 73-060-92. Aspen is starting to grow in basal area. More white pine along the edges of the stand.																																																			
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>5</td> <td>Pole</td> <td>5</td> <td></td> </tr> <tr> <td>White Pine</td> <td>10</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>80</td> <td>Pole</td> <td>5</td> <td>32</td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black/Red (Hybrid) Oak	5	Pole	5		White Pine	10	Pole/Log	9		Bigtooth Aspen	80	Pole	5	32	Paper Birch	5	Sapling/Pole	4		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Medium	10 - 20 feet	Tall Shrub																						
Canopy Species	% Cover	Size Class	DBH	Age																																																						
Black/Red (Hybrid) Oak	5	Pole	5																																																							
White Pine	10	Pole/Log	9																																																							
Bigtooth Aspen	80	Pole	5	32																																																						
Paper Birch	5	Sapling/Pole	4																																																							
Sub-Canopy Species	Density	Avg. Height	Size																																																							
Tag Alder	Medium	10 - 20 feet	Tall Shrub																																																							



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

225 42220 - Natural Jack Pine Poletimber Well 8.5 45 81-110 N/A

Few shallow small drains run E-W through stand. Ground cover mainly bracken, wintergreen; some vaccinium/leatherleaf. Trace of black oak, pin cherry, red maple, paper birch.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	5	Pole/Log	9		White Pine	Low	10 - 20 feet	Sapling
Black Cherry	2	Pole	7		Black/Red (Hybrid) Oak	Low	10 - 20 feet	Sapling
White Pine	11	Pole/Log	9		Red Maple	Low	>20 feet	Sapling
Quaking Aspen	2	Pole	7					
Jack Pine	80	Pole	8	45				

227 4130 - Aspen Sapling Well 6.2 16 81-110 N/A

The stand was harvested retaining green marked trees and all pine in the southern half of the stand. The regeneration is coming up fairly well. The aspen is heaviest along the road. There is a lot of diversity in the stand. Cut under Mohawk Harvest 73-018-04

Canopy Species	% Cover	Size Class	DBH	Age
Bigtooth Aspen	43	Sapling	4	16
Black/Red (Hybrid) Oak	5	Log	15	
White Pine	5	Log	14	
Red Maple	10	Sapling	3	
Black/Red (Hybrid) Oak	10	Sapling	4	
White Oak	2	Log	12	
Quaking Aspen	20	Sapling	4	
White Pine	5	Sapling	4	

228 6119 - Mixed Lowland Deciduous Forest Sawtimber Well 4.6 70 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	2	Log	16		Paper Birch	Low	>20 feet	Sapling
Bigtooth Aspen	30	Pole/Log	9		White Pine	Low	10 - 20 feet	Sapling
Paper Birch	5	Pole	8		Black/Red (Hybrid) Oak	Low	>20 feet	Sapling
Northern White Cedar	5	Pole	9					
Red Maple	50	Log/Pole	11	70				
Black/Red (Hybrid) Oak	8	Log	16					

229 4136 - Aspen, Mixed Conifer Sapling Medium 7.4 15 Immature N/A

This stand was harvested retaining marked pine and oak. The regeneration is dense along Mohawk Trail but get sparse going south. Cut under Mohawk Harvest 73-018-04

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	10	Sapling	2	
White Oak	2	Log	16	
Black/Red (Hybrid) Oak	5	Log/Pole	12	
Bigtooth Aspen	50	Sapling	3	15
Black/Red (Hybrid) Oak	15	Sapling	3	
White Pine	10	Log/Pole	12	
White Pine	8	Sapling	4	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
230	4130 - Aspen	Poletimber Well	2.3	32	81-110	N/A	Cut under "Pineway Aspen" 73-060-92. Small pocket of aspen with parking lot and a closed administrative access route.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine		5	Log	14		Red Maple	Low	>20 feet	Sapling
Red Maple		15	Pole	6		White Pine	Low	10 - 20 feet	Sapling
Bigtooth Aspen		80	Pole	5	32	Black/Red (Hybrid) Oak	Low	>20 feet	Sapling
231	42290 - Natural Mixed Pine	Sawtimber Medium	11.8	51	81-110	N/A	Timber sale notes show it was cut in 2014 under Cove View Aspen 73-010-12. Log white and red pine now make up the stand. Basal area is pushing 100 BA/acre, with white pine seedlings becoming established.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Cherry		3	Pole	8		White Pine	Medium	< 5 feet	Sapling
Red Maple		5	Pole	7		Black/Red (Hybrid) Oak	Low	5 - 10 feet	Sapling
White Pine		40	Log	15		Red Maple	Low	10 - 20 feet	Sapling
Black/Red (Hybrid) Oak		4	Log	12					
Red Pine		43	Log	14	51				
Bigtooth Aspen		5	Log/Pole	11					
232	42260 - Natural Pine, Mixed Deciduous	Poletimber Medium	19.6	40	81-110	N/A	The terrain is hummocky. The species change from white pine and aspen in the south to jack pine, white pine, aspen and oak north. There is a trace of black cherry, tamarack, red pine, and paper birch.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen		30	Pole	7		Jack Pine	Low	5 - 10 feet	Sapling
Black/Red (Hybrid) Oak		5	Log/Pole	11		White Pine	Low	5 - 10 feet	Sapling
White Pine		40	Log/Pole	11	40				
Red Pine		2	Log/Pole	12					
Red Maple		5	Pole	6					
Jack Pine		18	Pole	7					
233	6119 - Mixed Lowland Deciduous Forest	Sawtimber Poor	12.0	51	51-80	N/A	The stand is made up of half upland ridges and half lowland tag alder thickets. The upland islands are poorly stocked and would be difficult to treat commercially.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black/Red (Hybrid) Oak		15	Log	16		Jack Pine	Low	5 - 10 feet	Sapling
Red Maple		51	Log/Pole	12	51	White Pine	Low	10 - 20 feet	Sapling
Quaking Aspen		15	Log	14		Tag Alder	Medium	10 - 20 feet	Tall Shrub
White Pine		10	Log/Pole	12					
Paper Birch		9	Log/Pole	10					
234	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	11.7	75	111-140	N/A	The stand is a matrix of uplands and lowlands. Aspen is starting to show decline. The east and western portions of the stand are more lowland with dense balsam fir. There are scattered cedar throughout the stand. Winter harvest would be necessary for a majority of the stand.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen		20	Log	12		Balsam Fir	Medium	10 - 20 feet	Sapling
Black/Red (Hybrid) Oak		10	Log	13		Black/Red (Hybrid) Oak	Low	Variable	Sapling
Balsam Fir		23	Pole	7		Red Maple	Medium	Variable	Sapling
Northern White Cedar		5	Pole	8					
White Oak		2	Log/Pole	12					



