Compartment Review Presentation

Gladwin Forest Management Unit

Compartment 73046
Entry Year: 2027
Acreage: 5,735
County: Gladwin

Management Area: Gladwin Lake Plain

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:

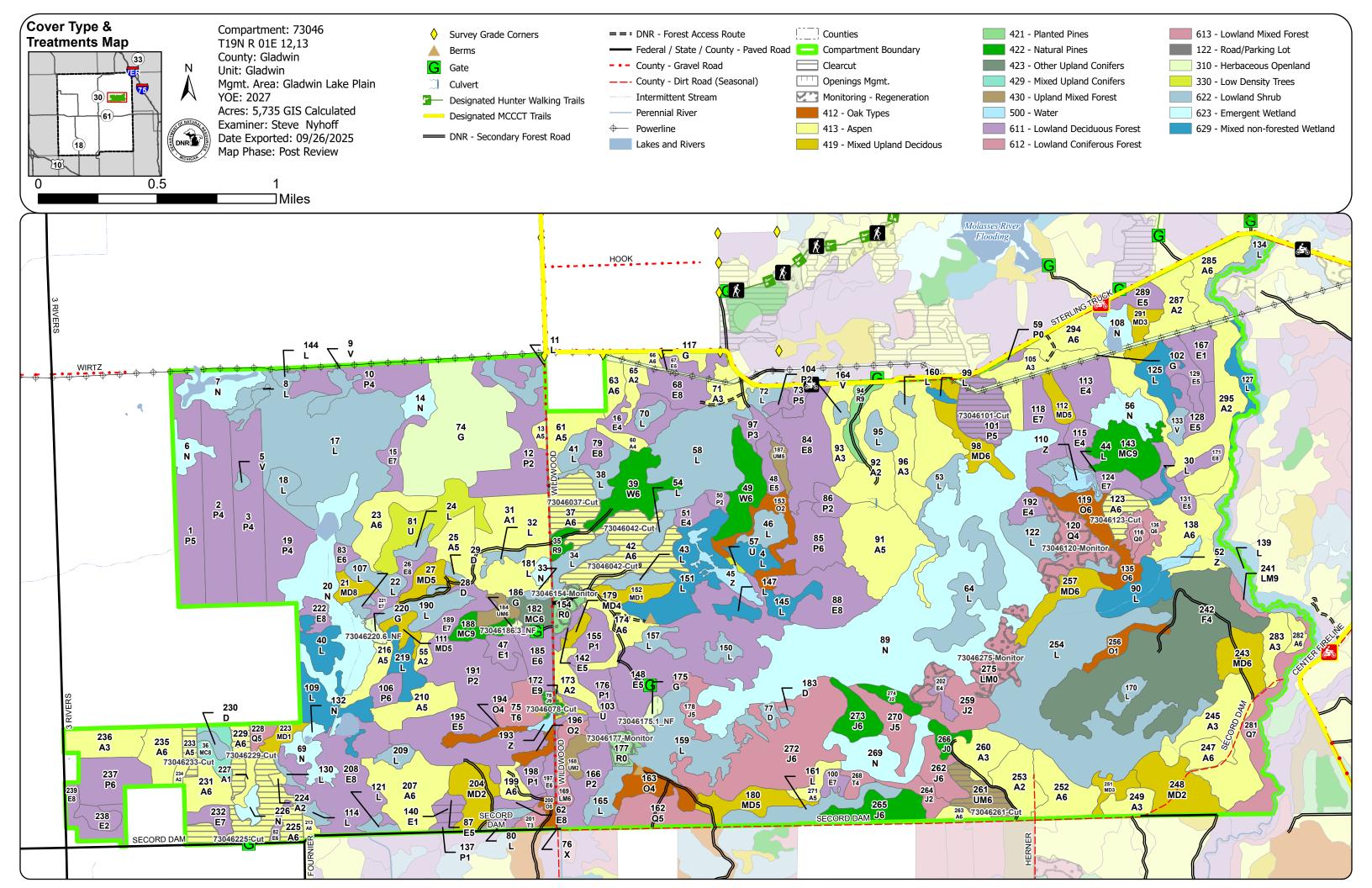
Emeral Ash Borer (EAB) has removed almost all the ash. This has caused some conversion from well forested swamp hardwood stands to poorly stocked or even non-forested. There are areas of ash regeneration. However, the advanced regeneration is still being hit by EAB when it reaches 2 to 3 inches in diameter.

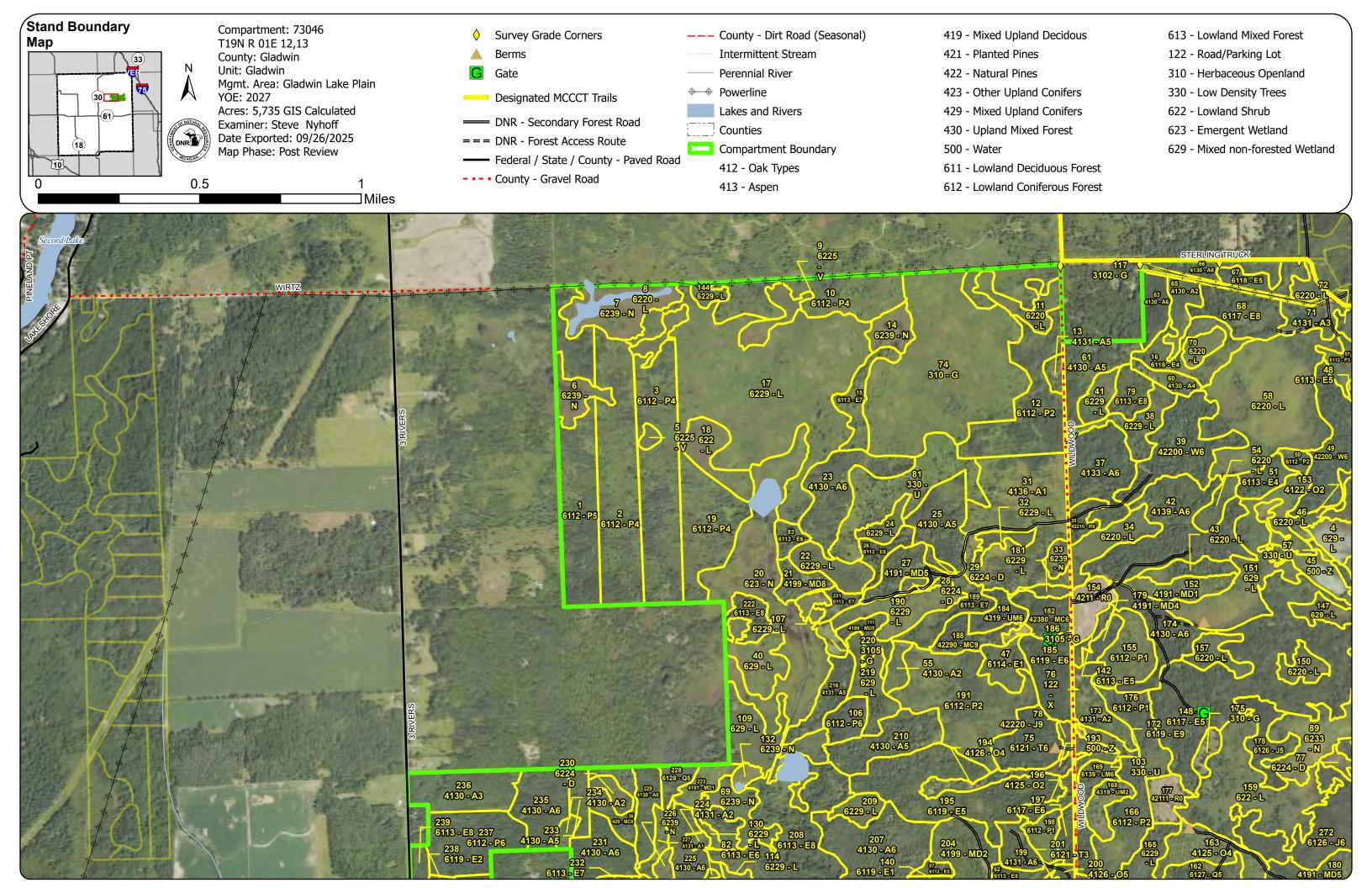
The following reports from the Inventory are attached:

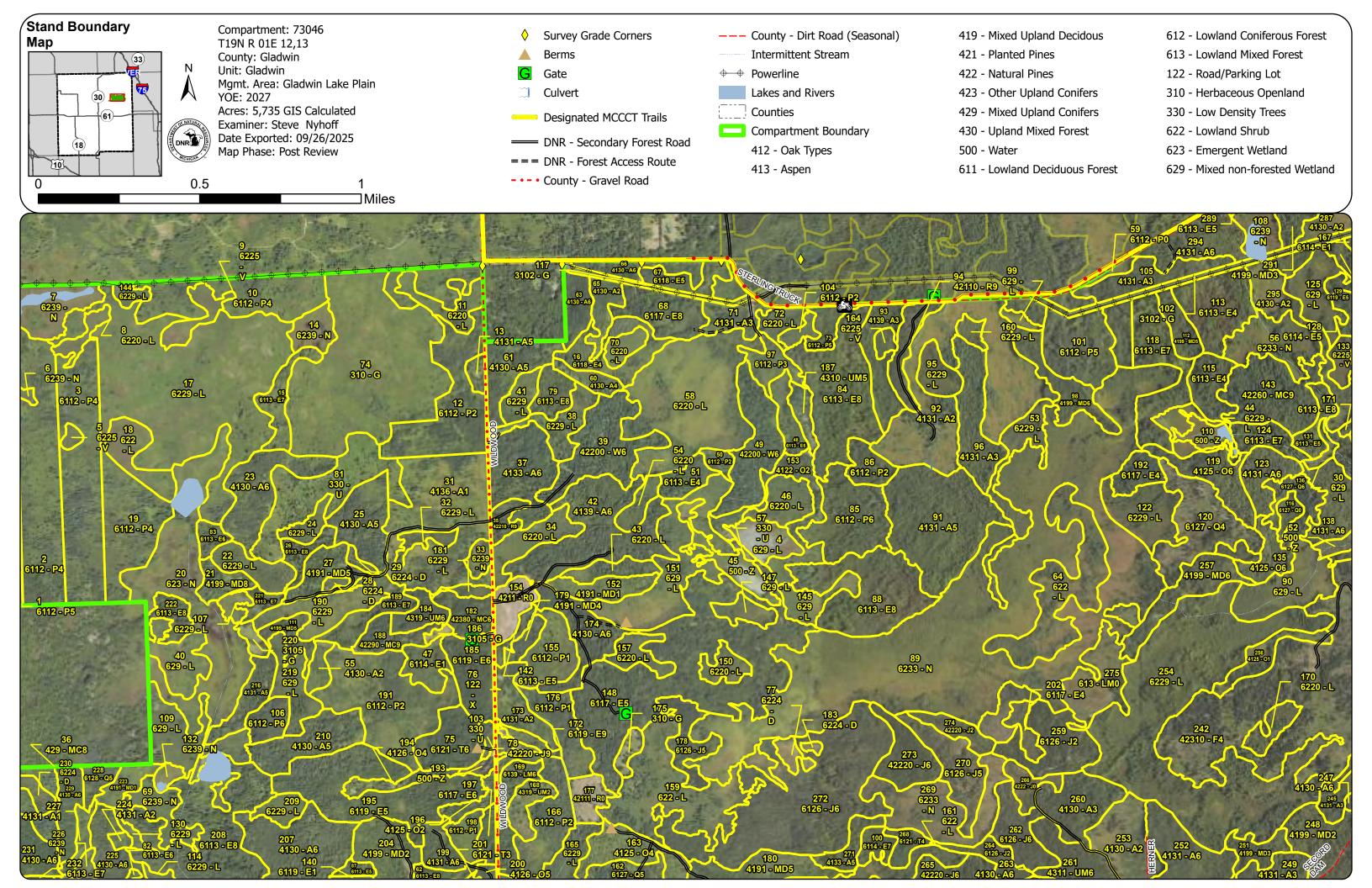
Total Acres by Cover Type and Age Class
Cover Type by Harvest Method
Proposed Treatments – No Limiting Factors
Proposed Treatments – With Limiting Factors
Stand Details (Forested and Nonforested)
Dedicated and Proposed Special Conservation Areas
Site Condition Details

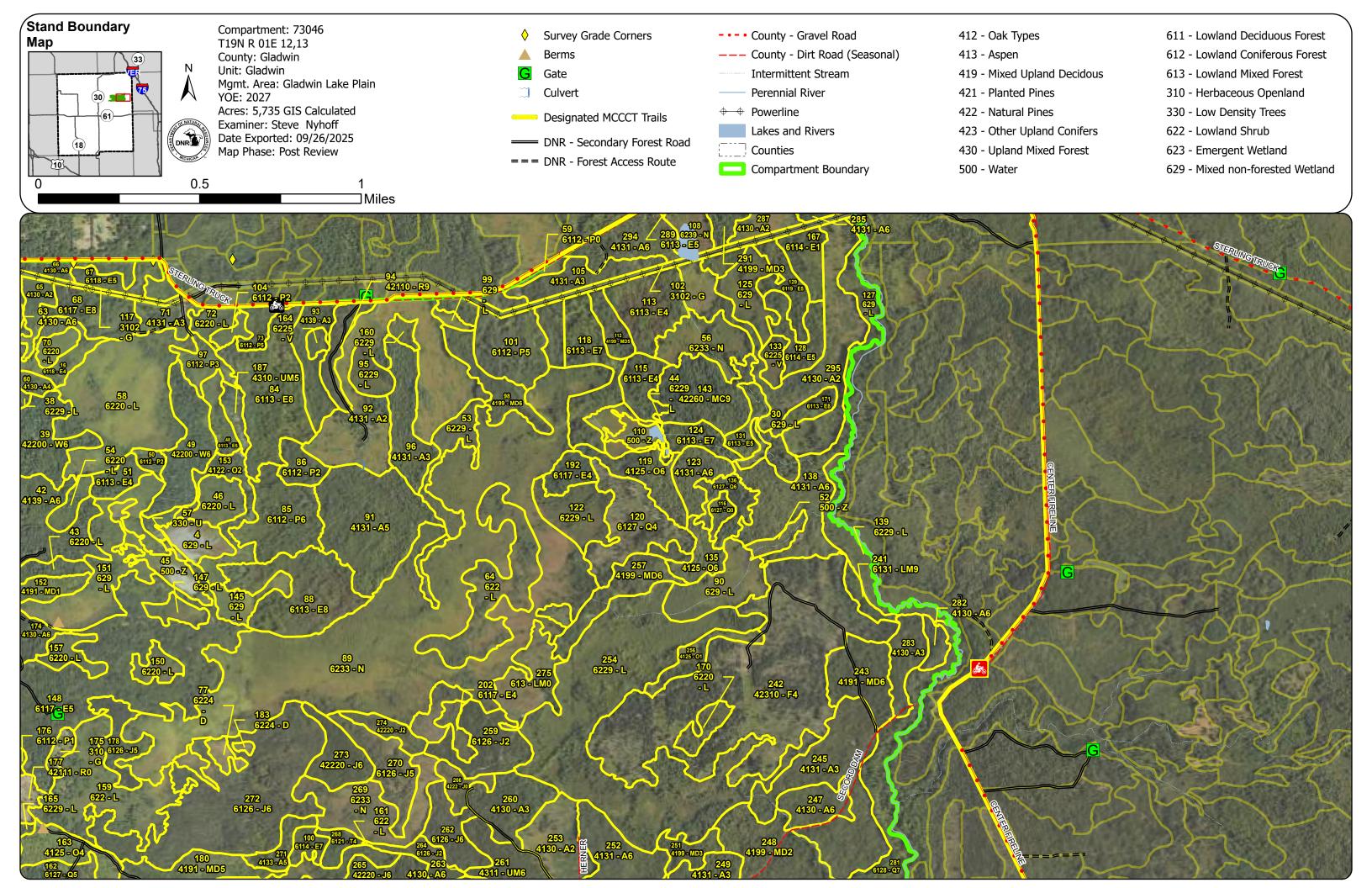
The following information is displayed, where pertinent, on the attached compartment maps:

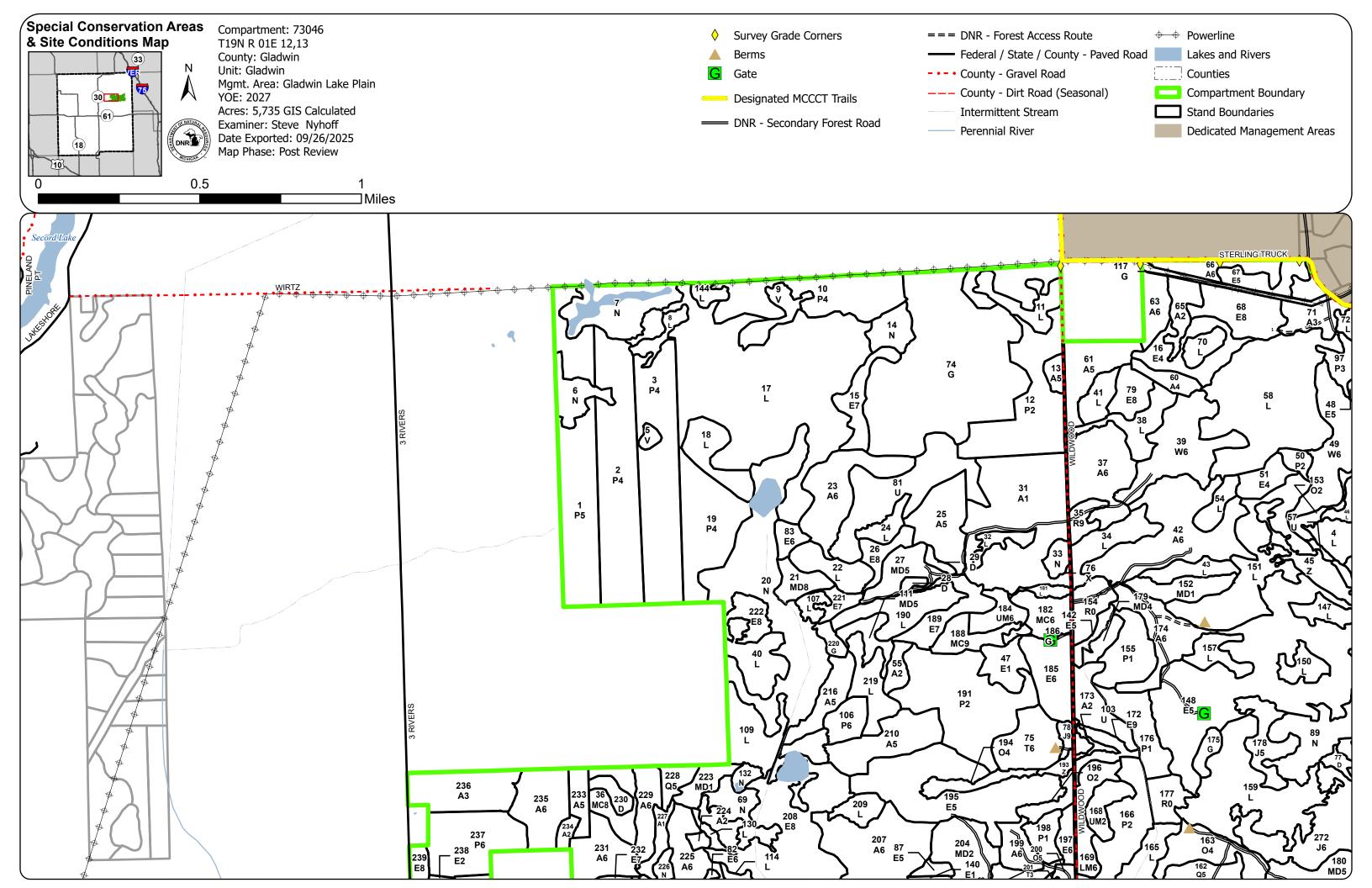
Base feature information, stand boundaries, cover types, and numbers Proposed treatments
Site condition boundaries
Details on the road access system

