



# Compartment Review Presentation

Gladwin Forest Management Unit

Compartment 73046

Entry Year 2027

Acreage: 5,735

County: Gladwin

Management Area: Gladwin Lake Plain

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**Stand Examiner:** Steve Nyhoff

**Legal Description:**

T19N-R1E Sections 12 and 13;  
T19N-R2E Sections 2, 3, 7 thru 10, and 14 thru 18.

**Identified Planning Goals:**

The general compartment area has been managed for early successional aspen and jack pine cover types over the past forty plus years. Continue to manage the compartment for the current cover types where possible. In areas of regeneration failures consider the flat planting of conifers. Much of the compartment has a high-water table, so trenching and planting will not be the best choice. In the stands that are inoperable due to wetness, allow them to convert to later successional types. This will over time increase the amount of swamp hardwoods, white pine, and tamarack within the compartment thus contributing to additional biodiversity.

**Soil and topography:**

The soils within this compartment are variable. They range from well drained Rosseau fine sands to moderately drained Croswell-AuGres-Roscommon sands to poorly drained Roscommon-Defors sands. These soil associations have a large variety of inclusions from dry, sandy soils to mucky soils. This leads to a terrain that is dominated by hummocky ground as well as areas with ridge and swale topography. Most of the stands have a mix of upland and lowland soils. The Molasses River serves as the compartment's eastern border and the flood plain is dominated by Evart-Winterfield soil complex. The Molasses River has steep slopes bordering the river. The slopes contain numerous seeps.

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

The compartment is approximately eight- and one-half contiguous sections of State Forest land. About three quarters of the compartment is surrounded by State Forest. Sections 7, 12, and 13 are surrounded by private parcels. Most of them are 40 plus acres. They are used for farming and recreation. The private land at the southwestern corner has some small tracks.

**Unique Natural Features:**

The Michigan Natural Features Inventory identifies the occurrence of Red-shouldered hawk (*Buteo lineatus*), within the compartment.

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

No known occurrences are identified within the Michigan History Center Archaeological database.

**Special Management Designations or Considerations:**

None, however, the compartment lies just south of compartment 41 which is the Lame Duck Foot Access Area and the Gladwin Management Unit's GEM.

**Watershed and Fisheries Considerations:**

The Compartment's eastern border is the Molasses River; a warm water stream which is a tributary of the Tittabawassee River.

**Wildlife Habitat Considerations:**

Both upland and lowland systems are present, making it suitable for several wildlife species. Most 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, red-eyed vireo, white-breasted nuthatch, tufted titmouse, black-capped chickadees, eastern kingbirds and northern flicker. The compartment is easily accessible to hunters via Wildwood Road and Secord Dam Road.

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

No active sand/gravel operations are known to exist in the area, and potential for development of sand & gravel within the compartment may be limited due to the presence of a shallow water table and wetlands, which could inhibit surface mining. Historically, some minor oil production occurred just west of the compartment, but there has been no recent production or

any recent well permit activity in the area in several decades. The nearest oil & gas leasing activity involving State-owned mineral rights is one mile away. Potential for future oil & gas production within the compartment is considered low at this time. No known potential exists for commercial production of metallic minerals in this part of the state.

#### **Vehicle Access:**

The main access is via 3 county roads. Sterling Truck Trail along the north edge, Wildwood in the west end, and Secord Dam Road along the south edge. The access to the interior is via several existing two-tracks. Most of the two tracks are closed to ORVs.

#### **Survey Needs:**

Much of the state land is surrounded by state ownership. The private land has been heavily surveyed. No survey is needed currently.

#### **Recreational Facilities and Opportunities:**

Michigan Cross Country Cycle Trail occurs on Sterling Truck Trail on the north boundary. The area is extensively used for dispersed camping. This mainly occurs during the firearm deer hunting season. The area is also used by disperse campers in the spring and summer but to a much lower degree. These often include equestrian users.

#### **Fire Protection:**

Three county roads provide access for fire suppression equipment from the compartment's north via Sterling Truck Trail and south via Secord Dam Road and through the interior of its west half via Wildwood Road. Much of the compartment is transected by lowland forests and brush, which could hinder suppression activities. However, the same terrain will impede rapid rates of fire spread. Access from the east is impossible due to the Molasses River boundary.

#### **Additional Compartment Information:**

Emeral Ash Borer (EAB) has removed almost all the ash. This has caused some conversion from well forested swamp hardwood stands to poorly stocked or even non-forested. There are areas of ash regeneration. However, the advanced regeneration is still being hit by EAB when it reaches 2 to 3 inches in diameter.

#### **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: 73046  
T19N R 01E 12,13  
County: Gladwin  
Unit: Gladwin  
Mgmt. Area: Gladwin Lake Plain  
YOE: 2027  
Acres: 5,735 GIS Calculated  
Examiner: Steve Nyhoff  
Date Exported: 5/27/2025  
Map Phase: Pre-Review



0 0.5 1 Miles

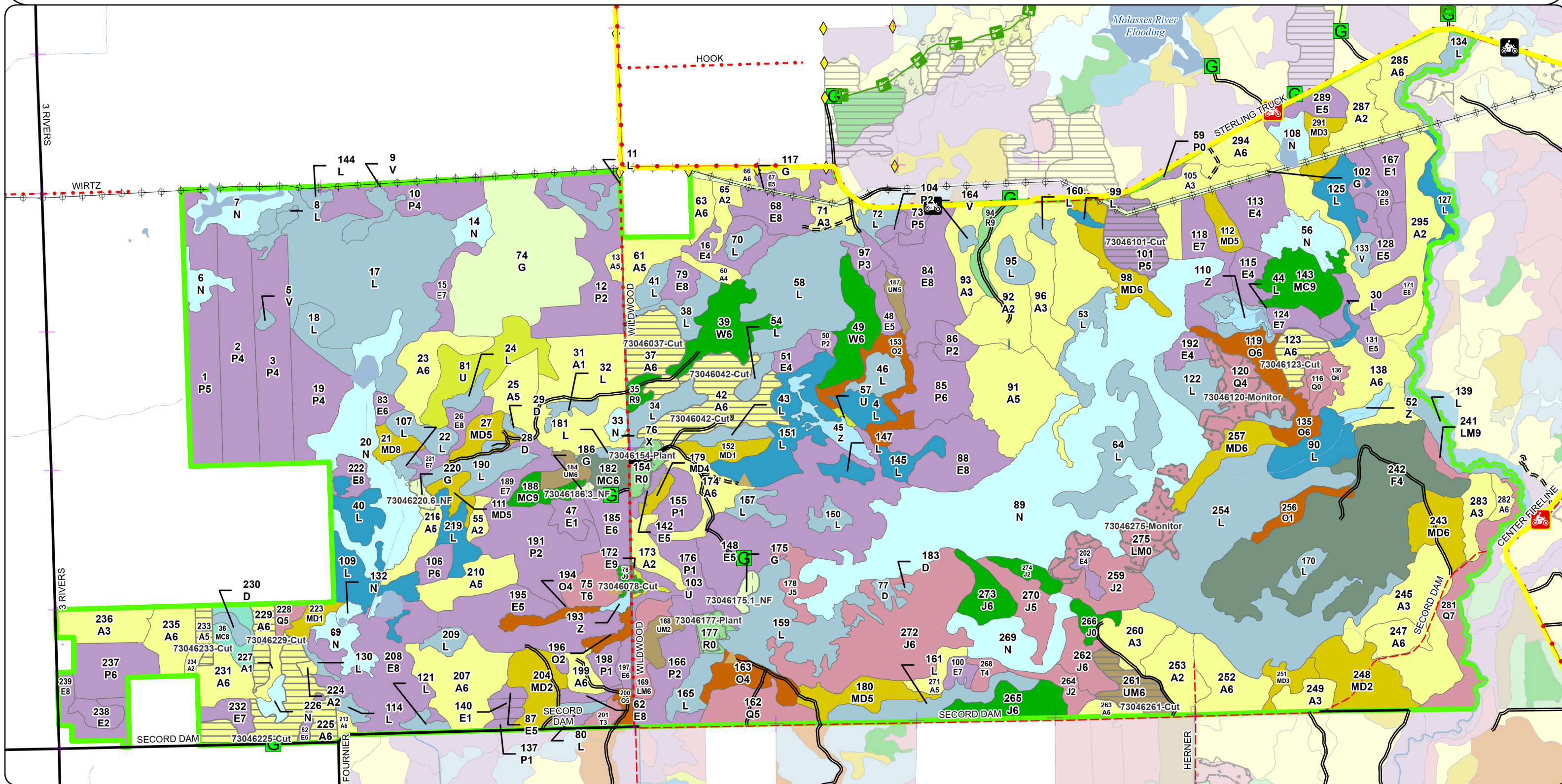
- Remonumented Section Corners
- Survey Grade Corners
- Berms
- Gate
- Culvert
- Designated Hunter Walking Trails
- Designated MCCCT Trails
- DNR - Secondary Forest Road

- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Intermittent Stream
- Perennial River
- Lakes and Rivers
- Counties
- Powerline

- Compartment Boundary
- Clearcut
- Planting (tree species)
- Openings Mgmt.
- Monitoring - Regeneration
- 412 - Oak Types
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines

- 422 - Natural Pines
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 500 - Water
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 122 - Road/Parking Lot

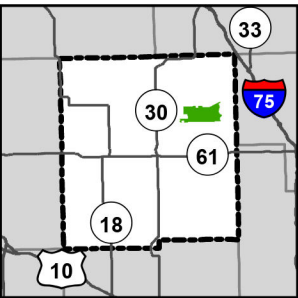
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- 629 - Mixed non-forested Wetland