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

235 6127 - Lowland Pine Sawtimber Well 16.3 90 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	3	Log	14		Tag Alder	Trace	5 - 10 feet	Tall Shrub
Jack Pine	3	Log/Pole	10		White Pine	Low	>20 feet	Pole
Red Pine	89	Log	14	90	Red Pine	Low	5 - 10 feet	Pole
Black/Red (Hybrid) Oak	5	Log	16		Jack Pine	Low	>20 feet	Pole
					Leatherleaf	High	< 5 feet	Tall Shrub
					Black/Red (Hybrid) Oak	Low	5 - 10 feet	Sapling

The terrain is hummocky and seasonably wet. There are scattered pockets of leather leaf. Basal area is averaging around 95-100 BA/Acre with red pine diameters averaging around 12-15 DBH. Very little natural regeneration has recruited since the previous harvest. Recommend holding stand until next YOE to determine if a second thinning needs to occur. Completion comments: Stand was harvested under contract # 73-003-16, Comp 31 Mix in September of 2018. 46.5 square feet was removed leaving 82 square feet as residual. Minimal rutting occurred and the crew protected the residual well.

236 4191 - Mixed Upland Deciduous with Conifer Poletimber Well 7.3 32 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black/Red (Hybrid) Oak	35	Pole	7	32	Black Cherry	Low	>20 feet	Sapling
Tamarack	2	Pole	5		Tag Alder	Low	5 - 10 feet	Tall Shrub
Red Pine	3	Pole	7		Balsam Fir	Low	5 - 10 feet	Sapling
Paper Birch	10	Pole	5					
White Pine	35	Pole/Log	9					
Quaking Aspen	15	Pole	6					

Cut under "Pineway Aspen" 73-060-92. Stand is filling in well, with a heavy mix of white pine.

237 6117 - Lowland Deciduous, Mixed Coniferous Sawtimber Well 18.5 87 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Oak	2	Log/Pole	12		Red Pine	Low	Variable	Sapling
Balsam Fir	8	Pole	7		Black/Red (Hybrid) Oak	Low	10 - 20 feet	Sapling
White Pine	25	Log	15		Red Maple	Low	>20 feet	Sapling
Black/Red (Hybrid) Oak	15	Log	14		Balsam Fir	Medium	Variable	Sapling
Paper Birch	3	Pole	6		White Pine	Medium	Variable	Sapling
Red Maple	42	Log/Pole	12	87				
Quaking Aspen	5	Log/Pole	12					

Lowland mixed stand. North portion is heavier to pine, southern portion transition to a lowland maple stand.

238 6117 - Lowland Deciduous, Mixed Coniferous Poletimber Medium 18.8 87 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	5	Pole	6		Red Maple	Low	>20 feet	Sapling
Quaking Aspen	10	Log/Pole	11		Tag Alder	Low	10 - 20 feet	Tall Shrub
Balsam Fir	25	Pole	6		Balsam Fir	Medium	10 - 20 feet	Sapling
Red Maple	40	Log/Pole	11	87				
White Pine	10	Log	13					
Black/Red (Hybrid) Oak	10	Log	16					