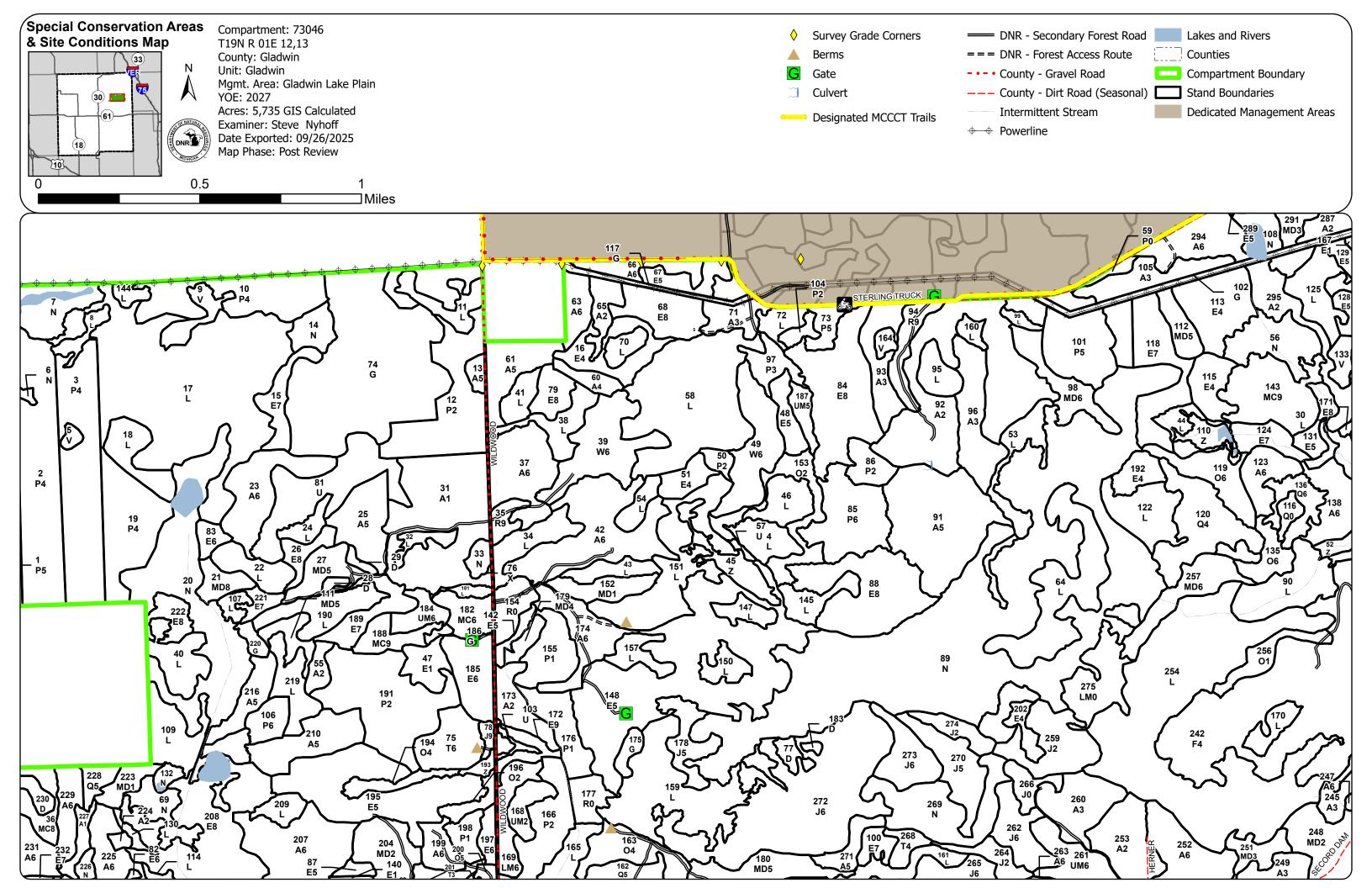


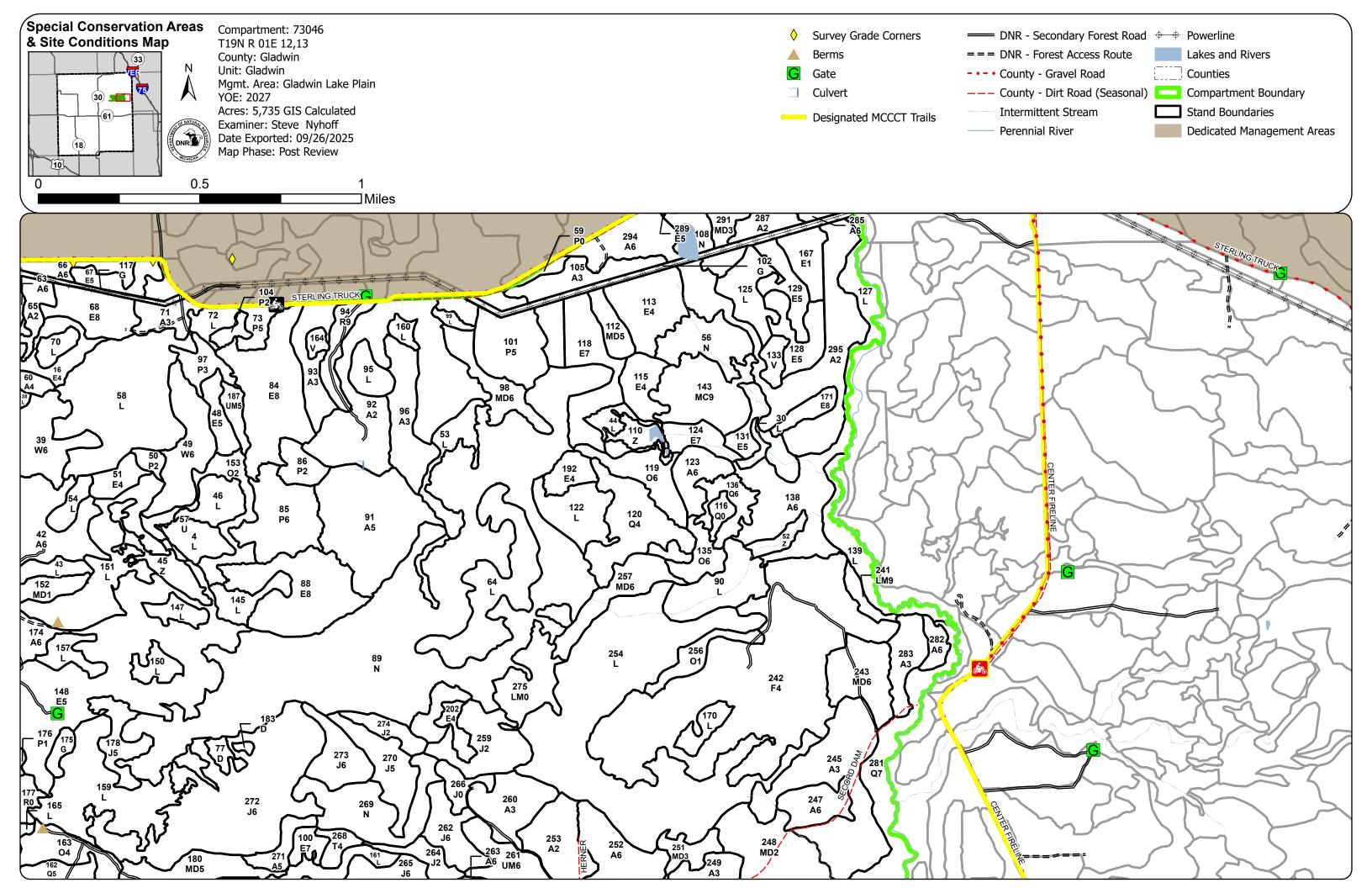












Compartment 46 Year of Entry 2027

Gladwin Mgt. Unit
Steve Nyhoff: Examiner

Age Class

	/	<i>*</i> /	/	/		_ /		_ /	/	/		/	_ /	, , /	/_/	/_/	/	/	
	¥or.	Kor C	3 / 8			3 / 6		3/8					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	§ \				3 Jr. 2	LES LOS
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
Total	1979	296	455	322	734	550	336	330	322	128	122	60	44	0	0	0	0	62	5735

Report 2 – Treatment Summary

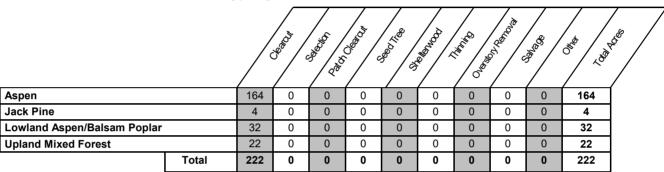
Gladwin Mgt. Unit Year of Entry: 2027

Acres of Harvest

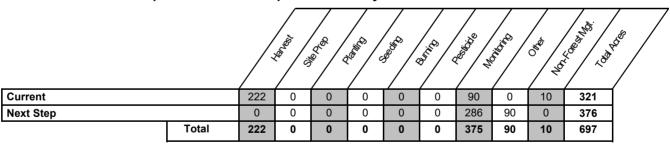
Compartment 46
Total Compartment Acres: 5,735

Commercial Harvest - 577
Harvests with Site Condition - 0
Next Step Harvest - 0
Habitat Cut - 0

Cover Type by Harvest Method



Proposed and Next Step Treatments by Method



Approved Treatments:

Mixed Pine 140 Record

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

73046042-Cut 52.5 4139 - Aspen, 6 46 81-110 Harvest Clearcut 4133 - Aspen, **Planting** No Mixed Deciduous Mixed Pine Record

Prescription 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

Chipping. Specs:

Monitoring, Natural Regen (Re-Inventory) Next Step

Treatments:

Acceptable Medium or better stocking of aspen mixed with maple and pine.

Regen:

Other Comment:

Site Condition:

Proposed Start Date: 10/01/2026

42220 - Natural **Planting** 78 73046078-Cut 4.3 9 60 51-80 Harvest Clearcut 4319 - Mixed No Jack Pine **Upland Forest** Record

Prescription harvest as a clearcut without retentions because of its small size. Leave the tops for seed and to denture illegal activity.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable medium or better stocking of jack pine, maple, and aspen.

Regen:

Other Comment:

Site Condition:

Proposed Start Date: 10/01/2026

Proposed Start Date: 10/01/2024

Gladwin Mgt. Unit Report 3 -- Treatments Compartment: 73046 S Year of Entry: 2027 t а **Treatment** Stand Size Stand BA **Treatment Treatment Cover Type** Habitat Acres Age n Density Objective Name CoverType Age Range **Type** Method Structure Cut d 175 73046175.1 N 4.8 310 - Herbaceous 99 NonForestMgt Openings Mgmt. 3105 - Mixed Previous No Openland Upland Inventory Herbaceous 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: <u>Other</u> Comment: Site Condition: Proposed Start Date: 10/01/2026 177 73046177-7.5 42111 - Planted 0 Immatu Monitoring Monitoring -42111 - Planted No Red Pine, Mixed Red Pine, Mixed Monitor re Regeneration Deciduous Deciduous **Prescription** Specs: Next Step ; ; Monitoring, Artificial Regen (3yr) Treatments: Acceptable A mix of planted red pine with white oak and some other mixed deciduous species will be acceptable. Regen: Other Percent to Treat = 100% Comment: Site Condition: Proposed Start Date: 10/01/2024 186 73046186.3 N 3105 - Mixed 99 NonForestMgt Openings Mgmt. 3105 - Mixed Previous No Upland Upland Herbaceous Inventory F Herbaceous 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 Specs: Next Step Treatments: Acceptable Regen: Other Comment: Site Condition:

Proposed Start Date: 10/01/2026

t	Gladwir	n Mgt. Unit		Repor	rt 3 '	Treatments		Compartmer Year of Entr		
a n Treatment d Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habita Cut
220 73046220.6_N F		3105 - Mixed Upland Herbaceous	99			NonForestMgt	Openings Mgmt.	3105 - Mixed Upland Herbaceous	Previous Inventory	No
Prescription Stand		tained as a wildlife on						ng, planting of an	nual cover type	es,
Next Step_ Treatments:										
Acceptable Regen:										
Other Comment:										
Site Condition:										
Proposed Start Date	<u>:</u> 10/01/20	026								
225 73046225-Cut	45.1	4130 - Aspen	6	53	111- 140	Harvest	Clearcut	413 - Aspen	Planting Record	No
<u>Prescription</u> Harves <u>Specs:</u> lessen		d as a clearcut with r activity. Harvest duri								tops to
Next Step Monito Treatments:	ring, Natur	al Regen (Re-Inven	tory); Oth	er, Rege	eneration	Fencing				
Acceptable mediur Regen:	n or better	stocking of aspen o	or other ha	rdwoods	S.					
Other Comment:										
Site Condition:										
Proposed Start Date	<u>:</u> 10/01/20	026								
229 73046229-Cut	12.5	4130 - Aspen	6	54	81-110	Harvest	Clearcut	413 - Aspen	Planting Record	No
Prescription Harves						ant out any conife	or or aroon morked	troop Foous the		
Specs: cavity		est would be best if	aone aurii	na dorm	ancy. Inc					L pine an
Next Step Monito		vest would be best if ral Regen (Re-Inven		ng dorm	ancy. Inc		or green marked or Grouse Spec and			∟ pine an
Next Step Monito Treatments: Acceptable mediur	ring, Natur	al Regen (Re-Inven		ng dorm	ancy. Inc					L pine an
Next Step Monito Treatments:	ring, Natur	al Regen (Re-Inven		ng dorm	ancy. Inc					L pine an
Next Step Monito Treatments: Acceptable mediur Regen: Other	ring, Natur	al Regen (Re-Inven		ng dorm	ancy. Inc					L pine an
Next Step Monito Treatments: Acceptable mediur Regen: Other Comment:	ring, Natur	ral Regen (Re-Inven		ng dorm	ancy. Inc					L pine an
Next Step Treatments: Acceptable Regen: Other Comment: Site Condition:	ring, Natura m or better	ral Regen (Re-Inven			51-80					
Next Step Treatments: Acceptable Medium Regen: Other Comment: Site Condition: Proposed Start Date 233 73046233-Cut Prescription Harves	ring, Naturation or better 10/01/20 7.5 sted as a cl	ral Regen (Re-Invenoration of Aspen. 026 4130 - Aspen	5 ation. This	54 is becau	51-80	lude the Gladwir	Grouse Spec and	No Chipping Spr 413 - Aspen	Planting Record	No
Next Step Treatments: Acceptable Medium Regen: Other Comment: Site Condition: Proposed Start Date 233 73046233-Cut Prescription Harves Specs: the Glatest Start Start Start Specs Start Start Specs Specs Start Start Specs Specs Start Start Specs Specs Start Start Specs Specs Start Specs Start Specs Specs Specs Start Specs	m or better 10/01/20 7.5 sted as a cladwin Grou	ral Regen (Re-Invenoration of aspen. 026 4130 - Aspen learcut without reter	tory) 5 ntion. This sipping Spe	54 is becau	51-80	lude the Gladwir	Grouse Spec and	No Chipping Spr 413 - Aspen	Planting Record	No
Next Step Treatments: Acceptable Regen: Other Comment: Site Condition: Proposed Start Date 233 73046233-Cut Prescription Specs: Harves the Glate Mext Step Treatments: Acceptable Monito medium	e: 10/01/20 7.5 sted as a cladwin Grou	ral Regen (Re-Inven stocking of aspen. 026 4130 - Aspen learcut without reteruse Spec and No Ch	5 ntion. This nipping Spe tory)	54 is becau	51-80 use of its	Harvest small acreage. T	Clearcut	A13 - Aspen	Planting Record uring dormancy	No /. Include
Next Step Treatments: Acceptable Regen: Other Comment: Site Condition: Proposed Start Date 233 73046233-Cut Prescription Specs: Harves the Glate Mext Step Treatments:	e: 10/01/20 7.5 sted as a cladwin Grou	ral Regen (Re-Inven stocking of aspen. 026 4130 - Aspen learcut without reteruse Spec and No Ch	5 ntion. This nipping Spe tory)	54 is becau	51-80 use of its	Harvest small acreage. T	Clearcut	A13 - Aspen	Planting Record uring dormancy	No /. Include
Next Step Treatments: Acceptable Regen: Other Comment: Site Condition: Proposed Start Date 233 73046233-Cut Prescription Specs: Harves the Glave Step Treatments: Acceptable Regen: Other	e: 10/01/20 7.5 sted as a cladwin Grou	ral Regen (Re-Inven stocking of aspen. 026 4130 - Aspen learcut without reteruse Spec and No Ch	5 ntion. This nipping Spe tory)	54 is becau	51-80 use of its	Harvest small acreage. T	Clearcut	A13 - Aspen	Planting Record uring dormancy	No /. Include

S t		Gladwin	Mgt. Unit		Repoi	rt 3 1	Freatments		Compartmer Year of Entr		
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
261	73046261-Cut	21.8 43	311 - Pine, Aspen Mix	6	51	51-80	Harvest	Clearcut	4319 - Mixed Upland Forest	Planting Record	No
Preso Spec		t as a clear Chipping S	cut with retaining. T Spec.	The retent	ion shou	ıld be in p	ockets. Also ma	rk some oak and p	ine. Include the C	∃ladwin Grous	e Spec
	Step Monitor ments:	ring, Natura	ıl Regen (Re-Inven	tory)							
Acce Rege		n or better s	stocking of maple,	aspen, an	d oak wi	th some s	eeding in of con	ifers.			
Other Com	<u>r</u> ment:										
Site 0	Condition:										
Propo	osed Start Date	<u>:</u> 10/01/20	26								
275	73046275- Monitor	35.9	613 - Lowland Mixed Forest	0	5	Immatu re	Monitoring	Monitoring - Regeneration	611 - Lowland Deciduous Forest	Planting Record	No
Preso Spec	<u>cription</u> monitor s:	r natural reç	generation								
	Step ments:										
Acce Rege		n stocking o	of mixed species								
Other Com	<u>r</u> ment:										
Site 0	Condition:										
Propo	osed Start Date	10/01/20	28								

Total Treatment Acreage Proposed: 321.4

Gladwin Mgt. Unit

Steve Nyhoff: Examiner



DNR DNR
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Compartment: 46 Year of Entry: 2027

Availa	ability for	Managemer	nt								
Total	Acres	Acres Avail	Acres	D	omina	nt Site	e Con	dition	s		
Acres	Available	With Condition	Not Available		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.

	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

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2	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	38	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
}	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	10	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
1	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
C	Comments:						
8	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	18	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
10	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	13	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
11	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	107	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
12	Unavailable	2A: Adjacent landowner denied access	229	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
13	Unavailable	3D: Recreational/scenic values	4	Unspecified	Unspecified	Unspecified	Unspecified
C	comments:						

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14	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	40	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Frue swamp. Very v	wet. Emerald Ash Borer infesta	ation. 80%	mortality of ash compon	ent		
15	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	13	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						
16	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	7	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						
17	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	6	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						
18	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	9	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						

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

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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	y harvested from this stand in 20)12. BA i	s now around 80. Hold fo	r 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
C	comments:						
32	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	28	Unspecified	Unspecified	Unspecified	Unspecified
C	comments:						
33	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
C	comments:						
35	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	4	Unspecified	Unspecified	Unspecified	Unspecified
C	comments:						
36	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	13	Unspecified	Unspecified	Unspecified	Unspecified
C	comments:						
37	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	4	Unspecified	Unspecified	Unspecified	Unspecified
C	comments:						

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Commo	navailable	5E: Long-Term Retention 5E: Long-Term Retention	1	Unspecified Unspecified	Unspecified Unspecified	Unspecified Unspecified	Unspecified Unspecified
9 Un Comm 0 Un	navailable nents:	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Commo	nents:	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Commo	nents:	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
0 Un							
	navailable						
Comm		5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
	nents:						
1 Un	navailable	2G: Too wet (sensitive	6	Unspecified	Unspecified	Unspecified	Unspecified
		soils, does not include access issues)		·		·	·
Comm	nents:						
2 Un	navailable	2G: Too wet (sensitive soils, does not include access issues)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comm	nents:						
3 U n	navailable	2G: Too wet (sensitive soils, does not include access issues)	8	Unspecified	Unspecified	Unspecified	Unspecified
Commo	nents:						

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

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

Mgt. Unit Compartment: #Type!
Year of Entry:

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

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

SCA Name	SCA Category	Detail Type	Recommendation Acres
Comments			

Stan	d Level 4 Co	over Type		Size De	nsity	Acres	Stand Age B	A Range	Managed S	ite	General Comments
1	6112 - Lov	vland Aspe	n Po	oletimber	Medium	59.2	38	51-80	N/A		This is a highly variable stand. It is a mixture of uplands and lowlands
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	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
	Paper Birch	5	Pole	4		Ta	ag Alder	Medium	5 - 10 feet	5 - 10 feet	to 100%, with an average of 60%. The terrain is hummocky. It was
	Tamarack	5	Sapling	6		Mich	nigan Holly	Medium	5 - 10 feet	5 - 10 feet	habitat cut in 1987. The access is difficult. It may not be feasible for
	White Pine	5		5							commercial harvest. Allowable access through private is unknown.
	Red Maple	30	Sapling	5	38						
	Quaking Aspen	30	Sapling	5	38						
	Bigtooth Aspen	25	Sapling	6	38						
2	6112 - Lov	vland Aspe	n l	Poletimbe	er Poor	66.2	52	1-50	N/A	1	The stand was habitat cut in 1973 by a D7 with a K-blade. It is poorly
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	stocked. The crown closure goes from 0 to 75% with an average of 25%. Overall, the stand could possibly be considered non-forested.
	Red Maple	30	Sapling	6			Alder	Medium	5 - 10 feet	5 - 10 feet	Allowable private access is unknown.
	Quaking Aspen	40		6	52	Mich	nigan Holly	Medium	5 - 10 feet	5 - 10 feet	'
	Paper Birch	5	Sapling	6			-				1
	Tamarack	10		8							
	White Pine	5		5							
	Bigtooth Aspen	10		8	52						
3	6112 - Lov	vland Aspe	n l	Poletimbe	er Poor	61.3	38	1-50	N/A	\	This stand was habitat cut in 1987. It has patchy regeneration. It is
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Spec		Density	Avg. Height	Size	difficult to access. The terrain is hummocky. There are inclusions of lowland shrubs and areas of upland herbaceous. The quaking aspe
	Quaking Aspen	50 Sapling	5	38		nigan Holly	Medium	5 - 10 feet	5 - 10 feet	has significant black knots making the quality low. The white pine in	
	Bigtooth Aspen	25	Sapling	6	38		Alder	Low	5 - 10 feet	5 - 10 feet	the stand is heavily weevilled. The crown closure goes from 15 to
	White Pine	15	, ,	10							¹ 100% with an average of 65%. Allowable private access is unknown
	Tamarack	10	Sapling	6							
4	629 - Mixed non	-forested W	/etland	Non	е	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	5 - Bog		Non	е	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 E	mergent W	etland	Non	е	11.1			No		The stand is low and wet. It looks like a wet meadow with some are of lowland shrubs. The best classification is emergent marsh.
7	6239 - Mixed E	mergent W	etland	Non	е	27.6			No		This is an emergent wetland with scattered islands of trees.
8	6220 - Al	lder/Willow		Non	e	6.1			No		This is an area of lowland shrubs over marsh grass. It is wetter than the surrounding stand.
9	6225	- Bog		Non	е	9.6			No		The stand is mainly leather leaf with areas of lowland shrubs. The
					Г	Sub-Ca	nopy Species	Density	Avg. Height	Size	lowland shrubs are mainly holly mixed with alder.
							ag Alder	Medium	5 - 10 feet	5 - 10 feet	

Stand	d Level 4 Co	over Type		Size De	ensity	Acres	Stand Age B	A Range	Managed S	ite	General Comments
10	6112 - Lov	vland Aspe	n	Poletimb	er Poor	53.8	48	1-50	N/A	١	The stand was habitat cut in 1977. The stand is decadent with poorly
	Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	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
	White Pine	5	Sapling	6		Mich	nigan Holly	Medium	5 - 10 feet	5 - 10 feet	lowland shrubs.
	Bigtooth Aspen	95	Sapling	5	48	Ta	ag Alder	Medium	5 - 10 feet	5 - 10 feet	
11	6220 - A	lder/Willow		No	ne	12.4			No	ı	The stand is mostly alder and holly. There is a pocket of low wet
						Sub-Ca	nopy Species	Density	Avg. Height	Size	aspen. However, the crown closure is less than 25%.
						Ta	ag Alder	Full	5 - 10 feet	5 - 10 feet	
12	6112 - Lov	vland Aspe	n	Sapling	Medium	44.4	28	51-80	N/A	۸	The stand was clearcut in Miller's Tracks, sale 73-010-97. The harves
	Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	was completed in 1997. There are pockets of A6 with some open areas. It has numerous tag alder pockets. The crown closure goes
	Red Maple	25	Pole	4		Ta	ag Alder	Low	5 - 10 feet	5 - 10 feet	from 0-100% with an average of 80%.
	Bigtooth Aspen	30	Sapling	5	28			'	1	1	_
	Quaking Aspen	45	Sapling	5	28						
13	4131 - A	spen, Oak	P	Poletimbe	r Mediur	m 3.6	85	51-80	N/A	١	This area is a traditional hunting camp. It was retained during the 1997 harvest of stand 12. The aspens and birches are declining. The
	Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	crown closure is around 60%.
	Red Maple	15		11		Black/Re	d (Hybrid) Oak	Low	10 - 20 feet	10 - 20 feet	
	Bigtooth Aspen	45		12	85	Re	ed Maple	Low	>20 feet	>20 feet	
	White Pine	10	Seedling								
Bla	ck/Red (Hybrid) Oak	30		10							
14	6239 - Mixed E	ixed Emergent Wetland		None		9.8	9.8		No		This is an emergent wetland made by an old beaver pond that is sholding water.
15	6113 - Lov	wland Maple	Э	Sawtimb	er Poor	12.7	100	1-50	N/A	٨	The ash is gone. The crown closure is now around 25%. The trees
	Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	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
	Quaking Aspen	5		14			Alder	Full	5 - 10 feet	5 - 10 feet	and the trees are of poor quality. Leave as mature timber and let
	Red Maple	90		14	100						nature take its course.
	Paper Birch	5	Seedling	8							
16	6118 - Lowland De	eciduous wi	th Cedar	Poletimb	er Poor	18.9	100	1-50	N/A	١	The stand is mainly alder and holly with scatter pockets of swamp
	Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	hardwoods and cedar. The crown closure goes from 0 to 75%, but it averages 30%.
No	orthern White Cedar	25		9		Ta	ag Alder	High	5 - 10 feet	5 - 10 feet	
	Balsam Fir	5	Sapling	5		Mich	nigan Holly	Medium	5 - 10 feet	5 - 10 feet	
	Red Maple	70		8	100						
17	6229 - Mixed	Lowland SI	nrub	No	ne	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 ar 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.