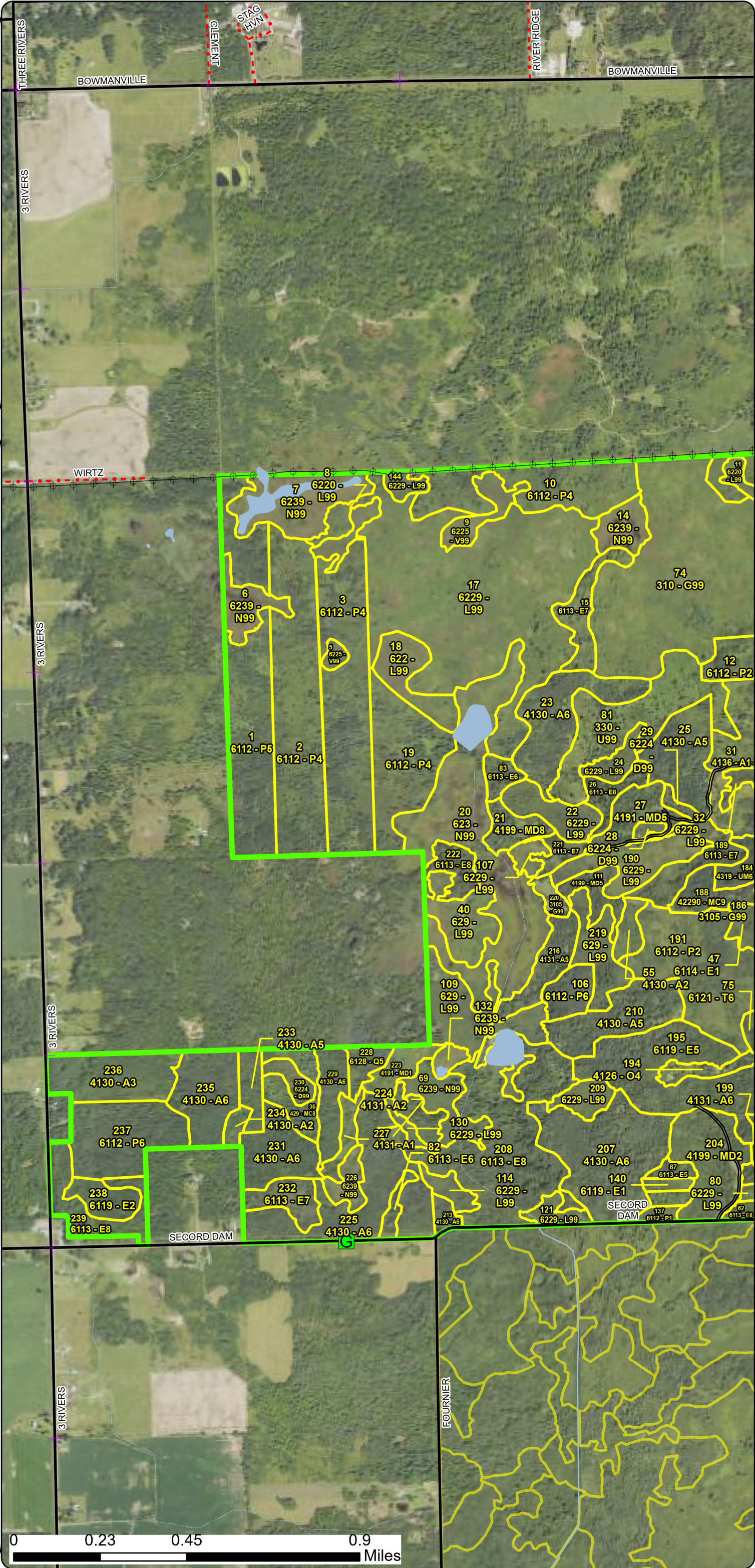


Stand Boundary Map

Compartment: 73046  
T19N R 01E 12,13  
County: Gladwin  
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Acres: 5,734.70 GIS Calculated  
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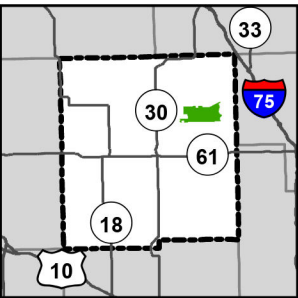
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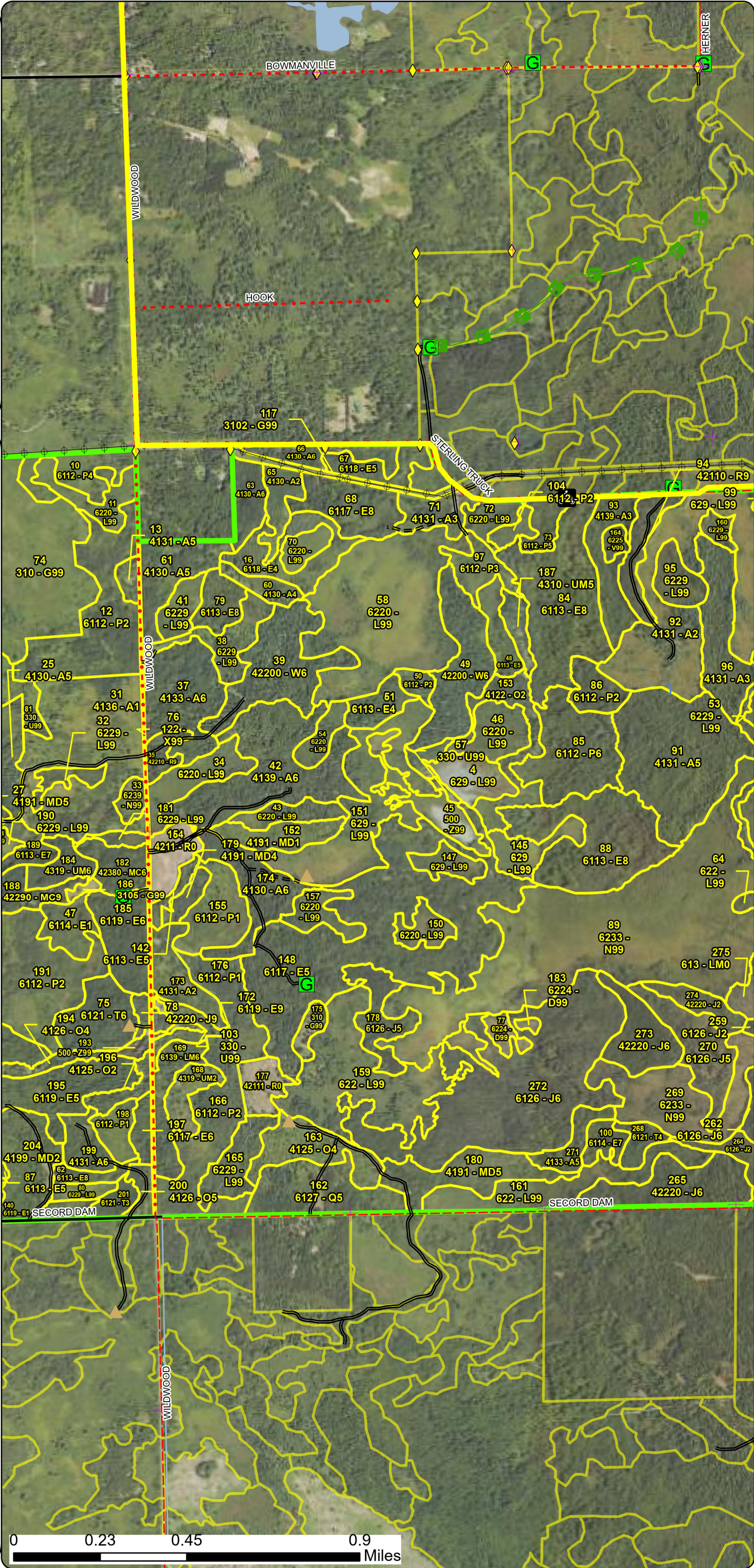


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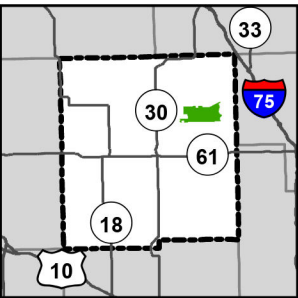
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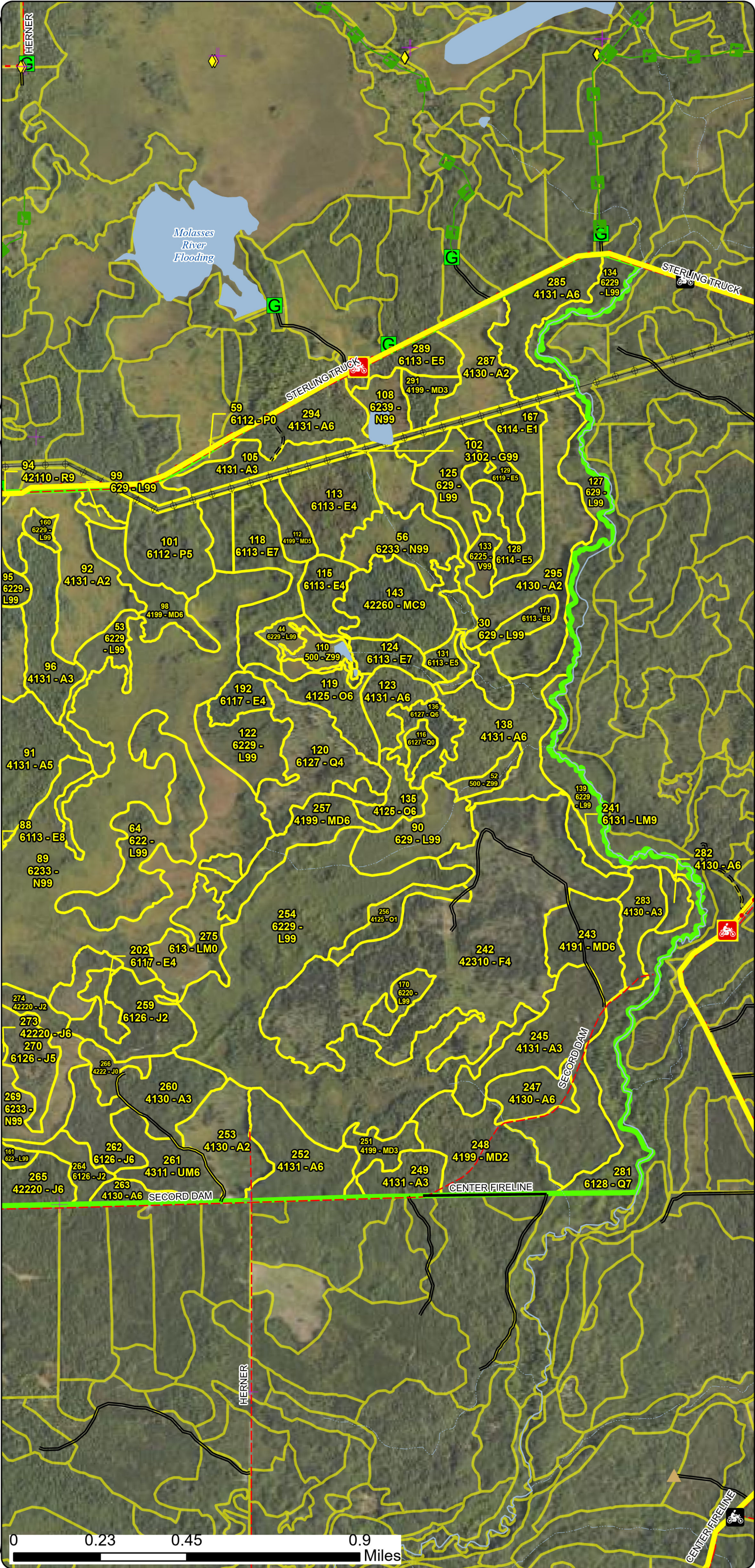


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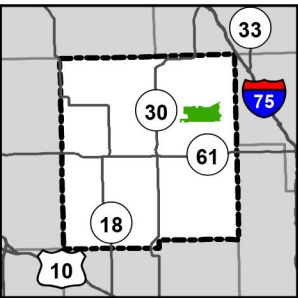
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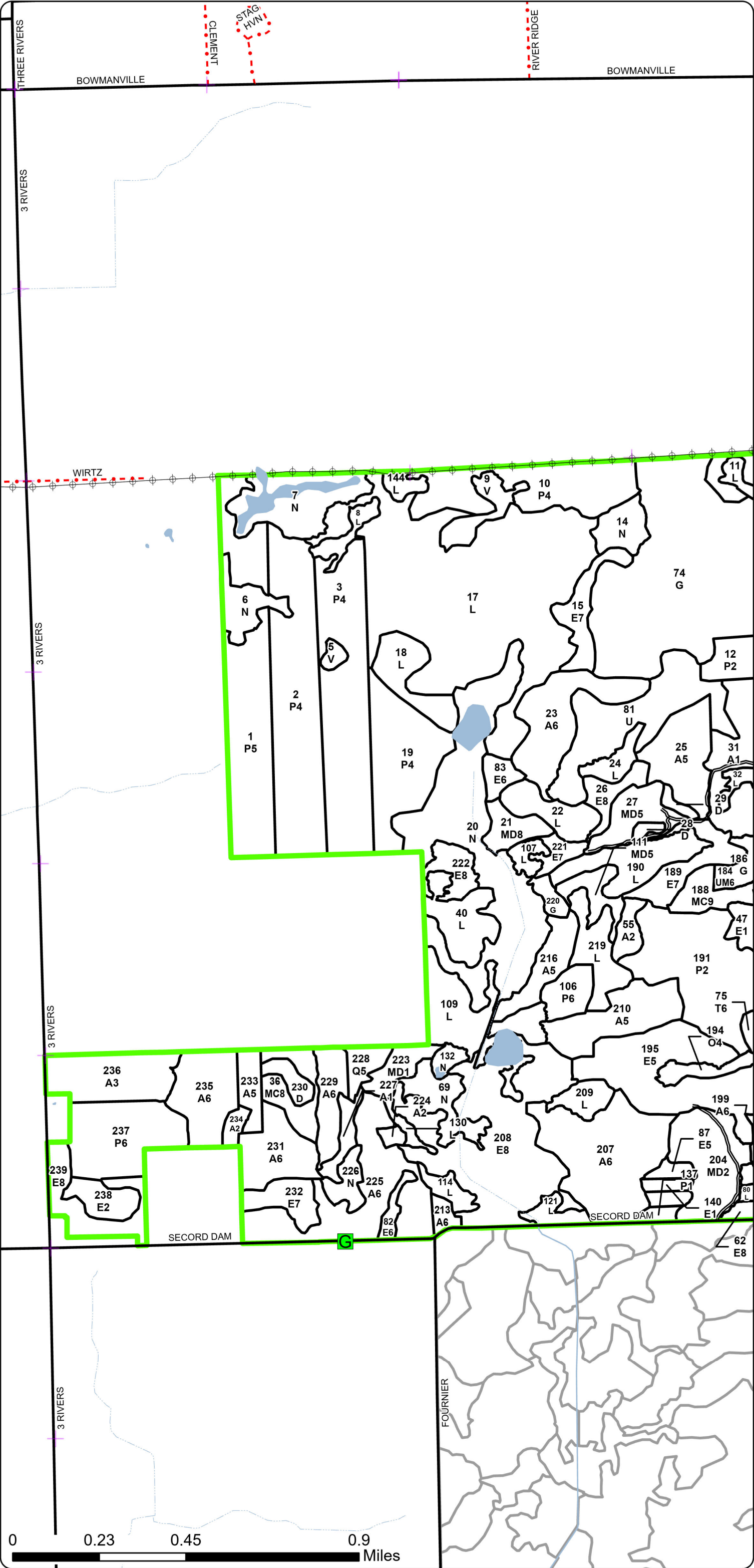


Special Conservation Areas  
& Site Conditions Map

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- Compartment Boundary
- Stand Boundaries













# Report 1 – Total Acres by Cover Type and Age Class



## Age Class

	NonForest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Uneven-Aged	Total
Aspen	0	276	143	193	414	112	66	0	0	4	0	0	0	0	0	0	0	0	1208
Bog	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21
Herbaceous Openland	153	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	153
Jack Pine	8	0	20	45	27	15	18	4	129	0	0	0	0	0	0	0	0	0	264
Low-Density Trees	44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44
Lowland Aspen/Balsam Poplar	3	0	152	58	120	96	178	0	0	0	0	0	0	0	0	0	0	0	607
Lowland Conifers	4	0	0	0	0	28	0	48	6	0	0	0	38	0	0	0	0	0	124
Lowland Deciduous	0	0	27	6	39	195	40	54	117	113	66	60	0	0	0	0	0	62	779
Lowland Mixed Forest	36	0	0	0	0	0	0	0	14	0	0	0	6	0	0	0	0	0	56
Lowland Shrub	1077	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1076
Marsh	556	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	556
Mixed Upland Deciduous	0	0	113	14	67	43	0	5	0	0	9	0	0	0	0	0	0	0	250
Natural Mixed Pines	0	0	0	0	0	0	0	0	0	11	35	0	0	0	0	0	0	0	46
Oak	0	11	0	0	52	20	0	0	20	0	0	0	0	0	0	0	0	0	103
Red Pine	21	0	0	0	0	0	0	13	6	0	0	0	0	0	0	0	0	0	39
Tamarack	0	0	0	0	6	6	0	20	0	0	0	0	0	0	0	0	0	0	32
Treed Bog	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18
Upland Conifers	0	0	0	0	0	0	12	0	0	0	12	0	0	0	0	0	0	0	24
Upland Mixed Forest	0	9	0	6	9	0	22	0	0	0	0	0	0	0	0	0	0	0	46
Upland Spruce/Fir	0	0	0	0	0	0	0	186	0	0	0	0	0	0	0	0	0	0	186
Urban	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Water	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30
White Pine	0	0	0	0	0	35	0	0	30	0	0	0	0	0	0	0	0	0	65
<b>Total</b>	<b>1979</b>	<b>296</b>	<b>455</b>	<b>322</b>	<b>734</b>	<b>550</b>	<b>336</b>	<b>330</b>	<b>322</b>	<b>128</b>	<b>122</b>	<b>60</b>	<b>44</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>62</b>	<b>5735</b>





## Report 2 – Treatment Summary

Gladwin Mgt. Unit  
Year of Entry: 2027

Acres of Harvest

Compartment 46  
Total Compartment Acres: 5,735

Commercial Harvest - 428  
Harvests with Site Condition - 0  
Next Step Harvest - 0  
Habitat Cut - 0

### Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overstory Removal	Salvage	Other	Total Acres
Aspen	164	0	0	0	0	0	0	0	0	164
Jack Pine	4	0	0	0	0	0	0	0	0	4
Lowland Aspen/Balsam Poplar	32	0	0	0	0	0	0	0	0	32
Upland Mixed Forest	22	0	0	0	0	0	0	0	0	22
Total	222	0	0	0	0	0	0	0	0	222

### Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	222	0	19	0	0	0	71	0	10	321
Next Step	0	0	0	0	0	0	245	0	0	245
Total	222	0	19	0	0	0	316	0	10	566





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

<b>233</b>	<b>73046233-Cut</b>	7.5	4130 - Aspen	5	54	51-80	Harvest	Clearcut	413 - Aspen	Planting Record	No
<u>Prescription</u> Harvested as a clearcut without retention. This is because of its small acreage. The harvest would be best if done during dormancy. Include <u>Specs:</u> the Gladwin Grouse Spec and No Chipping Spec.  <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u>  <u>Acceptable</u> medium or better stocking of aspen mixed with maple, oak and conifer. There will be areas of poor regeneration because of wetness. <u>Regen:</u> <u>Other</u> <u>Comment:</u>  <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026											
<b>229</b>	<b>73046229-Cut</b>	12.5	4130 - Aspen	6	54	81-110	Harvest	Clearcut	413 - Aspen	Planting Record	No
<u>Prescription</u> Harvest the stand as a clear cut of all species 2" or greater. Do not cut any conifer or green marked trees. Focus the marking on XL pine and <u>Specs:</u> cavity trees. Harvest would be best if done during dormancy. Include the Gladwin Grouse Spec and No Chipping Spec.  <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u>  <u>Acceptable</u> medium or better stocking of aspen. <u>Regen:</u> <u>Other</u> <u>Comment:</u>  <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026											
<b>225</b>	<b>73046225-Cut</b>	45.1	4130 - Aspen	6	53	111- 140	Harvest	Clearcut	413 - Aspen	Planting Record	No
<u>Prescription</u> Harvest the stand as a clearcut with retention. The retention should be placed to protect the wetter pockets. No chipping, leave the tops to <u>Specs:</u> lessen the ORV activity. Harvest during dormancy is preferred. Include the Gladwin Grouse Spec and No Chipping Spec.  <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u>  <u>Acceptable</u> medium or better stocking of aspen or other hardwoods. <u>Regen:</u> <u>Other</u> <u>Comment:</u>  <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026											





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

220 73046220.6\_N 3.7 3105 - Mixed 99 NonForestMgt Openings Mgmt. 3105 - Mixed Previous No  
F Upland Herbaceous Inventory Cut

Prescription Stand to be maintained as a wildlife opening by Wildlife Division. Treatments may include: cultivating, planting of annual cover types, planting of perennial cover types, application of lime, application of herbicide and mowing.