Lowland drainage along Boman road. There is a small upland piece at the corner of Mohawk trail and Boman road. Overall too wet for commercial harvest.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments			
239	4130 - Aspen	Poletimber Medium	6.5	50	81-110	N/A	Deep drain runs E-W but can get to back of stand from SE corner.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Northern White Cedar		3	Pole	9		Witch Hazel		Low	5 - 10 feet	Tall Shrub
Red Pine		2	Log	13		Black Cherry		Low	10 - 20 feet	Sapling
Bigtooth Aspen		72	Pole	9	50	Black/Red (Hybrid) Oak		Low	10 - 20 feet	Sapling
Black/Red (Hybrid) Oak		8	Log/Pole	12		White Pine		Low	5 - 10 feet	Sapling
Black Cherry		5	Pole	7						
White Pine		10	Log/Pole	12						
240	42260 - Natural Pine, Mixed Deciduous	Sawtimber Medium	9.5	87	51-80	N/A	Natural white pine stand thinned during previous treatment. Completion comments: Stand was harvested under contract # 73-003-16, Comp 31 Mix in September of 2018. 55 square feet was removed from the stand leaving 60 square feet as residual timber.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Red Maple		5	Log/Pole	10		Red Maple		Low	Variable	Sapling
Black/Red (Hybrid) Oak		20	Log	16		Balsam Fir		Low	10 - 20 feet	Sapling
White Pine		40	Log	15	87	White Pine		Medium	>20 feet	Sapling
Red Pine		25	Log/XLog	14						
Bigtooth Aspen		5	Pole	9						
Balsam Fir		5	Pole	6						
241	6220 - Alder/willow	Nonstocked	50.0			No	Overall an alder lowland with scattered islands of white pine.			
242	4131 - Aspen, Oak	Poletimber Well	10.2	46	81-110	N/A	Mixed aspen stand with a small component of white pine.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Bigtooth Aspen		50	Pole	8	46	Black Cherry		Low	>20 feet	Sapling
Black Cherry		5	Pole	8		Red Maple		Low	10 - 20 feet	Sapling
White Pine		15	Pole/Log	9		Witch Hazel		Low	5 - 10 feet	Tall Shrub
Black/Red (Hybrid) Oak		20	Pole	8						
Red Maple		10	Pole	7						
243	3205 - Mixed Upland Shrub	Nonstocked	6.1			No	20% lowland with willow. 15% sweet fern. 15% N. Very late seral wetland tht's now upland.			
244	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	5.7	75	81-110	N/A	Narrow lowland finger heavier to cedar with a few hemlock and maple. Heavy deer browse in understory and less balsam fir than adjacent stand 245.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
White Pine		10	Log/Pole	12		Red Maple		Low	< 5 feet	Sapling
Hemlock		5	Log	14		Balsam Fir		Medium	5 - 10 feet	Sapling
Paper Birch		2	Pole/Log	9		Black/Red (Hybrid) Oak		Low	< 5 feet	Sapling
Northern White Cedar		33	Pole/Log	9	75	Michigan Holly		Low	5 - 10 feet	Tall Shrub
Red Maple		25	Pole/Log	8	71					
Balsam Fir		25	Pole	6						



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

245	6130 - Fir, Aspen, Maple	Poletimber Well	20.4	75	111-140	N/A	Lowland stand with a few upland pockets. Mainly dense balsam fir in the understory with maple recruiting into the canopy gaps.
------------	--------------------------	-----------------	------	----	---------	-----	--

Canopy Species				% Cover	Size Class	DBH	Age	Sub-Canopy Species			Density	Avg. Height	Size
Northern Pin Oak				3	Pole/Log	8		Red Maple			Low	>20 feet	Sapling
White Pine				20	Log	13		White Pine			Low	10 - 20 feet	Sapling
Northern White Cedar				5	Pole/Log	9		Balsam Fir			Medium	10 - 20 feet	Sapling
Balsam Fir				20	Pole	7							
Paper Birch				12	Pole/Log	9							
Quaking Aspen				5	Log/Pole	12							
Red Maple				35	Pole/Log	9	75						

246	4191 - Mixed Upland Deciduous with Conifer	Sapling Medium	5.8	10	Immature	N/A	Cut in 2014 under Cove View Aspen 73-010-12. Pine and oak left for retention.
------------	--	----------------	-----	----	----------	-----	---

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	15	Sapling	1	
Paper Birch	5	Sapling	1	
White Pine	5	Log	13	
Red Maple	30	Sapling	2	10
Bigtooth Aspen	25	Sapling	2	
White Pine	10	Sapling	2	
Black/Red (Hybrid) Oak	10	Sapling	2	

247	6225 - Bog	Nonstocked	4.4			No	Leatherleaf bog with scattered white pine.
------------	------------	------------	-----	--	--	----	--

249	6229 - Mixed lowland shrub	Nonstocked	5.4		Immature	No	Stand has transitioned to a lowland shrub now that the ash has died off.
------------	----------------------------	------------	-----	--	----------	----	--

251	42290 - Natural Mixed Pine	Poletimber Medium	4.2	64	111-140	N/A	
------------	----------------------------	-------------------	-----	----	---------	-----	--

Canopy Species				% Cover	Size Class	DBH	Age	Sub-Canopy Species			Density	Avg. Height	Size
Black/Red (Hybrid) Oak				10	Log/Pole	10		Jack Pine			Low	>20 feet	Sapling
Red Pine				24	Log/Pole	10		Black/Red (Hybrid) Oak			Low	10 - 20 feet	Sapling
Red Maple				3	Pole	8		Red Pine			Low	10 - 20 feet	Sapling
Quaking Aspen				10	Pole	8		Black Cherry			Low	10 - 20 feet	Sapling
Jack Pine				28	Pole	7	64	White Pine			Low	10 - 20 feet	Sapling
White Pine				25	Log/Pole	10							