	Gladwin Mgt. Unit						Корс		anas		Year of Entry: 2027	
Stand	d Level 4 C	over Type		Size De	nsity	Acres	Stand Age B	A Range	Managed S	ite	General Comments	
18	622 - Lov	vland Shrub)	Nor	е	15.8			No		The stand is a mixture of lowland shrubs over marsh grass. The	
						Sub-Car	nopy Species	Density	Avg. Height	Size	southern end is heavier to alder, and the northern end is heavier to leather leaf.	
						Та	ag Alder	Medium	5 - 10 feet	5 - 10 feet		
19	6112 - Lo	wland Aspe	n F	Poletimbe	er Poor	37.6	52	1-50	N/A	\	The stand is highly variable. The crown closure goes from 0 to 100%,	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	with an average of 40%. The aspen is in pockets with numerous openings. It has poor form in general and in much of the stand it is	
	Quaking Aspen	50		9	52	Mich	igan Holly	Low	5 - 10 feet	5 - 10 feet	declining. The stand is seeding in with maple, birch and conifer. It has	
	White Pine	10		8			Alder	Medium	5 - 10 feet	5 - 10 feet	difficult access issues. Allowable private access is unknown. The	
	Red Maple	40		8							□ terrain is hummocky.	
20	623 - Emer	gent Wetla	nd	Nor	е	83.0			No		The stand is an emergent marsh with a man-made drain cutting through it. It also has a series of beaver dams. The water held back by the dams are confined to the drainage channel, for the most part.	
21	4199 - Other Mixe	d Upland D	eciduous Sa	awtimber	Mediu	m 8.7	93	1-50	N/A	1	The stand is currently factor limited as blocked by physical obstacle.	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	The crown closure is barely 50%. It is mainly a knob that is transition into lowland shrub types. The aspen and birch is declining. The stand	
	Red Maple	30		10		Re	d Maple	Low	>20 feet	>20 feet	does have some oak and white pine regeneration.	
	Paper Birch	25		10								
Bla	ck/Red (Hybrid) Oak	35		13	93							
	Tamarack	5	Seedling	8								
	Bigtooth Aspen	5		12								
22	6229 - Mixed	Lowland S	hrub	Non	е	13.1			No		The stand is a depression. It has a pocket of fir at the north end and a pocket of cedar at the south end. The overall crown closure is less	
						Sub-Ca	nopy Species	Density	Avg. Height	Size	than 15%.	
							marack	Low	>20 feet	>20 feet		
						Northern	White Cedar	Low	>20 feet	>20 feet		
						Та	ag Alder	Full	5 - 10 feet	5 - 10 feet		
23	4130	- Aspen	F	Poletimb	er Well	29.8	37	81-110	N/A		The stand was harvested in Wildwood Shores Block, 73-020-87, ¬ which was completed in 1988. The crown closure is now around 80%.	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	The stand is transitioning into poles. The terrain is hummocky.	
	Quaking Aspen	70	Sapling	6	37	Black/Red	d (Hybrid) Oak	Low	5 - 10 feet	5 - 10 feet		
	Bigtooth Aspen	20	Sapling	6	37	Decidu	ious Shrubs	High	5 - 10 feet	5 - 10 feet		
	Red Maple	5	Pole	4								
	White Pine	5		6								
24	6229 - Mixed	Lowland S	hrub	Nor	е	6.3			No		The stand is mainly lowland shrubs made up of alder and holly. There are some scattered trees.	
25	4130	- Aspen	Po	letimber	Mediu	m 23.2	37	81-110	N/A	1	Some aspen is growing off-site and is showing early signs of	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	decadence. It was harvested in Wildwood Shores Block, 73-020-87, which was completed in 1988. The stand is a 50 to 50 mix of uplands	
	Red Maple	10	Sapling	5		Та	ımarack	Low	10 - 20 feet	10 - 20 feet	and lowlands. There is a pocket of tamarack and white pine at the	
	Tamarack	8		8		Wh	nite Pine	Low	Variable	Variable	south end. There are also numerous small inclusions of lowland	
	Quaking Aspen	72	Sapling	6	37	Black/Red	d (Hybrid) Oak	Low	5 - 10 feet	5 - 10 feet	shrubs with a larger one at the north end.	

White Pine

10

12

Alder

5 - 10 feet

5 - 10 feet

Medium

Compartment: 46

Stand	Level 4 Co	Level 4 Cover Type Size Density Acres Stand Age BA Range Managed Site						ite	General Comments		
26	6113 - Low	land Mapl	e Sa	awtimber	Medium	n 7.7	100	51-80	N/A		The stand is too wet to treat. The ash is gone. The crown closure is around 70%.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
	Red Maple	100		14	100	Black/Red	l (Hybrid) Oak	Low	Variable	Variable	
						Musclewo	od/Hornbeam	Full	5 - 10 feet	5 - 10 feet	
						Decidu	ous Shrubs	High	5 - 10 feet	5 - 10 feet	
27	4191 - Mixed Uplar Cor	nd Decidu nifer	ous with Po	oletimber	Medium	n 14.1	28	51-80	N/A		The stand was clearcut in Miller's Tracks, sale 73-010-97. The harve was completed in 1997. The terrain is hummocky. The stem density
	Canopy Species	% Cover	Size Class	DBH	Age						variable with the highest density being along the south edge. Tamarack is seeding in. The stand is converting to poles.
Blac	ck/Red (Hybrid) Oak	35	Sapling	5	28						rumaraok is seeding in. The stand is converting to poles.
	Austrian Pine	15	Pole	3							
	Quaking Aspen	35	Sapling	5	28						
28	6224 - Tı	reed Bog		Non	e	1.7			No		This is a leather leaf bog with scattered trees, mainly tamarack.
						Sub-Car	opy Species	Density	Avg. Height	Size	
						Taı	marack	Low	10 - 20 feet	10 - 20 feet	
29	6224 - Tı	reed Bog		Non	e	2.1			No		This is a leather leaf bog with scattered trees, mainly tamarack.
						Sub-Car	opy Species	Density	Avg. Height	Size	
					Tai	marack	Low	10 - 20 feet	10 - 20 feet		
30	629 - Mixed non-forested Wetland			Non	е	3.0			No		This is a swale that is mainly non-forested wetlands. There is a crerunning through it
31	4136 - Aspen,	Mixed Co	nifer	Sapling	Poor	68.6	7 lı	Immature	N/A		The stand was harvested under contract 73-010-17, Spring Fawn M
	Canopy Species	% Cover	Size Class	DBH	Age						It was cut during the summer of 2018. There are inclusions of leather leaf and lowland shrubs. The mix of uplands to lowlands is about 50
	White Pine	5		6							lear and lowiand simuss. The mix of uplands to lowiands is about 50
		J		0							50 mix. The regeneration consists of patchy aspen with pockets of
	Tamarack	20	Sapling	7							50 mix. The regeneration consists of patchy aspen with pockets of retained conifers. Much of the oak regeneration is not established.
	Tamarack Red Maple		Sapling Log		7						50 mix. The regeneration consists of patchy aspen with pockets of retained conifers. Much of the oak regeneration is not established. The stand will remain poorly stocked unless the tamarack and white
		20		7	7						50 mix. The regeneration consists of patchy aspen with pockets of retained conifers. Much of the oak regeneration is not established. The stand will remain poorly stocked unless the tamarack and white pine seed in. The crown closure goes from 0-60% but averages
	Red Maple	20 5	Log	7	7						50 mix. The regeneration consists of patchy aspen with pockets of retained conifers. Much of the oak regeneration is not established. The stand will remain poorly stocked unless the tamarack and white pine seed in. The crown closure goes from 0-60% but averages
	Red Maple Bigtooth Aspen	20 5 30	Log Log	7 1 1	7						50 mix. The regeneration consists of patchy aspen with pockets of retained conifers. Much of the oak regeneration is not established. The stand will remain poorly stocked unless the tamarack and white
Blad	Red Maple Bigtooth Aspen Quaking Aspen	20 5 30 30 10	Log Log Log Log	7 1 1 1 1	7 7 7	5.4			No		50 mix. The regeneration consists of patchy aspen with pockets of retained conifers. Much of the oak regeneration is not established. The stand will remain poorly stocked unless the tamarack and white pine seed in. The crown closure goes from 0-60% but averages around 25%. The stand, at the current time, is almost non-forested.
Blac 32	Red Maple Bigtooth Aspen Quaking Aspen ck/Red (Hybrid) Oak	20 5 30 30 10 Lowland S	Log Log Log Log	7 1 1 1 1 1 1	7 7 7	5.4			No No		50 mix. The regeneration consists of patchy aspen with pockets of retained conifers. Much of the oak regeneration is not established. The stand will remain poorly stocked unless the tamarack and white pine seed in. The crown closure goes from 0-60% but averages around 25%. The stand, at the current time, is almost non-forested. The stand is a draw that is mainly alder. There are pockets of trees.
32 33	Red Maple Bigtooth Aspen Quaking Aspen ck/Red (Hybrid) Oak 6229 - Mixed L	20 5 30 30 10 Lowland Si	Log Log Log Log Vetland	7 1 1 1 1 1 Non	7 7 7 7						50 mix. The regeneration consists of patchy aspen with pockets of retained conifers. Much of the oak regeneration is not established. The stand will remain poorly stocked unless the tamarack and white pine seed in. The crown closure goes from 0-60% but averages around 25%. The stand, at the current time, is almost non-forested. The stand is a draw that is mainly alder. There are pockets of trees The crown closure goes from 0-50% with an average around 15%. This stand is an emergent marsh with lowland shrubs around the perimeter. This is a depression of lowland shrubs over marsh grass. The stand
32 33	Red Maple Bigtooth Aspen Quaking Aspen ck/Red (Hybrid) Oak 6229 - Mixed L	20 5 30 30 10 Lowland Si	Log Log Log Log Vetland	7 1 1 1 1 1 Non	7 7 7 7	4.5 15.2	nopy Species	Density	No	Size	50 mix. The regeneration consists of patchy aspen with pockets of retained conifers. Much of the oak regeneration is not established. The stand will remain poorly stocked unless the tamarack and white pine seed in. The crown closure goes from 0-60% but averages around 25%. The stand, at the current time, is almost non-forested. The stand is a draw that is mainly alder. There are pockets of trees. The crown closure goes from 0-50% with an average around 15%. This stand is an emergent marsh with lowland shrubs around the perimeter. This is a depression of lowland shrubs over marsh grass. The stan now extends further north because of the ash die off in that area. The
32 33	Red Maple Bigtooth Aspen Quaking Aspen ck/Red (Hybrid) Oak 6229 - Mixed L	20 5 30 30 10 Lowland Si	Log Log Log Log Vetland	7 1 1 1 1 1 Non	7 7 7 7	4.5 15.2 Sub-Car	nopy Species g Alder	Density Full	No No		50 mix. The regeneration consists of patchy aspen with pockets of retained conifers. Much of the oak regeneration is not established. The stand will remain poorly stocked unless the tamarack and white pine seed in. The crown closure goes from 0-60% but averages around 25%. The stand, at the current time, is almost non-forested. The stand is a draw that is mainly alder. There are pockets of trees. The crown closure goes from 0-50% with an average around 15%. This stand is an emergent marsh with lowland shrubs around the perimeter. This is a depression of lowland shrubs over marsh grass. The stand
	Red Maple Bigtooth Aspen Quaking Aspen ck/Red (Hybrid) Oak 6229 - Mixed L	20 5 30 30 10 Lowland Si	Log Log Log Log Vetland	7 1 1 1 1 1 Non	7 7 7 7	4.5 15.2 Sub-Car			No No Avg. Height	Size 5 - 10 feet	50 mix. The regeneration consists of patchy aspen with pockets of retained conifers. Much of the oak regeneration is not established. The stand will remain poorly stocked unless the tamarack and white pine seed in. The crown closure goes from 0-60% but averages around 25%. The stand, at the current time, is almost non-forested. The stand is a draw that is mainly alder. There are pockets of trees. The crown closure goes from 0-50% with an average around 15%. This stand is an emergent marsh with lowland shrubs around the perimeter. This is a depression of lowland shrubs over marsh grass. The stand now extends further north because of the ash die off in that area. The overstory is gone and now it is dominated by alder.

									10th 51 Entry: 2021		
Stand	Level 4 Co	over Type		Size De	nsity	Acres	Stand Age B	A Range	Managed S	Site	General Comments
35	42210 - Nat	ural Red P	ine S	Sawtimb	er Well	5.9	70	81-110	N/A	4	The stand had a low thinning done in December of 2018 in Bald Eagle
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	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
	Red Pine	90		10	70	Bigto	oth Aspen	Low	5 - 10 feet	5 - 10 feet	established. There are also a couple of pockets of aspert regeneration
	White Pine	5		8		Black/Red	d (Hybrid) Oak	Low	5 - 10 feet	5 - 10 feet	
	Red Maple	5		7							
36	429 - Mixed U	Jpland Cor	nifers Sa	awtimber	Medium	n 12.3	90	51-80	N/A	4	The terrain is hummocky. The crown closure ranges from 10 to 100%
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	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
	Paper Birch	5	Pole	3		Commo	n Blackberry	Low	5 - 10 feet	5 - 10 feet	Surrounded, sale 73-054-91, which was completed in 1994.
	Balsam Fir	20	Sapling	5	32	Decidu	ous Shrubs	Medium	5 - 10 feet	5 - 10 feet	
	Quaking Aspen	10	Pole	4	32				1	1	
	White Pine	50		13	90						
Blac	k/Red (Hybrid) Oak	15	Pole	3							
37	4133 - Aspe	n, Mixed P	Pine F	Poletimb	er Well	31.7	46	111-140	N/A	4	The stand is a mixture of uplands and lowlands at about a 60–40 mix.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	The white pine was retained after harvest. The terrain is hummocky. The crown closure goes from 10-100%, with an average around 65%.
Blac	k/Red (Hybrid) Oak	5	Sapling	7			gan Holly	Medium	5 - 10 feet	5 - 10 feet	The crown closure goes from 10-100%, with an average around 05%.
	Quaking Aspen	40	Seedling	7	46				-		
	Red Pine	5		8							
	Bigtooth Aspen	20	Seedling	7	46						
	White Pine	30		8							
38	6229 - Mixed	Lowland S	hrub	Nor	ne	14.2			No)	The stand is a depression with scattered swamp conifers that are
						Sub-Car	nopy Species	Density	Avg. Height	Size	heavy to white pine. The trees are on slight ridges. They are fairly
							g Alder	Full	5 - 10 feet	5 - 10 feet	dense especially along the east side. The current crown closure is close to 25%.
							gan Holly	High	5 - 10 feet	5 - 10 feet	
							ite Pine	Low	10 - 20 feet	10 - 20 feet	
39	42200 - Natu	ıral White l	Pine F	Poletimb	er Well	35.1	46	81-110	N/A	4	Overall, the white pine appears to be natural. The stand was thinned
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	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
	White Pine	80		11	46		ite Pine	Low	5 - 10 feet	5 - 10 feet	some regeneration, but it is not extensive.
	Red Maple	15	Sapling	7							
	Red Pine	5	1 0	10							
40	629 - Mixed non	-forested V	Vetland	Nor	ne	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 S	hrub	Nor	ne	8.3			No)	The ash in the stand is now gone. It has converted to lowland shrubs

with scattered trees.

Compartment: 46

Year of Entry: 2027

Gladwin Mgt. Unit Report 7 – Stands

Stand **Level 4 Cover Type** Size Density Acres Stand Age BA Range **Managed Site General Comments** 4139 - Aspen, Mixed Deciduous Poletimber Well 52.6 46 81-110 N/A The stand is mainly uplands with low pockets. The terrain is 42 hummockv. Size **Canopy Species** % Cover Size Class **DBH Age Sub-Canopy Species** Density Ava. Height 7 46 White Pine Low 10 - 20 feet 10 - 20 feet Quaking Aspen Sapling 40 7 46 5 - 10 feet Red Maple Sapling Deciduous Shrubs Medium 5 - 10 feet 7 Black/Red (Hybrid) Oak 10 Sapling Black/Red (Hybrid) Oak Low 10 - 20 feet 10 - 20 feet 10 8 White Pine 10 - 20 feet Red Maple Low 10 - 20 feet 7 30 46 Bigtooth Aspen 6220 - Alder/Willow 8.8 None No The stand is heavy to alder and holly shrubs with some scattered 43 Size **Sub-Canopy Species** Density Avg. Height Tag Alder High 5 - 10 feet 5 - 10 feet Michigan Holly Medium 5 - 10 feet 5 - 10 feet 6229 - Mixed Lowland Shrub None 9.9 No The stand is lowland shrubs around a beaver pond. The shrubs are 44 alder and willow. 500 - Water None 14.1 No The stand is lowland shrubs around a beaver pond. The shrubs are 45 alder and willow 6220 - Alder/Willow None 13.4 Nο This stand is heavy to tag alder and holly. There are some scattered 46 birch and white pine. Size **Sub-Canopy Species** Density Avg. Height Hiah 5 - 10 feet 5 - 10 feet Michigan Holly Full 5 - 10 feet 5 - 10 feet Tag Alder 6114 - Lowland Oak Sapling Poor 11.0 18 N/A The stand was harvested in Wildwood Aspen 73-003-03 that was 47 **Immature** completed in 2003. The stand is heavily browsed by deer. It was **DBH Age** % Cover Size Class **Canopy Species** mechanically seeded to jack pine on March 25, 2014. FTP C73-905. Red Maple 10 2 18 Log 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 2 Quaking Aspen 15 Log 18 hummocky. The mixture of uplands to lowlands is 60-40. 15 2 18 Bigtooth Aspen Log 2 18 Black/Red (Hybrid) Oak 60 Loa 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 **Canopy Species** % Cover Size Class **DBH Age Sub-Canopy Species** Density Avg. Height Size end. Scattered vounger aspen poles and paper birch make up the rest Red Maple 60 5 30 White Pine High 10 - 20 feet 10 - 20 feet of the canopy. A dense understory of white pine saplings dominates beneath the canopy. The stand does have a drainage flowing through 8 White Pine 10 it. The north end is now more lowland shrubs. The terrain is 30 6 Seedling Quaking Aspen hummocky. 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 49 variation in age groups among the pine, but the stand is **DBH Age Canopy Species** % Cover Size Class **Sub-Canopy Species** Size Density Avg. Height predominately poles. A sub-canopy of white pine saplings makes up White Pine Red Maple 6 Low 5 - 10 feet 5 - 10 feet 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 95 12 White Pine 70 starting to regenerate but it is very sparse at the current time. The crown closure is closer to 75%

Compartment: 46

Year of Entry: 2027

Gladwin Mgt. Unit

Stanc	Level 4 C	over Type		Size Density	Acres	Stand Age B	A Range	Managed S	ite	General Comments
50	6112 - Lov	vland Aspe	n	Sapling Medium	3.9	28	1-50	N/A		The stand was harvested in Miller's Tracks 73-010-97 in 1997.
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	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
	White Pine	15	Sapling	6	Та	ag Alder	Medium	5 - 10 feet	5 - 10 feet	very wet. There is a ridge along the north side. Also, along stand 58
	Quaking Aspen	50	Pole	4 28	Blac	ck Spruce	Full	5 - 10 feet	5 - 10 feet	there is significant black spruce. The crown closure is around 50%.
	Black Spruce	20	Sapling	6						-
	Red Maple	15	Pole	3						
51	6113 - Lov	wland Maple	е	Poletimber Poor	9.0	95	1-50	N/A		This area was painted out of the sale Miller's Tracks 73-010-97
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	because of wetness. The stand is a swamp hardwood with some aspen clones. The ash in the stand is now gone and the crown
	Red Maple	60		8 95		Alder	Full	5 - 10 feet	5 - 10 feet	closure is now closer to 25% especially in the eastern ½.
	Quaking Aspen	20	Sapling	7						-
	White Pine	20		10						
52	500 -	· Water		None	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 Sl	hrub	None	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 - A	lder/Willow		None	7.0			No		The stand is lowland shrubs with pockets of aspen and maple.
					Sub-Ca	nopy Species	Density	Avg. Height	Size	
					Та	ag Alder	Full	5 - 10 feet	5 - 10 feet	
55	4130	- Aspen		Sapling Medium	5.6	18 lı	mmature	N/A		The stand was harvested in Wildwood Aspen 73-003-03 that was
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	completed in 2003. This stand was mechanically seeded to jack pine on March 25, 2014. When regeneration survey was done on 2/20/17
	Quaking Aspen	50	Log	2 18		Alder	Medium	5 - 10 feet	5 - 10 feet	no jack pine was found but currently the regeneration is at a moderate
	Red Maple	15	Log	2 18	Decidu	uous Shrubs	Medium	5 - 10 feet	5 - 10 feet	level with a crown closure around 35%. The stand was surveyed using 50th acre plots and came up with 465 stems per acre. The
Bla	ck/Red (Hybrid) Oak	15	Log	2						stand has about 60% uplands that are ridges. The rest of the stand is
	Bigtooth Aspen	20	Log	2						lowland shrubs.
56	6233 - W	et Meadow		None	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-I	Density Tre	es	None	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 - A	lder/Willow		None	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	Stand Level 4 Cover Typ		:	Size Density		Stand Age I	BA Range	Managed S	ite	General Comments
59	6112 - Low	land Aspe	n	Unspecifed	3.0	6				2020 Sale Closure Comments: Units 3 and 4 of Black Bear Aspen 73
					Sub-Ca	nopy Species	Density	Avg. Height	Size	o14-17 were harvested October of 2019. The stand was Clear-cut 2" and up except white pine, white cedar, and green marked trees. The
					Qual	king Aspen	Low	10 - 20 feet	10 - 20 feet	regeneration is poor and is mainly multiple clumps of aspen with
					Ta	ag Alder	High	5 - 10 feet	5 - 10 feet	scattered trees throughout. The west end of the stand has
					Black/Re	d (Hybrid) Oak	Low	5 - 10 feet	5 - 10 feet	regenerated to a medium stocking of oak/aspen, but it is less than 2 acres.
60	4130 -	Aspen	P	oletimber Poo	r 6.4	35	1-50	N/A	١	The stand was harvested in Sterling Truck Trail, sale 73-016-87. It
(Canopy Species	% Cover	Size Class	DBH Age						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.
	White Pine	10		9						paterly mix or appear and bak. The boil appears to be droughly.
	Red Maple	5	Sapling	5						
Е	Bigtooth Aspen	60	Seedling	7 35						
C	Quaking Aspen	25	Sapling	6						
61	4130 -	Aspen	Ро	letimber Mediu	ım 19.6	28	1-50	N/A	١	The stand was harvested in Miller's Tracks, 73-010-97 in 1997. The
(Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	crown closure is now around 75%. The terrain is hummocky. There are also pockets of lowland shrubs along the south side.
Е	Bigtooth Aspen	60	Sapling	6 28	Decid	uous Shrubs	Medium	5 - 10 feet	5 - 10 feet	та та по различения по та по
	White Pine	15	Sapling	7						-
C	Quaking Aspen	20	Sapling	5 28						
Black	k/Red (Hybrid) Oak	5	Pole	4						
62	6113 - Low	land Mapl	e Sa	wtimber Mediu	ım 8.9	85	81-110	N/A	١	The ash is dead and gone. There is also not much aspen left. The
(Canopy Species		Size Class	DBH Age		nopy Species		Avg. Height	Size	rown closure is now around 70%. The terrain is hummocky.
	Red Maple	75		11 85		uous Shrubs	Full	5 - 10 feet	5 - 10 feet	
	Paper Birch	5	Seedling	6		ed Maple	Low	10 - 20 feet	10 - 20 feet	
Black	k/Red (Hybrid) Oak	20		10	Black/Re	d (Hybrid) Oak	Low	10 - 20 feet	10 - 20 feet	
63	4130 -	Aspen	F	oletimber We	I 10.4	35	111-140	N/A	٨	The stand was clear cut in 1990 in Sterling Truck Trail, sale 73-016-
(Canopy Species	% Cover	Size Class	DBH Age						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.
	Bigtooth Aspen	75	Sapling	7 35						portion of the stand, and they are AL logs. The terrain is numinocky.
Black	k/Red (Hybrid) Oak	5		14						
	Quaking Aspen	20	Sapling	7 35						
		land Chrub)	None	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%.
64	622 - Low	ianu Snrub		None						The trees are in a matrix of lowland shrubs and marsh grass.
64		Aspen		sapling Mediun	າ 9.5	13	Immature	N/A	A	The trees are in a matrix of lowland shrubs and marsh grass. The stand was harvested in Second Sterling 73-021-10, which was
65		Aspen			n 9.5	13	Immature	N/A	Λ	The trees are in a matrix of lowland shrubs and marsh grass. The stand was harvested in Secord Sterling 73-021-10, which was completed in 2012. The northern 2/3 of the stand has regenerated
65	4130 -	Aspen	S	apling Mediun	n 9.5	13	Immature	N/A	Λ	The trees are in a matrix of lowland shrubs and marsh grass. 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 mix of aspen and oak. The crown closure goes from 25 to 100% and
65	4130 - Canopy Species	Aspen % Cover	Size Class	apling Mediun	າ 9.5	13	Immature	N/A	\	The trees are in a matrix of lowland shrubs and marsh grass. 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
65	4130 - Canopy Species Bigtooth Aspen	Aspen **Cover** 55	Size Class	DBH Age	9.5	13	Immature	N/A	Λ.	The trees are in a matrix of lowland shrubs and marsh grass. 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 mix of aspen and oak. The crown closure goes from 25 to 100% and