Next Step  
Treatments:

Acceptable  
Regen:

Other  
Comment:

Site Condition:

Proposed Start Date: 10/01/2026

186 73046186.3\_N 1.5 3105 - Mixed 99 NonForestMgt Openings Mgmt. 3105 - Mixed Previous No  
F Upland Herbaceous Inventory Cut

Prescription Stand to be maintained as a wildlife opening by Wildlife Division. Treatments may include: cultivating, planting of annual cover types, planting of perennial cover types, application of lime, application of herbicide and mowing.

Next Step  
Treatments:

Acceptable  
Regen:

Other  
Comment:

Site Condition:

Proposed Start Date: 10/01/2026

275 73046275- 35.9 613 - Lowland 0 5 Immatu Monitoring Monitoring - 611 - Lowland Planting No  
Monitor Mixed Forest re Regeneration Deciduous Record Cut  
Forest

Prescription monitor natural regeneration

Specs:

Next Step  
Treatments:

Acceptable medium stocking of mixed species

Regen:

Other  
Comment:

Site Condition:

Proposed Start Date: 10/01/2028





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

**261 73046261-Cut** 21.8 4311 - Pine, Aspen 6 51 51-80 Harvest Clearcut 4319 - Mixed Upland Forest Planting Record No  
Mix

Prescription Harvest as a clearcut with retaining. The retention should be in pockets. Also mark some oak and pine. Include the Gladwin Grouse Spec  
Specs: and No Chipping Spec.

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

Acceptable medium or better stocking of maple, aspen, and oak with some seeding in of conifers.  
Regen:

Other  
Comment:

Site Condition:

Proposed Start Date: 10/01/2026

**37 73046037-Cut** 31.7 4133 - Aspen, 6 46 111- Harvest Clearcut 413 - Aspen Planting Record No  
Mixed Pine 140

Prescription Harvested the stand as a clearcut of all species but pine. The pine should be thinned down to 90 BA where it is dense. The harvest should  
Specs: be done during dormancy. Include the Gladwin Grouse Spec and No Chipping Spec.

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

Acceptable medium or better stocking of aspen and maple with white pine seeding.  
Regen:

Other Some wetter areas will need to be watched for rutting issues.  
Comment:

Site Condition:

Proposed Start Date: 10/01/2026

**123 73046123-Cut** 14.5 4131 - Aspen, Oak 6 49 81-110 Harvest Clearcut 413 - Aspen Planting Record No

Prescription Harvest the stand as a clearcut without retention because of small acreage. Harvest during the dormancy period because the access needs  
Specs: to be used during dry or frozen conditions. Retain all conifer by spec. Include the Gladwin Grouse Spec and No Chipping Spec.

Next Step  
Treatments:

Acceptable medium or better stocking of aspen mixed with maple, oak, and conifer.  
Regen:

Other  
Comment:

Site Condition:

Proposed Start Date: 10/01/2026

**120 73046120-Monitor** 35.1 6127 - Lowland Pine 4 64 1-50 Monitoring Monitoring - Regeneration 4222 - Natural Jack Pine Planting Record No

Prescription Check natural regeneration  
Specs:

Next Step  
Treatments:

Acceptable Medium or better stocking of pine and oak  
Regen:

Other  
Comment:

Site Condition:

Proposed Start Date: 10/01/2028



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
<b>101 73046101-Cut</b>	31.7	6112 - Lowland Aspen	5	52	81-110	Harvest	Clearcut	6112 - Lowland Aspen	Planting Record	No
<u>Prescription</u> harvest as a clearcut with retention. The retention should be in pocket and not exceed 5% by area. The harvest should be done during dry or frozen conditions. No chipping to hinder illegal use. Include the Gladwin Grouse Spec. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> medium or better stocking of aspen and maple. There will be areas that will not regenerate well because of wetness. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										
<b>78 73046078-Cut</b>	4.3	42220 - Natural Jack Pine	9	60	51-80	Harvest	Clearcut	4319 - Mixed Upland Forest	Planting Record	No
<u>Prescription</u> harvest as a clearcut without retentions because of its small size. Leave the tops for seed and to denture illegal activity. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> medium or better stocking of jack pine, maple, and aspen. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										
<b>42 73046042-Cut</b>	52.5	4139 - Aspen, Mixed Deciduous	6	46	81-110	Harvest	Clearcut	4133 - Aspen, Mixed Pine	Planting Record	No
<u>Prescription</u> Harvest as a clear to 2 inches on all species except pine. Thin the thicker pine areas to 40-50 BA. Include the Gladwin Grouse Spec and No <u>Specs:</u> Chipping. <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Medium or better stocking of aspen mixed with maple and pine. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										
<b>175 73046175.1_N F</b>	4.8	310 - Herbaceous Openland	99			NonForestMgt	Openings Mgmt.	3105 - Mixed Upland Herbaceous	Previous Inventory	No
<u>Prescription</u> Stand to be maintained as a wildlife opening by Wildlife Division. Treatments may include: cultivating, planting of annual cover types, planting of perennial cover types, application of lime, application of herbicide and mowing. <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> 10/01/2026										





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

177	73046177- Plant	7.5	42111 - Planted Red Pine, Mixed Deciduous	0	1	Immatur e	Planting		42111 - Planted Red Pine, Mixed Deciduous	Planting Record	No
<u>Prescription</u> Interplant red pine among retained white oak. <u>Specs:</u> <u>Next Step</u> ; Monitoring, Artificial Regen; Monitoring, Artificial Regen (3yr) <u>Treatments:</u> <u>Acceptable</u> A mix of planted red pine with white oak and some other mixed deciduous species will be acceptable. <u>Regen:</u> <u>Other</u> Percent to Treat = 100% <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2024											
154	73046154- Plant	11.3	4211 - Planted Red Pine	0	1	Immatur e	Planting		42110 - Planted Red Pine	Planting Record	No
<u>Prescription</u> Plant red pine. <u>Specs:</u> <u>Next Step</u> ; ; Monitoring, Artificial Regen; Monitoring, Artificial Regen (3yr) <u>Treatments:</u> <u>Acceptable</u> Medium to fully stocked planted red pine is acceptable. <u>Regen:</u> <u>Other</u> Percent to Treat = 100% <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2024											

**Total Treatment** 0  
**Acreage Proposed:**



# Report 4 – Site Conditions

Gladwin Mgt. Unit  
Steve Nyhoff: Examiner

Compartment: 46  
Year of Entry: 2027



## Availability for Management

Total Acres    Acres Available    Acres With Condition    Acres Not Available

## Dominant Site Conditions

5C    2A    2G    2H    3D    3J    5E

1139	1131	0	9	Aspen					4		5
21	21	0	0	Bog							
153	153	0	0	Herbaceous Openland							
265	119	0	147	Jack Pine			147				
42	42	0	0	Low-Density Trees			0				
606	341	0	266	Lowland Aspen/Balsam Poplar		224	42				
124	63	0	61	Lowland Conifers			23			38	
777	339	51	387	Lowland Deciduous	51		378	9			
48	42	0	7	Lowland Mixed Forest			7				
1067	1050	0	17	Lowland Shrub			17				
549	545	0	4	Marsh		4					
251	251	0	0	Mixed Upland Deciduous							
46	11	0	35	Natural Mixed Pines				35			
102	102	0	0	Oak							
39	39	0	0	Red Pine							
32	20	0	12	Tamarack			12				
18	18	0	0	Treed Bog							
24	25	0	0	Upland Conifers							
46	46	0	0	Upland Mixed Forest							
186	186	0	0	Upland Spruce/Fir							
8	8	0	0	Urban							
30	30	0	0	Water							
65	65	0	0	White Pine							
5,639	4,644	51	944	Total Forested Acres	51	229	625	44	4	38	5
	82%	1%	17%	Relative Percent							

\*Due to limitations in the current Site Conditions Analysis tool, all nonforested acres are considered available. Future development will enable analysis of nonforested types.

Site No.	Dominant Site Cond	Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable		2G: Too wet (sensitive soils, does not include access issues)	22	Unspecified	Unspecified	Unspecified	Unspecified
Comments:								



# Report 4 – Site Conditions

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2	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	38	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
3	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
4	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	52	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	14	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	14	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							



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7	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	34	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
8	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	18	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
10	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	13	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
11	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	107	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
12	Unavailable	2A: Adjacent landowner denied access	229	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
13	Unavailable	3D: Recreational/scenic values	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							



# Report 4 – Site Conditions

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14	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	40	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> True swamp. Very wet. Emerald Ash Borer infestation. 80% mortality of ash component..							
15	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	13	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
16	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	7	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
17	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	6	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
18	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	9	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							



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19	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
20	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
21	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	77	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
22	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
24	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

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25	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
26	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
27	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	51	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Ash was selectively harvested from this stand in 2012. BA is now around 80. Hold for ten years to reevaluate.							
28	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	18	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
29	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
30	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	15	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							



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31	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
32	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	28	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
33	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
35	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
36	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	13	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
37	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

# Report 4 – Site Conditions

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38	Unavailable	5E: Long-Term Retention	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
39	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
40	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
41	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
42	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
43	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							



## Report 4 – Site Conditions

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44	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	17	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
45	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	35	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
48	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
51	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
79	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Gladwin Mgt. Unit  
Steve Nyhoff: Examiner

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



Mgt. Unit

Compartment: #Type!

Year of Entry:

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

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
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Comments
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																												
1	6112 - Lowland Aspen	Sapling Medium	59.2	38	51-80	N/A	This is a highly variable stand. It is a mixture of uplands and lowlands at a 45 to 50 mix. There are pockets of lowland shrubs and leather leaf. The trees are somewhat patchy. The crown closure goes from 0 to 100%, with an average of 60%. The terrain is hummocky. It was habitat cut in 1987. The access is difficult. It may not be feasible for commercial harvest. Allowable access through private is unknown.																																												
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>White Pine</td><td>5</td><td></td><td>5</td><td></td></tr><tr><td>Tamarack</td><td>5</td><td>Sapling</td><td>6</td><td></td></tr><tr><td>Quaking Aspen</td><td>30</td><td>Sapling</td><td>5</td><td>38</td></tr><tr><td>Red Maple</td><td>30</td><td>Sapling</td><td>5</td><td>38</td></tr><tr><td>Paper Birch</td><td>5</td><td>Pole</td><td>4</td><td></td></tr><tr><td>Bigtooth Aspen</td><td>25</td><td>Sapling</td><td>6</td><td>38</td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		White Pine	5		5		Tamarack	5	Sapling	6		Quaking Aspen	30	Sapling	5	38	Red Maple	30	Sapling	5	38	Paper Birch	5	Pole	4		Bigtooth Aspen	25	Sapling	6	38	<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Tag Alder</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Michigan Holly</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Medium	5 - 10 feet	5 - 10 feet	Michigan Holly	Medium	5 - 10 feet	5 - 10 feet
Canopy Species	% Cover	Size Class	DBH	Age																																															
White Pine	5		5																																																
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Michigan Holly	Medium	5 - 10 feet	5 - 10 feet																																																
2	6112 - Lowland Aspen	Poletimber Poor	66.2	52	1-50	N/A	The stand was habitat cut in 1973 by a D7 with a K-blade. It is poorly stocked. The crown closure goes from 0 to 75% with an average of 25%. Overall, the stand could possibly be considered non-forested. Allowable private access is unknown.																																												
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>White Pine</td><td>5</td><td></td><td>5</td><td></td></tr><tr><td>Quaking Aspen</td><td>40</td><td></td><td>6</td><td>52</td></tr><tr><td>Tamarack</td><td>10</td><td></td><td>8</td><td></td></tr><tr><td>Red Maple</td><td>30</td><td>Sapling</td><td>6</td><td></td></tr><tr><td>Paper Birch</td><td>5</td><td>Sapling</td><td>6</td><td></td></tr><tr><td>Bigtooth Aspen</td><td>10</td><td></td><td>8</td><td>52</td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		White Pine	5		5		Quaking Aspen	40		6	52	Tamarack	10		8		Red Maple	30	Sapling	6		Paper Birch	5	Sapling	6		Bigtooth Aspen	10		8	52	<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Alder</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Michigan Holly</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Alder	Medium	5 - 10 feet	5 - 10 feet	Michigan Holly	Medium	5 - 10 feet	5 - 10 feet
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Michigan Holly	Medium	5 - 10 feet	5 - 10 feet																																																
3	6112 - Lowland Aspen	Sapling Poor	61.3	38	1-50	N/A	This stand was habitat cut in 1987. It has patchy regeneration. It is difficult to access. The terrain is hummocky. There are inclusions of lowland shrubs and areas of upland herbaceous. The quaking aspen has significant black knots making the quality low. The white pine in the stand is heavily weevilled. The crown closure goes from 15 to 100% with an average of 65%. Allowable private access is unknown.																																												
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Bigtooth Aspen</td><td>25</td><td>Sapling</td><td>6</td><td>38</td></tr><tr><td>White Pine</td><td>15</td><td></td><td>10</td><td></td></tr><tr><td>Tamarack</td><td>10</td><td>Sapling</td><td>6</td><td></td></tr><tr><td>Quaking Aspen</td><td>50</td><td>Sapling</td><td>5</td><td>38</td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Bigtooth Aspen	25	Sapling	6	38	White Pine	15		10		Tamarack	10	Sapling	6		Quaking Aspen	50	Sapling	5	38	<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Alder</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Michigan Holly</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Alder	Low	5 - 10 feet	5 - 10 feet	Michigan Holly	Medium	5 - 10 feet	5 - 10 feet										
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4	629 - Mixed non-forested Wetland	Unspecified	12.4			No	The stand is a beaver flooding. The water is very low, and it is currently more of a mud flat. The perimeter is more of a wet meadow. The beavers are starting to take down the oaks outside of the flooding. They connected it to stand 45 by a beaver run.																																												
5	6225 - Bog	Unspecified	2.3			No	The stand is a depression of lowland shrubs, mainly leatherleaf, with scattered trees. The trees are mainly tamarack and white pine.																																												
6	6239 - Mixed Emergent Wetland	Unspecified	11.1			No	The stand is low and wet. It looks like a wet meadow with some areas of lowland shrubs. The best classification is emergent marsh.																																												
7	6239 - Mixed Emergent Wetland	Unspecified	27.6			No	This is an emergent wetland with scattered islands of trees.																																												
8	6220 - Alder/Willow	Unspecified	6.1			No	This is an area of lowland shrubs over marsh grass. It is wetter than the surrounding stand.																																												
9	6225 - Bog	Unspecified	9.6			No	The stand is mainly leather leaf with areas of lowland shrubs. The lowland shrubs are mainly holly mixed with alder.																																												
		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Tag Alder</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height		Size	Tag Alder	Medium	5 - 10 feet	5 - 10 feet																																							
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																		
10	6112 - Lowland Aspen	Sapling Poor	53.8	48	1-50	N/A	The stand was habitat cut in 1977. The stand is decadent with poorly formed aspen and very poor stocking. The trees in the stand are in patches and have low density. Much of the stand has converted to lowland shrubs.																																		
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>White Pine</td><td>5</td><td>Sapling</td><td>6</td><td></td></tr><tr><td>Bigtooth Aspen</td><td>95</td><td>Sapling</td><td>5</td><td>48</td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		White Pine	5	Sapling	6		Bigtooth Aspen	95	Sapling	5	48	<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Michigan Holly</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Tag Alder</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Michigan Holly	Medium	5 - 10 feet	5 - 10 feet	Tag Alder	Medium	5 - 10 feet	5 - 10 feet										
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Michigan Holly	Medium	5 - 10 feet	5 - 10 feet																																						
Tag Alder	Medium	5 - 10 feet	5 - 10 feet																																						
11	6220 - Alder/Willow	Unspecified	12.4			No	The stand is mostly alder and holly. There is a pocket of low wet aspen. However, the crown closure is less than 25%.																																		
		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Tag Alder</td><td>Full</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height		Size	Tag Alder	Full	5 - 10 feet	5 - 10 feet																													
Sub-Canopy Species	Density	Avg. Height	Size																																						
Tag Alder	Full	5 - 10 feet	5 - 10 feet																																						
12	6112 - Lowland Aspen	Sapling Medium	44.4	28	51-80	N/A	The stand was clearcut in Miller's Tracks, sale 73-010-97. The harvest was completed in 1997. There are pockets of A6 with some open areas. It has numerous tag alder pockets. The crown closure goes from 0-100% with an average of 80%.																																		
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13	4131 - Aspen, Oak	Poletimber Medium	3.6	85	51-80	N/A	This area is a traditional hunting camp. It was retained during the 1997 harvest of stand 12. The aspens and birches are declining. The crown closure is around 60%.																																		
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14	6239 - Mixed Emergent Wetland	Unspecified	9.8			No	This is an emergent wetland made by an old beaver pond that is still holding water.																																		
15	6113 - Lowland Maple	Poletimber Medium	12.7	100	1-50	N/A	The ash is gone. The crown closure is now around 25%. The trees are in pockets and some of them are very dense. The stand is too wet for treatment. The trees density, overall, makes for low volumes and the trees are of poor quality. Leave as mature timber and let nature take its course.																																		
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16	6118 - Lowland Deciduous with Cedar	Poletimber Medium	18.9	100	1-50	N/A	The stand is mainly alder and holly with scatter pockets of swamp hardwoods and cedar. The crown closure goes from 0 to 75%, but it averages 30%.																																		
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Maple</td><td>70</td><td></td><td>8</td><td>100</td></tr><tr><td>Balsam Fir</td><td>5</td><td>Sapling</td><td>5</td><td></td></tr><tr><td>Northern White Cedar</td><td>25</td><td></td><td>9</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Red Maple	70		8	100	Balsam Fir	5	Sapling	5		Northern White Cedar	25		9		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Michigan Holly</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Tag Alder</td><td>High</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Michigan Holly	Medium	5 - 10 feet	5 - 10 feet	Tag Alder	High	5 - 10 feet	5 - 10 feet					
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17	6229 - Mixed Lowland Shrub	Unspecified	155.8			No	The stand is a mixture of uplands and lowlands at about a 45 to 55 mix. The northern half is dryer than the southern half. The uplands are mainly bracken fern and blueberry with white pine stumps scattered everywhere. The lowland varies from alder and holly to leather leaf. There are areas that are starting to seed in with jack pine and tamarack.																																		





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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																									
35	42210 - Natural Red Pine	Poletimber Well	5.9	70	81-110	N/A	The stand had a low thinning done in December of 2018 in Bald Eagle Pine 73-003-17. The oak is starting to regenerate but it is not established. There are also a couple of pockets of aspen regeneration.																																									
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36	429 - Mixed Upland Conifers	Sapling Well	12.3	90	51-80	N/A	The terrain is hummocky. The crown closure ranges from 10 to 100% with an average of 60%. Most of the overstory is made up of the white pine that were retain when it was harvested. The harvest was Secord Surrounded, sale 73-054-91, which was completed in 1994.																																									
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37	4133 - Aspen, Mixed Pine	Poletimber Well	31.7	46	111-140	N/A	The stand is a mixture of uplands and lowlands at about a 60–40 mix. The white pine was retained after harvest. The terrain is hummocky. The crown closure goes from 10-100%, with an average around 65%.																																									
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38	6229 - Mixed Lowland Shrub	Unspecifed	14.2			No	The stand is a depression with scattered swamp conifers that are heavy to white pine. The trees are on slight ridges. They are fairly dense especially along the east side. The current crown closure is close to 25%.																																									
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39	42200 - Natural White Pine	Poletimber Well	35.1	46	81-110	N/A	Overall, the white pine appears to be natural. The stand was thinned in December of 2018 in Bald Eagle Pine 73-003-17. It is mainly made up of two dry ridges that make up over 50% of the stand. There is some regeneration, but it is not extensive.																																									
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40	629 - Mixed non-forested Wetland	Unspecified	17.6			No	The stand is a mixture of uplands and lowlands. There is about 60% lowlands. The uplands are low density trees. The crown closure is less than 15%.																																									
41	6229 - Mixed Lowland Shrub	Poletimber Poor	8.3			No	The ash in the stand is now gone. It has converted to lowland shrubs with scattered trees.																																									



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
42	4139 - Aspen, Mixed Deciduous	Poletimber Well	52.6	46	81-110	N/A	The stand is mainly uplands with low pockets. The terrain is hummocky.
43	6220 - Alder/Willow	Unspecified	8.8			No	The stand is heavy to alder and holly shrubs with some scattered birch.
44	6229 - Mixed Lowland Shrub	Unspecified	9.9			No	The stand is lowland shrubs around a beaver pond. The shrubs are alder and willow.
45	500 - Water	Unspecified	14.1			No	The stand is lowland shrubs around a beaver pond. The shrubs are alder and willow.
46	6220 - Alder/Willow	Unspecified	13.4			No	This stand is heavy to tag alder and holly. There are some scattered birch and white pine.
47	6114 - Lowland Oak	Sapling Poor	11.0	18	Immature	N/A	The stand was harvested in Wildwood Aspen 73-003-03 that was completed in 2003. The stand is heavily browsed by deer. It was mechanically seeded to jack pine on March 25, 2014. FTP C73-905. The seeding did not take 3/20/17. The stand was surveyed with a 50th acre plots and came up with 1250 stems per acre. The terrain is hummocky. The mixture of uplands to lowlands is 60-40.
48	6113 - Lowland Maple	Poletimber Medium	9.4	30	51-80	N/A	This is a very wet lowland hardwood stand. It is primarily red maple as the ash has died off. The mortality has opened the canopy at the north end. Scattered younger aspen poles and paper birch make up the rest of the canopy. A dense understory of white pine saplings dominates beneath the canopy. The stand does have a drainage flowing through it. The north end is now more lowland shrubs. The terrain is hummocky.
49	42200 - Natural White Pine	Poletimber Well	30.1	70	81-110	N/A	This is a white pine dominated stand. There appears to be some variation in age groups among the pine, but the stand is predominately poles. A sub-canopy of white pine saplings makes up the understory. The density varies from low to high. Thinning was done in March of 2019 in Bald Eagle Pine 73-003-17. The stand is starting to regenerate but it is very sparse at the current time. The crown closure is closer to 75%



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																					
50	6112 - Lowland Aspen	Unspecified	3.9	28	1-50	N/A	The stand was harvested in Miller's Tracks 73-010-97 in 1997. However, no aspen was noted in the stand in 2015. It is filling in with white pine. The ground cover is marsh grass and alder. The stand is very wet. There is a ridge along the north side. Also, along stand 58 there is significant black spruce. The crown closure is around 50%.																																					
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51	6113 - Lowland Maple	Poletimber Poor	9.0	95	1-50	N/A	This area was painted out of the sale Miller's Tracks 73-010-97 because of wetness. The stand is a swamp hardwood with some aspen clones. The ash in the stand is now gone and the crown closure is now closer to 25% especially in the eastern ½.																																					
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52	500 - Water	Unspecified	5.8			No	The stand is in a depression. It looks like there is newer beaver activity in the stands around it. Overall, it is a wet lowland shrub type with standing water at the south end. The overstory has died off.																																					
53	6229 - Mixed Lowland Shrub	Unspecified	15.7			No	OIPC: The stand is a large lowland brush type with a scattering of red maple and ash. Some small areas along the edges of the stand are E6 of mainly green and black ash most are less then 1 ac in size.																																					
54	6220 - Alder/Willow	Unspecified	7.0			No	The stand is lowland shrubs with pockets of aspen and maple.																																					
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55	4130 - Aspen	Sapling Poor	5.6	18	Immature	N/A	The stand was harvested in Wildwood Aspen 73-003-03 that was completed in 2003. This stand was mechanically seeded to jack pine on March 25, 2014. When regeneration survey was done on 2/20/17 no jack pine was found but currently the regeneration is at a moderate level with a crown closure around 35%. The stand was surveyed using 50th acre plots and came up with 465 stems per acre. The stand has about 60% uplands that are ridges. The rest of the stand is lowland shrubs.																																					
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Black/Red (Hybrid) Oak</td><td>15</td><td>Log</td><td>2</td><td></td></tr><tr><td>Quaking Aspen</td><td>50</td><td>Log</td><td>2</td><td>18</td></tr><tr><td>Red Maple</td><td>15</td><td>Log</td><td>2</td><td>18</td></tr><tr><td>Bigtooth Aspen</td><td>20</td><td>Log</td><td>2</td><td></td></tr></table>			Canopy Species	% Cover	Size Class	DBH		Age	Black/Red (Hybrid) Oak	15	Log	2		Quaking Aspen	50	Log	2	18	Red Maple	15	Log	2	18	Bigtooth Aspen	20	Log	2		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Deciduous Shrubs</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Alder</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>				Sub-Canopy Species	Density	Avg. Height	Size	Deciduous Shrubs	Medium	5 - 10 feet	5 - 10 feet	Alder	Medium	5 - 10 feet	5 - 10 feet
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56	6233 - Wet Meadow	Unspecified	23.1			No	The stand was a beaver flooding but now it is drained and mainly a wet meadow. There are some islands of trees.																																					
57	330 - Low-Density Trees	Unspecified	1.1			No	This is a ridge between two floodings. The crown closure is less than 25%. Most of the trees are at the northwest end.																																					
58	6220 - Alder/Willow	Unspecified	80.3			No	The stand is mainly marsh grass and lowland shrubs. The ash in the stand is gone but there are some maples along the perimeter.																																					





Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
59	6112 - Lowland Aspen	Unspecified	3.0	6			2020 Sale Closure Comments: Units 3 and 4 of Black Bear Aspen 73-014-17 were harvested October of 2019. The stand was Clear-cut 2" and up except white pine, white cedar, and green marked trees. The regeneration is poor and is mainly multiple clumps of aspen with scattered trees throughout. The west end of the stand has regenerated to a medium stocking of oak/aspen, but it is less than 2 acres.
60	4130 - Aspen	Sapling Poor	6.4	35	1-50	N/A	The stand was harvested in Sterling Truck Trail, sale 73-016-87. It was completed in 1990. It is mainly a ridge. The regeneration is a patchy mix of aspen and oak. The soil appears to be droughty.
61	4130 - Aspen	Sapling Poor	19.6	28	1-50	N/A	The stand was harvested in Miller's Tracks, 73-010-97 in 1997. The crown closure is now around 75%. The terrain is hummocky. There are also pockets of lowland shrubs along the south side.
62	6113 - Lowland Maple	Poletimber Well	8.9	85	81-110	N/A	The ash is dead and gone. There is also not much aspen left. The crown closure is now around 70%. The terrain is hummocky.
63	4130 - Aspen	Sapling Well	10.4	35	111-140	N/A	The stand was clear cut in 1990 in Sterling Truck Trail, sale 73-016-87. The stand has some gaps. The oak is mainly in the west central portion of the stand, and they are XL logs. The terrain is hummocky.
64	622 - Lowland Shrub	Unspecified	47.2			No	This is a slightly higher area within stand 89. It has mainly tamarack and maple scattered. However, the crown closure is less than 15%. The trees are in a matrix of lowland shrubs and marsh grass.
65	4130 - Aspen	Sapling Medium	9.5	13	Immature	N/A	The stand was harvested in Secord Sterling 73-021-10, which was completed in 2012. The northern 2/3 of the stand has regenerated well. In the southern 1/3 the regeneration is moderate to poor and is a mix of aspen and oak. The crown closure goes from 25 to 100% and averages around 75%.





Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments			
73	6112 - Lowland Aspen	Poletimber Medium	7.8	53	51-80	N/A	The stand has a ridge running through the center. The low areas are sparsely treed or non-forested. The terrain is hummocky. The crown closure goes from 0-100% with an average of 55%.			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>		<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Red Maple		30	Seedling	5		Michigan Holly		Medium	5 - 10 feet	5 - 10 feet
Quaking Aspen		45	Seedling	7	53	Black/Red (Hybrid) Oak		Medium	10 - 20 feet	10 - 20 feet
Black/Red (Hybrid) Oak		10	Pole	3		White Oak		Low	10 - 20 feet	10 - 20 feet
White Pine		15		8						
74	310 - Herbaceous Openland	Unspecified	122.2			No	The stand is a mixture of uplands and lowlands at about a 55 to 45 mix. The northern half is dryer than the southern half. The uplands are mainly bracken fern and blueberry with white pine stumps scattered everywhere. The lowland varies from alder and holly to leather leaf. There are areas that are starting to seed in with tamarack and white pine.			
75	6121 - Tamarack	Poletimber Well	19.8	60	141-170	N/A	The stand is hummocky and wet. There is a lot of down wood. There are also pockets of lowland shrubs. The crown closure is around 75%.			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>	
Red Maple		15		9		Black/Red (Hybrid) Oak	Low	5 - 10 feet	5 - 10 feet	
Tamarack		75		6	60	Deciduous Shrubs	High	5 - 10 feet	5 - 10 feet	
Black/Red (Hybrid) Oak		10		6						
76	122 - Road/Parking Lot	Unspecified	7.9			No	Wildwood Road which is a county gravel road.			
77	6224 - Treed Bog	Unspecified	7.9			No	The stand has some standing water despite the dry fall in 2024. This area is a leatherleaf bog with seedling and sapling jack pine. The crown closure is around 15%.			
78	42220 - Natural Jack Pine	Poletimber Well	4.3	60	51-80	N/A	There is a lot of down wood in the stand. The aspens and jack pines are declining. The terrain is hummocky.			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>					
Tamarack		15	Seedling	8						
Jack Pine		60		10	60					
Bigtooth Aspen		25		9						
79	6113 - Lowland Maple	Sapling Poor	10.0	85	51-80	N/A	The ash is gone and a portion of the central area of the stand is now lowland shrubs. Because of the ash die off the stand has converted to maple. The aspen in the stand is declining. The stand is too wet to treat.			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>	
Black/Red (Hybrid) Oak		15		9		Deciduous Shrubs	Medium	5 - 10 feet	5 - 10 feet	
Red Maple		85		10	85					
80	6229 - Mixed Lowland Shrub	Unspecified	4.1			No	Harvested in Wildwood Aspen 73-013-03 completed in 2007. It has failed to regenerate.			
81	330 - Low-Density Trees	Poletimber Poor	40.7			No	The stand was cut by a D7 with a K-blade in 1975. The stocking is very poor. There is some oak and tamarack seeding in. The soils are about 60% uplands.			
<b>Sub-Canopy Species</b>		<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>						
Tag Alder		Medium	5 - 10 feet	5 - 10 feet						
Quaking Aspen		Low	>20 feet	>20 feet						
Black/Red (Hybrid) Oak		Low	>20 feet	>20 feet						





Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
82	6113 - Lowland Maple	Poletimber Well	3.6	53	1-50	N/A	The stand is a drainage. The ash has died off. The current crown closure is now below 75%. It was part of stand 225. The drainage is too wet to harvest.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Black/Red (Hybrid) Oak	25	Sapling	6		Tag Alder	Low		5 - 10 feet	5 - 10 feet
Red Maple	65	Sapling	6	53					
Paper Birch	10	Sapling	5						
83	6113 - Lowland Maple	Poletimber Well	5.1	50	1-50	N/A	The ash is now gone, and the stand is now maple over swamp grass.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Red Maple	85		13	50	Deciduous Shrubs	High		5 - 10 feet	5 - 10 feet
Quaking Aspen	15		12	50					
84	6113 - Lowland Maple	Poletimber Medium	51.1	90	81-110	N/A	Part of the stand was harvested in Hard Luck Sale 73-013-08 which was completed in 2012. The stand has a slightly dryer ridges scattered throughout. Overall, it is low and wet and there appears to be some sort of drainage that shows up on the 1998 imagery. With the ash being harvested and the mortality, the density is not high enough to prescribe. The aspen in the stand is now overmature and will not regenerate on the wetter soils. The crown closure goes from 20 to 100% having an average around 60%. Hold for ten more years and reevaluate.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
White Pine	5		13		Red Maple	Low		>20 feet	>20 feet
Red Maple	70		10	90	Michigan Holly	Medium		5 - 10 feet	5 - 10 feet
Paper Birch	15		9		Musclewood/Hornbeam	Low		10 - 20 feet	10 - 20 feet
Quaking Aspen	10		12		White Oak	Low		5 - 10 feet	5 - 10 feet
					Black/Red (Hybrid) Oak	Low		5 - 10 feet	5 - 10 feet
					White Pine	Medium		Variable	Variable
85	6112 - Lowland Aspen	Poletimber Well	33.7	53	51-80	N/A	The Aspens are showing symptoms of decadence, poor form, and some shelf fungus. The ash in the stand is now gone and down on the ground. There is some regeneration of maple and ash. The stand is variable with the crown closure going from 0-100% with an average around 60%. There are areas of lowland shrubs.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Quaking Aspen	40		8		Red Maple	Medium		>20 feet	>20 feet
Black/Red (Hybrid) Oak	7	Pole	3		Tag Alder	Low		5 - 10 feet	5 - 10 feet
Red Maple	50		8	53	Michigan Holly	High		5 - 10 feet	5 - 10 feet
Paper Birch	3	Pole	4						
86	6112 - Lowland Aspen	Sapling Medium	9.7	27	Immature	N/A	The center of the stand is medium to poorly stock aspen over holly and alder. The crown closure goes from 40-100% with an average of 70%. The terrain is hummocky.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Red Maple	15	Log	3		Red Maple	Medium		5 - 10 feet	5 - 10 feet
Bigtooth Aspen	25	Pole	4		Black/Red (Hybrid) Oak	Low		5 - 10 feet	5 - 10 feet
Black/Red (Hybrid) Oak	5	Log	2		Musclewood/Hornbeam	Low		5 - 10 feet	5 - 10 feet
White Pine	5	Log	3		Michigan Holly	Low		5 - 10 feet	5 - 10 feet
Quaking Aspen	50	Log	4	27					
87	6113 - Lowland Maple	Poletimber Well	5.8	85	51-80	N/A	The center of the stand is medium to poorly stock aspen over holly and alder. The crown closure goes from 40-100% with an average of 70%. The terrain is hummocky.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Quaking Aspen	5		14		Black/Red (Hybrid) Oak	Medium		Variable	Variable
Red Maple	75		12	85	Green Ash	Low		5 - 10 feet	5 - 10 feet
Paper Birch	5		8		Deciduous Shrubs	Medium		5 - 10 feet	5 - 10 feet
Black/Red (Hybrid) Oak	15		14		Musclewood/Hornbeam	Medium		10 - 20 feet	10 - 20 feet



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																												
88	6113 - Lowland Maple	Poletimber Poor	48.3	89	1-50	N/A	The ash is gone, and the crown closure is now closer to 50%. There are a lot of snags, and the aspen is declining. The terrain is hummocky. Also, the east side of the stand has a lower density.																																																												
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89	6233 - Wet Meadow	Unspecifed	325.2			No																																																													
90	629 - Mixed non-forested Wetland	Unspecifed	26.8			No																																																													
91	4131 - Aspen, Oak	Sapling Medium	65.5	33	1-50	N/A	The stand was harvested in Birch Ridge Sale 73-053-88 which was completed in 1992. It is a series of ridges and swales. The swales have a low density of trees with a thick under story of alder and holly. The trees are mainly maple, birch and trembling aspen. The ridges have higher density and is heavy to oak and bigtooth aspen. The crown closure goes from 10-100% with an average of 60%.																																																												
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93	4139 - Aspen, Mixed Deciduous	Sapling Well	18.4	25	Immature	N/A	The stand was clear cut in 2000 in Sterling 47, sale 73-022-98. It has regenerated to a mix of aspen, maple and oak. Overall, the aspen is in the highest quantity in number of stems. However, the stand composition may change over time. The terrain is hummocky, and the lower wetter areas are dominated by birch. The crown closure goes from 50-100% with an average of 75%.																																																												
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94	42110 - Planted Red Pine	Sawtimber Well	12.5	65	81-110	N/A	The stand was thinned in October of 2018. It was then cut in 2000 in Sterling 47, sale 73-022-98. The harvest removed all the hardwood from the red pine. The stand is on a droughty Rubicon sand ridge that drops off quickly to the east and west. Oak regeneration is starting to come in and is at a low to medium stocking.																																																	
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Bigtooth Aspen	Low	>20 feet	>20 feet																																																					
Black/Red (Hybrid) Oak	Medium	5 - 10 feet	5 - 10 feet																																																					
95	6229 - Mixed Lowland Shrub	Unspecifed	9.9			No	The stand is heavy to tag alder and holly. There are some trees along the edges.																																																	
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96	4131 - Aspen, Oak	Sapling Medium	26.4	24	Immature	N/A	The stand is a mix of uplands/lowlands, and it is about 60/40. The crown closure goes from 50-100% with an average of 80%. The droughty ridges are white pine and oak; the mid elevations are aspen, maple, and oak; and the low ground is alder, holly, birch, and maple.																																																	
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97	6112 - Lowland Aspen	Sapling Well	10.2	13	Immature	N/A	The stand was harvested in Second Sterling 73-021-10, which was completed in 2012. It has very good regeneration in general. However, the low areas are marsh grass and lowland brush with little regeneration. The uplands have the ground cover of bracken fern. It is heavy to aspen. The crown closure goes from 10 to 100%. The average is 80%.																																																	
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Quaking Aspen</td><td>40</td><td>Log</td><td>2</td><td>13</td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>15</td><td>Log</td><td>1</td><td></td></tr><tr><td>Red Maple</td><td>15</td><td>Log</td><td>1</td><td></td></tr><tr><td>Bigtooth Aspen</td><td>30</td><td>Log</td><td>2</td><td></td></tr></table>			Canopy Species	% Cover	Size Class	DBH		Age	Quaking Aspen	40	Log	2	13	Black/Red (Hybrid) Oak	15	Log	1		Red Maple	15	Log	1		Bigtooth Aspen	30	Log	2																													
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98	4199 - Other Mixed Upland Deciduous	Sapling Well	22.8	34	1-50	N/A	The stand is a ridge. The north end is heavy to aspen, but most of the stand is oak. The southern end has a significant component of saw log oak. The edges transition to lowland shrubs along the edges that boarder L0 types. Since the major species is oak, the stand should be managed for oak.																																																	
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99	629 - Mixed non-forested Wetland	Unspecified	2.6			No	The stand has cattails in the central portion, and lowland shrubs along the edges. Overall, the stand is more of a mix non-forested wetland.																																																	
100	6114 - Lowland Oak	Unspecified	6.4	99	1-50	N/A	This is a stand made up of slight upland ridges mixed with tag alder and holly swales.																																																	
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																													
124	6113 - Lowland Maple	Sawtimber Well	10.6	89	51-80	N/A	The ground is spongy and wet all year round. The trees on the plain are large and very shallow rooted. There are many wind-throws in the stand. There is a "creek" flowing through the stand from 110.																																													
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125	629 - Mixed non-forested Wetland	Unspecified	18.5			No	The stand is lowland shrubs with areas of grass and marsh.																																													
127	629 - Mixed non-forested Wetland	Unspecified	14.0			No	The stand appears to be an old beaver flooding that has since dried down. It is now mainly herbaceous plants with lowland shrubs along the perimeter and scattered in the stand.																																													
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128	6114 - Lowland Oak	Poletimber Poor	16.9	50	51-80	N/A	The stand is a mixture of uplands and lowlands. The crown closure is around 50% but goes from 10 to 80%. There are pockets of leather leaf. The harvest was a 4" clear cut. It was completed with Stand 167. The treatment was completed in the summer of 2012, in Hard Luck Sale 73-013-08																																													
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Blueberry/Bilberry/Cranberry	Medium	< 5 feet	< 5 feet																																																	
129	6119 - Mixed Lowland Deciduous Forest	Poletimber Poor	14.0	50	51-80	N/A	The stand has an old roadbed going through it. The aspen regeneration has poor form. The treatment was a 4" clear cut that occurred the same time as the harvest in Stand 167 (2012 in Hard Luck Sale 73-013-08).																																													
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Black/Red (Hybrid) Oak</td><td>45</td><td>Sapling</td><td>5</td><td>50</td></tr><tr><td>White Pine</td><td>5</td><td></td><td>8</td><td></td></tr><tr><td>Red Maple</td><td>25</td><td></td><td>6</td><td></td></tr><tr><td>Paper Birch</td><td>5</td><td>Pole</td><td>4</td><td></td></tr><tr><td>Quaking Aspen</td><td>20</td><td>Seedling</td><td>5</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Black/Red (Hybrid) Oak	45	Sapling	5	50	White Pine	5		8		Red Maple	25		6		Paper Birch	5	Pole	4		Quaking Aspen	20	Seedling	5		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Tag Alder</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>White Pine</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Low	5 - 10 feet	5 - 10 feet	Black/Red (Hybrid) Oak	Medium	5 - 10 feet	5 - 10 feet	White Pine	Low	5 - 10 feet	5 - 10 feet		
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130	6229 - Mixed Lowland Shrub	Unspecified	2.8			No	The stand did have some trees, but they were ash and are now gone. It is now lowland shrubs with scattered trees and open areas of marsh grass.																																													
131	6113 - Lowland Maple	Poletimber Medium	15.5	69	81-110	N/A	This stand is a long-wet swale. There is a creek flowing through the stand that has a non-forested floodplain that is narrow. Overall, the stand is a mix of uplands and lowlands and is around a 50-50 mix. Much of the larger overstory trees have now died off and it is now mainly a pole maple.																																													
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132	6239 - Mixed Emergent Wetland	Unspecified	3.4			No	The stand looks to be an old beaver flooding that is now more of an emergent marsh. The stand goes from water to lowland shrubs going north.																																													
133	6225 - Bog	Unspecified	6.1			No	This stand is a leather leaf bog with not much else in it. There are some white pine, black spruce and tamarack popping up, but they are widely scattered. There is a small pocket of black spruce in the southeast corner of the stand.																																													



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																															
134	6229 - Mixed Lowland Shrub	Sawtimber Well	12.7			No	This stand is the Molasses River flood plain. The edges of the plain are bordered by steep banks. On the inclines the stand is heavy to aspen, maple and oak. The flood plain is heavy to tag alder and willow with some areas of marsh grass. There are some scattered trees but no ash.																																															
135	4125 - Black, N. Pin Oak	Poletimber Poor	11.0	32	81-110	N/A	The stand has a mix of regeneration of aspen, black oak, and tamarack. There are also pockets of tag alder in the stand. The residual oak saw and poles have a high mortality.																																															
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136	6127 - Lowland Pine	Poletimber Poor	12.9	64	81-110	N/A	The stand is a mix of lowlands and slightly dryer ground. The lowlands have a ground cover or sensitive fern and leather leaf. The dryer areas have sheep laurel.																																															
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Apple Rose	Low	10 - 20 feet	10 - 20 feet																																																			
137	6112 - Lowland Aspen	Sapling Poor	2.6	18	Immature	N/A	The stand was harvested in Wildwood Aspen 73-013-03, which was completed in 2007. The regeneration in the stand is patchy. The stand goes from non-forested to a medium to well stocked swamp hardwoods. The terrain is hummocky.																																															
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Quaking Aspen</td><td>85</td><td>Log</td><td>2</td><td>18</td></tr><tr><td>Red Maple</td><td>10</td><td>Log</td><td>1</td><td></td></tr><tr><td>Green Ash</td><td>5</td><td>Log</td><td>2</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	85	Log	2	18	Red Maple	10	Log	1		Green Ash	5	Log	2		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Deciduous Shrubs</td><td>Full</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Deciduous Shrubs	Full	5 - 10 feet	5 - 10 feet																							
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138	4131 - Aspen, Oak	Sapling Well	45.3	33	1-50	N/A	The stand is regenerating to a light A3. The quaking aspen has poor form and lots of black knots and has a smaller diameter than the big tooth. The aspen is transitioning into poles. It has some very dry areas having the ground cover of sweet fern and reindeer moss. It also has wet areas of tag alder. Beaver have been thinning the stand along the south edge. It was harvested in Birch Ridge Sale 73-053-88 which was completed in 1992.																																															
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139	6229 - Mixed Lowland Shrub	Unspecified	19.2			No	The stand is on the molasses river flood plain. The ground is spongy and wet all year round. The trees on the plain are large and very shallow rooted and scattered. The cover type is heavy to tag alder and willow shrubs.																																															
140	6119 - Mixed Lowland Deciduous Forest	Unspecified	2.7	18	Immature	N/A	The stand was harvested in Wildwood Aspen, 73-013-03. It was completed in 2007. The east end is non-forested with phragmites. The middle of the stand is dryer with a higher percentage of aspen. The west end of the stand has significant ash regeneration.																																															
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142

6113 - Lowland Maple

Poletimber Well

3.9

65

51-80

N/A

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	70		8	65
Paper Birch	30		8	

Sub-Canopy Species	Density	Avg. Height	Size
Autumn Olive	Low	5 - 10 feet	5 - 10 feet
Red Maple	Low	10 - 20 feet	10 - 20 feet
Black/Red (Hybrid) Oak	Low	10 - 20 feet	10 - 20 feet

The ash in the stand is dead and the crown closure is now closer to 50%. The stand has a man-made drain cutting through it. It is too wet to treat, so Factor limit.