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments			
252	6119 - Mixed Lowland Deciduous Forest	Sawtimber Medium	25.4	87	81-110	N/A	The stand is a matrix of uplands and lowlands with the mix being close to 50/50. Log sized stand with very little regeneration in the understory. Regeneration could become an issue if commercially harvested. The stand was thinned last YOE marked with orange paint and all aspen removed. Cut under Mohawk Harvest 73-018-04.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
White Pine		5	Pole	9		Red Pine		Low	5 - 10 feet	Sapling
Red Maple		55	Log/Pole	12	87	White Pine		Low	10 - 20 feet	Sapling
Black/Red (Hybrid) Oak		23	Log	16		Tag Alder		Low	5 - 10 feet	Tall Shrub
Jack Pine		5	Pole	8		Black/Red (Hybrid) Oak		Low	10 - 20 feet	Sapling
Red Pine		7	Log	15						
Paper Birch		5	Pole	8						
254	6113 - Lowland Maple	Sawtimber Well	7.3	97	81-110	N/A	The aspen in the stand is declining and falling out of the overstory. The area is a matrix of uplands and lowlands with the lowlands being a slight majority. The terrain is hummocky and much of the drainage in the stand is along the edges. There is heavy white pine regeneration at the north end. There is more maple at the south end and oak is scattered throughout the stand. The soils also seem to get wetter going south.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Quaking Aspen		20	Log	14		White Pine		Medium	>20 feet	Sapling
Black/Red (Hybrid) Oak		10	Log	14		Red Maple		Medium	>20 feet	Sapling
White Pine		5	Log	16		Paper Birch		Low	>20 feet	Pole
Red Maple		65	Log	13	97					
255	122 - Road/Parking Lot	Nonstocked	19.7			No	Actually paved road (cover type 122) but cover type dropdown did not permit me to enter 122 and it was not in drop down.			
256	6113 - Lowland Maple	Sawtimber Well	2.7	95	81-110	N/A	The terrain is hummocky. The stand is quite small and a culvert will be needed to access the stand. It may not be worth the cost to gain access for the wood that is present.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Red Maple		80	Log	13	95	Red Maple		Low	>20 feet	Sapling
Quaking Aspen		7	Log	12		White Pine		Low	>20 feet	Sapling
Black/Red (Hybrid) Oak		10	Log	14		Tag Alder		Low	5 - 10 feet	Tall Shrub
White Pine		3	Log	12		Black/Red (Hybrid) Oak		Low	>20 feet	Sapling
257	4133 - Aspen, Mixed Pine	Sawtimber Medium	13.2	87	81-110	N/A	Strip along Secord Lake that was left during previous harvests. Aspen is starting to decline. Recommend to thin stand up to Secord Lake when adjacent stands are ready for harvest.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Bigtooth Aspen		53	Log	12	87	White Pine		Low	10 - 20 feet	Sapling
Red Maple		5	Log/Pole	11		Black/Red (Hybrid) Oak		Low	10 - 20 feet	Sapling
White Pine		30	Log/Pole	12						
Black/Red (Hybrid) Oak		12	Pole/Log/Sap	9						
260	6127 - Lowland Pine	Sawtimber Medium	4.3	56	81-110	N/A				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
White Pine		72	Log/Pole	11	56	Red Pine		Trace	5 - 10 feet	Sapling
Quaking Aspen		3	Pole	6		White Pine		Low	Variable	Sapling
Tamarack		5	Pole	7		Quaking Aspen		Trace	10 - 20 feet	Sapling
Jack Pine		15	Pole	7		Tag Alder		Low	5 - 10 feet	Tall Shrub
Red Maple		5	Pole	9		Jack Pine		Low	5 - 10 feet	Sapling



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

261 6220 - Alder/willow Nonstocked 44.6 No

262 42200 - Natural White Pine Poletimber Well 12.4 56 141-170 N/A

Canopy Species	% Cover	Size Class	DBH	Age
White Pine	77	Pole/Log	9	56
Red Pine	5	Pole	9	
Tamarack	5	Log/Pole	10	
Paper Birch	3	Pole	7	
Black/Red (Hybrid) Oak	5	Pole	9	
Red Maple	5	Pole	8	

Sub-Canopy Species	Density	Avg. Height	Size
White Pine	Medium	Variable	Sapling
Black/Red (Hybrid) Oak	Low	10 - 20 feet	Sapling
Red Maple	Low	10 - 20 feet	Sapling

Most pine is infested with white pine weevil. Few patches of aspen along road. Trace of tamarack, red pine, birch, jack pine in overstory, tamarack and red maple in understory.

263 42110 - Planted Red Pine Sapling Medium 69.6 4 Immature N/A

Canopy Species	% Cover	Size Class	DBH	Age
Tamarack	5	Sapling	1	
Jack Pine	15	Sapling	1	
Black/Red (Hybrid) Oak	5	Sapling	1	
Red Pine	75	Sapling	1	4

Clearcut - FTP C73-1003 trench and plant red pine. Planted to red pine in 2020. FTP shows pockets that were unplanted due to high water table. 3 yr regen survey shows very high mortality near/in the pockets. Outside of pockets red pine is doing well. This type of stand often dries up in late summer and could be managed. There are also areas in the stand that are open leather leaf as well as slight upland ridges.