Stand	l Level 4 Co	over Type		Size De	nsity	Acres	Stand Age B	A Range	Managed S	Site	General Comments
66	4130 -	- Aspen	F	Poletimb	er Well	10.9	28	1-50	N/A	4	The eastern portion of the stand is wetter. It is heavy to birch and
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	quaking aspen. The western portion is dryer and heavy to oak and bigtooth aspen. The terrain is hummocky. There is some ash
	Bigtooth Aspen	45	Sapling	5	28	Black/Re	d (Hybrid) Oak	Low	10 - 20 feet	10 - 20 feet	regeneration, but it appears to die when it is 2-3 inches in diameter.
Bla	ck/Red (Hybrid) Oak	5	Pole	4		Gr	een Ash	Medium	10 - 20 feet	10 - 20 feet	The crown closure goes from 50 to 100% and averages around 80%.
	Red Maple	5	Pole	4							-
	Paper Birch	10	Pole	4							
	Quaking Aspen	35	Sapling	5							
67	6118 - Lowland De	eciduous w	ith Cedar Po	letimber	Mediun	n 10.3	70	81-110	N/A	Ą	The stand is very wet and most of it cannot be commercially
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	regeneration. The crown closure is now less than 50%
	Quaking Aspen	30		10		Black/Re	ed (Hybrid) Oak	Low	5 - 10 feet	5 - 10 feet	
	Red Maple	40		8	70						_
	Paper Birch	10		7							
No	rthern White Cedar	20		8	100						
68	6117 - Lowland [Coni	Deciduous, ferous	Mixed Sa	wtimber	Mediun	n 20.7	100	51-80	N/A	Ą	The stand is a mixture of upland ridges and low wet swales. The lowest areas are alder and holly. The terrain is hummocky. The ash
			over Size Class DBH			Sub-Ca	nopy Species	Density	Avg. Height	Size	the stand is gone. The aspen is declining. The crown closure goes from 30 to 100%, but averages 65%.
	White Pine	10		10		Decidu	uous Shrubs	High	5 - 10 feet	5 - 10 feet	nom so to 100 %, but averages 65 %.
	Red Maple	50		10	100						-
Bla	ck/Red (Hybrid) Oak	20		9							
	Balsam Fir	10	Sapling	6							
	Paper Birch	5		9							
69	6239 - Mixed Er	mergent W	etland	Nor	ne	13.2			No)	The stand is an emergent marsh with some lowland shrubs. There are some scattered trees, but it has a crown closure of less than 2%.
70	6220 - Al	der/Willow		Nor	ne	6.3			No)	The stand did have some ash, but it is now gone. It is mainly alder
						Sub-Ca	nopy Species	Density	Avg. Height	Size	and holly with some scattered maple and birch.
						Ta	ag Alder	Full	5 - 10 feet	5 - 10 feet	
71	4131 - As	spen, Oak		Sapling	Well	15.2	13 I	mmature	N/A	4	The stand was recently clear cut with some retention. There is good
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	regeneration. Some small pockets of lowland brush. The harvest was Secord Sterling 73-021-10, which was completed in 2012. The terrai
	White Pine	10		8			umn Olive	Medium	5 - 10 feet	5 - 10 feet	is mainly upland knolls with pockets of low wet depressions. The
	Bigtooth Aspen	65	Log	3	13			1	1		depressions have not regenerated well and are heavy to alder and
Bla	ck/Red (Hybrid) Oak	25	Pole	2							holly. There is some ORV damage along the access road. The crowr closure goes from 25 to 100%, and it averages around 80%
72	6220 - Al	der/Willow		Nor	ne	7.4			No)	The stand is mainly lowland shrubs with trees along the southeast
						Sub-Ca	nopy Species	Density	Avg. Height	Size	edge and along the road. The shrubs are mainly alder, holly, and
							an Aldan		7 10 fact	T 10 foot	willow.

Full

5 - 10 feet

Tag Alder

5 - 10 feet

Compartment: 46

Year of Entry: 2027

Compartment: 46 Year of Entry: 2027

Stand	Level 4 Co	ver Type		Size De	nsity	Acres	Stand Age B	A Range	Managed S	Site	General Comments
73	6112 - Low	/land Aspe	n Po	oletimber		n 7.8	53	51-80	N/A	١	The stand has a ridge running through the center. The low areas are sparsely treed or non-forested. The terrain is hummocky. The crown
	Canopy Species	% Cover	Size Class	DBH	Age		nopy Species	Density	Avg. Height	Size	closure goes from 0-100% with an average of 55%.
	Quaking Aspen	45	Seedling	7	53	Mich	igan Holly	Medium	5 - 10 feet	5 - 10 feet	
	White Pine	15		8		Wh	nite Oak	Low	10 - 20 feet	10 - 20 feet	
	Red Maple	30	Seedling	5		Black/Red	d (Hybrid) Oak	Medium	10 - 20 feet	10 - 20 feet	
Blad	ck/Red (Hybrid) Oak	10	Pole	3							
74	310 - Herbace	eous Open	land	Nor	е	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 ar 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 - T	amarack	F	Poletimb	er Well	19.8	60	141-170	N/A	A.	The stand is hummocky and wet. There is a lot of down wood. There
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	are also pockets of lowland shrubs. The crown closure is around 759
Blad	ck/Red (Hybrid) Oak	10		6		Black/Red	d (Hybrid) Oak	Low	5 - 10 feet	5 - 10 feet	
	Tamarack	75		6	60	Decidu	ous Shrubs	High	5 - 10 feet	5 - 10 feet	
	Red Maple	15		9							-
76	122 - Road	/Parking Lo	ot	Nor	е	7.9			No		Wildwood Road which is a county gravel road.
77	6224 - T	reed Bog		Nor	e	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 - Natu	ıral Jack P	ine S	Sawtimbe	er Well	4.3	60	51-80	N/A	١	There is a lot of down wood in the stand. The aspens and jack pines are declining. The terrain is hummocky.
	Canopy Species	% Cover	Size Class	DBH	Age						are deciming. The terrain is numinocky.
	Bigtooth Aspen	25		9							
	Tamarack	15	Seedling	8							
	Jack Pine	60		10	60						
79	6113 - Low	vland Mapl	e Sa	awtimber	Mediun	n 10.0	85	51-80	N/A	٨	The ash is gone and a portion of the central area of the stand is now
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	lowland shrubs. Because of the ash die off the stand has converted maple. The aspen in the stand is declining. The stand is too wet to
Blad	ck/Red (Hybrid) Oak	15		9		Decidu	ous Shrubs	Medium	5 - 10 feet	5 - 10 feet	treat.
	Red Maple	85		10	85					1	
80	6229 - Mixed	Lowland S	hrub	Nor	е	4.1			No		Harvested in Wildwood Aspen 73-013-03 completed in 2007. It has failed to regenerate.
81	330 - Low-D	ensity Tre	es	Nor	е	40.7			No	ı	The stand was cut by a D7 with a K-blade in 1975. The stocking is
					Γ	Sub-Car	nopy Species	Density	Avg. Height	Size	very poor. There is some oak and tamarack seeding in. The soils are about 60% uplands.
							g Alder	Medium	5 - 10 feet	5 - 10 feet	about 00 /0 apiando.
						Black/Red	d (Hybrid) Oak	Low	>20 feet	>20 feet	
					-	0 1	ing Aspen	Low	>20 feet	>20 feet	1

Gladwin Mgt. Unit Report 7 – Stands

Stand	Level 4 Co	over Type		Size De	nsity	Acres	Stand Age B	A Range	Managed S	iite	General Comments
82	6113 - Lov	vland Maple	e	Poletimb	er Well	3.6	53	1-50	N/A	Λ.	The stand is a drainage. The ash has died off. The current crown
C	anopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	closure is now below 75%. It was part of stand 225. The drainage is too wet to harvest.
F	Paper Birch	10	Sapling	5		Та	g Alder	Low	5 - 10 feet	5 - 10 feet	too wor to harvoor.
Black/l	Red (Hybrid) Oak	25	Sapling	6					1		_
	Red Maple	65	Sapling	6	53						
83	6113 - Lov	vland Maple	e	Poletimb	er Well	5.1	50	1-50	N/A	\	The ash is now gone, and the stand is now maple over swamp grass.
C	anopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
Qι	uaking Aspen	15		12	50	Decidu	ous Shrubs	High	5 - 10 feet	5 - 10 feet	
	Red Maple	85		13	50				1		
84	6113 - Lov	vland Maple	e Sa	awtimbe	Mediur	n 51.1	90	81-110	N/A	1	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
C	anopy Species	% Cover	Size Class		l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	scattered throughout. Overall, it is low and wet and there appears to
1	White Pine	5		13		Wh	ite Pine	Medium	Variable	Variable	be some sort of drainage that shows up on the 1998 imagery. With
	Red Maple	70		10	90	Mich	igan Holly	Medium	5 - 10 feet	5 - 10 feet	the ash being harvested and the mortality, the density is not high enough to prescribe. The aspen in the stand is now overmature and
Qι	uaking Aspen	10		12		Musclewo	ood/Hornbeam	Low	10 - 20 feet	10 - 20 feet	will not regenerate on the wetter soils. The crown closure goes from
F	Paper Birch	15		9		Re	d Maple	Low	>20 feet	>20 feet	20 to 100% having an average around 60%. Hold for ten more years
						Wh	nite Oak	Low	5 - 10 feet	5 - 10 feet	and reevaluate.
						Black/Red	d (Hybrid) Oak	Low	5 - 10 feet	5 - 10 feet	
85	6112 - Lov	land Aspe	n	Poletimb	er Well	33.7	53	51-80	N/A	١	The Aspens are showing symptoms of decadence, poor form, and
C	anopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	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
Black/l	Red (Hybrid) Oak	7	Pole	3		Та	g Alder	Low	5 - 10 feet	5 - 10 feet	variable with the crown closure going from 0-100% with an average
Qι	uaking Aspen	40		8		Mich	igan Holly	High	5 - 10 feet	5 - 10 feet	around 60%. There are areas of lowland shrubs.
F	Paper Birch	3	Pole	4		Re	d Maple	Medium	>20 feet	>20 feet	
	Red Maple	50		8	53						
86	6112 - Lov	land Aspe	n ;	Sapling I	Medium	9.7	27 I	mmature	N/A	\	The center of the stand is medium to poorly stock aspen over holly
C	anopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	and alder. The crown closure goes from 40-100% with an average of 70%. The terrain is hummocky.
Black/l	Red (Hybrid) Oak	5	Log	2		Mich	igan Holly	Low	5 - 10 feet	5 - 10 feet	,
	Red Maple	15	Log	3		Black/Red	d (Hybrid) Oak	Low	5 - 10 feet	5 - 10 feet	
Ric		25	Pole	4		Musclewo	ood/Hornbeam	Low	5 - 10 feet	5 - 10 feet	
DI	gtooth Aspen	20	1 010	7							
	White Pine	5	Log	3		Re	d Maple	Medium	5 - 10 feet	5 - 10 feet	
1	· .				27	Re	d Maple	Medium	5 - 10 feet	5 - 10 feet	
1	White Pine uaking Aspen	5	Log Log	3			d Maple 85	Medium 51-80	5 - 10 feet N/A		The center of the stand is medium to poorly stock aspen over holly
Qu 87	White Pine uaking Aspen	5 50 vland Maple	Log Log	3 4 oletimber		n 5.8					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.
87 C	White Pine uaking Aspen 6113 - Lov	5 50 vland Maple	Log Log	3 4 oletimbe	r Mediur	n 5.8 Sub-Ca i	85	51-80 Density	N/A	\	and alder. The crown closure goes from 40-100% with an average of
Qu 87	White Pine uaking Aspen 6113 - Lov anopy Species	5 50 vland Maple % Cover 75 5	Log Log	3 4 oletimber	Mediur	n 5.8 Sub-Ca Black/Red	85	51-80 Density	N/A Avg. Height	Size	and alder. The crown closure goes from 40-100% with an average of
87 C:	White Pine uaking Aspen 6113 - Lov anopy Species Red Maple	5 50 vland Maple **Cover** 75	Log Log	3 4 Deletimber DBH 12	Mediur	n 5.8 Sub-Car Black/Rec	85 nopy Species d (Hybrid) Oak	51-80 Density Medium	N/A Avg. Height Variable	Size Variable	and alder. The crown closure goes from 40-100% with an average of

Compartment: 46

Report 7 - Stands Gladwin Mgt. Unit

Compartment: 46 Year of Entry: 2027 Acres Stand Age BA Range Stand **Level 4 Cover Type** Size Density **Managed Site General Comments** 6113 - Lowland Maple Sawtimber Medium 48.3 89 1-50 N/A The ash is gone, and the crown closure is now closer to 50%. There 88 are a lot of snags, and the aspen is declining. The terrain is **DBH Age** Size **Canopy Species** % Cover Size Class **Sub-Canopy Species** Density Ava. Heiaht hummocky. Also, the east side of the stand has a lower density. 5 - 10 feet Red Maple 75 11 89 5 - 10 feet Michigan Holly Medium 5 14 5 - 10 feet Quaking Aspen Green Ash I ow 5 - 10 feet Black/Red (Hybrid) Oak 20 14 Alder Medium 5 - 10 feet 5 - 10 feet 5 - 10 feet Black/Red (Hybrid) Oak Medium 5 - 10 feet 89 6233 - Wet Meadow None 325.2 No The stand is mainly a marsh or wet meadow with the perimeter being lowland shrubs. There are islands of trees, but they do not make up much of the stand 629 - Mixed non-forested Wetland None 26.8 No The stand is a lowland shrub type with pockets of leather leaf. There 90 are also areas of willow that seem to be associated with lower wetter ground. There is no standing water. 4131 - Aspen, Oak Poletimber Medium 65.5 33 1-50 N/A The stand was harvested in Birch Ridge Sale 73-053-88 which was 91 completed in 1992. It is a series of ridges and swales. The swales **Canopy Species** % Cover Size Class **DBH Age Sub-Canopy Species** Density Avg. Height Size have a low density of trees with a thick under story of alder and holly. Red Maple 10 Pole 4 White Oak Low 10 - 20 feet 10 - 20 feet The trees are mainly maple, birch and trembling aspen. The ridges have higher density and is heavy to oak and bigtooth aspen. The 5 33 Bigtooth Aspen 35 Sapling Tag Alder Low 5 - 10 feet 5 - 10 feet crown closure goes from 10-100% with an average of 60%. Red Pine 3 Pole 4 10 - 20 feet 10 - 20 feet Black/Red (Hybrid) Oak Medium Quaking Aspen 10 Pole 4 Paper Birch 3 5 Log 5 4 White Pine Pole Jack Pine 2 Pole 4 4 Black/Red (Hybrid) Oak 30 Pole 4131 - Aspen, Oak Sapling Medium 80.7 6 **Immature** N/A The stand was unit 5 of Black Bear Aspen 73-014-17 was harvested in 92 October 2019. The stand was clear-cut 2" except white pine, white % Cover Size Class **DBH Age Canopy Species** cedar, and green marked trees. The regeneration is patchy and goes Red Maple 20 Log 1 6 from 0-100% with an average of 50%. The wetter portions of the stand have the lowest density. 35 6 Bigtooth Aspen Log 1 Black/Red (Hybrid) Oak 6 15 Log 1 20 Loa 1 6 Quaking Aspen White Oak 5 1 6 Log 5 8 White Pine 93 4139 - Aspen, Mixed Deciduous Sapling Well 18.4 25 N/A The stand was clear cut in 2000 in Sterling 47, sale 73-022-98. It has **Immature** regenerated to a mix of aspen, maple and oak. Overall, the aspen is % Cover Size Class **DBH Age Sub-Canopy Species** Size **Canopy Species** Density Avg. Height in the highest quantity in number of stems. However, the stand Black/Red (Hybrid) Oak 15 Log 1 Deciduous Shrubs Medium 5 - 10 feet 5 - 10 feet composition may change over time. The terrain is hummocky, and the lower wetter areas are dominated by birch. The crown closure goes 3 2 Red Pine Loa from 50-100% with an average of 75%. Bigtooth Aspen 15 2 25

Quaking Aspen

Paper Birch

Red Maple

White Pine

Log

Log

Log

Log

Pole

35

15

15

2

3

2 2

3

25

5

	Level 4 Co	over Type		Size De	,	Acies	Stand Age B	A Italige	Managed S	ne	General Comments
94	42110 - Plar	nted Red P	Pine	Sawtimb	er Well	12.5	65	81-110	N/A	1	The stand was thinned in October of 2018. It was then cut in 2000 in
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	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
	Red Pine	100		11	65	Black/Red	(Hybrid) Oak	Medium	5 - 10 feet	5 - 10 feet	drops off quickly to the east and west. Oak regeneration is starting to
						Bigtoc	oth Aspen	Low	>20 feet	>20 feet	come in and is at a low to medium stocking.
						Whi	ite Oak	Low	5 - 10 feet	5 - 10 feet	
95	6229 - Mixed	Lowland S	Shrub	Nor	ne	9.9			No		The stand is heavy to tag alder and holly. There are some trees along
						Sub-Can	opy Species	Density	Avg. Height	Size	the edges.
						Тас	g Alder	Full	5 - 10 feet	5 - 10 feet	
96	4131 - A	spen, Oak		Sapling	y Well	26.4	24 Ir	mmature	N/A	1	The stand is a mix of uplands/lowlands, and it is about 60/40. The
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	crown closure goes from 50-100% with an average of 80%. The droughty ridges are white pine and oak; the mid elevations are aspen.
Blac	k/Red (Hybrid) Oak	20	Log	3		Michi	gan Holly	Medium	5 - 10 feet	5 - 10 feet	maple, and oak; and the low ground is alder, holly, birch, and maple.
	White Pine	15		8		Red	l Maple	High	10 - 20 feet	10 - 20 feet	
	Red Maple	15	Log	2		Тад	g Alder	Medium	5 - 10 feet	5 - 10 feet	
(Quaking Aspen	45	Pole	3	24	Black/Red	(Hybrid) Oak	Low	10 - 20 feet	10 - 20 feet	
	Paper Birch	5	Log	2							
97	6112 - Lov	vland Aspe	en	Sapling	y Well	10.2	13 Ir	mmature	N/A		The stand was harvested in Secord Sterling 73-021-10, which was completed in 2012. It has very good regeneration in general. However
	Canopy Species	% Cover	Size Class	DBH	Age						the low areas are marsh grass and lowland brush with little
Blac	k/Red (Hybrid) Oak	15	Log	1							regeneration. The uplands have the ground cover of bracken fern. It is
	Bigtooth Aspen	30	Log	2							
(Quaking Aspen	40									heavy to aspen. The crown closure goes from 10 to 100%. The
			Log	2	13						
	Red Maple	15	Log Log	2	13						heavy to aspen. The crown closure goes from 10 to 100%. The
98	Red Maple 4199 - Other Mixed	15	Log			22.8	34	1-50	N/A		heavy to aspen. The crown closure goes from 10 to 100%. The average is 80%. The stand is a ridge. The north end is heavy to aspen, but most of the
	'	15 d Upland D	Log	1 Poletimb			34 opy Species	1-50 Density	N/A Avg. Height	Size	heavy to aspen. The crown closure goes from 10 to 100%. The average is 80%. 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
	4199 - Other Mixed	15 d Upland D	Log	1 Poletimb	er Well	Sub-Can					heavy to aspen. The crown closure goes from 10 to 100%. The average is 80%. 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
Black	4199 - Other Mixed	15 d Upland D % Cover	Log	1 Poletimb	er Well	Sub-Can	opy Species	Density	Avg. Height	Size	heavy to aspen. The crown closure goes from 10 to 100%. The average is 80%. 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
Black	4199 - Other Mixed Canopy Species k/Red (Hybrid) Oak	15 d Upland D % Cover	Log Deciduous Size Class	1 Poletimb DBH	er Well	Sub-Can	opy Species Maple	Density Medium	Avg. Height 10 - 20 feet	Size 10 - 20 feet	heavy to aspen. The crown closure goes from 10 to 100%. The average is 80%. 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
Black	4199 - Other Mixed Canopy Species k/Red (Hybrid) Oak Quaking Aspen	15 d Upland C % Cover 55 30 15	Log Deciduous Size Class Seedling Sapling	Poletimb DBH 8 6	er Well Age 34 34	Sub-Can	opy Species Maple	Density Medium	Avg. Height 10 - 20 feet	Size 10 - 20 feet 10 - 20 feet	heavy to aspen. The crown closure goes from 10 to 100%. The average is 80%. 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
Blaci (4199 - Other Mixed Canopy Species k/Red (Hybrid) Oak Quaking Aspen Red Maple 629 - Mixed non	15 d Upland C % Cover 55 30 15	Log Deciduous Size Class Seedling Sapling Wetland	DBH 8 6 6	er Well Age 34 34	Sub-Can Red Black/Red	opy Species Maple	Density Medium	Avg. Height 10 - 20 feet 10 - 20 feet	Size 10 - 20 feet 10 - 20 feet	heavy to aspen. The crown closure goes from 10 to 100%. The average is 80%. 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. 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. This is a stand made up of slight upland ridges mixed with tag alder
99 100	4199 - Other Mixed Canopy Species k/Red (Hybrid) Oak Quaking Aspen Red Maple 629 - Mixed non	15 d Upland E % Cover 55 30 15 -forested V	Log Deciduous Size Class Seedling Sapling Wetland	Poletimb DBH 8 6 6 Nor	er Well Age 34 34	Sub-Can Red Black/Red 2.6	opy Species I Maple (Hybrid) Oak	Density Medium Medium	Avg. Height 10 - 20 feet 10 - 20 feet No	Size 10 - 20 feet 10 - 20 feet	heavy to aspen. The crown closure goes from 10 to 100%. The average is 80%. 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. 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.
99 100	4199 - Other Mixed Canopy Species k/Red (Hybrid) Oak Quaking Aspen Red Maple 629 - Mixed non	15 d Upland E % Cover 55 30 15 -forested V	Log Deciduous Size Class Seedling Sapling Vetland	Poletimb DBH 8 6 6 Nor	er Well Age 34 34 34	Sub-Can Rec Black/Red 2.6 6.4 Sub-Can	opy Species I Maple (Hybrid) Oak	Density Medium Medium 1-50	Avg. Height 10 - 20 feet 10 - 20 feet No	Size 10 - 20 feet 10 - 20 feet	heavy to aspen. The crown closure goes from 10 to 100%. The average is 80%. 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. 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. This is a stand made up of slight upland ridges mixed with tag alder