143

42260 - Natural Pine, Mixed Deciduous

Poletimber Well

34.9

96

111-140

N/A

Canopy Species	% Cover	Size Class	DBH	Age
White Pine	50		11	96
White Oak	2		12	
Red Pine	20		12	
Red Maple	10		8	
Bigtooth Aspen	18	Seedling	8	

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Medium	>20 feet	>20 feet
Black/Red (Hybrid) Oak	Full	10 - 20 feet	10 - 20 feet
White Pine	High	10 - 20 feet	10 - 20 feet

The stand has been impacted in the past by a beaver flooding which is no longer holding water. There is weevil damage evidence in the white pine. The stand has pockets of hardwoods, but the canopy is mainly white pine. The crown closure is close to 100% but there are pockets that are less.

144

6229 - Mixed Lowland Shrub

Unspecified

4.0

No

The stand is mainly tag alder and holly

145

629 - Mixed non-forested Wetland

Unspecified

11.0

No

Sub-Canopy Species	Density	Avg. Height	Size
Cattail spp.	High	Not Applicable	Not Applicable
Willow spp.	Low	5 - 10 feet	5 - 10 feet
Tag Alder	Medium	5 - 10 feet	5 - 10 feet

The stand is a mixture of marsh grass, tag alder, and willow shrub with some scattered trees. Many of the trees are now declining.

147

629 - Mixed non-forested Wetland

Unspecified

7.3

No

Sub-Canopy Species	Density	Avg. Height	Size
Cattail spp.	Low	Not Applicable	Not Applicable
Willow spp.	Medium	5 - 10 feet	5 - 10 feet
Tag Alder	Full	5 - 10 feet	5 - 10 feet

The stand is mainly lowland shrubs with scattered trees along the perimeter, especially along the western edge.

148

6117 - Lowland Deciduous, Mixed Coniferous

Poletimber Medium

121.3

41

81-110

N/A

Canopy Species	% Cover	Size Class	DBH	Age
Tamarack	22	Sapling	6	
Black/Red (Hybrid) Oak	18		7	
Jack Pine	5		6	
Red Maple	25	Sapling	7	41
Bigtooth Aspen	27	Seedling	8	41

Sub-Canopy Species	Density	Avg. Height	Size
Tag Alder	Medium	5 - 10 feet	5 - 10 feet
Sweet Fern	Low	5 - 10 feet	5 - 10 feet

The stand is about an even mix of lowlands/uplands. The northern half is dryer than the southern half. It has multiple branching ridges of mostly aspen and oak with medium stocking of other species on the wetter areas. The wettest areas are mainly tag alder and holly. The crown closure goes from 0 to 100%. The average is around 70%.

150

6220 - Alder/Willow

Unspecified

7.7

No

Sub-Canopy Species	Density	Avg. Height	Size
Tamarack	Low	>20 feet	>20 feet
Willow spp.	Medium	5 - 10 feet	5 - 10 feet
Tag Alder	Full	5 - 10 feet	5 - 10 feet

This area is a depression that is surrounded by an upland ridge. The terrain is hummocky and seasonably wet. There are dryer islands of trees.

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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
151	629 - Mixed non-forested Wetland	Unspecified	46.5			No	The stand is mainly cattails and marsh grasses mixed with lowland shrubs. There is a drainage flowing through the stand.
152	4191 - Mixed Upland Deciduous with Conifer	Sapling Poor	12.3	18	Immature	N/A	The stand is a matrix of uplands and lowlands at about 40-60 mix. There are ash saplings, but they are being killed by EAB when they are around 2" DBH. The stand was harvested in Wildwood Aspen 73-013-03, which was completed 2007. The stand was machine seeded with jack pine on 03/25/2014. The regeneration was checked in 2017. The seeded jack pine failed but the stand has 878 stems per acre.
153	4122 - Oak, Pine	Sapling Poor	22.3	35	1-50	N/A	The stand is a ridge that wanders between low ground. The crown closure is variable and goes from 0 to 100% but averages 55%. The aspen is dense at the north end, but it become sparse throughout the stand. The red pine is mainly in one pocket.
154	4211 - Planted Red Pine	Unspecified	11.4	1	Immature		The stand was harvested under contract 73-010-17, Spring Fawn Mix during the fall of 2019. It was trenched in the Spring of 2022. Then it was sprayed in August of 2024.
155	6112 - Lowland Aspen	Sapling Poor	18.7	18	Immature	N/A	The stand has patchy regeneration coming in. The ground cover is mainly marsh grass. The oak, in much of the stand, is not established. The stand is dryer in the western half. It does have pockets of wetter ground having phragmites. It was harvested in Wildwood Aspen 73-013-03, which was completed in 2007.
157	6220 - Alder/Willow	Unspecified	9.4			No	This stand is mainly maple and tamarack over tag alder. The crown closure is less than 20%.









Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																						
172	6119 - Mixed Lowland Deciduous Forest	Sawtimber Well	6.9	95	81-110	N/A	The stand is at the base of a ridge. The ash is gone. Factor limited as Too Wet. 2G																																																						
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173	4131 - Aspen, Oak	Sapling Poor	14.5	18	Immature	N/A	The stand was harvested in Wildwood Aspen 73-013-03, which was completed in 2007. The regeneration is variable. There are some areas that are well stocked and areas that are poorly stocked. There are also pockets that have come back as lowland shrubs. The crown closure goes from 15-100% with an average of 60%.																																																						
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174	4130 - Aspen	Poletimber Poor	22.4	23	1-50	N/A	The stand is on a ridge that drops down to lowlands. However, most of the stand is upland. It was harvested in Wildwood Secord Aspen 73-058-92, which was completed in 1992. The crown closure is now greater than 50%. The lower areas have regenerated heavier to tamarack with lowland shrubs. The terrain is hummocky.																																																						
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175	310 - Herbaceous Openland	Unspecified	4.8			Yes	This stand is a maintained wildlife opening.																																																						
176	6112 - Lowland Aspen	Sapling Poor	17.6	18	Immature	N/A	The stand is wet, and the regeneration is patchy. So, there are areas of thick regeneration and areas without. It was harvested in Wildwood Aspen 73-013-03, which was completed in 2007. The south end appears to be a lowland shrub type.																																																						
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177	42111 - Planted Red Pine, Mixed Deciduous	Unspecified	9.6	1	Immature		The stand was harvested under contract 73-010-17, Spring Fawn Mix during the fall of 2019. It was trenched in Spring of 2022. Then it was sprayed in August of 2024.																																																						





Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																												
185	6119 - Mixed Lowland Deciduous Forest	Poletimber Well	20.0	37	51-80	N/A	The stand is a matrix of uplands and lowlands with the mix being around 55 to 45%. The tree species grade from one type to another. There are areas high in tamarack, or aspen, or maple, and there are areas where they are a mixture. The crown closure ranges from 70 to 100% with an average of 90%.																																												
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Deciduous Shrubs	Medium	5 - 10 feet	5 - 10 feet																																																
186	3105 - Mixed Upland Herbaceous	Unspecified	1.5			Yes	This stand is a maintained wildlife opening.																																												
187	4310 - Pine, Oak Mix	Unspecified	6.4	28	51-80	N/A	The stand is a ridge that was harvested in Miller's Tracks 73-010-97, which was completed in 1997. The harvest retained the white pine. The ridge is droughty sand that slopes down to wetter hummocky sand. The white pine has been seeding in so there is some regeneration. The residual white pine has been heavily weevilled, so they have poor form. The stand has some very open areas. The average crown closure is around 55%.																																												
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Bigtooth Aspen</td><td>20</td><td>Pole</td><td>4</td><td>28</td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>30</td><td>Log</td><td>2</td><td></td></tr><tr><td>White Pine</td><td>50</td><td></td><td>7</td><td>28</td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Bigtooth Aspen	20	Pole	4	28	Black/Red (Hybrid) Oak	30	Log	2		White Pine	50		7	28	<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>White Pine</td><td>Medium</td><td>&gt;20 feet</td><td>&gt;20 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	White Pine	Medium	>20 feet	>20 feet																			
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188	42290 - Natural Mixed Pine	Poletimber Well	10.9	81	81-110	N/A	This stand is on a ridge. It is heavier to jack pine in the east and white pine in the west. There are areas of tamarack in the stand especially along the northwestern edge.																																												
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189	6113 - Lowland Maple	Poletimber Medium	14.9	81	1-50	N/A	The stand is very wet with the ground cover being marsh grass and tag alder. The oak understory is along the southeast side where it starts to become upland. The ash is dead and there are numerous openings. The crown closure is now less than 50%.																																												
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Maple</td><td>80</td><td></td><td>10</td><td>81</td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>20</td><td></td><td>8</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Red Maple	80		10	81	Black/Red (Hybrid) Oak	20		8		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Oak (spp.)</td><td>Medium</td><td>Variable</td><td>Variable</td></tr><tr><td>Deciduous Shrubs</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Tag Alder</td><td>High</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Oak (spp.)	Medium	Variable	Variable	Deciduous Shrubs	Medium	5 - 10 feet	5 - 10 feet	Tag Alder	High	5 - 10 feet	5 - 10 feet																
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190	6229 - Mixed Lowland Shrub	Unspecified	19.4			No	The stand is mainly lowland shrubs made up of alder and holly. There are scattered trees, but the crown closure is less than 5%.																																												
191	6112 - Lowland Aspen	Sapling Medium	57.1	18	Immature	N/A	The stand was harvested in Wildwood Aspen, 73-013-03, which was completed in 2007. A direct seeding treatment, FTP C73-905, was terminated because when the staff arrived to direct seed on March 25, 2014. It was determined that it was regenerating. The regeneration that does exist is variable with patches that are well stocked and areas that are non-stocked. There are also inclusions of lowland shrubs. The crown closure ranges from 0-100%, with an average of 60%.																																												
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																				
198	6112 - Lowland Aspen	Sapling Poor	8.0	18	Immature	N/A	The majority of the stand has patchy regeneration. Some areas are non-forested and wet. It was harvested in Wildwood Aspen 73-013-03 which was completed in 2007. The crown closure goes from 0 to 80% with an average of 25%.																																																				
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Black/Red (Hybrid) Oak</td><td>35</td><td>Log</td><td>2</td><td></td></tr><tr><td>Quaking Aspen</td><td>40</td><td>Log</td><td>2</td><td>18</td></tr><tr><td>Paper Birch</td><td>5</td><td>Log</td><td>1</td><td></td></tr><tr><td>Green Ash</td><td>20</td><td>Log</td><td>1</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Black/Red (Hybrid) Oak	35	Log	2		Quaking Aspen	40	Log	2	18	Paper Birch	5	Log	1		Green Ash	20	Log	1		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Deciduous Shrubs</td><td>Full</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Deciduous Shrubs	Full	5 - 10 feet	5 - 10 feet																						
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199	4131 - Aspen, Oak	Sapling Well	9.7	34	81-110	N/A	The stand is a mixture of uplands and lowlands with the uplands being the majority. There are inclusions of lowland shrubs with scattered paper birch and tamarack. The lowland makes up around 30% of the stand. There are also areas of upland herbaceous. The past harvest appears to have been to 4 inches DBH and left some larger oak.																																																				
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200	4126 - White, Black, N. Pin Oak	Poletimber Medium	4.9	34	51-80	N/A	This is a decent stand of maturing white oak. It was harvested in Wildwood Secord Aspen 73-058-92 which was completed in 1992. The oak regeneration is now becoming well established. Also, some tamarack is seeding in.																																																				
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201	6121 - Tamarack	Sapling Poor	5.5	34	1-50	N/A	It was harvested in Wildwood Secord Aspen 73-058-92 which was completed in 1992. The stand is hummocky and rutted when it was harvested. The regeneration is patchy. The stand is very wet. The crown closure ranges from 60 to 100% with an average of 80%.																																																				
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202	6117 - Lowland Deciduous, Mixed Coniferous	Sapling Medium	6.2	27	1-50	N/A	The terrain is hummocky. The stand is made up of islands in a matrix of lowland shrubs. The crown closure is around 30%.																																																				
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Black/Red (Hybrid) Oak	45		6	27																																																							
204	4199 - Other Mixed Upland Deciduous	Sapling Medium	27.9	18	Immature	N/A	It was harvested in Wildwood Aspen 73-013-03 which was completed in 2007. The stand is hummocky and rutted when it was harvested. The regeneration is patchy. The lower ground is mainly birch and aspen the higher ground is oak and aspen. The crown closure goes from 25 to 100% with an average of 60%.																																																				
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
207	4130 - Aspen	Sapling Medium	49.3	34	81-110	N/A	The stand is hummocky and it is a mixture of upland and lowland with the upland being the majority. There are inclusions of lowland shrubs as well as grassy upland. Autumn olive was planted in the stand along the old skid trails.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Quaking Aspen	45	Sapling	6	34	Green Ash	Low		10 - 20 feet	10 - 20 feet
Black/Red (Hybrid) Oak	5	Pole	4		Deciduous Shrubs	Medium		5 - 10 feet	5 - 10 feet
Red Maple	10	Pole	4		Tag Alder	Low		5 - 10 feet	5 - 10 feet
Paper Birch	15	Pole	3						
Bigtooth Aspen	25	Sapling	7	37					
208	6113 - Lowland Maple	Sawtimber Well	76.5	78	51-80	N/A	The terrain is undulating to hummocky going from dryer swamp hardwoods to lowland shrubs. There are scattered areas of high-density swamp hardwoods sawlogs and areas of medium density regeneration. The ash has died off reducing the crown closure to around 50%.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Tamarack	10	Seedling	6		Black/Red (Hybrid) Oak	Low		Variable	Variable
Black/Red (Hybrid) Oak	5		10		Red Maple	Low		5 - 10 feet	5 - 10 feet
Red Maple	75		14	78	Green Ash	Medium		5 - 10 feet	5 - 10 feet
Paper Birch	5	Sapling	6		Tag Alder	Medium		5 - 10 feet	5 - 10 feet
Quaking Aspen	5		10						
209	6229 - Mixed Lowland Shrub	Unspecifed	7.1			No	The stand is mainly lowland shrubs which are heavy along the edges but becomes sparse toward the center. The stand is a depression.		
210	4130 - Aspen	Sapling Medium	24.4	34	1-50	N/A	It was harvested in Wildwood Secord Aspen 73-058-92 which was completed in 1992. It is a fine matrix of uplands and lowlands with the uplands being around 70%. The terrain is hummocky. The stand appears to have a high-water table.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Quaking Aspen	30	Sapling	5	34	Tag Alder	High		5 - 10 feet	5 - 10 feet
Bigtooth Aspen	40	Sapling	6	34	Tamarack	Medium		5 - 10 feet	5 - 10 feet
Black/Red (Hybrid) Oak	15	Pole	4						
White Pine	12		8						
Tamarack	3	Sapling	6						
213	4130 - Aspen	Sapling Well	3.4	34	81-110	N/A	The terrain is hummocky. The stand is transitioning to poles. The crown closure is around 90%.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Red Maple	20	Sapling	5		Red Maple	Medium		10 - 20 feet	10 - 20 feet
Bigtooth Aspen	50	Sapling	7	34	Green Ash	Low		10 - 20 feet	10 - 20 feet
Quaking Aspen	30	Sapling	6	34	Deciduous Shrubs	Low		5 - 10 feet	5 - 10 feet
					Common Blackberry	High		< 5 feet	< 5 feet
216	4131 - Aspen, Oak	Poletimber Medium	13.3	41	51-80	N/A	The stand is variable with areas that are well stock and places that are non-stocked. The terrain is hummocky. There are wet areas, even if much of the stand is a ridge.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Black/Red (Hybrid) Oak	30		5		Black/Red (Hybrid) Oak	Medium		Variable	Variable
Red Maple	10		8		Sweet Fern	Low		5 - 10 feet	5 - 10 feet
Bigtooth Aspen	15	Sapling	7	41	Common Blackberry	Medium		5 - 10 feet	5 - 10 feet
Tamarack	10	Sapling	6						
Quaking Aspen	35	Sapling	7	41					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
219	629 - Mixed non-forested Wetland	Unspecified	15.4			No	The stand is mainly lowland shrubs. There are pockets of trees, but the crown closure is less than 25%.
220	3105 - Mixed Upland Herbaceous	Unspecified	3.8			Yes	Wildlife Division managed opening.
221	6113 - Lowland Maple	Poletimber Well	5.2	85	1-50	N/A	This stand is low, wet, and hummocky. The ash is gone, and the crown closure is now less than 50%. There are areas that are more upland that have maple, but much of the stand is now alder and holly.
222	6113 - Lowland Maple	Poletimber Medium	8.9	85	1-50	N/A	2010 Comments: This stand is a mixture of upland and lowland with the lowland being the majority. There is a ridge along the north edge of the stand however it is not large enough to make it a separate stand.
223	4191 - Mixed Upland Deciduous with Conifer	Unspecified	8.2	18	Immature	N/A	The stand was harvested but regeneration is poor. In addition, the stand is a mixture of uplands and lowlands and much of the regeneration is on the uplands. The stand is filled with choke cherry.
224	4131 - Aspen, Oak	Sapling Poor	1.9	18	Immature	N/A	It was harvested in Wildwood Aspen 73-013-03 which was completed in 2007. The stand is a mixture of uplands and lowlands with the lowlands making up about 55%. The lowlands are concentrated through the center of the stand. The regeneration is birch/aspen west and oak/aspen east. The crown closure is around 55%.
225	4130 - Aspen	Poletimber Well	45.1	53	111-140	N/A	The stand is a mixture of uplands and lowlands with the lowlands making up about 20%. The terrain is hummocky. The crown closure goes from 25 to 100% with an average of 90%. The lower areas have lots of down ash with significant ash and maple regeneration.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments					
226	6239 - Mixed Emergent Wetland	Unspecified	6.6			No	It was harvested in Wildwood Aspen 73-013-03 which was completed in 2007. After the harvest it did not regenerate well. The crown closure is below 25%. There is significant cattails and marsh grass present. Overall, the stand is very wet.					
								Sub-Canopy Species	Density	Avg. Height	Size	
								Quaking Aspen	Low	10 - 20 feet	10 - 20 feet	
								Cattail spp.	Full	Not Applicable	Not Applicable	
								Red Maple	Low	10 - 20 feet	10 - 20 feet	
								Tag Alder	Medium	5 - 10 feet	5 - 10 feet	
227	4131 - Aspen, Oak	Sapling Poor	6.0	14	Immature	N/A	It was harvested in Wildwood Aspen 73-013-03 which was completed in 2007. The regeneration is fair to poor. The oak in the stand is just becoming established. The open areas are heavy to bracken fern and blueberry. There is also some white pine regeneration coming in. The north end is wetter. The crown closure goes from 0 to 100% with an average of 45%.					
								Canopy Species	% Cover	Size Class	DBH	Age
								Black/Red (Hybrid) Oak	25	Log	2	
								White Pine	7	Pole	3	
								Red Maple	10	Log	2	
								Bigtooth Aspen	58	Log	2	14
228	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Poor	6.1	75	81-110	N/A	The stand is very wet and hummocky. It was swapped with stand 234 when stand 226 and 227 were harvested in Wildwood Aspen 73-013-03 which was completed in 2007. The crown closure goes from 10 to 100% with an average of 65%. The terrain is hummocky. The understory shrubs are heavy to leather leaf and dogwood.					
								Canopy Species	% Cover	Size Class	DBH	Age
								Tamarack	20	Sapling	6	
								Black/Red (Hybrid) Oak	10	Sapling	6	
								White Pine	10		10	
								Black Spruce	30		6	75
Red Maple	20		8									
229	4130 - Aspen	Poletimber Well	12.5	54	81-110	N/A	The stand is a mix of uplands and lowlands with the uplands being the majority. Most of the wetter ground is along the east side.					
								Canopy Species	% Cover	Size Class	DBH	Age
								Quaking Aspen	20	Seedling	7	
								White Pine	10		12	
								Red Maple	15	Sapling	7	
								Paper Birch	5	Sapling	6	
Bigtooth Aspen	50	Seedling	8	54								
230	6224 - Treed Bog	Unspecified	5.1			No	The stand is mainly leatherleaf mixed with lowland shrubs. There are some trees in the southern 1/3.					
								Sub-Canopy Species	Density	Avg. Height	Size	
								Leatherleaf	High	5 - 10 feet	5 - 10 feet	
231	4130 - Aspen	Sapling Well	19.5	32	81-110	N/A	The stand is a mixture of uplands and lowlands with the uplands making up about 75%. The stand was harvested in Secord Surrounded 73-054-91 which was completed in 1994. There is significant birch along the trail. There are some opening at the southeast end.					
								Canopy Species	% Cover	Size Class	DBH	Age
								Quaking Aspen	20	Sapling	5	
								Red Maple	10	Pole	4	
								Paper Birch	15	Log	3	
								Bigtooth Aspen	50	Sapling	5	32
Black/Red (Hybrid) Oak	5	Pole	3									





Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
232	6113 - Lowland Maple	Sawtimber Well	10.5	99	1-50	N/A	The stand is variable with pockets of cattails and areas of dense swamp hardwoods. It is very wet, and the terrain is hummocky. The ash component is dead leaving the maple sawlog overstory and the maple sapling to become the canopy. The crown closure is now around 35%.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Red Maple	100		12	99	Red Maple	Medium		Variable	Variable
					Deciduous Shrubs	Medium		5 - 10 feet	5 - 10 feet
					Tag Alder	Medium		5 - 10 feet	5 - 10 feet
233	4130 - Aspen	Poletimber Well	7.5	54	51-80	N/A	The stand is a mixture of upland and lowland with the lowland making up about 20%. All the ash is gone. The crown closure in the drainages, because of the ash die off, is less than 30%. The overall crown closure is around 90%. The terrain is hummocky.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Quaking Aspen	35		8	54	Red Maple	Low		Variable	Variable
Balsam Fir	10	Sapling	6		Tag Alder	Low		5 - 10 feet	5 - 10 feet
Red Maple	20	Seedling	6		Serviceberry (Juneberry)	Low		5 - 10 feet	5 - 10 feet
Paper Birch	10	Sapling	6						
Bigtooth Aspen	25		9						
234	4130 - Aspen	Unspecified	3.1	8	Immature	N/A	It was harvested in Wildwood Aspen 73-013-03 which was completed in 2007. It was swapped for stand 228. The stand was harvested but the regeneration is poor and confined to the upland pockets. The terrain is hummocky. The crown closure is 15-100% with an average of 60%.		
Canopy Species	% Cover	Size Class	DBH	Age					
Red Maple	10	Log	1						
Paper Birch	30	Log	1						
Bigtooth Aspen	60	Log	1	8					
235	4130 - Aspen	Sapling Well	22.6	32	81-110	N/A	The stand was harvested in Secord Surrounded 73-054-91 which was completed in 1994. The terrain is hummocky. There is a drainage in the stand that has a low density of trees. The birch in the stand is concentrated on the lower ground and along the trail. There is a trace of white pine and fir in the overstory and understory.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Quaking Aspen	30	Sapling	6	32	Deciduous Shrubs	Medium		5 - 10 feet	5 - 10 feet
White Pine	8	Sapling	6		Black/Red (Hybrid) Oak	Low		10 - 20 feet	10 - 20 feet
Balsam Fir	2	Pole	4						
Red Maple	10	Sapling	5						
Paper Birch	10	Sapling	5						
Bigtooth Aspen	40	Sapling	6	32					
236	4130 - Aspen	Sapling Medium	25.8	18	Immature	N/A		The stand was harvested in Wildwood Aspen 73-013-03 which was completed in 2007. Balsam fir and white pine were left along Three Rivers Road as a visual buffer. There is also a narrow depression of swamp hardwood that was thinned in the stand. However, the area is not of sufficient size to be its own stand. The crown closure is now greater than 75%. The soils are a mix of upland and lowland at about a 60/40 mix. There is a high-water table in most of the stand. There are also inclusions of cattails and marsh grass.	
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height		Size
Quaking Aspen	60	Log	2	18	Deciduous Shrubs	Medium	5 - 10 feet		5 - 10 feet
Black/Red (Hybrid) Oak	5	Log	1						
Red Maple	15	Log	1						
Bigtooth Aspen	15	Log	2	18					
Green Ash	5	Log	1						



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments			
237	6112 - Lowland Aspen	Poletimber Well	32.4	41	81-110	N/A	It was harvested in Wildwood Secord Aspen 73-058-92 which was completed in 1992. Some of the area was heavily rutted when the stand was harvested. The ash in the stand has EAB once it gets to be 3 inches or more in diameter. There is still a significant amount of ash regeneration. The stand is a mix of uplands and lowland at about a 40/60 mix.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Red Maple		10	Sapling	6		Musclewood/Hornbeam		Low	10 - 20 feet	10 - 20 feet
Paper Birch		5	Sapling	5		White Pine		Low	Variable	Variable
Green Ash		5	Log	3		Red Maple		Medium	Variable	Variable
Quaking Aspen		80	Seedling	7	41	Green Ash		Low	10 - 20 feet	10 - 20 feet
						Deciduous Shrubs		Medium	5 - 10 feet	5 - 10 feet
						Tag Alder		Medium	5 - 10 feet	5 - 10 feet
238	6119 - Mixed Lowland Deciduous Forest	Sapling Medium	9.3	32	51-80	N/A	The stand was harvested in Secord Surrounded 73-054-91 Which was completed in 1994. The stand is a matrix of uplands and lowlands with the lowlands making up about 40%. The stand has a slight ridge through the center. The aspen is mainly in the eastern end of the stand. The stand has a crown closure of around 75%.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Musclewood/Hornbeam		2	Log	2		Deciduous Shrubs		High	5 - 10 feet	5 - 10 feet
Red Maple		15	Log	2		Tag Alder		Medium	5 - 10 feet	5 - 10 feet
Paper Birch		35	Pole	3						
Quaking Aspen		35	Pole	4	32					
Swamp White Oak		3	Log	2						
Balsam Fir		10	Pole	3						
239	6113 - Lowland Maple	Poletimber Well	17.4	78	1-50	N/A	Ash is dead and down. The aspen is also declining. The crown closure is around 30%.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Quaking Aspen		5		12		Black Ash		Low	5 - 10 feet	5 - 10 feet
Black/Red (Hybrid) Oak		8		13		Red Maple		Medium	Variable	Variable
Red Maple		85		11	78	Green Ash		High	5 - 10 feet	5 - 10 feet
Paper Birch		2	Sapling	5		Deciduous Shrubs		High	5 - 10 feet	5 - 10 feet
241	6131 - Hemlock, White Pine, Maple, Birch	Sawtimber Well	5.6	111	81-110	N/A	This is an area between the flood plain and the upper bluff that over looks the Molasses River. The west edge is very steep and drops to a gentle slope. There are numerous springs coming out of the steep bank so on the whole the stand is quite wet.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Tamarack		20		10		White Pine		Low	10 - 20 feet	10 - 20 feet
White Pine		30		13	111	Red Maple		Low	>20 feet	>20 feet
Red Maple		45		9	111					
242	42310 - Planted Spruce	Poletimber Poor	185.9	62	1-50	N/A	The crown closure is around 40% overall, but ranges from 10 to 100%. There is some mortality in the overstory across all species. There is significant regeneration of oak, but it is not established. The spruce and red pine is concentrated in the southern 2/3, and in the northern 1/3 is heavy to aspen. The area had a hand planting of white spruce done in 1963 which are now well into pole size and self-pruning. The stand was harvested in Cook's Camp Pine sale 73-004-17 in December of 2020.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Red Pine		20		9		Red Maple		Low	5 - 10 feet	5 - 10 feet
Black/Red (Hybrid) Oak		10		12		Bigtooth Aspen		Medium	5 - 10 feet	5 - 10 feet
Jack Pine		5	Seedling	6		Black/Red (Hybrid) Oak		Medium	5 - 10 feet	5 - 10 feet
White Spruce		65		7	62	White Pine		Low	5 - 10 feet	5 - 10 feet