264 6119 - Mixed Lowland Deciduous Forest Poletimber Well 8.7 41 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	5	Pole	7	
Paper Birch	2	Pole	5	
Black/Red (Hybrid) Oak	56	Pole	9	41
White Pine	2	Pole	7	
Red Maple	35	Pole	6	

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Low	10 - 20 feet	Sapling
White Pine	Low	5 - 10 feet	Sapling

Barely lowland. Hummocky, with areas of moss and blueberry (25%). Similar to stand 134 but far less white pine and slightly drier. Stand cut in 1983, left all pine and oak

265 6113 - Lowland Maple Poletimber Medium 7.0 87 51-80 N/A

Canopy Species	% Cover	Size Class	DBH	Age
Black Cherry	5	Pole	6	
Black/Red (Hybrid) Oak	5	Pole	8	
Paper Birch	10	Pole	5	
White Pine	10	Log	14	
Red Maple	68	Pole/Log	9	87
Quaking Aspen	2	Log/Pole	10	

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Medium	10 - 20 feet	Sapling
Tag Alder	Medium	10 - 20 feet	Tall Shrub
Paper Birch	Low	>20 feet	Sapling

Lowland drainage that has converted to red maple.

267 6233 - Wet Meadow Nonstocked 9.2 No

mostly grass, sedge, rush. Some open water and cattails and floating aquatic.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																															
268	4130 - Aspen	Sapling Medium	7.4	15	Immature	N/A	The stand was harvested. There is regeneration that is coming in fairly well but there are portion that did not regenerate. The areas that did not come back are mainly wet and are now reed grass. Cut under Mohawk Harvest 73-018-04 leaving all cedar and hemlock.																																																															
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>20</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>10</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>2</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>66</td> <td>Sapling</td> <td>2</td> <td>15</td> </tr> <tr> <td>Hemlock</td> <td>2</td> <td>Log/Pole</td> <td>11</td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	20	Sapling	2		Black/Red (Hybrid) Oak	10	Sapling	2		Northern White Cedar	2	Log/Pole	10		Bigtooth Aspen	66	Sapling	2	15	Hemlock	2	Log/Pole	11																																		
Canopy Species	% Cover	Size Class	DBH	Age																																																																		
Red Maple	20	Sapling	2																																																																			
Black/Red (Hybrid) Oak	10	Sapling	2																																																																			
Northern White Cedar	2	Log/Pole	10																																																																			
Bigtooth Aspen	66	Sapling	2	15																																																																		
Hemlock	2	Log/Pole	11																																																																			
271	4134 - Aspen, Spruce/Fir	Poletimber Well	13.3	36	81-110	N/A	There are several drainages that lead to Secord lake. The canopy is much heavier to balsam fir in the northwestern portion of the stand and also averages a smaller diameter.																																																															
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>5</td> <td>Pole</td> <td>7</td> <td></td> <td>Balsam Fir</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>5</td> <td>Log/Pole</td> <td>12</td> <td></td> <td>Tag Alder</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Balsam Fir</td> <td>20</td> <td>Pole</td> <td>6</td> <td></td> <td>White Pine</td> <td>Low</td> <td>< 5 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>4</td> <td>Log/Pole</td> <td>11</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>66</td> <td>Pole/Log</td> <td>9</td> <td>36</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	5	Pole	7		Balsam Fir	Low	5 - 10 feet	Sapling	Black/Red (Hybrid) Oak	5	Log/Pole	12		Tag Alder	Low	5 - 10 feet	Tall Shrub	Balsam Fir	20	Pole	6		White Pine	Low	< 5 feet	Sapling	White Pine	4	Log/Pole	11						Bigtooth Aspen	66	Pole/Log	9	36													
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size																																																														
Red Maple	5	Pole	7		Balsam Fir	Low	5 - 10 feet	Sapling																																																														
Black/Red (Hybrid) Oak	5	Log/Pole	12		Tag Alder	Low	5 - 10 feet	Tall Shrub																																																														
Balsam Fir	20	Pole	6		White Pine	Low	< 5 feet	Sapling																																																														
White Pine	4	Log/Pole	11																																																																			
Bigtooth Aspen	66	Pole/Log	9	36																																																																		
272	500 - Water	Nonstocked	26.8			No																																																																
273	4130 - Aspen	Poletimber Well	136.8	37	111-140	N/A	Well stocked aspen stand. Stand is broken up with lowland alder thickets that will need painted out during timber sale prep. Midland to Mackinaw Trail runs through stand.																																																															
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Bigtooth Aspen</td> <td>50</td> <td>Pole</td> <td>8</td> <td>37</td> <td>Red Pine</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>10</td> <td>Log/Pole</td> <td>10</td> <td></td> <td>Witch Hazel</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Balsam Fir</td> <td>5</td> <td>Pole</td> <td>6</td> <td></td> <td>Tag Alder</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Red Maple</td> <td>15</td> <td>Pole</td> <td>7</td> <td></td> <td>White Pine</td> <td>Low</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Quaking Aspen</td> <td>20</td> <td>Pole</td> <td>6</td> <td></td> <td>Balsam Fir</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Paper Birch</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	Bigtooth Aspen	50	Pole	8	37	Red Pine	Low	5 - 10 feet	Sapling	White Pine	10	Log/Pole	10		Witch Hazel	Low	5 - 10 feet	Tall Shrub	Balsam Fir	5	Pole	6		Tag Alder	Medium	5 - 10 feet	Tall Shrub	Red Maple	15	Pole	7		White Pine	Low	>20 feet	Sapling	Quaking Aspen	20	Pole	6		Balsam Fir	Low	5 - 10 feet	Sapling						Paper Birch	Low	10 - 20 feet	Sapling
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size																																																														
Bigtooth Aspen	50	Pole	8	37	Red Pine	Low	5 - 10 feet	Sapling																																																														
White Pine	10	Log/Pole	10		Witch Hazel	Low	5 - 10 feet	Tall Shrub																																																														
Balsam Fir	5	Pole	6		Tag Alder	Medium	5 - 10 feet	Tall Shrub																																																														
Red Maple	15	Pole	7		White Pine	Low	>20 feet	Sapling																																																														
Quaking Aspen	20	Pole	6		Balsam Fir	Low	5 - 10 feet	Sapling																																																														
					Paper Birch	Low	10 - 20 feet	Sapling																																																														
275	6113 - Lowland Maple	Poletimber Poor	6.9	89	81-110	N/A	Creek floodplain that has converted to red maple lowland with white pine along the banks.																																																															
<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>75</td> <td>Log/Pole</td> <td>11</td> <td>89</td> </tr> <tr> <td>White Pine</td> <td>10</td> <td>Log</td> <td>12</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>10</td> <td>Pole</td> <td>9</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>5</td> <td>Pole</td> <td>6</td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	75	Log/Pole	11	89	White Pine	10	Log	12		Quaking Aspen	10	Pole	9		Balsam Fir	5	Pole	6																																							
Canopy Species	% Cover	Size Class	DBH	Age																																																																		
Red Maple	75	Log/Pole	11	89																																																																		
White Pine	10	Log	12																																																																			
Quaking Aspen	10	Pole	9																																																																			
Balsam Fir	5	Pole	6																																																																			
276	6225 - Bog	Nonstocked	3.7			No	Lowland bog with scattered pine.																																																															