Red Maple

35

Compartment: 46

Compartment: 46 Year of Entry: 2027

Stand	Level 4 Co		Size De	nsity	Acres	Stand Age B	A Range	Managed S	ite	General Comments	
101	6112 - Low	land Aspe	n Po	oletimber	Medium	n 31.7	52	81-110	N/A	\	The terrain is hummocky. Some areas are too wet to harvest. Some
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	parts of the stand have very good red maple regeneration. The ash the stand is gone. The crown closure goes from 0-100% with an
	Quaking Aspen	40		10	52	Black/Red	d (Hybrid) Oak	Low	10 - 20 feet	10 - 20 feet	average of 65%. Because of the ash mortality the stand is moving
Blad	ck/Red (Hybrid) Oak	8		7		Gre	en Ash	Medium	5 - 10 feet	5 - 10 feet	from a swamp hardwood to lowland aspen. It may be harvested if
	Red Maple	50		9	52	Та	g Alder	Medium	5 - 10 feet	5 - 10 feet	done during Dry frozen conditions. if the stand is harvested the acrewill be greatly reduced.
	Paper Birch	2	Sapling	6		Re	d Maple	High	>20 feet	>20 feet	I I I I I I I I I I I I I I I I I I I
102	3102 -	Grass		Non	е	15.3			No		The stand is part of a maintained powerline easement. The ground cover goes from grass to lowland shrubs.
103	330 - Low-D	ensity Tre	es	Non	е	2.1			No		The stand is a traditional hunter campsite. It is mainly upland shrub
						Sub-Car	nopy Species	Density	Avg. Height	Size	with oak. There are a couple of old borrow areas.
						Black/Red	d (Hybrid) Oak	Trace	>20 feet	>20 feet	
						Ja	ck Pine	Trace	>20 feet	>20 feet	
						Арр	le (spp.)	Trace	>20 feet	>20 feet	
104	6112 - Low	land Aspe	n S	Sapling M	ledium	4.0	13 I	mmature	N/A	\	The stand was harvested in Secord Sterling 73-021-10, which was
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	completed in 2012. Currently the stand is maple and aspen over ald and holly. The crown closure is closer to 25%.
	Paper Birch	30	Log	1			Alder	Medium	5 - 10 feet	5 - 10 feet	and hony. The drawn dissails is dissert to 20%.
	Quaking Aspen	60	Log	1	13	Michi	gan Holly	High	5 - 10 feet	5 - 10 feet	
	Red Maple	10	Log	1						,	-
105	4131 - As	spen, Oak		Sapling	Well	26.4	24	mmature	N/A	\	The stand was clear-cut in 2000, in Sterling 47, sale 73-22-98. The
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	stand has a ridge of good oak regeneration that slopes down to aspen. There are some areas that are quite wet having sensitive fe
	Quaking Aspen	25	Pole	4	24	Decidu	ous Shrubs	High	5 - 10 feet	5 - 10 feet	in the ground cover.
	Paper Birch	5	Log	3							
	Bigtooth Aspen	35	Pole	4	24						
	Red Maple	15	Pole	3							
Blad	ck/Red (Hybrid) Oak	20	Pole	3							
106	6112 - Low	land Aspe	n I	Poletimbe	er Well	9.3	41	141-170	N/A	٨.	The stand has a lot of down wood that is mainly ash. However, ther $_{\mbox{\scriptsize I}}$ is also a significant amount of aspen on the ground. The crown
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	closure is now around 80%. The terrain is hummocky.
	Quaking Aspen	100		8	41	Gre	een Ash	Low	5 - 10 feet	5 - 10 feet	,
107	6229 - Mixed	Lowland SI	hrub	Non	е	4.1			No		The stand is a low wet depression. The ash that was in the stand is
						Sub-Car	nopy Species	Density	Avg. Height	Size	now gone. There is some standing water.
							g Alder	Full	5 - 10 feet	5 - 10 feet	
108	6239 - Mixed Er	nergent W	etland	Non	е	11.8			No		The stand has an area of standing water which is covered with wate lily. This area is surrounded by marsh grass than lowland shrubs.
109	629 - Mixed non-	forested W	/etland	Non	е	31.0			No		The stand is mainly alder and holly. There are some pockets of mai grass, especially east of the drain.

										real of Entry. 2021
d Level 4 Co	ver Type	\$	Size De	nsity	Acres	Stand Age B	A Range	Managed S	Site	General Comments
500 -	Water		Noi	ne	7.1			No	ı	The stand looks like a beaver flooding. No signs of new activity so it may be abandoned but the dam is still in place.
4199 - Other Mixed	d Upland D	eciduous Pol	letimbe	r Mediu	m 8.5	45	81-110	N/A	٨	The ash is gone, and the crown closure is variable going from 10-
Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	100%. The average is around 75%. Most of the canopy is maple, but there are some pockets of aspen. The terrain is hummocky.
Quaking Aspen	20	Sapling	7		Re	d Maple	Medium	Variable	Variable	and a did dome postets of dopon. The terrain is numinosity.
Tamarack	10	Sapling	6		Та	g Alder	Medium	5 - 10 feet	5 - 10 feet	
Red Maple	35		10	45	Black/Red	d (Hybrid) Oak	Medium	Variable	Variable	
Paper Birch	20	Pole	4				•			-
ck/Red (Hybrid) Oak	15		7							
4199 - Other Mixed	d Upland D	eciduous Pol	letimbe	r Mediu	m 9.7	49	51-80	N/A	Λ	The stand is a mix of trembling aspen and hybrid oak. There is also
Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	some with oak and maple. The stand is also a mix of uplands/lowlands at about a 40/60 split.
ck/Red (Hybrid) Oak	40		9	49	Michi	igan Holly	High	5 - 10 feet	5 - 10 feet	apianas/iomanas ar apoar a 15/00 opin.
White Oak	5		10		Re	d Maple	High	>20 feet	>20 feet	
Red Maple	30		10		Black/Red	d (Hybrid) Oak	Full	>20 feet	>20 feet	
Quaking Aspen	25		12	49	Wh	nite Oak	Full	>20 feet	>20 feet	
6113 - Lov	vland Maple	e P	oletimb	er Poo	r 27.5	111	51-80	N/A	۸	Overall, the stand is wet and gets wetter from north to south. It has a
Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	slight ridge that is fully stocked. However, most of the stand is too wet. All the ash is gone and on the ground. The crown closure goes
Red Maple	80		13	111	Mich	igan Holly	High	5 - 10 feet	5 - 10 feet	from 10-100% and averages less than 50%.
White Pine	5	Pole	4		Wh	ite Pine	Medium	10 - 20 feet	10 - 20 feet	
ck/Red (Hybrid) Oak	15		10		Black/Red	d (Hybrid) Oak	Full	5 - 10 feet	5 - 10 feet	
					Re	d Maple	Medium	10 - 20 feet	10 - 20 feet	
6229 - Mixed	Lowland Sl	hrub	Noi	ne	5.2			No	ı	The stand goes from marsh to lowland shrubs to scattered trees over shrubs. The crown closure is less than 15%.
6113 - Lov	vland Maple	e P	oletimb	er Poo	r 13.8	60	51-80	N/A	۸	All the ash is gone and on the ground. The crown closure goes from 5
Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	100% and averages 30%. The trees are mainly at the north end, and i grades to low density trees over alder and holly going south.
White Pine	40		8		Та	g Alder	High	5 - 10 feet	5 - 10 feet	grands to ten denotify areas even and have nearly gening countries.
	00		4.4		Do	1.54		5 00 f t	. 00 5 1	
Red Maple	60		11	60	Re	d Maple	Low	>20 feet	>20 feet	
Red Maple	60		11	60		ite Pine	Low	>20 feet >20 feet	>20 feet >20 feet	
,	wland Pine		Unspe			•				This is mainly seedling and sapling swamp conifers over leather leaf.
,					4.3	ite Pine	Low			This is mainly seedling and sapling swamp conifers over leather leaf.
,					4.3 Sub-Car	ite Pine	Low 1-50	>20 feet	>20 feet	This is mainly seedling and sapling swamp conifers over leather leaf.
,					4.3 Sub-Car	64 nopy Species	1-50 Density	>20 feet Avg. Height	>20 feet	This is mainly seedling and sapling swamp conifers over leather leaf.
,					4.3 Sub-Cai Rea	64 nopy Species d Maple	1-50 Density Low	>20 feet Avg. Height 5 - 10 feet	>20 feet Size 5 - 10 feet	This is mainly seedling and sapling swamp conifers over leather leaf.
,					4.3 Sub-Car Re Black/Rec	64 nopy Species d Maple d (Hybrid) Oak	1-50 Density Low Full	>20 feet Avg. Height 5 - 10 feet 5 - 10 feet	>20 feet Size 5 - 10 feet 5 - 10 feet	This is mainly seedling and sapling swamp conifers over leather leaf.
	4199 - Other Mixed Canopy Species Quaking Aspen Tamarack Red Maple Paper Birch ck/Red (Hybrid) Oak 4199 - Other Mixed Canopy Species ck/Red (Hybrid) Oak White Oak Red Maple Quaking Aspen 6113 - Low Canopy Species Red Maple White Pine ck/Red (Hybrid) Oak 6229 - Mixed 6113 - Low Canopy Species White Pine	4199 - Other Mixed Upland D Canopy Species	500 - Water 4199 - Other Mixed Upland Deciduous Po Canopy Species % Cover Size Class Quaking Aspen 20 Sapling Tamarack 10 Sapling Red Maple 35 Paper Birch 20 Pole ck/Red (Hybrid) Oak 15 4199 - Other Mixed Upland Deciduous Po Canopy Species % Cover Size Class ck/Red (Hybrid) Oak 40 White Oak 5 Red Maple 30 Quaking Aspen 25 6113 - Lowland Maple P Canopy Species % Cover Size Class Red Maple 80 White Pine 5 Pole ck/Red (Hybrid) Oak 15 6229 - Mixed Lowland Shrub 6113 - Lowland Maple P Canopy Species % Cover Size Class White Pine 5 Pole Canopy Species % Cover Size Class Red Maple 80 White Pine 5 Pole Ck/Red (Hybrid) Oak 15	4199 - Other Mixed Upland Deciduous Poletimber Canopy Species % Cover Size Class DBH Quaking Aspen 20 Sapling 7 Tamarack 10 Sapling 6 Red Maple 35 10 Paper Birch 20 Pole 4 ck/Red (Hybrid) Oak 15 7 4199 - Other Mixed Upland Deciduous Poletimber Canopy Species % Cover Size Class DBH ck/Red (Hybrid) Oak 40 9 White Oak 5 10 Red Maple 30 10 Quaking Aspen 25 12 6113 - Lowland Maple Poletimb Canopy Species % Cover Size Class DBH Red Maple 30 10 Quaking Aspen 25 12 6113 - Lowland Maple Poletimb Canopy Species % Cover Size Class DBH Ck/Red (Hybrid) Oak 15 10 6229 - Mixed Lowland Shrub Nor 6113 - Lowland Maple Poletimb Canopy Species % Cover Size Class DBH Ck/Red (Hybrid) Oak 15 10	A199 - Other Mixed Upland Deciduous Poletimber Mediu Canopy Species % Cover Size Class DBH Age Quaking Aspen 20 Sapling 7 Tamarack 10 Sapling 6 Red Maple 35 10 45 Paper Birch 20 Pole 4 ck/Red (Hybrid) Oak 15 7 4199 - Other Mixed Upland Deciduous Poletimber Mediu Canopy Species % Cover Size Class DBH Age ck/Red (Hybrid) Oak 40 9 49 White Oak 5 10 Red Maple 30 10 Quaking Aspen 25 12 49 6113 - Lowland Maple Poletimber Poor Canopy Species % Cover Size Class DBH Age Red Maple 80 13 111 White Pine 5 Pole 4 6229 - Mixed Lowland Shrub None 6113 - Lowland Maple Poletimber Poor Canopy Species % Cover Size Class DBH Age Red Maple 80 13 111 White Pine 5 Pole 4 6229 - Mixed Lowland Shrub None	Solution	A	Southern None Tanasa South S	Sub-Canopy Species	Sub-Canopy Species

Compartment: 46 Year of Entry: 2027

Stand	Level 4 Co	over Type		Size De	nsity	Acres	Stand Age B	A Range	Managed S	Site	General Comments
117	3102	- Grass		Nor	ie	5.7			No)	The stand is part of a maintained powerline easement. The ground cover goes from grass to lowland shrubs.
118	6113 - Lov	wland Maple	e :	Sawtimbe	er Poor	30.3	70	51-80	N/A	4	A Chapter 7 was filed, and additional ash removed as a supplement to
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	the Hard Luck Sale 73-013-08. The treatment was completed in the fall of 2012. Some areas are very wet and thick with marsh grass.
	Red Maple	100		14	70	Swamp	White Oak	Low	5 - 10 feet	5 - 10 feet	Regeneration is low in the northern ½, but as the stand gets dryer
		,				/	Alder	Medium	5 - 10 feet	5 - 10 feet	heading south the regeneration improves. Some of the areas are fully
						Michi	gan Holly	Low	5 - 10 feet	5 - 10 feet	stocked with maple and oak.
						Black/Red	d (Hybrid) Oak	Low	5 - 10 feet	5 - 10 feet	
						Red	d Maple	Medium	10 - 20 feet	10 - 20 feet	
119	4125 - Blac	k, N. Pin Oa	ak I	Poletimb	er Well	19.5	44	81-110	N/A	Ą	The stand is mostly oak regeneration on an upland ridge. The white
	Canopy Species	% Cover	Size Class	DBH	Age						pine in the stand is in 2 main pockets and together they do not make up 5 acres. Some of the oak is transitioning into poles. They were
Blac	k/Red (Hybrid) Oak	60		7	44						probably the retained trees. The shrub layer is heavy to witch hazel
	Tamarack	2	Sapling	6							and service berry.
	White Pine	20		9							
	Quaking Aspen	15	Seedling	8	44						
	Jack Pine	3	Seedling	6							
120	6127 - Lo	wland Pine	ı	Poletimbe	er Poor	35.1	64	1-50	N/A	4	The stand is a very wet boggy area of leather leaf and blueberry. The
	Canopy Species	% Cover	Size Class	DBH	Age						stand was harvested in Cook's Camp Pine sale 73-004-17. It was cut in Sept 2020. The stand has a crown closure around 25% of the
	Jack Pine	10	Sapling	5							retained red pine. The regeneration of oak, jack pine, red pine and
	Red Pine	90		9	64						tamarack is mixed in with the sheep laurel, leather leaf, and huckleberry. It is hard to tell how much is out in the stand.
121	6229 - Mixed	Lowland Sh	nrub	Nor	ie	5.5			No)	The stand is the south end of a drainage. The ash is gone, and it is
					Г	Sub-Car	nopy Species	Density	Avg. Height	Size	now lowland shrubs with scattered trees.
							g Alder	High	5 - 10 feet	5 - 10 feet	
							tail spp.	Low	Not Applicable	Not Applicable	
122	6229 - Mixed	Lowland Sh	nrub	Nor	ie	25.6			No)	The stand is a mix of leather leaf and low shrubs. There are trees but the crown closure is less than 15%. The main tree species is tamarack and white pine. However, much of the stand is tag alder over leather leaf.
123	4131 - A	spen, Oak	I	Poletimb	er Well	14.5	49	81-110	N/A	Ą	The terrain is undulating next to stand 119 and hummocky near 136.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	The land is mostly dry and could be treated.
	Red Maple	10	Sapling	5		Servicebe	rry (Juneberry)	Medium	5 - 10 feet	5 - 10 feet	
Blac	k/Red (Hybrid) Oak	28	Sapling	7		Red	d Maple	Medium	10 - 20 feet	10 - 20 feet	
	Bigtooth Aspen	50	Seedling	8	49						
	Quaking Aspen	10	Seedling	6							
	Paper Birch	2	Seedling	6							

Gladwin Mgt. Unit

Stand	Level 4 C	over Type	;	Size De	nsity	Acres Star	nd Age BA	Range	Managed S	ite	General Comments
124	6113 - Lo	wland Maple	e S	awtimb	er Poo	or 10.6	89	51-80	N/A	Λ.	The ground is spongy and wet all year round. The trees on the plain
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Canopy	Species	Density	Avg. Height	Size	are large and very shallow rooted. There are many wind-throws in the stand. There is a "creek" flowing through the stand from 110.
	Red Maple	100		16	89	Alder	r	Medium	5 - 10 feet	5 - 10 feet	stand. There is a creek nowing through the stand from Tro.
125	629 - Mixed non	-forested W	Vetland	No	ne	18.5			No		The stand is lowland shrubs with areas of grass and marsh.
127	629 - Mixed non	-forested W	Vetland	No	ne	14.0			No		The stand appears to be an old beaver flooding that has since dried
						Sub-Canopy	Species	Density	Avg. Height	Size	down. It is now mainly herbaceous plants with lowland shrubs along the perimeter and scattered in the stand.
						Red Ma		Low	>20 feet	>20 feet	the perimeter and scattered in the stand.
128	6114 - Lo	wland Oak	Po	letimbe	r Medi	um 16.9	50	51-80	N/A	١	The stand is a mixture of uplands and lowlands. The crown closure is
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Canopy	Species	Density	Avg. Height	Size	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
	White Pine	5	Sapling	6		Leatherl	leaf	Low	< 5 feet	< 5 feet	The treatment was completed in the summer of 2012, in Hard Luck
Blac	ck/Red (Hybrid) Oak	65	Sapling	5	50	Alder	r	Low	5 - 10 feet	5 - 10 feet	Sale 73-013-08
	Quaking Aspen	30	Log	2	13	Blueberry/Bilberr	ry/Cranberry	Medium	< 5 feet	< 5 feet	
129	6119 - Mixed Lowla	and Deciduo	ous Forest Po	letimbe	r Medi	um 14.0	50	51-80	N/A	١	The stand has an old roadbed going through it. The aspen
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Canopy	Species	Density	Avg. Height	Size	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
	Red Maple	25		6		Tag Ald	der	Low	5 - 10 feet	5 - 10 feet	Luck Sale 73-013-08).
	Quaking Aspen	20	Seedling	5		White P	Pine	Low	5 - 10 feet	5 - 10 feet	
Blac	ck/Red (Hybrid) Oak	45	Sapling	5	50	Black/Red (Hy	/brid) Oak	Medium	5 - 10 feet	5 - 10 feet	
	White Pine	5		8						1	
	Paper Birch	5	Pole	4							
130	6229 - Mixed	Lowland Sl	hrub	No	ne	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 mars grass.
131	6113 - Lov	wland Maple	e Po	letimbe	r Medi	um 15.5	69 8	31-110	N/A	1	This stand is a long-wet swale. There is a creek flowing through the
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Canopy	Species	Density	Avg. Height	Size	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.
	Quaking Aspen	25		16		White P	Pine	Full	5 - 10 feet	5 - 10 feet	Much of the larger overstory trees have now died off and it is now
	Red Maple	75		9	69	Black/Red (Hy	/brid) Oak	Low	5 - 10 feet	5 - 10 feet	mainly a pole maple.
132	6239 - Mixed E	mergent W	etland	No	ne	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	5 - Bog		No	ne	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.

Compartment: 46

General Comments asses River flood plain. The edges of the plain p banks. On the inclines the stand is heavy to ak. The flood plain is heavy to tag alder and as of marsh grass. There are some scattered
p banks. On the inclines the stand is heavy to k. The flood plain is heavy to tag alder and
of regeneration of aspen, black oak, and also pockets of tag alder in the stand. The
I poles have a high mortality.
lowlands and slightly dryer ground. The
and cover or sensitive fern and leather leaf. The seep laurel.
sted in Wildwood Aspen 73-013-03, which was
The regeneration in the stand is patchy. The stand ted to a medium to well stocked swamp
ain is hummocky.
ating to a light A3. The quaking aspen has poor
k knots and has a smaller diameter than the big transitioning into poles. It has some very dry
und cover of sweet fern and reindeer moss. It
f tag alder. Beaver have been thinning the stand
e. It was harvested in Birch Ridge Sale 73-053-88 d in 1992.
nolasses river flood plain. The ground is spongy d. The trees on the plain are large and very cattered. The cover type is heavy to tag alder
sted in Wildwood Aspen, 73-013-03. It was
The east end is non-forested with phragmites. The
s dryer with a higher percentage of aspen. The d has significant ash regeneration.
3
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	Gi	adwin wigi	t. Unit				πορι	0117 01	unuo		Year of Entry: 2027
Stand	Level 4 Co	over Type		Size De	nsity	Acres	Stand Age B	A Range	Managed S	Site	General Comments
142	6113 - Low	vland Maple	e P	oletimbe	Medium	n 3.9	65	51-80	N/A	A	The ash in the stand is dead and the crown closure is now closer to
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	50%. The stand has a man-made drain cutting through it. It is too wet to treat, so Factor limit.
	Paper Birch	30		8		Black/Re	d (Hybrid) Oak	Low	10 - 20 feet	10 - 20 feet	to dout, so i dotoi iiiiii.
	Red Maple	70		8	65	Re	d Maple	Low	10 - 20 feet	10 - 20 feet	
						Autı	ımn Olive	Low	5 - 10 feet	5 - 10 feet	
143	42260 - Natural Pin	ne, Mixed D	eciduous	Sawtimb	er Well	34.9	96	111-140	N/A	4	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
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	white pine. The stand has pockets of hardwoods, but the canopy is
	White Pine	50		11	96	Black/Re	d (Hybrid) Oak	Full	10 - 20 feet	10 - 20 feet	mainly white pine. The crown closure is close to 100% but there are
	Red Maple	10		8		Re	d Maple	Medium	>20 feet	>20 feet	pockets that are less.
	Red Pine	20		12		Wh	nite Pine	High	10 - 20 feet	10 - 20 feet	
	Bigtooth Aspen	18	Seedling	8							
	White Oak	2		12							
144	6229 - Mixed	Lowland Sh	hrub	Nor	ne	4.0			No)	The stand is mainly tag alder and holly
145	629 - Mixed non-	-forested W	/etland	Nor	ne _	11.0			No)	The stand is a mixture of marsh grass, tag alder, and willow shrub with some scattered trees. Many of the trees are now declining.
						Sub-Ca	nopy Species	Density	Avg. Height	Size	with some scattered trees. Many of the trees are now deciming.
						Wil	llow spp.	Low	5 - 10 feet	5 - 10 feet	
						Ca	ttail spp.	High	Not Applicable	Not Applicabl	€
						Ta	ag Alder	Medium	5 - 10 feet	5 - 10 feet	
147	629 - Mixed non-	-forested W	/etland	Nor	ne	7.3			No)	The stand is mainly lowland shrubs with scattered trees along the
						Sub-Ca	nopy Species	Density	Avg. Height	Size	perimeter, especially along the western edge.
						Ca	ttail spp.	Low	Not Applicable	Not Applicabl	€
						Ta	ag Alder	Full	5 - 10 feet	5 - 10 feet	
						Wil	llow spp.	Medium	5 - 10 feet	5 - 10 feet	
148	6117 - Lowland I Conit	Deciduous, ferous	Mixed P	oletimbei	Medium	n 121.3	41	81-110	N/A	4	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
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	mostly aspen and oak with medium stocking of other species on the wetter areas. The wettest areas are mainly tag alder and holly. The
Blac	ck/Red (Hybrid) Oak	18		7		Ta	ag Alder	Medium	5 - 10 feet	5 - 10 feet	crown closure goes from 0 to 100%. The average is around 70%.
	Red Maple	25	Sapling	7	41	Sw	eet Fern	Low	5 - 10 feet	5 - 10 feet	
	Tamarack	22	Sapling	6							_
	Quaking Aspen	3	Sapling	7							
	Bigtooth Aspen	27	Seedling	8	41						
150	6220 - Al	der/Willow		Nor	ne	7.7			No)	This area is a depression that is surrounded by an upland ridge. The
						Sub-Ca	nopy Species	Density	Avg. Height	Size	terrain is hummocky and seasonably wet. There are dryer islands of trees.
							llow spp.	Medium	5 - 10 feet	5 - 10 feet	
						Ta	ag Alder	Full	5 - 10 feet	5 - 10 feet	
									1 200 :	. 00 5 1	†