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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments			
251	4199 - Other Mixed Upland Deciduous	Sapling Well	10.6	19	Immature	N/A	The stand was harvested in Secord Ending 73-033-02 which was completed in 2006. The harvest retained oak 5" DBH and less. It has regenerated fairly well and is now an A3. The south end has more white oak and the north end has more hybrid oak. The crown closure goes from 60-100% but averages 80%.			
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
	Black/Red (Hybrid) Oak	30	Log	3		Red Maple		Low	5 - 10 feet	5 - 10 feet
	Jack Pine	10	Log	3		Black/Red (Hybrid) Oak		Medium	5 - 10 feet	5 - 10 feet
	Red Maple	5	Log	2		White Oak		Full	5 - 10 feet	5 - 10 feet
	Bigtooth Aspen	35	Log	3	19					
	White Oak	20	Pole	4						
252	4131 - Aspen, Oak	Sapling Well	30.6	33	1-50	N/A	The Ground cover is heavy to bracken fern. The terrain is hummocky. There are areas of uplands and lowlands. The diameter along the east side is smaller than the rest of the stand. In addition, the stand has a greater amount of jack pine and oak going east.			
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
	Quaking Aspen	10	Sapling	5		Red Maple		Medium	10 - 20 feet	10 - 20 feet
	Black/Red (Hybrid) Oak	20	Pole	3		Black/Red (Hybrid) Oak		Medium	10 - 20 feet	10 - 20 feet
	Jack Pine	2	Pole	4		White Oak		Low	10 - 20 feet	10 - 20 feet
	White Oak	3	Pole	3						
	Red Maple	10	Pole	4						
Bigtooth Aspen	55	Sapling	5	33						
253	4130 - Aspen	Sapling Medium	26.8	6	Immature	N/A	The stand was harvested under contract 73-010-17, Spring Fawn Mix during the fall of 2019. The crown closure goes from 30-100% and averages 70%. It is expected to have a crown closure of 100% in 10 years.			
	Canopy Species	% Cover	Size Class	DBH	Age					
	Quaking Aspen	10	Log	1	6					
	Black/Red (Hybrid) Oak	15	Log	1	6					
	Red Maple	20	Log	1	6					
Bigtooth Aspen	55	Log	1	6						
254	6229 - Mixed Lowland Shrub	Unspecified	173.5			No	The stand is mostly tag alder. There are some dryer ridges that are forested. There is also an old roadbed through the stand.			
256	4125 - Black, N. Pin Oak	Unspecified	11.4	5	Immature	N/A	This is a low wet stand. It was harvested in Cook's Camp Pine sale 73-004-17, which was completed in December 2020. The oak regeneration is coming in, but it is not established. Overall, the crown closure is around 50%.			
	Canopy Species	% Cover	Size Class	DBH	Age					
	Tamarack	30	Sapling	5						
	Red Pine	5		8						
Black/Red (Hybrid) Oak	65	Log	1	5						
257	4199 - Other Mixed Upland Deciduous	Sapling Well	21.3	38	51-80	N/A	The stand was harvested in Hi-Point 73-027-84 which was completed in 1987. The aspen in the stand is a mixture of bigtooth and trembling. There are other species present in the stand as well, being oak and jack pine. It appears when the stand was harvested it was a 4" DBH cut leaving some oak and other species. Overall, the stand is and A3. There are some pockets of G-Type in the stand toward the north end, but these were left as part of the stand. In addition, it was noted that the diameter of the trees increases a little going north in the stand.			
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
	Quaking Aspen	10	Sapling	5		Black/Red (Hybrid) Oak		Low	5 - 10 feet	5 - 10 feet
	Black/Red (Hybrid) Oak	55	Sapling	6	38	Jack Pine		Low	5 - 10 feet	5 - 10 feet
	Jack Pine	5	Sapling	6		Red Maple		Low	10 - 20 feet	10 - 20 feet
	Red Maple	10	Pole	4						
	Bigtooth Aspen	20	Sapling	6	38					





Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
259	6126 - Lowland Jack Pine	Sapling Medium	27.0	27	Immature	N/A	Lowland jack pine. Numerous small boggy areas; leather leaf, peat moss, lowland brush.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Black/Red (Hybrid) Oak	25	Log	3		Leatherleaf	Medium		< 5 feet	< 5 feet
Jack Pine	75	Pole	4	27	Sheep Laurel	High		< 5 feet	< 5 feet
					Huckleberry	High		< 5 feet	< 5 feet
260	4130 - Aspen	Sapling Well	24.1	27	Immature	N/A	The stand was harvested in Bumpy Road Access 73-009-92 which was completed in 1998. It has a lot of jack pine along the trail, but the interior is heavier to aspen. There are inclusions of low ground throughout the stand, but the majority is upland.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Black/Red (Hybrid) Oak	10	Log	3		White Oak	Low		5 - 10 feet	5 - 10 feet
White Pine	5	Sapling	5		Black/Red (Hybrid) Oak	Low		5 - 10 feet	5 - 10 feet
Jack Pine	12	Pole	3						
White Oak	8	Log	3						
Bigtooth Aspen	65	Pole	4	27					
261	4311 - Pine, Aspen Mix	Poletimber Medium	21.8	51	51-80	N/A	The stand has decent jack pine with aspen coming through the conifer crown. The ridge has oak saw on it.		
Canopy Species	% Cover	Size Class	DBH	Age					
Red Maple	10		7						
Bigtooth Aspen	25	Sapling	6						
Black/Red (Hybrid) Oak	15		7						
Jack Pine	50	Sapling	6	51					
262	6126 - Lowland Jack Pine	Poletimber Well	17.9	55	51-80	N/A	The terrain in the stand is hummocky and the soils are wet. The ground cover is a mix of bracken fern, sheep laurel, and huckleberry. The stand is boggy.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Red Maple	10	Sapling	7		Jack Pine	Low		5 - 10 feet	5 - 10 feet
Black/Red (Hybrid) Oak	5	Sapling	6		Tamarack	Medium		5 - 10 feet	5 - 10 feet
Jack Pine	80	Sapling	6	55					
Tamarack	5	Pole	3						
263	4130 - Aspen	Poletimber Well	6.4	35	Unspecified	N/A	This is a well-stocked stand just coming into poles. The species mix is oak, jack pine, and maple. The crown closure is around 75%.		
Canopy Species	% Cover	Size Class	DBH	Age					
Quaking Aspen	15		6	35					
Black/Red (Hybrid) Oak	5		8						
Jack Pine	8	Sapling	5						
Red Maple	7	Sapling	7						
Bigtooth Aspen	65		6	35					
264	6126 - Lowland Jack Pine	Sapling Medium	10.8	15	Immature	N/A	The stand was harvested in Secord Ending 73-033-02 which was completed in 2006. It was planted to jack pine 5/2010, FTP C73-806. The jack pine looks healthy and vigorous.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Jack Pine	80	Log	3	15	Leatherleaf	High		< 5 feet	< 5 feet
Red Pine	2	Log	2		Sheep Laurel	Medium		< 5 feet	< 5 feet
Tamarack	15	Log	2						
Red Maple	3	Log	2						





Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments			
272	6126 - Lowland Jack Pine	Poletimber Well	106.5	70	81-110	N/A	This stand is very wet. The red pine is growing on the slightly higher sandy ridges. The stand has small diameters with a ground cover of leather leaf and sphagnum. Overall, Factor limit the stand as Too wet.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Jack Pine		90		7	70	Blueberry/Bilberry/Cranberry		High	5 - 10 feet	5 - 10 feet
Red Pine		10		11						
273	42220 - Natural Jack Pine	Poletimber Well	18.2	27	Immature	N/A	The stand was harvested in Bumpy Road Access 73-009-92 which was completed in 1998. It is an upland sandy ridge surrounded by lowland jack pine stands and marsh. The ridge is mainly on the west side. The stand gets wetter on the east side It is transitioning to poles.			
Canopy Species		% Cover	Size Class	DBH	Age					
White Oak		2	Pole	4						
Black/Red (Hybrid) Oak		8	Pole	4						
Jack Pine		90	Sapling	5	27					
274	42220 - Natural Jack Pine	Sapling Medium	8.7	19	Immature	N/A	The stand was harvested in Secord Ending 73-033-02 which was completed in 2006. It is mainly a ridge that slopes down to leather leaf. The crown closure goes from 0-100% and averages 50%.			
Canopy Species		% Cover	Size Class	DBH	Age					
Black/Red (Hybrid) Oak		25	Log	3	19					
Jack Pine		75	Pole	3	19					
275	613 - Lowland Mixed Forest	Unspecifed	35.9	5	Immature		The stand was harvested in Cook's Camp Pine sale 73-004-17 in December 2020. The stand is very hummocky and wet in places. Ground cover species of leather leaf and blueberry and bracken fern dominate. There are numerous easterly flows that cross the stand in the Spring. The southern unit has regenerated to a low to medium stocking of jack pineThe central unit is non-forested with pockets of oak regeneration that is not established.The northern unit is a little dryer and has more oak regeneration, but it is still not established.			
281	6128 - Lowland Coniferous, Mixed Deciduous	Sawtimber Poor	38.4	111	51-80	N/A	The stand is a Riparian buffer zone and wildlife travel corridor. There are large pockets of lowland conifer with alternate areas of alder/willow and red maple. Factor limit the stand as Too wet.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Red Maple		25		9		Tag Alder		High	5 - 10 feet	5 - 10 feet
Northern White Cedar		15		8		Willow spp.		Medium	5 - 10 feet	5 - 10 feet
Hemlock		35		9	111					
White Pine		25		18						
282	4130 - Aspen	Sapling Well	6.0	34	51-80	N/A	The terrain is slightly hummocky. It looks like beaver have removed most of the aspen along the river. This area is now heavy to oak.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Bigtooth Aspen		50	Sapling	6	34	Red Maple		Low	5 - 10 feet	5 - 10 feet
Quaking Aspen		25	Sapling	5	34	Dogwood (spp.)		Low	5 - 10 feet	5 - 10 feet
Black/Red (Hybrid) Oak		15	Pole	4		Black/Red (Hybrid) Oak		Medium	10 - 20 feet	10 - 20 feet
White Pine		2	Log	2		White Oak		Full	10 - 20 feet	10 - 20 feet
Jack Pine		5	Sapling	7		Blackberry/Raspberry		Medium	5 - 10 feet	5 - 10 feet
Choke Cherry		3	Log	3						



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																
283	4130 - Aspen	Sapling Well	15.6	24	Immature	N/A	The crown closure goes from 30 to 100% but averages around 60%. The stand is transitioning into poles.																																																
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Bigtooth Aspen</td><td>70</td><td>Pole</td><td>4</td><td>24</td></tr><tr><td>Pin Cherry</td><td>5</td><td>Log</td><td>3</td><td></td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>15</td><td>Pole</td><td>3</td><td></td></tr><tr><td>Jack Pine</td><td>10</td><td>Pole</td><td>4</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Bigtooth Aspen	70	Pole	4	24	Pin Cherry	5	Log	3		Black/Red (Hybrid) Oak	15	Pole	3		Jack Pine	10	Pole	4		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Red Pine</td><td>Full</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>White Oak</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Pine	Full	5 - 10 feet	5 - 10 feet	Black/Red (Hybrid) Oak	Medium	10 - 20 feet	10 - 20 feet	White Oak	Low	5 - 10 feet	5 - 10 feet										
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285	4131 - Aspen, Oak	Poletimber Medium	28.7	28	1-50	N/A	The stand was harvested in the winter of 95/96 in Sterling Aspen sale 73-013-94. It is mainly uplands. However, it gets noticeable wetter going north. The stand is now transitioning into poles. Beaver activity has converted the eastern edge to oak. There is paper birch in the stand is concentrated in the lower wetter ground along with tag alder. There is significant pine in the south end.																																																
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287	4130 - Aspen	Unspecifed	25.2	6	Immature	N/A	The stand is a mixture of bigtooth and quaking aspen. It is a matrix of uplands and lowlands with the uplands being the majority. The stand was harvested in Two Jake Aspen sale 73-017-17 which was cut 10/2019. The stem density is good along the road, but the stand becomes poorly stocked in the southern 1/3. The average crown closure is around 55% but goes from 0-100%.																																																
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289	6113 - Lowland Maple	Poletimber Medium	14.3	44	51-80	N/A	The stand is a matrix of uplands and lowlands with the lowlands being the majority. The tree density is variable going from well stocked to non-stocked. The stand is moving into poles. The central portion of the stand is more of a lowland shrub type.																																																
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291	4199 - Other Mixed Upland Deciduous	Sapling Medium	12.9	17	Immature	N/A	The stand was final harvested in 2007. It is a matrix of uplands and lowlands with the uplands being the majority. There is a ridge that runs through the stand. The regeneration is not uniformly distributed. When it was harvested the oak and some of the red and white pines were retained.																																																
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments				
294	4131 - Aspen, Oak	Poletimber Well	23.8	38	51-80	N/A	The stand was harvested in Grouse Plus sale 73-039-84 which was completed in 1986. It is mainly uplands with some small inclusion of lowlands. The density is variable and goes from high density in the east to moderate to low density to the west. The stand is more aspen east and more oak west. There is a drainage flowing through the stand that is too wet to harvest.				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
Quaking Aspen		25	Sapling	7	38	White Oak		Low	10 - 20 feet	10 - 20 feet	
White Oak		2	Sapling	7		Red Maple		Medium	10 - 20 feet	10 - 20 feet	
Black/Red (Hybrid) Oak		50	Sapling	7	38	Tag Alder		Low	5 - 10 feet	5 - 10 feet	
Red Maple		3		8							
Paper Birch		5	Sapling	6							
Bigtooth Aspen		15	Seedling	8	38						
295	4130 - Aspen	Unspecified	71.6	6	Immature	N/A	The stand was harvested in Two Jake Aspen sale 73-017-17 which was cut 10/2019. It is sparse at the north end. There is significant oak regeneration but most of it is below the bracken fern, so it is not established. The retained birch is 95% dead. The retained white pine in the southern end. The crown closure goes from 5-100% and averages around 70%. It is expected to be fully stocked in 10 years. There are several drainages going through the stand.				
Canopy Species		% Cover	Size Class	DBH	Age						
Quaking Aspen		60	Log	1	6						
Red Maple		5	Log	1							
Bigtooth Aspen		20	Log	1	6						
Black/Red (Hybrid) Oak		5	Log	1							
White Pine		10	Sapling	5							