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																													
278	4199 - Other Mixed Upland Deciduous	Sapling Poor	3.0	12	1-50	N/A	Clearcut in 2014 under Cove View Aspen 73-010-12. Narrow sandy ridge along forest road. Regeneration is minimal due to deer browse. Oak is trying to recruit.																																													
<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 Cherry</td> <td>15</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>20</td> <td>Log</td> <td>13</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>25</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>White Pine</td> <td>15</td> <td>Log</td> <td>11</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>25</td> <td>Sapling</td> <td>1</td> <td>12</td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Black Cherry	15	Sapling	1		Black/Red (Hybrid) Oak	20	Log	13		Red Maple	25	Sapling	1		White Pine	15	Log	11		Black/Red (Hybrid) Oak	25	Sapling	1	12															
Canopy Species	% Cover	Size Class	DBH	Age																																																
Black Cherry	15	Sapling	1																																																	
Black/Red (Hybrid) Oak	20	Log	13																																																	
Red Maple	25	Sapling	1																																																	
White Pine	15	Log	11																																																	
Black/Red (Hybrid) Oak	25	Sapling	1	12																																																
279	4130 - Aspen	Sapling Medium	28.4	10	Immature	N/A	Clearcut in 2014 under Cove View Aspen 73-010-12. Moderately stocked aspen stand with some lowland inclusions. The northern portion has patchy regeneration & beaver activity.																																													
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Bigtooth Aspen</td> <td>75</td> <td>Sapling</td> <td>2</td> <td>10</td> </tr> <tr> <td>White Pine</td> <td>5</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>10</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>10</td> <td>Sapling</td> <td>2</td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Bigtooth Aspen	75	Sapling	2	10	White Pine	5	Sapling	3		Paper Birch	10	Sapling	2		Black/Red (Hybrid) Oak	10	Sapling	2																					
Canopy Species	% Cover	Size Class	DBH	Age																																																
Bigtooth Aspen	75	Sapling	2	10																																																
White Pine	5	Sapling	3																																																	
Paper Birch	10	Sapling	2																																																	
Black/Red (Hybrid) Oak	10	Sapling	2																																																	
280	6220 - Alder/willow	Nonstocked	15.2			No																																														
282	4133 - Aspen, Mixed Pine	Poletimber Medium	30.2	42	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> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Bigtooth Aspen</td> <td>40</td> <td>Pole</td> <td>7</td> <td>42</td> <td>White Pine</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>20</td> <td>Pole/Log</td> <td>9</td> <td></td> <td>Black/Red (Hybrid) Oak</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>30</td> <td>Pole</td> <td>7</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Red Maple</td> <td>10</td> <td>Pole</td> <td>6</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	Bigtooth Aspen	40	Pole	7	42	White Pine	Low	10 - 20 feet	Sapling	White Pine	20	Pole/Log	9		Black/Red (Hybrid) Oak	Low	5 - 10 feet	Sapling	Black/Red (Hybrid) Oak	30	Pole	7						Red Maple	10	Pole	6					
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size																																												
Bigtooth Aspen	40	Pole	7	42	White Pine	Low	10 - 20 feet	Sapling																																												
White Pine	20	Pole/Log	9		Black/Red (Hybrid) Oak	Low	5 - 10 feet	Sapling																																												
Black/Red (Hybrid) Oak	30	Pole	7																																																	
Red Maple	10	Pole	6																																																	
283	6225 - Bog	Nonstocked	1.2			No	Leatherleaf bog with scattered white pine																																													
284	6220 - Alder/willow	Nonstocked	7.3			No	Lowland alder thicket with a few upland fingers running through it. Overall less than 25% canopy cover and too wet for commercial harvest. Heavy to red maple.																																													
289	6233 - Wet Meadow	Nonstocked	9.3			No																																														
290	122 - Road/Parking Lot	Nonstocked	2.4			Managed Opening																																														