>20 feet

Low

Tamarack

>20 feet

Stand	d Level 4 Co	over Type		Size De	ensity	Acres	Stand Age	BA Range	Managed S	Site	General Comments
151	629 - Mixed non	-forested W	/etland	Noi	ne	46.5			No)	The stand is mainly cattails and marsh grasses mixed with lowland
						Sub-Ca	nopy Species	Density	Avg. Height	Size	shrubs. There is a drainage flowing through the stand.
						Ta	ıg Alder	Medium	5 - 10 feet	5 - 10 feet	
						Cat	ttail spp.	Full	Not Applicable	Not Applicable	e e
152	4191 - Mixed Upla Co	and Decidud onifer	ous with	Sapling	Poor	12.3	18	Immature	N/A	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
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	are around 2" DBH. The stand was harvested in Wildwood Aspen 73- 013-03, which was completed 2007. The stand was machine seeded
	Green Ash	10	Log	2	18		Alder	Medium	5 - 10 feet	5 - 10 feet	with jack pine on 03/25/2014. The regeneration was checked in 2017
	Jack Pine	8	Log	1		Mich	igan Holly	Low	5 - 10 feet	5 - 10 feet	The seeded jack pine failed but the stand has 878 stems per acre.
	Tamarack	10	Log	1	18			'			-
	Quaking Aspen	25	Log	2	18						
Bla	ck/Red (Hybrid) Oak	40	Log	2	18						
	Paper Birch	2	Log	2							
153	4122 - 0	Oak, Pine		Sapling I	Medium	22.3	35	1-50	N/A	Ą	The stand is a ridge that wanders between low ground. The crown
	Canopy Species	% Cover	Size Class	DBH	I Age						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
	Bigtooth Aspen	10	Sapling	6	35						rest of the stand. Oak, on the other hand, is present throughout the
	White Pine	25		5							stand. The red pine is mainly in one pocket.
Bla	ck/Red (Hybrid) Oak	60	Pole	4	35						
	Red Pine	5		8							
154	4211 - Plan	ited Red Pir	ne	Unspe	ecifed	11.4	1	Immature			Stand planted in May of 2025. 736 TPA of red pine. Planting comments mention "SW Corner water not trenched". 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 - Lov	wland Aspe	n	Sapling	Poor	18.7	18	Immature	N/A	4	The stand has patchy regeneration coming in. The ground cover is
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	mainly marsh grass. The oak, in much of the stand, is not establishe The stand is dryer in the western half. It does have pockets of wette
	Quaking Aspen	45	Log	2	18	Mich	igan Holly	High	5 - 10 feet	5 - 10 feet	ground having phragmites. It was harvested in Wildwood Aspen 73-
Bla	ck/Red (Hybrid) Oak	40	Log	2				1	1		013-03, which was completed in 2007.
	Tamarack	15	Log	1							
157	6220 - A	lder/Willow		Noi	ne	9.4			No)	This stand is mainly maple and tamarack over tag alder. The crown
						Sub-Ca	nopy Species	Density	Avg. Height	Size	closure is less than 20%.
							ng Alder	Full	5 - 10 feet	5 - 10 feet	
											1

Low

Tamarack

10 - 20 feet

10 - 20 feet

Compartment: 46

White Oak

Quaking Aspen

	Gi	auwiii wig	it. Offit								Year of Entry: 2027
Stand	Level 4 Co	over Type		Size De	nsity	Acres	Stand Age B	A Range	Managed S	ite	General Comments
159	622 - Low	land Shrub	o	Non	е	54.1			No		The stand has undulating terrain. It is mostly wetlands with higher
						Sub-Can	opy Species	Density	Avg. Height	Size	sandy knolls and ridges. Most of the stand is alder. There are knobs of low-density trees.
						Jac	k Pine	Trace	10 - 20 feet	10 - 20 feet	John Gorlein, Wood
						Tan	narack	Low	>20 feet	>20 feet	
						Red	l Maple	Trace	>20 feet	>20 feet	
						Black/Red	(Hybrid) Oak	Low	>20 feet	>20 feet	
						Quakir	ng Aspen	Low	>20 feet	>20 feet	
160	6229 - Mixed	Lowland S	hrub	Non	е	3.8			No		The stand is mainly alder and holly with scattered birch and maple.
161	622 - Low	land Shrub)	Non	е	28.4			No		The stand is mainly alder. There is a significant amount of tamarack, jack pine, maple and birch but the crown closure is less than 15%. There are some areas that are closer to 80%.
162	6127 - Lo	wland Pine	P P	oletimber	Mediu	m 27.7	40	51-80	N/A		The stand is mostly wet with lowland brush and leatherleaf. There are
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	some areas where the ground cover is a mix of bracken fern and leatherleaf.
	Red Pine	10		8		Leat	therleaf	Medium	5 - 10 feet	5 - 10 feet	iodinonical.
	Quaking Aspen	12		8				'	1		_
	Tamarack	20	Sapling	5							
	Jack Pine	45	Sapling	7	40						
	Red Maple	5	Sapling	5							
Blad	ck/Red (Hybrid) Oak	8		6							
163	4125 - Black	k, N. Pin O	ak	Poletimbe	er Poor	19.9	70	1-50	N/A	1	The stand was harvested in Secord 50 Mix, 73-002-12, it was
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	completed in 2013. The harvest was a 4-inch cut. The aspen and oak are regenerating. Much of the oak regeneration is not established.
Blad	ck/Red (Hybrid) Oak	80	Sapling	5	70	Jac	k Pine	Low	< 5 feet	< 5 feet	are regenerating. Mach of the car regeneration to not established.
	Bigtooth Aspen	20	Log	2	8	Black/Red	(Hybrid) Oak	Low	< 5 feet	< 5 feet	
164	6225	- Bog		Non	е	3.0			No		The stand is a low depression with much of the stand being leather leaf. The edges are thick to holly.
165	6229 - Mixed	Lowland S	hrub	Non	е	14.2			No		The stand is very hummocky. It is mostly wet with some scattered
						Sub-Can	opy Species	Density	Avg. Height	Size	higher areas. There is a man-made drain bisecting the stand.
						Black/Red	(Hybrid) Oak	Low	>20 feet	>20 feet	
						Pape	er Birch	Trace	>20 feet	>20 feet	
					ŀ						1

Trace

Low

5 - 10 feet

>20 feet

5 - 10 feet

>20 feet

Stand	Level 4 Co	over Type		Size De	nsity	Acres	Stand Age I	BA Range	Managed S	ite	General Comments
166	6112 - Lov	vland Aspe	n	Sapling M	/ledium	34.1	18	Immature	N/A	\	Although regeneration is patchy in places, the overall stand appears to
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	be coming back well. The stand was harvested in Wildwood Aspen, 73-013-03, which was completed in 2007. There are areas that are
(Quaking Aspen	35	Log	3	18	Re	d Maple	Medium	10 - 20 feet	10 - 20 feet	sparsely treed. The crown closure goes from 10-100% and averages
	Bigtooth Aspen	20	Log	3		Та	g Alder	Medium	5 - 10 feet	5 - 10 feet	65%.
	Cottonwood	15	Log	3							•
	Tamarack	10	Pole	3							
Blac	k/Red (Hybrid) Oak	5	Log	1							
	Red Maple	15	Log	2							
167	6114 - Lo	wland Oak		Sapling	Poor	13.4	13	Immature	N/A	٨	The stand treatment was completed in the summer of 2012 from Hard
	Canopy Species	% Cover	Size Class	DBH	Age						Luck Sale 73-013-08. The aspen has started to fill in. The northeast corner is more of a lowland shrub type with scattered aspen, maple,
Blac	k/Red (Hybrid) Oak	50	Pole	3	13						oak, and birch. The west side is a ridge.
	Red Maple	10	Log	2							
	White Oak	10	Pole	3							
(Quaking Aspen	30	Log	3	13						
168	4319 - Mixed	Upland Fo	rest	Sapling N	/ledium	9.3	9	Immature	N/A	Λ.	The stand was harvested in 2013 and is scheduled for trench and
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	ninter- plant to red pine. FTP C73-912 initiated via email to Throop dated 9/11/2013. Stand was inter-planted to red pine in the Spring of
	White Oak	10	Log	1		Та	g Alder	Medium	5 - 10 feet	5 - 10 feet	2015. [Comment 2016, the regeneration was check in spring of 2016
	Paper Birch	10	Log	1							currently there is 875 stems/ ac of red pine and 550 stems/ac of oak.
	Bigtooth Aspen	20	Log	1							the oak is < 4' tall so it is not established.] Ridge in west half planted. East lobe seeding in with tamarack, maple, and oak.
	Red Pine	40	Log	2	9						planted. East loss seeding in with tamaraok, maple, and oak.
Blac	k/Red (Hybrid) Oak	10	Log	2							
	Tamarack	10	Log	1							
169	6139 - Mixed	Lowland Fo	orest	Poletimbe	er Well	14.1	76	51-80	N/A	\	The aspen is decadent. The stand is low and wet for the most part.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	There are some ridges and pockets of alder. The terrain is hummock
	Tamarack	44		8	76	Re	d Maple	High	10 - 20 feet	10 - 20 feet	
Blac	k/Red (Hybrid) Oak	4	Sapling	6		Ва	lsam Fir	Trace	< 5 feet	< 5 feet	
	Quaking Aspen	4		9		Decidu	ous Shrubs	High	5 - 10 feet	5 - 10 feet	
	White Oak	10		8		Та	marack	Medium	10 - 20 feet	10 - 20 feet	
	Paper Birch	3	Seedling	5		Black/Red	d (Hybrid) Oak	(Low	10 - 20 feet	10 - 20 feet	
	Red Maple	35		7							-
170	6220 - Al	der/Willow		Non	ie	8.1			No		The stand is a mix of uplands and lowlands. The lowlands are heavy to leather leaf, and the uplands are low density trees.
171	6113 - Lov	vland Mapl	e S	Sawtimber	Mediu	m 7.3	69	51-80	N/A	\	The stand was harvested in August of 2020, in Two Jake Aspen sale
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	is now around 60%, but ranges from 10-90%. The central portion of
Blac	k/Red (Hybrid) Oak	20		10		Wh	ite Pine	Low	5 - 10 feet	5 - 10 feet	the stand is a drainage.
	Red Maple	70		13	69	Quak	ing Aspen	Medium	5 - 10 feet	5 - 10 feet	
	Horsechestnut	10		8							

% Cover 50 15 20 15 spen, Oak	Size Class Size Class Size Class Log Log Log Log Log Log Log Log	DBH	Age 95 Medium Age	Sub-Canopy Deciduous S Black/Red (Hy Red Ma	Species Shrubs brid) Oak ple 18 Ir	A Range 81-110 Density Medium Low Medium Medium Density	Managed S N/A Avg. Height 5 - 10 feet Variable Variable N/A	Size 5 - 10 feet Variable Variable	General Comments The stand is at the base of a ridge. The ash is gone. Factor limited as Too Wet. 2G The stand was harvested in Wildwood Aspen 73-013-03, which was completed in 2007. The regeneration is variable. There are some
% Cover 50 15 20 15 spen, Oak % Cover 20 5 8 60 5	Size Class Seedling Size Class Log Log Log Log Log Log Log	DBH	Age 95 Medium Age	Sub-Canopy Deciduous S Black/Red (Hy Red Ma 14.5 Sub-Canopy Black/Red (Hy	Species Shrubs brid) Oak ple 18 Ir	Density Medium Low Medium Medium	Avg. Height 5 - 10 feet Variable Variable N/A	Size 5 - 10 feet Variable Variable	Too Wet. 2G The stand was harvested in Wildwood Aspen 73-013-03, which was
50 15 20 15 spen, Oak % Cover 20 5 8 60 5	Size Class Log Log Log Log Log Log Log	10 13 14 8 Sapling M DBH 2 2 2 2 2	95 Medium Age	Deciduous S Black/Red (Hy Red Ma) 14.5 Sub-Canopy Black/Red (Hy	Shrubs brid) Oak ple 18 Ir Species	Medium Low Medium	5 - 10 feet Variable Variable N/A	5 - 10 feet Variable Variable	The stand was harvested in Wildwood Aspen 73-013-03, which was
15 20 15 spen, Oak % Cover 20 5 8 60 5	Size Class Log Log Log Log Log Log	13 14 8 Sapling M DBH 2 2 2 2 3	1edium Age	Black/Red (Hy Red Ma) 14.5 Sub-Canopy Black/Red (Hy	brid) Oak ple 18 Ir Species	Low Medium mmature	Variable Variable N/A	Variable Variable	
20 15 spen, Oak % Cover 20 5 8 60 5	Size Class Log Log Log Log Log Log	14 8 Sapling M 2 2 2 2 3	Age	14.5 Sub-Canopy Black/Red (Hy	ple 18 Ir Species	Medium	Variable N/A	Variable	
15 spen, Oak % Cover 20 5 8 60 5	Size Class Log Log Log Log Log Log	Sapling M DBH 2 2 2 2 3	Age	14.5 Sub-Canopy Black/Red (Hy	18 Ir Species	nmature	N/A		
spen, Oak **Cover* 20 5 8 60 5	Size Class Log Log Log Log Log Log	Sapling M DBH 2 2 2 3	Age	Sub-Canopy Black/Red (Hy	Species				
% Cover 20 5 8 60 5	Log Log Log Log Log Log Log Log	2 2 2 3	Age	Sub-Canopy Black/Red (Hy	Species				
20 5 8 60 5	Log Log Log Log Log	2 2 2 3		Black/Red (Hy		Density	Ava Haimbt		completed in 2007. The regeneration is variable. There are some
5 8 60 5	Log Log Log	2 2 3			brid) Oak		Avg. Height	Size	areas that are well stocked and areas that are poorly stocked. There
8 60 5	Log Log Log	2 3	- 10	Alder	,	Low	5 - 10 feet	5 - 10 feet	are also pockets that have come back as lowland shrubs. The crown
60	Log Log	3	4.0			Low	5 - 10 feet	5 - 10 feet	closure goes from 15-100% with an average of 60%.
5	Log		4.0	White O	ak	Low	5 - 10 feet	5 - 10 feet	
		2	18	Witch Ha	azel	Low	5 - 10 feet	5 - 10 feet	
2	Loa							1	
	9	2							
- Aspen		Poletimbe	er Well	22.4	23	1-50	N/A		The stand is on a ridge that drops down to lowlands. However, most c
% Cover	Size Class	DBH	Age	Sub-Canopy	Species	Density	Avg. Height	Size	the stand is upland. It was harvested in Wildwood Second Aspen 73-
15	Sapling	5	23	Tamara		Medium	10 - 20 feet	10 - 20 feet	058-92, which was completed in 1992. The crown closure is now greater than 50%. The lower areas have regenerated heavier to
10	Pole	4		Black/Red (Hy	brid) Oak	Low	5 - 10 feet	5 - 10 feet	tamarack with lowland shrubs. The terrain is hummocky.
50	Sapling	6	23		,				
10	Pole	4							
15	Pole	4							
eous Open	land	Non	е	4.8			Yes	;	This stand is a maintained wildlife opening.
vland Aspe	en	Sapling	Poor	17.6	18 Ir	mmature	N/A		The stand is wet, and the regeneration is patchy. So, there are areas
% Cover	Size Class	DBH	Age	Sub-Canopy	Species	Density	Avg. Height	Size	of thick regeneration and areas without. It was harvested in Wildwood Aspen 73-013-03, which was completed in 2007. The south end
50	Log	3	18	Paper Bi	rch	Low	5 - 10 feet	5 - 10 feet	appears to be a lowland shrub type.
30	Log	3	18	Black/Red (Hy	brid) Oak	Full	10 - 20 feet	10 - 20 feet	
10	Log	2		Red Ma	ple	Medium	10 - 20 feet	10 - 20 feet	
10	Log	2		White O	ak	Low	5 - 10 feet	5 - 10 feet	
^	% Cover 50 30 10 10	30 Log 10 Log 10 Log Red Pine, Mixed	Value Sapling % Cover Size Class DBH 50 Log 3 30 Log 3 10 Log 2 10 Log 2 Red Pine, Mixed Unspect	Sapling Poor Size Class DBH Age	Value Sapling Poor 17.6 % Cover Size Class DBH Age Sub-Canopy 50 Log 3 18 30 Log 3 18 10 Log 2 Black/Red (Hy Red Pine, Mixed Unspecifed 9.6	Sapling Poor	Value Sapling Poor 17.6 18 Immature % Cover Size Class DBH Age Sub-Canopy Species Density 50 Log 3 18 Paper Birch Low 30 Log 3 18 Black/Red (Hybrid) Oak Full 10 Log 2 Red Maple Medium 10 Log 2 White Oak Low Red Pine, Mixed Unspecifed 9.6 1 Immature	Value Sapling Poor 17.6 18 Immature N/A % Cover Size Class DBH Age Sub-Canopy Species Density Avg. Height 50 Log 3 18 Paper Birch Low 5 - 10 feet 30 Log 3 18 Black/Red (Hybrid) Oak Full 10 - 20 feet 10 Log 2 Red Maple Medium 10 - 20 feet 10 Log 2 White Oak Low 5 - 10 feet Red Pine, Mixed Unspecifed 9.6 1 Immature	Sapling Poor

2024.

was trenched in Spring of 2022. Then it was sprayed in August of

	GI	adwin Mg	jt. Unit			Кер	01t 7 – 0te	arius		Year of Entry: 2027
Stand	Level 4 Co	over Type		Size Do	ensity	Acres Stand Age B	A Range	Managed S	Site	General Comments
178	6126 - Lowla	and Jack P	Pine P	oletimbe	r Medium	15.2 40 U	nspecified	N/A	A	This stand is about 55% lowland. There is a ridge running through the
	Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Canopy Species	Density	Avg. Height	Size	center of the stand. The terrain is hummocky. The jack pine is open grown and has a poor form. The tamarack has good growth and fair to
	Red Maple	2	Sapling	7		Alder	Medium	5 - 10 feet	5 - 10 feet	good form, but it is on the wetter ground.
(Quaking Aspen	3	Sapling	5	40					
	Tamarack	20	Sapling	6						
Blac	k/Red (Hybrid) Oak	10	Sapling	6						
	Jack Pine	65	Sapling	7	40					
179	4191 - Mixed Upla Co	ınd Decidu nifer	ous with	Poletimb	er Poor	5.1 65	81-110	N/A	A	The stand is sparse. The overstory is in patches. The terrain is hummocky. There is a man-made drain along the west side. The
	Canopy Species	% Cover	Size Class	DBI	l Age	Sub-Canopy Species	Density	Avg. Height	Size	tamarack is heavy in the wetter ground.
Blac	k/Red (Hybrid) Oak	15		5		Red Maple	Medium	10 - 20 feet	10 - 20 feet	
	Tamarack	20	Sapling	5		Black/Red (Hybrid) Oak	Low	10 - 20 feet	10 - 20 feet	
	Red Maple	30		5		Tamarack	Low	10 - 20 feet	10 - 20 feet	
	Bigtooth Aspen	35	Sapling	5	65					
180	4191 - Mixed Upla Co	nifer			r Medium	23.3 34	51-80	N/A	A	The stand was harvested in Wildwood Secord Aspen, 73-058-92 which was completed in 1992. It is a ridge that slopes down to wetter ground. The maple is on the wettest ground. There are pockets of N0
	Canopy Species		Size Class		l Age	Sub-Canopy Species	Density	Avg. Height	Size	and L0 at the south end.
	Jack Pine	10	Pole	4		Serviceberry (Juneberry)	Low	5 - 10 feet	5 - 10 feet	
Blac	k/Red (Hybrid) Oak	50	Sapling	6	34					
	Red Pine	10	Sapling	5						
181	6229 - Mixed	Lowland S	Shrub	No	ne	3.0		No	1	The stand is mainly lowland shrubs with scattered trees. The shrubs are mostly holly and alder. The west end has a greater density of trees. The overall crown closure is less than 25%.
182	42380 - Non Pine U Deci	pland Coni duous	ifer, Mixed	Poletim	oer Well	12.2 50	111-140	N/A	A	The stand is hummocky but mainly upland. The tree species are heavy to tamarack.
	Canopy Species	% Cover	Size Class	DBI	l Age	Sub-Canopy Species	Density	Avg. Height	Size	
	Red Maple	30		9		Serviceberry (Juneberry)	Low	5 - 10 feet	5 - 10 feet	
(Quaking Aspen	8		9		Black/Red (Hybrid) Oak	Low	Variable	Variable	
	Paper Birch	2	Sapling	7		Red Maple	Medium	5 - 10 feet	5 - 10 feet	
	Tamarack	60	Seedling	8	50					
183	6224 - T	reed Bog		No	ne	1.1		No		This is a leatherleaf bog that has a light overstory of seedling and sapling jack pine. The crown closure is around 25%. The jack pine has small diameters.
184	4319 - Mixed	Upland Fo	orest	Poletim	er Well	8.9 34	51-80	N/A	4	The stand is a fine matrix of uplands and lowlands. The uplands
	Canopy Species	% Cover	Size Class	DBI	l Age	Sub-Canopy Species	Density	Avg. Height	Size	appear to be the majority. The terrain is hummocky. The stand was harvested in Wildwood Secord Aspen 73-058-92, which was
	Quaking Aspen	35	Sapling	5	34	Tamarack	Medium	10 - 20 feet	10 - 20 feet	completed in 1992
	Jack Pine	15	Sapling	5		Black/Red (Hybrid) Oak	Low	Variable	Variable	
	Tamarack	35	Pole	4	34	Tag Alder	Low	5 - 10 feet	5 - 10 feet	
		4.5	0 "						*	_

15

Sapling

5

Black/Red (Hybrid) Oak

	Level 4 Co	ver Type									
		vei Type	\$	Size De	nsity	Acres	Stand Age B	A Range	Managed S	ite	General Comments
	6119 - Mixed Lowlar	nd Decidud	ous Forest P	oletimb	er Well	20.0	37	51-80	N/A		The stand is a matrix of uplands and lowlands with the mix being
C	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	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
Black	/Red (Hybrid) Oak	15	Pole	4		Decidu	ious Shrubs	Medium	5 - 10 feet	5 - 10 feet	areas where they are a mixture. The crown closure ranges from 70 to
Q	uaking Aspen	20	Sapling	5	37	Re	d Maple	High	Variable	Variable	100% with an average of 90%.
	Tamarack	10	Sapling	5	37						-
	Jack Pine	5	Pole	4							
	Red Maple	35	Sapling	5	37						
В	igtooth Aspen	15	Sapling	6	37						
186	3105 - Mixed Up	land Herba	aceous	Nor	ie	1.5			Yes		This stand is a maintained wildlife opening.
187	4310 - Pin	e, Oak Mix	c Pol	etimbe	Mediun	n 6.4	28	51-80	N/A		The stand is a ridge that was harvested in Miller's Tracks 73-010-97,
C	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	which was completed in 1997. The harvest retained the white pine. The ridge is droughty sand that slopes down to wetter hummocky
	White Pine	50		7	28		nite Pine	Medium	>20 feet	>20 feet	sand. The white pine has been seeding in so there is some
Black	/Red (Hybrid) Oak	30	Log	2					1		regeneration. The residual white pine has been heavily weevilled, so
В	igtooth Aspen	20	Pole	4	28						they have poor form. The stand has some very open areas. The average crown closure is around 55%.
188	42290 - Natu	ral Mixed F	Pine S	awtimb	er 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
C	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	pine in the west. There are areas of tamarack in the stand especially along the northwestern edge.
	Red Maple	20		8		Re	d Maple	Low	>20 feet	>20 feet	diong the northwestern eags.
	Tamarack	15	Sapling	7		Black/Red	d (Hybrid) Oak	Low	>20 feet	>20 feet	
	White Pine	40		12	81						-
	Jack Pine	25	Seedling	8							
189	6113 - Low	land Maple	e S	awtimb	er Poor	14.9	81	1-50	N/A		The stand is very wet with the ground cover being marsh grass and
_	Canopy Species	% Cover	Size Class	DBH	Αge	Cub Co	nopy Species				っ tag alder. The oak understory is along the southeast side where it
C					, 190	Sub-Cai	nopy Species	Density	Avg. Height	Size	starts to become upland. The ash is dead and there are numerous
	Red Maple	80		10	81		ious Shrubs	Medium	Avg. Height 5 - 10 feet	Size 5 - 10 feet	starts to become upland. The ash is dead and there are numerous openings. The crown closure is now less than 50%.
	Red Maple /Red (Hybrid) Oak	80 20				Decidu					·
	<u> </u>			10		Decidu Ta	ious Shrubs	Medium	5 - 10 feet	5 - 10 feet	·
	<u> </u>	20	hrub	10	81	Decidu Ta	ous Shrubs g Alder	Medium High	5 - 10 feet 5 - 10 feet	5 - 10 feet 5 - 10 feet	·
Black	/Red (Hybrid) Oak	20 Lowland S		10	81 1e	Decidu Ta Oa	ious Shrubs ig Alder ik (spp.)	Medium High	5 - 10 feet 5 - 10 feet Variable	5 - 10 feet 5 - 10 feet Variable	openings. The crown closure is now less than 50%. The stand is mainly lowland shrubs made up of alder and holly. There are scattered trees, but the crown closure is less than 5%. The stand was harvested in Wildwood Aspen, 73-013-03, which was
190 191	/Red (Hybrid) Oak 6229 - Mixed I	_owland S		10 8 Nor	81 1e	Decidu Ta Oa 19.4	ous Shrubs ng Alder nk (spp.)	Medium High Medium	5 - 10 feet 5 - 10 feet Variable	5 - 10 feet 5 - 10 feet Variable	openings. The crown closure is now less than 50%. The stand is mainly lowland shrubs made up of alder and holly. There are scattered trees, but the crown closure is less than 5%. The stand was harvested in Wildwood Aspen, 73-013-03, which was completed in 2007. A direct seeding treatment, FTP C73-905, was
190 191	/Red (Hybrid) Oak 6229 - Mixed I 6112 - Low	_owland S	n S	10 8 Nor	81 Medium Age	Decidu Ta Oa 19.4 57.1 Sub-Car	ious Shrubs ig Alder ik (spp.)	Medium High Medium	5 - 10 feet 5 - 10 feet Variable No	5 - 10 feet 5 - 10 feet Variable	openings. The crown closure is now less than 50%. The stand is mainly lowland shrubs made up of alder and holly. There are scattered trees, but the crown closure is less than 5%. 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
190 191 C	Red (Hybrid) Oak 6229 - Mixed I 6112 - Low Canopy Species	_owland Siland Aspe	n S. Size Class	Nor apling I	81 Medium	Decidu Ta Oa 19.4 57.1 Sub-Car	ous Shrubs og Alder ok (spp.) 18 I	Medium High Medium mmature Density	5 - 10 feet 5 - 10 feet Variable No N/A Avg. Height	5 - 10 feet 5 - 10 feet Variable	openings. The crown closure is now less than 50%. The stand is mainly lowland shrubs made up of alder and holly. There are scattered trees, but the crown closure is less than 5%. 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
190 191 CBlack	/Red (Hybrid) Oak 6229 - Mixed I 6112 - Low Canopy Species /Red (Hybrid) Oak	Lowland Solution Aspe	n Size Class	Nor apling I DBH	81 Medium Age	Decidu Ta Oa 19.4 57.1 Sub-Cat Wil	lous Shrubs lig Alder lik (spp.) 18 I Inopy Species lig Alder	Medium High Medium Medium Medium Medium Medium	5 - 10 feet 5 - 10 feet Variable No N/A Avg. Height 5 - 10 feet	5 - 10 feet 5 - 10 feet Variable Size 5 - 10 feet	openings. The crown closure is now less than 50%. The stand is mainly lowland shrubs made up of alder and holly. There are scattered trees, but the crown closure is less than 5%. 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

Compartment: 46 Year of Entry: 2027

Stand	Level 4 Co	over Type		Size De	ilisity	Acres	Stand Age B	A Range	Managed S	ite	General Comments
192		6117 - Lowland Deciduous, Mixed Poletimber Poor 9.3 64 Coniferous anopy Species % Cover Size Class DBH Age Sub-Canopy Species		64	1-50	N/A	1	This is a depression that is heavy to leather leaf that has some scattered trees.			
C	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
Black	/Red (Hybrid) Oak	45		6	64	Black/Re	d (Hybrid) Oak	Low	10 - 20 feet	10 - 20 feet	
	Tamarack	35	Sapling	5		Re	d Maple	Low	5 - 10 feet	5 - 10 feet	
	Red Maple	20	Sapling	5		Decidu	uous Shrubs	High	5 - 10 feet	5 - 10 feet	
193	500 -	Water		No	ne	2.6			No		The stand is a man-made wetland.
194	4126 - White, B	Black, N. Pi	n Oak	Poletimb	er Poor	7.5	38	1-50	N/A	\	The stand is sparse and on a narrow droughty ridge. The ground
(Canopy Species	% Cover	Size Class	DBH	l Age						cover is poverty grass. The uplands are seeding in with oak. Much of is now established. Tamarack is seeding in along the base of the
	Bigtooth Aspen	10	Sapling	6	38						ridge. There is also a low-density aspen. The crown closure is now
Black	/Red (Hybrid) Oak	10		12							greater than 25%.
Black	/Red (Hybrid) Oak	40	Log	3	38						
	White Oak	25	Log	3							
405 (Red Maple	15	Log	2 olotimbo	r Modiu	m 50.4	40	91 110	N/A		The stand is a matrix of unlands and lowlands with the lowlands being
	6119 - Mixed Lowla	nd Decidud	ous Forest P	oletimbe			40	81-110 Density	N/A	Size	\neg the majority. There are areas of lowland shrubs. The upland areas
	'	nd Decidud		oletimbe	r Mediui	Sub-Ca	40 nopy Species	81-110 Density High	N/A Avg. Height 5 - 10 feet		
C	6119 - Mixed Lowlar Canopy Species	nd Decidud	ous Forest P	oletimbe	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	the majority. There are areas of lowland shrubs. The upland areas are heavier to aspen and oak. The lowland areas are heavier to
C	6119 - Mixed Lowlar Canopy Species Red Maple	nd Decidud % Cover	ous Forest P Size Class Sapling	oletimbe DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	are heavier to aspen and oak. The lowland areas are heavier to maple and tamarack. The ash is gone. The crown closure goes from
Black	6119 - Mixed Lowlar Canopy Species Red Maple t/Red (Hybrid) Oak	nd Decidud **Cover** 40 20	ous Forest P Size Class Sapling Pole	oletimbe DBH 5 4	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	the majority. There are areas of lowland shrubs. The upland areas are heavier to aspen and oak. The lowland areas are heavier to maple and tamarack. The ash is gone. The crown closure goes from
Black	6119 - Mixed Lowlar Canopy Species Red Maple t/Red (Hybrid) Oak Tamarack	nd Decidud % Cover 40 20 10 30	ous Forest P Size Class Sapling Pole Sapling Sapling	oletimbe DBH 5 4 5	40 40	Sub-Ca Decidu	nopy Species	Density	Avg. Height	Size 5 - 10 feet	the majority. There are areas of lowland shrubs. The upland areas are heavier to aspen and oak. The lowland areas are heavier to maple and tamarack. The ash is gone. The crown closure goes from 50 to 100% with an average around 70%. The stand is on an upland ridge, and it appears to be droughty. The
Black	6119 - Mixed Lowlar Canopy Species Red Maple k/Red (Hybrid) Oak Tamarack Quaking Aspen	nd Deciduc % Cover 40 20 10 30 k, N. Pin O	ous Forest P Size Class Sapling Pole Sapling Sapling	oletimbe DBH 5 4 5 6 Sapling I	40 40	Sub-Ca Decidu	nopy Species uous Shrubs	Density High	Avg. Height 5 - 10 feet	Size 5 - 10 feet	the majority. There are areas of lowland shrubs. The upland areas are heavier to aspen and oak. The lowland areas are heavier to maple and tamarack. The ash is gone. The crown closure goes from 50 to 100% with an average around 70%. The stand is on an upland ridge, and it appears to be droughty. The trees are mainly poorly formed choke cherry and oak. The overstory is
Black	6119 - Mixed Lowlar Canopy Species Red Maple k/Red (Hybrid) Oak Tamarack Quaking Aspen 4125 - Black	nd Deciduc % Cover 40 20 10 30 k, N. Pin O	ous Forest P Size Class Sapling Pole Sapling Sapling	oletimbe DBH 5 4 5 6 Sapling I	40 40 Medium	Sub-Ca Decidu	nopy Species uous Shrubs	Density High	Avg. Height 5 - 10 feet	Size 5 - 10 feet	the majority. There are areas of lowland shrubs. The upland areas are heavier to aspen and oak. The lowland areas are heavier to maple and tamarack. The ash is gone. The crown closure goes from 50 to 100% with an average around 70%.
Black Q	6119 - Mixed Lowlar Canopy Species Red Maple t/Red (Hybrid) Oak Tamarack Quaking Aspen 4125 - Black Canopy Species	nd Deciduo **Cover** 40 20 10 30 k, N. Pin O **Cover**	ous Forest P Size Class Sapling Pole Sapling Sapling Sapling	oletimbe DBH 5 4 5 6 Sapling I	40 40 Medium	Sub-Ca Decidu	nopy Species uous Shrubs	Density High	Avg. Height 5 - 10 feet	Size 5 - 10 feet	the majority. There are areas of lowland shrubs. The upland areas are heavier to aspen and oak. The lowland areas are heavier to maple and tamarack. The ash is gone. The crown closure goes from 50 to 100% with an average around 70%. The stand is on an upland ridge, and it appears to be droughty. The trees are mainly poorly formed choke cherry and oak. The overstory is sparse having a crown closure going from 25 to 90% with an average
Black Q 196 C	Canopy Species Red Maple K/Red (Hybrid) Oak Tamarack Quaking Aspen 4125 - Black Canopy Species Red Maple	nd Deciduo **Cover* 40 20 10 30 k, N. Pin O **Cover* 20	ous Forest P Size Class Sapling Pole Sapling Sapling Sapling Sak Size Class Sapling	oletimbe DBH 5 4 5 6 Sapling I DBH 6	40 40 Medium	Sub-Ca Decidu	nopy Species uous Shrubs	Density High	Avg. Height 5 - 10 feet	Size 5 - 10 feet	the majority. There are areas of lowland shrubs. The upland areas are heavier to aspen and oak. The lowland areas are heavier to maple and tamarack. The ash is gone. The crown closure goes from 50 to 100% with an average around 70%. The stand is on an upland ridge, and it appears to be droughty. The trees are mainly poorly formed choke cherry and oak. The overstory is sparse having a crown closure going from 25 to 90% with an average
Black Q 196 C Black	Canopy Species Red Maple k/Red (Hybrid) Oak Tamarack Quaking Aspen 4125 - Black Canopy Species Red Maple k/Red (Hybrid) Oak	nd Decidud **Cover* 40 20 10 30 k, N. Pin O **Cover* 20 50	pus Forest P Size Class Sapling Pole Sapling Sapling Sapling Sapling Pole Sapling	oletimbe DBH 5 4 5 6 Sapling I	40 40 Medium	Sub-Ca Decidu	nopy Species uous Shrubs	Density High	Avg. Height 5 - 10 feet	Size 5 - 10 feet	the majority. There are areas of lowland shrubs. The upland areas are heavier to aspen and oak. The lowland areas are heavier to maple and tamarack. The ash is gone. The crown closure goes from 50 to 100% with an average around 70%. The stand is on an upland ridge, and it appears to be droughty. The trees are mainly poorly formed choke cherry and oak. The overstory sparse having a crown closure going from 25 to 90% with an average
Black Q 196 C Black	Canopy Species Red Maple k/Red (Hybrid) Oak Tamarack Quaking Aspen 4125 - Black Canopy Species Red Maple k/Red (Hybrid) Oak Paper Birch k/amp White Oak	nd Decidude % Cover 40 20 10 30 k, N. Pin O % Cover 20 50 5 25	ous Forest P Size Class Sapling Pole Sapling Sapling Sapling Pole Sapling Pole Sapling Pole Sapling	DBH	Age 40 40 Medium Age 38	Sub-Ca Decidu	nopy Species uous Shrubs	Density High	Avg. Height 5 - 10 feet	Size 5 - 10 feet	the majority. There are areas of lowland shrubs. The upland areas are heavier to aspen and oak. The lowland areas are heavier to maple and tamarack. The ash is gone. The crown closure goes from 50 to 100% with an average around 70%. The stand is on an upland ridge, and it appears to be droughty. The trees are mainly poorly formed choke cherry and oak. The overstory is sparse having a crown closure going from 25 to 90% with an average of 55%. The lower ground is hummocky. The stand has a significant number of dead snags and down ash. The terrain is hummocky. However, it is very wet, and it is
Black 196 Black Sw 197	Canopy Species Red Maple k/Red (Hybrid) Oak Tamarack Quaking Aspen 4125 - Black Canopy Species Red Maple k/Red (Hybrid) Oak Paper Birch k/amp White Oak	nd Deciduo **Cover** 40	ous Forest P Size Class Sapling Pole Sapling Sapling Sapling Pole Sapling Pole Sapling Pole Sapling	oletimbe DBH 5 4 5 6 Sapling I DBH 6 4 5 4 Poletimb	Age 40 40 Medium Age 38	Sub-Ca Decidu 5.8	nopy Species uous Shrubs 38	Density High 81-110	Avg. Height 5 - 10 feet N/A	Size 5 - 10 feet	the majority. There are areas of lowland shrubs. The upland areas are heavier to aspen and oak. The lowland areas are heavier to maple and tamarack. The ash is gone. The crown closure goes from 50 to 100% with an average around 70%. The stand is on an upland ridge, and it appears to be droughty. The trees are mainly poorly formed choke cherry and oak. The overstory sparse having a crown closure going from 25 to 90% with an average of 55%. The lower ground is hummocky. The stand has a significant number of dead snags and down ash. The terrain is hummocky. However, it is very wet, and it is regenerating well on its own. The canopy gaps are filling in with
Black 196 Black Sw 197	Canopy Species Red Maple K/Red (Hybrid) Oak Tamarack Quaking Aspen 4125 - Black Canopy Species Red Maple K/Red (Hybrid) Oak Paper Birch //amp White Oak 6117 - Lowland E Conit	nd Deciduo **Cover** 40 20 10 30 k, N. Pin O **Cover** 20 50 5 25 Deciduous, ferous	ous Forest P Size Class Sapling Pole Sapling Sapling ak Size Class Sapling Pole Sapling Pole Mixed	oletimbe DBH 5 4 5 6 Sapling I DBH 6 4 5 4 Poletimb	40 40 Medium Age 38	Sub-Ca Decidu 5.8 5.2 Sub-Ca	nopy Species uous Shrubs 38	Density High 81-110	Avg. Height 5 - 10 feet N/A	Size 5 - 10 feet	the majority. There are areas of lowland shrubs. The upland areas are heavier to aspen and oak. The lowland areas are heavier to maple and tamarack. The ash is gone. The crown closure goes from 50 to 100% with an average around 70%. The stand is on an upland ridge, and it appears to be droughty. The trees are mainly poorly formed choke cherry and oak. The overstory sparse having a crown closure going from 25 to 90% with an average of 55%. The lower ground is hummocky. The stand has a significant number of dead snags and down ash. The terrain is hummocky. However, it is very wet, and it is regenerating well on its own. The canopy gaps are filling in with maple, ash, and tamarack. It is expected to maintain itself as
Black Black Black Sw 197	Canopy Species Red Maple t/Red (Hybrid) Oak Tamarack Quaking Aspen 4125 - Black Canopy Species Red Maple t/Red (Hybrid) Oak Paper Birch t/amp White Oak Conit Canopy Species	nd Deciduo **Cover** 40 20 10 30 k, N. Pin O **Cover** 20 50 5 25 Deciduous, ferous **Cover**	ous Forest P Size Class Sapling Pole Sapling Sapling ak Size Class Sapling Pole Sapling Pole Mixed	oletimbe DBH 5 4 5 6 Sapling I DBH 6 4 5 4 Poletimb	40 40 Medium Age 38	Sub-Ca Decidu 5.8 5.2 Sub-Ca Decidu	nopy Species uous Shrubs 38 63 nopy Species	Density High 81-110 Density	Avg. Height 5 - 10 feet N/A Avg. Height	Size 5 - 10 feet	the majority. There are areas of lowland shrubs. The upland areas are heavier to aspen and oak. The lowland areas are heavier to maple and tamarack. The ash is gone. The crown closure goes from 50 to 100% with an average around 70%. The stand is on an upland ridge, and it appears to be droughty. The trees are mainly poorly formed choke cherry and oak. The overstory sparse having a crown closure going from 25 to 90% with an average of 55%. The lower ground is hummocky. The stand has a significant number of dead snags and down ash. The terrain is hummocky. However, it is very wet, and it is regenerating well on its own. The canopy gaps are filling in with
Black Black Black Sw 197	Canopy Species Red Maple K/Red (Hybrid) Oak Tamarack Quaking Aspen 4125 - Black Canopy Species Red Maple K/Red (Hybrid) Oak Paper Birch //amp White Oak 6117 - Lowland I Conit Canopy Species K/Red (Hybrid) Oak	nd Deciduo **Cover* 40 20 10 30 k, N. Pin O **Cover* 20 50 5 25 Deciduous, ferous **Cover* 5	ous Forest P Size Class Sapling Pole Sapling Sapling Sapling Pole Sapling Pole Sapling Pole Sapling Pole Sapling Sapling	oletimbe DBH 5 4 5 6 Sapling I DBH 6 4 5 4 Poletimb DBH 5	40 40 Medium Age 38	5.8 5.2 Sub-Ca Decidu	nopy Species uous Shrubs 38 63 nopy Species uous Shrubs	Pensity High 81-110 Pensity High	Avg. Height 5 - 10 feet N/A Avg. Height 5 - 10 feet	Size 5 - 10 feet Size 5 - 10 feet	the majority. There are areas of lowland shrubs. The upland areas are heavier to aspen and oak. The lowland areas are heavier to maple and tamarack. The ash is gone. The crown closure goes from 50 to 100% with an average around 70%. The stand is on an upland ridge, and it appears to be droughty. The trees are mainly poorly formed choke cherry and oak. The overstory sparse having a crown closure going from 25 to 90% with an average of 55%. The lower ground is hummocky. The stand has a significant number of dead snags and down ash. The terrain is hummocky. However, it is very wet, and it is regenerating well on its own. The canopy gaps are filling in with maple, ash, and tamarack. It is expected to maintain itself as tamarack. The crown closure goes from 10 to 100% with an average

Stand	Level 4 Co	ver Type		Size De	nsity	Acres	Stand Age B	A Range	Managed Si	te	General Comments
198	6112 - Low	land Aspe	n	Sapling	Poor	8.0	18 I	mmature	N/A		The majority of the stand has patchy regeneration. Some areas are
C	anopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	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%
F	Paper Birch	5	Log	1		Decid	uous Shrubs	Full	5 - 10 feet	5 - 10 feet	with an average of 25%.
Qu	uaking Aspen	40	Log	2	18						•
Black/F	Red (Hybrid) Oak	35	Log	2							
(Green Ash	20	Log	1							
199	4131 - As	spen, Oak		Poletimb	er 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
Ca	anopy Species	% Cover	Size Class	DBH	Age						paper birch and tamarack. The lowland makes up around 30% of the
	Tamarack	5	Pole	4							stand. There are also areas of upland herbaceous. The past harvest
Black/F	Red (Hybrid) Oak	25		5							appears to have been to 4 inches DBH and left some larger oak.
1	White Oak	10	Pole	3							
Biç	gtooth Aspen	45	Sapling	5	34						
ſ	Red Maple	15	Pole	3							
200	4126 - White, B	lack, N. Pi	n Oak P	oletimber	Mediur	n 4.9	34	51-80	N/A		This is a decent stand of maturing white oak. It was harvested in
Ca	anopy Species	% Cover	Size Class	DBH	Age						Wildwood Secord Aspen 73-058-92 which was completed in 1992. The oak regeneration is now becoming well established. Also, some
,	White Oak	40		8	34						tamarack is seeding in.
Black/F	Red (Hybrid) Oak	60		8	34						
201	6121 - T	amarack		Sapling	Well	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
Cá	anopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	harvested. The regeneration is patchy. The stand is very wet. The
	Red Maple	10	Log	1		Black/Re	d (Hybrid) Oak	Low	5 - 10 feet	5 - 10 feet	crown closure ranges from 60 to 100% with an average of 80%.
Qu	uaking Aspen	5	Sapling	5		_					
Dlast-/r	Deal (Linksid) Oak					l a	amarack	Medium	5 - 10 feet	5 - 10 feet	
DIACK/I	Red (Hybrid) Oak	10	Pole	4			amarack uous Shrubs	Medium High	5 - 10 feet 5 - 10 feet	5 - 10 feet 5 - 10 feet	
	Tamarack	60	Pole Pole	4	34	Decid					
					34	Decid	uous Shrubs	High	5 - 10 feet	5 - 10 feet	
,	Tamarack	60	Pole	4	34	Decid	uous Shrubs	High	5 - 10 feet	5 - 10 feet	
,	Tamarack White Oak Paper Birch 6117 - Lowland D	60 3 12	Pole Pole Log	4		Decid	uous Shrubs	High	5 - 10 feet	5 - 10 feet	The terrain is hummocky. The stand is made up of islands in a matrix of lowland shrubs. The crown closure is around 30%.
202	Tamarack White Oak Paper Birch 6117 - Lowland D	60 3 12 Deciduous,	Pole Pole Log	4 4 3 Poletimb	er Poor	Decidu Re	uous Shrubs ed Maple	High Low	5 - 10 feet 5 - 10 feet	5 - 10 feet	
202 Ca	Tamarack White Oak Paper Birch 6117 - Lowland D	60 3 12 Deciduous,	Pole Pole Log Mixed	4 4 3 Poletimb		Decidu Re	uous Shrubs ed Maple	High Low	5 - 10 feet 5 - 10 feet	5 - 10 feet	
202	Tamarack White Oak Paper Birch 6117 - Lowland C Conif	60 3 12 Deciduous, erous	Pole Pole Log Mixed Size Class	4 4 3 Poletimb	er Poor	Decidu Re	uous Shrubs ed Maple	High Low	5 - 10 feet 5 - 10 feet	5 - 10 feet	
202 Ca	Tamarack White Oak Paper Birch 6117 - Lowland E Conif anopy Species Red Maple	60 3 12 Deciduous, ferous % Cover 20	Pole Pole Log Mixed Size Class Pole	4 4 3 Poletimb	er Poor	Decidu Re	uous Shrubs ed Maple	High Low	5 - 10 feet 5 - 10 feet	5 - 10 feet	
202 Ca	Tamarack White Oak Paper Birch 6117 - Lowland Conif anopy Species Red Maple Tamarack	60 3 12 Deciduous, rerous % Cover 20 35 45	Pole Pole Log Mixed Size Class Pole Pole	4 4 3 Poletimb DBH 4 4	er Poor Age	Decidu Re	uous Shrubs ed Maple 27	High Low	5 - 10 feet 5 - 10 feet	5 - 10 feet	of lowland shrubs. The crown closure is around 30%. It was harvested in Wildwood Aspen 73-013-03 which was completed
202 Ca Black/F	Tamarack White Oak Paper Birch 6117 - Lowland E Conif anopy Species Red Maple Tamarack Red (Hybrid) Oak	60 3 12 Deciduous, ferous % Cover 20 35 45	Pole Pole Log Mixed Size Class Pole Pole	4 4 3 Poletimb DBH 4 4 6 Sapling N	er Poor Age	6.2 27.9	uous Shrubs ed Maple 27	High Low	5 - 10 feet 5 - 10 feet N/A	5 - 10 feet	of lowland shrubs. The crown closure is around 30%. It was harvested in Wildwood Aspen 73-013-03 which was completed in 2007. The stand is hummocky and rutted when it was harvested.
Page 1 Page 2 P	Tamarack White Oak Paper Birch 6117 - Lowland E Conif anopy Species Red Maple Tamarack Red (Hybrid) Oak 4199 - Other Mixed	60 3 12 Deciduous, ferous % Cover 20 35 45	Pole Pole Log Mixed Size Class Pole Pole eciduous	4 4 3 Poletimb DBH 4 4 6 Sapling N	er Poor Age 27 Medium	6.2	uous Shrubs ed Maple 27	High Low 1-50	5 - 10 feet 5 - 10 feet N/A	5 - 10 feet 5 - 10 feet	of lowland shrubs. The crown closure is around 30%. It was harvested in Wildwood Aspen 73-013-03 which was completed
202 Ca Black/F 204 4 Ca F	Tamarack White Oak Paper Birch 6117 - Lowland E Conif anopy Species Red Maple Tamarack Red (Hybrid) Oak 4199 - Other Mixed anopy Species	60 3 12 Deciduous, ferous % Cover 20 35 45 Upland D	Pole Pole Log Mixed Size Class Pole Pole eciduous Size Class	Poletimb DBH 4 4 6 Sapling N	er Poor Age 27 Medium	6.2	uous Shrubs ed Maple 27 18 Inopy Species	High Low 1-50 mmature Density	5 - 10 feet 5 - 10 feet N/A N/A Avg. Height	5 - 10 feet 5 - 10 feet Size	of lowland shrubs. The crown closure is around 30%. 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
202 Ca Black/F 204 4 Ca F Black/F	Tamarack White Oak Paper Birch 6117 - Lowland E Conif anopy Species Red Maple Tamarack Red (Hybrid) Oak 4199 - Other Mixed anopy Species Paper Birch	60 3 12 Deciduous, rerous % Cover 20 35 45 Upland D % Cover 20	Pole Pole Log Mixed Size Class Pole Pole eciduous Size Class Log	Poletimb DBH 4 4 6 Sapling N DBH 1	er Poor Age 27 Medium Age	6.2	uous Shrubs ed Maple 27 18 Inopy Species	High Low 1-50 mmature Density	5 - 10 feet 5 - 10 feet N/A N/A Avg. Height	5 - 10 feet 5 - 10 feet Size	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