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
291	4131 - Aspen, Oak	Poletimber Well	14.6	32	81-110	N/A	Cut under "Pineway Aspen" 73-060-92. All oak less than 4" left during harvest. Stand has filled in well, with areas heavier to pole sized oak.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
White Pine		3	Pole	8		Black/Red (Hybrid) Oak	
Jack Pine		2	Pole	6		White Pine	
Bigtooth Aspen		60	Pole	6	32	Density	
Black/Red (Hybrid) Oak		35	Pole	7		Avg. Height	
						Size	
292	4130 - Aspen	Poletimber Medium	15.7	32	81-110	N/A	Patchwork of good aspen clones, south half closer to solid aspen. Cut under "Pineway Aspen" 73-060-92
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Quaking Aspen		75	Pole	6	32	Paper Birch	
Northern Pin Oak		10	Pole	6		Black/Red (Hybrid) Oak	
Red Pine		2	Log	14		Willow spp.	
Jack Pine		3	Pole	6		Density	
Paper Birch		10	Pole	5		Avg. Height	
						Size	
293	42260 - Natural Pine, Mixed Deciduous	Sawtimber Well	28.6	56	111-140	N/A	Strip left during previous harvests. Heaviest to white pine with a minor component of aspen and oak.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
White Pine		55	Log	14	56	White Pine	
Red Maple		7	Pole	9		Red Maple	
Red Pine		5	Log	14	102	Black/Red (Hybrid) Oak	
Black/Red (Hybrid) Oak		8	Pole	9		Density	
Bigtooth Aspen		25	Log	14		Avg. Height	
						Size	
294	4130 - Aspen	Poletimber Well	50.1	50	81-110	N/A	Well stocked aspen stand with multiple lowland drains bisecting stand. Stand is split by lowland tag alder. Access will need to come off of Mowhawk trail.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Bigtooth Aspen		35	Pole/Log	9		White Pine	
Black/Red (Hybrid) Oak		10	Log	13		Black/Red (Hybrid) Oak	
Red Maple		15	Pole/Log	9		Red Maple	
Quaking Aspen		40	Pole/Log	8	50	Density	
						Avg. Height	
						Size	
295	4130 - Aspen	Sapling Well	105.7	10	Immature	N/A	Clearcut in 2014 under Cove View Aspen 73-010-12. Well stocked aspen stand now
Canopy Species		% Cover	Size Class	DBH	Age		
Quaking Aspen		70	Sapling	2	10		
Black/Red (Hybrid) Oak		5	Sapling	2			
Red Maple		20	Sapling	1			
Black Spruce		5	Sapling	2			



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

296 4130 - Aspen Poletimber Well 44.4 41 81-110 N/A

Stand cut in 1983 "Red Oak Lane Sale" 73-025-83. Well stocked aspen stand with lowland inclusions. Minor component of pine species are found throughout the stand.

Canopy Species	% Cover	Size Class	DBH	Age
Red Pine	2	Pole	6	
Black/Red (Hybrid) Oak	5	Pole	8	
Bigtooth Aspen	70	Pole	8	41
White Pine	5	Log	14	
Quaking Aspen	15	Pole	7	
Jack Pine	3	Pole	6	

297 429 - Mixed Upland Conifers Sawtimber Well 11.2 88 81-110 N/A

Stand was left during previous harvest to act as a visual buffer. The aspen is beginning to fall out of stand with balsam fir recruiting into the canopy.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	30	Pole	8		Red Maple	Low	>20 feet	Sapling
White Pine	31	Log/Pole	11	88	Beech	Low	5 - 10 feet	Sapling
Paper Birch	2	Pole/Log	9		Balsam Fir	Low	10 - 20 feet	Sapling
Quaking Aspen	20	Log/Pole	11					
Red Maple	17	Pole/Log/Sap	9					

300 6220 - Alder/willow Nonstocked 17.8 No Lowland alder swamp.

301 6112 - Lowland Aspen Poletimber Medium 10.4 32 81-110 N/A

Lowland aspen stand between recent clearcut and finger of Secord Lake. Trace of swamp white oak, white pine, hawthorn and oak in canopy. Cut under "Pineway Aspen" 73-060-92

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black/Red (Hybrid) Oak	5	Pole	9		Red Maple	High	>20 feet	Sapling
Balsam Fir	2	Pole/Sapling	5		Tag Alder	Medium	10 - 20 feet	Tall Shrub
Quaking Aspen	83	Pole	7	32	Dogwood (spp.)	Low	10 - 20 feet	Tall Shrub
Red Maple	10	Pole	9		Paper Birch	Low	>20 feet	Sapling
					Balsam Fir	Low	10 - 20 feet	Sapling

302 4130 - Aspen Sapling Well 32.4 15 Immature N/A

Cut under Mohawk Harvest 73-018-04. Overall well stocked aspen stand with sporadic lowland pockets that are heavier to alder and birch.

Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	30	Sapling	2	
Red Maple	10	Sapling	2	
White Pine	5	Sapling	3	
Black/Red (Hybrid) Oak	10	Sapling	2	
Paper Birch	5	Sapling	2	
Bigtooth Aspen	40	Sapling	2	15



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

303 4125 - Black, N. Pin Oak Poletimber Poor 18.5 32 81-110 N/A

Cut under "Pineway Aspen" 73-060-92, all oak and pine left during harvest. Stand has a decent makeup of oak poles with mixed conifer filling in.

Canopy Species	% Cover	Size Class	DBH	Age
Paper Birch	10	Pole	6	
Jack Pine	16	Pole	6	
White Pine	2	Pole	9	
Black Cherry	3	Pole	5	
Red Pine	2	Log/Pole	10	
Quaking Aspen	7	Pole	6	
Black/Red (Hybrid) Oak	60	Pole	7	32

304 500 - Water Nonstocked 7.4 No

305 500 - Water Nonstocked 4.5 No

307 4319 - Mixed Upland Forest Poletimber Well 5.4 32 81-110 N/A

Visual and RMZ buffer for Secord Lake. Very diverse species and size mix. Cut under "Pineway Aspen" 73-060-92, only aspen removed.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	8	Log/Pole	10		Black/Red (Hybrid) Oak	Low	5 - 10 feet	Sapling
Black/Red (Hybrid) Oak	6	Pole	7		Tag Alder	Low	5 - 10 feet	Tall Shrub
Bigtooth Aspen	36	Pole	6	32	Red Maple	Low	10 - 20 feet	Sapling
Paper Birch	8	Pole/Sapling	5					
Balsam Fir	36	Pole	6					
White Pine	6	Log/Pole	13					

309 4130 - Aspen Poletimber Well 63.3 37 81-110 N/A

Well stocked aspen stand with scattered wet pockets. There are 2 old administrative access roads through the stand.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen	65	Pole	7	37	Red Maple	Low	>20 feet	Sapling
White Pine	4	Log/Pole	12		Balsam Fir	Low	5 - 10 feet	Sapling
Black/Red (Hybrid) Oak	10	Pole	8		White Pine	Low	10 - 20 feet	Sapling
Red Pine	1	Log	13					
Paper Birch	5	Pole	7					
Red Maple	15	Pole	7					

310 4130 - Aspen Poletimber Well 18.3 32 81-110 N/A

Cut under "Pineway Aspen" 73-060-92. Well stocked aspen stand with scattered lowland alder thickets.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen	80	Pole	6	32	White Pine	Low	5 - 10 feet	Sapling
Red Pine	2	Pole	6		Paper Birch	Low	10 - 20 feet	Sapling
White Pine	3	Pole	6		Tag Alder	Low	5 - 10 feet	Tall Shrub
Paper Birch	10	Pole	6		Willow spp.	Low	5 - 10 feet	Tall Shrub
Black/Red (Hybrid) Oak	5	Pole	9					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments			
311	6127 - Lowland Pine	Sawtimber Poor	3.7	48	51-80	N/A	Lowland leather leaf bog with a pocket of log white pine, pushing stand into the 25-30% canopy cover.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
White Pine		85	Log/Pole	12	48	Tag Alder		Medium	5 - 10 feet	Tall Shrub
Paper Birch		5	Pole	7		Red Maple		Low	5 - 10 feet	Sapling
Red Maple		10	Pole	6		White Pine		Low	10 - 20 feet	Sapling
312	4130 - Aspen	Poletimber Well	13.3	49	81-110	N/A				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
White Pine		5	Pole/Log	9		Black Cherry		Low	>20 feet	Pole
Bigtooth Aspen		75	Pole/Log	8	49	Tag Alder		Low	5 - 10 feet	Tall Shrub
Black/Red (Hybrid) Oak		10	Log/Pole	11		White Pine		Low	10 - 20 feet	Sapling
Red Maple		10	Pole	8		Black/Red (Hybrid) Oak	Low	5 - 10 feet	Sapling	
314	4131 - Aspen, Oak	Sawtimber Medium	5.4	71		N/A	Scattered drainages and low areas, including some deep drainages draining into Secord Lake. Leave as visual buffer for lake and adjacent homes and heavily traveled road.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
White Pine		3	Log	16		Hawthorn (spp.)		Low	10 - 20 feet	Tall Shrub
Paper Birch		5	Pole	7		Paper Birch		Low	>20 feet	Sapling
Black/Red (Hybrid) Oak		20	Log	12		Black/Red (Hybrid) Oak		Low	5 - 10 feet	Sapling
Red Maple		15	Log	12		Red Maple	Low	>20 feet	Sapling	
Bigtooth Aspen		57	Log/Pole	11	71					
315	6112 - Lowland Aspen	Poletimber Well	13.9	37	81-110	N/A	Lowland aspen stand surrounded by the larger upland aspen stand. Harvest will need to be during dry summer or frozen winter months. Less basal area and a higher percentage of red maple.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Quaking Aspen		75	Pole	7	37	Red Maple		Low	>20 feet	Sapling
Paper Birch		5	Pole	6		Tag Alder		Low	10 - 20 feet	Tall Shrub
Red Maple		20	Pole	7						
316	500 - Water	Nonstocked	1.0			No				