Stand	Level 4 Co	over Type		Size Den	sity	Acres	Stand Age E	BA Range	Managed S	Site	General Comments
207	4130	- Aspen	F	Poletimbe	r Well	49.3	34	81-110	N/A	4	The stand is hummocky and it is a mixture of upland and lowland with
(Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	the upland being the majority. There are inclusions of lowland shrubs as well as grassy upland. Autumn olive was planted in the stand
	Red Maple	10	Pole	4		Ta	ag Alder	Low	5 - 10 feet	5 - 10 feet	along the old skid trails.
	Paper Birch	15	Pole	3		Gr	een Ash	Low	10 - 20 feet	10 - 20 feet	
Black	k/Red (Hybrid) Oak	5	Pole	4		Decidu	ious Shrubs	Medium	5 - 10 feet	5 - 10 feet	
C	Quaking Aspen	45	Sapling	6	34						_
Е	Bigtooth Aspen	25	Sapling	7	37						
208	6113 - Lov	vland Mapl	e Sa	awtimber N	Леdiu	m 76.5	78	51-80	N/A	4	The terrain is undulating to hummocky going from dryer swamp
	Canopy Species	% Cover	Size Class	DBH .	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	hardwoods to lowland shrubs. There are scattered areas of high- density swamp hardwoods sawlogs and areas of medium density
C	Quaking Aspen	5		10		Re	d Maple	Low	5 - 10 feet	5 - 10 feet	regeneration. The ash has died off reducing the crown closure to
	Tamarack	10	Seedling	6		Gr	een Ash	Medium	5 - 10 feet	5 - 10 feet	around 50%.
Black	k/Red (Hybrid) Oak	5		10		Black/Re	d (Hybrid) Oak	Low	Variable	Variable	
	Red Maple	75		14	78	Ta	ag Alder	Medium	5 - 10 feet	5 - 10 feet	
	Paper Birch	5	Sapling	6							
209	6229 - Mixed	Lowland S	hrub	None)	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		- Aspen		oletimber N		m 24.4	34	1-50	N/A	4	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
	Canopy Species		Size Class	DBH	Age		nopy Species		Avg. Height	Size	uplands being around 70%. The terrain is hummocky. The stand
	Tamarack	3	Sapling	6			ag Alder	High	5 - 10 feet	5 - 10 feet	appears to have a high-water table.
C	Quaking Aspen	30	Sapling	5	34	Ta	ımarack	Medium	5 - 10 feet	5 - 10 feet	
	White Pine	12		8							
	Bigtooth Aspen	40	Sapling	6	34						
Black	k/Red (Hybrid) Oak	15	Pole	4							
213	4130	- Aspen	F	Poletimbe	r Well	3.4	34	81-110	N/A	4	The terrain is hummocky. The stand is transitioning to poles. The ¬ crown closure is around 90%.
(Canopy Species	% Cover	Size Class	DBH .	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Crown closure is around 90%.
Е	Bigtooth Aspen	50	Sapling	7	34	Re	d Maple	Medium	10 - 20 feet	10 - 20 feet	
C	Quaking Aspen	30	Sapling	6	34	Commo	n Blackberry	High	< 5 feet	< 5 feet	
	Red Maple	20	Sapling	5		Decidu	ious Shrubs	Low	5 - 10 feet	5 - 10 feet	
						Gr	een Ash	Low	10 - 20 feet	10 - 20 feet	
216	4131 - A	spen, Oak	Po	oletimber N	Mediu	m 13.3	41	51-80	N/A	4	The stand is variable with areas that are well stock and places that are
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	non-stocked. The terrain is hummocky. There are wet areas, even if much of the stand is a ridge.
	Red Maple	10		8		Commo	n Blackberry	Medium	5 - 10 feet	5 - 10 feet	
	Tamarack	10	Sapling	6		Sw	eet Fern	Low	5 - 10 feet	5 - 10 feet	
Е	Bigtooth Aspen	15	Sapling	7	41	Black/Re	d (Hybrid) Oak	Medium	Variable	Variable	
C	Quaking Aspen	35	Sapling	7	41			1		,	-

30

5

Black/Red (Hybrid) Oak

Compartment: 46

Stand Size Density Acres Stand Age BA Range **General Comments** Level 4 Cover Type Managed Site 629 - Mixed non-forested Wetland None 15.4 No The stand is mainly lowland shrubs. There are pockets of trees, but 219 the crown closure is less than 25%. Size **Sub-Canopy Species** Density Ava. Height Red Maple >20 feet >20 feet Trace 5 - 10 feet Tag Alder Full 5 - 10 feet 220 3105 - Mixed Upland Herbaceous None 3.8 Yes Wildlife Division managed opening. 6113 - Lowland Maple Sawtimber Poor 5.2 85 1-50 N/A This stand is low, wet, and hummocky. The ash is gone, and the 221 crown closure is now less than 50%. There are areas that are more **Sub-Canopy Species** Size **Canopy Species** % Cover Size Class **DBH Age** Density Avg. Height upland that have maple, but much of the stand is now alder and holly. Red Maple 98 12 85 Tag Alder Low 5 - 10 feet 5 - 10 feet 2 10 Black/Red (Hybrid) Oak 6113 - Lowland Maple Sawtimber Medium 8.9 85 1-50 N/A 2010 Comments: This stand is a mixture of upland and lowland with 222 the lowland being the majority. There is a ridge along the north edge **Sub-Canopy Species Canopy Species** % Cover Size Class **DBH Age** Density Ava. Heiaht Size of the stand however it is not large enough to make it a separate Red Maple 75 12 85 Deciduous Shrubs High 5 - 10 feet 5 - 10 feet Black/Red (Hybrid) Oak 20 10 5 12 Quaking Aspen 4191 - Mixed Upland Deciduous with 8.2 18 Sapling Poor N/A The stand was harvested but regeneration is poor. In addition, the 223 **Immature** Conifer stand is a mixture of uplands and lowlands and much of the regeneration is on the uplands. The stand is filled with choke cherry. **Canopy Species** % Cover Size Class **DBH Age** Choke Cherry 20 Log Black/Red (Hybrid) Oak 10 1 Log White Pine 40 2 18 Log 2 Bigtooth Aspen 30 Loa 4131 - Aspen, Oak Sapling Medium 1.9 18 **Immature** N/A It was harvested in Wildwood Aspen 73-013-03 which was completed 224 in 2007. The stand is a mixture of uplands and lowlands with the **Canopy Species** % Cover Size Class **DBH Age Sub-Canopy Species** Density Avg. Height Size lowlands making up about 55%. The lowlands are concentrated Deciduous Shrubs Medium 5 - 10 feet Black/Red (Hybrid) Oak 5 - 10 feet 15 Log through the center of the stand. The regeneration is birch/aspen west and oak/aspen east. The crown closure is around 55%. 1 White Oak 5 Log 60 2 18 Quaking Aspen Loa Paper Birch 5 Log 1 10 1 Red Maple Log 5 1 Green Ash Loa N/A 225 4130 - Aspen Poletimber Well 45.1 53 111-140 The stand is a mixture of uplands and lowlands with the lowlands making up about 20%. The terrain is hummocky. The crown closure

Density

Low

Low

Low

Low

Avg. Height

5 - 10 feet

5 - 10 feet

5 - 10 feet

5 - 10 feet

Canopy Species

Quaking Aspen

Red Maple

Black/Red (Hybrid) Oak

Bigtooth Aspen

% Cover Size Class

Seedling

Seedling

20

25

5

50

DBH Age

9

7

6

9 53

Sub-Canopy Species

Red Maple

Black/Red (Hybrid) Oak

Common Blackberry

Deciduous Shrubs

goes from 25 to 100% with an average of 90%. The lower areas have

lots of down ash with significant ash and maple regeneration.

Size

5 - 10 feet

5 - 10 feet

5 - 10 feet

5 - 10 feet

Compartment: 46

	Gladwin Mgt. Unit		t. Unit				i (O	3011 7 - 01	undo		Year of Entry: 2027	
Stand	Level 4 Co	ver Type		Size De	ensity	Acres	Stand Age	BA Range	Managed \$	Site	General Comments	
226	6239 - Mixed Er	nergent W	etland	No	ne	6.6			No)	It was harvested in Wildwood Aspen 73-013-03 which was completed	
						Sub-Ca	nopy Species	s Density	Avg. Height	Size	in 2007. After the harvest it did not regenerate well. The crown closure is below 25%. There is significant cattails and marsh grass present.	
						Ta	ag Alder	Medium	5 - 10 feet	5 - 10 feet	Overall, the stand is very wet.	
						Qual	king Aspen	Low	10 - 20 feet	10 - 20 feet		
						Ca	ttail spp.	Full	Not Applicable	Not Applicable		
						Re	ed Maple	Low	10 - 20 feet	10 - 20 feet		
227	4131 - As	spen, Oak		Sapling	Poor	6.0	14	Immature	N/A	4	It was harvested in Wildwood Aspen 73-013-03 which was completed	
	Canopy Species	% Cover	Size Class	DBH	I Age						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	
	Red Maple	10	Log	2							blueberry. There is also some white pine regeneration coming in. The	
Black	k/Red (Hybrid) Oak	25	Log	2							north end is wetter. The crown closure goes from 0 to 100% with an	
	Bigtooth Aspen	58	Log	2	14						average of 45%.	
	White Pine	7	Pole	3								
228	6128 - Lowland C Decid	Coniferous, duous	Mixed Po	oletimbe	r Mediu	ım 6.1	75	81-110	N/A	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-	
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size	03 which was completed in 2007. The crown closure goes from 10 to 100% with an average of 65%. The terrain is hummocky. The	
	Paper Birch	10	Sapling	5		Ta	ag Alder	High	5 - 10 feet	5 - 10 feet	understory shrubs are heavy to leather leaf and dogwood.	
	White Pine	10		10		Le	atherleaf	High	5 - 10 feet	5 - 10 feet	,	
	Tamarack	20	Sapling	6		Decido	uous Shrubs	Low	5 - 10 feet	5 - 10 feet		
Black	k/Red (Hybrid) Oak	10	Sapling	6								
	Black Spruce	30		6	75							
229	4130 -	Aspen	-	Poletimb	er Well	l 12.5	54	81-110	N/A	Α	The stand is a mix of uplands and lowlands with the uplands being the	
(Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size	majority. Most of the wetter ground is along the east side.	
C	Quaking Aspen	20	Seedling	7		WI	hite Pine	Low	5 - 10 feet	5 - 10 feet		
	Red Maple	15	Sapling	7		Black/Re	ed (Hybrid) Oa	k Low	5 - 10 feet	5 - 10 feet		
Е	Bigtooth Aspen	50	Seedling	8	54	Servicebe	erry (Juneberr	y) Low	5 - 10 feet	5 - 10 feet		
	Paper Birch	5	Sapling	6								
	White Pine	10		12								
230	6224 - T	reed Bog		No	ne	5.1			No)	The stand is mainly leatherleaf mixed with lowland shrubs. There are	
						Sub-Ca	nopy Species	s Density	Avg. Height	Size	some trees in the southern 1/3.	
						Le	atherleaf	High	5 - 10 feet	5 - 10 feet		
231	4130 -	Aspen	ſ	Poletimb	er Well	l 19.5	32	81-110	N/A	4	The stand is a mixture of uplands and lowlands with the uplands	
(Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size	making up about 75%. The stand was harvested in Secord Surrounded 73-054-91 which was completed in 1994. There is	
	Red Maple	10	Pole	4		Commo	on Blackberry	Low	5 - 10 feet	5 - 10 feet	significant birch along the trail. There are some opening at the	
	Paper Birch	15	Log	3		•		,			southeast end.	
Е	Bigtooth Aspen	50	Sapling	5	32							
Black	k/Red (Hybrid) Oak	5	Pole	3								
	Quaking Aspen	20	Sapling	5								

Stand	Level 4 C	over Type		Size De	ensity	Acres	Stand Age B	A Range	Managed S	Site	General Comments
232	6113 - Lo	wland Mapl	e	Sawtimb	er Poor	10.5	99	1-50	N/A	4	The stand is variable with pockets of cattails and areas of dense
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	swamp hardwoods. It is very wet, and the terrain is hummocky. The ash component is dead leaving the maple sawlog overstory and the
	Red Maple	100		12	99	Ta	ag Alder	Medium	5 - 10 feet	5 - 10 feet	maple sapling to become the canopy. The crown closure is now
					'	Re	d Maple	Medium	Variable	Variable	around 35%.
						Decidu	uous Shrubs	Medium	5 - 10 feet	5 - 10 feet	
233	4130	- Aspen	F	Poletimbe	r Mediu	m 7.5	54	51-80	N/A	Α	The stand is a mixture of upland and lowland with the lowland making
	Canopy Species	% Cover	Size Class	DBI	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	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
	Paper Birch	10	Sapling	6		Ta	ag Alder	Low	5 - 10 feet	5 - 10 feet	crown closure is around 90%. The terrain is hummocky.
	Quaking Aspen	35		8	54	Servicebe	erry (Juneberry)	Low	5 - 10 feet	5 - 10 feet	, and the second
	Balsam Fir	10	Sapling	6		Re	d Maple	Low	Variable	Variable	
	Bigtooth Aspen	25		9						1	
	Red Maple	20	Seedling	6							
234	4130	- Aspen		Sapling	Medium	3.1	8 I	mmature	N/A	4	It was harvested in Wildwood Aspen 73-013-03 which was completed
	Canopy Species	% Cover	Size Class	DBI	l Age						in 2007. It was swapped for stand 228. The stand was harvested but the regeneration is poor and confined to the upland pockets. The
	Bigtooth Aspen	60	Log	1	8						terrain is hummocky. The crown closure is 15-100% with an average
	Paper Birch	30	Log	1							of 60%.
	Red Maple	10	Log	1							
235	4130	- Aspen		Poletimb	er Well	22.6	32	81-110	N/A	4	The stand was harvested in Secord Surrounded 73-054-91 which was
	Canopy Species	% Cover	Size Class	DBI	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	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
	White Pine	8	Sapling	6		Black/Re	d (Hybrid) Oak	Low	10 - 20 feet	10 - 20 feet	concentrated on the lower ground and along the trail. There is a trace
	Balsam Fir	2	Pole	4		Decidu	lous Shrubs	Medium	5 - 10 feet	5 - 10 feet	of white pine and fir in the overstory and understory.
	Red Maple	10	Sapling	5							-
	Quaking Aspen	30	Sapling	6	32						
	Paper Birch	10	Sapling	5							
	Bigtooth Aspen	40	Sapling	6	32						
236	4130	- Aspen		Saplin	g Well	25.8	18 I	mmature	N/A	4	The stand was harvested in Wildwood Aspen 73-013-03 which was
	Canopy Species	% Cover	Size Class	s DBI	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	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
Blad	ck/Red (Hybrid) Oak	5	Log	1		Decidu	uous Shrubs	Medium	5 - 10 feet	5 - 10 feet	swamp hardwood that was thinned in the stand. However, the area is
	Green Ash	5	Log	1							not of sufficient size to be its own stand. The crown closure is now
	Red Maple	15	Log	1							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
	Bigtooth Aspen	15	Log	2	18						are also inclusions of cattails and marsh grass.

Quaking Aspen

60

Log

2 18

Compartment: 46

Stand Level 4 Cover Type 6112 - Lowland Aspen	Size De	nsity	Acres	Stand Age B	A Range	Managed Site		General Comments			
237	6112 - Lov	vland Aspei	n P	oletimb	er Well	32.4	41	81-110	N/A	١	It was harvested in Wildwood Secord Aspen 73-058-92 which was
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	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
	Green Ash	5	Log	3		Musclewo	ood/Hornbeam	Low	10 - 20 feet	10 - 20 feet	3 inches or more in diameter. There is still a significant amount of as
	Quaking Aspen	80	Seedling	7	41	Decidu	ious Shrubs	Medium	5 - 10 feet	5 - 10 feet	regeneration. The stand is a mix of uplands and lowland at about a
	Paper Birch	5	Sapling	5		Та	g Alder	Medium	5 - 10 feet	5 - 10 feet	40/60 mix.
	Red Maple	10	Sapling	6		Wh	nite Pine	Low	Variable	Variable	
						Re	d Maple	Medium	Variable	Variable	
						Gre	een Ash	Low	10 - 20 feet	10 - 20 feet	
238	6119 - Mixed Lowla	nd Deciduc	ous Forest S	Sapling N	/ledium	9.3	32	51-80	N/A	\	The stand was harvested in Secord Surrounded 73-054-91 Which wa
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	completed in 1994. The stand is a matrix of uplands and lowlands wit the lowlands making up about 40%. The stand has a slight ridge
	Red Maple	15	Log	2		Decidu	ious Shrubs	High	5 - 10 feet	5 - 10 feet	through the center. The aspen is mainly in the eastern end of the
	Balsam Fir	10	Pole	3		Та	ig Alder	Medium	5 - 10 feet	5 - 10 feet	stand. The stand has a crown closure of around 75%.
	Quaking Aspen	35	Pole	4	32						_
	Paper Birch	35	Pole	3							
Mus	clewood/Hornbeam	2	Log	2							
S	wamp White Oak	3	Log	2							
239	6113 - Lov	vland Maple	e Sa		Mediun	n 17.4	78	1-50	N/A	\	
239	6113 - Lov		e Sa Size Class	wtimber	Mediun Age		78	1-50 Density	N/A	Size	Ash is dead and down. The aspen is also declining. The crown closure is around 30%.
239				wtimber		Sub-Car					
	Canopy Species	% Cover		wtimber DBH	Age	Sub-Car Re	nopy Species	Density	Avg. Height	Size	
	Canopy Species Red Maple	% Cover 85		wtimber DBH	Age	Sub-Car Re	nopy Species d Maple	Density Medium	Avg. Height Variable	Size Variable	
	Canopy Species Red Maple ck/Red (Hybrid) Oak	% Cover 85 8	Size Class	wtimber DBH 11 13	Age	Sub-Car Re Gre Bla	nopy Species d Maple een Ash	Density Medium High	Avg. Height Variable 5 - 10 feet	Size Variable 5 - 10 feet	
	Canopy Species Red Maple ck/Red (Hybrid) Oak Paper Birch Quaking Aspen 6131 - Hemlock, N	% Cover 85 8 2 5	Size Class Sapling	wtimber DBH 11 13 5	Age 78	Sub-Car Re Gre Bla	nopy Species d Maple een Ash ack Ash ious Shrubs	Medium High Low	Avg. Height Variable 5 - 10 feet 5 - 10 feet	Size Variable 5 - 10 feet 5 - 10 feet 5 - 10 feet	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
Blad	Canopy Species Red Maple ck/Red (Hybrid) Oak Paper Birch Quaking Aspen 6131 - Hemlock, N	% Cover 85 8 2 5 White Pine, irch	Size Class Sapling	wtimber DBH 11 13 5 12 Sawtimb	Age 78	Sub-Cai Re Gre Bla Decidu	nopy Species d Maple een Ash ack Ash ious Shrubs	Density Medium High Low High	Avg. Height Variable 5 - 10 feet 5 - 10 feet 5 - 10 feet	Size Variable 5 - 10 feet 5 - 10 feet 5 - 10 feet	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 gentle slope. There are numerous springs coming out of the steep
Blad	Canopy Species Red Maple ck/Red (Hybrid) Oak Paper Birch Quaking Aspen 6131 - Hemlock, N	% Cover 85 8 2 5 White Pine, irch	Sapling Maple, S	wtimber DBH 11 13 5 12 Sawtimb	Age 78 er Well	Sub-Car Rec Gre Bla Decidu 5.6	nopy Species d Maple een Ash ack Ash uous Shrubs	Density Medium High Low High 81-110	Avg. Height Variable 5 - 10 feet 5 - 10 feet 5 - 10 feet N/A	Size Variable 5 - 10 feet 5 - 10 feet 5 - 10 feet	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
Blad	Canopy Species Red Maple ck/Red (Hybrid) Oak Paper Birch Quaking Aspen 6131 - Hemlock, 1 B Canopy Species	% Cover 85 8 2 5 White Pine, irch % Cover	Sapling Maple, S	wtimber DBH 11 13 5 12 Sawtimb	Age 78 er Well	Sub-Car Red Gree Bla Decidu 5.6 Sub-Car	nopy Species d Maple een Ash ack Ash ack Shrubs 111 nopy Species	Density Medium High Low High 81-110 Density	Avg. Height Variable 5 - 10 feet 5 - 10 feet 5 - 10 feet N/A Avg. Height	Size	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 gentle slope. There are numerous springs coming out of the steep
Blad	Canopy Species Red Maple ck/Red (Hybrid) Oak Paper Birch Quaking Aspen 6131 - Hemlock, B Canopy Species White Pine	% Cover 85 8 2 5	Sapling Maple, S	wtimber DBH 11 13 5 12 Sawtimb DBH 13	Age 78 er Well	Sub-Car Red Gree Bla Decidu 5.6 Sub-Car	nopy Species d Maple een Ash ack Ash ack Shrubs 111 nopy Species nite Pine	Density Medium High Low High 81-110 Density Low	Avg. Height Variable 5 - 10 feet 5 - 10 feet 5 - 10 feet N/A Avg. Height 10 - 20 feet	Size	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 gentle slope. There are numerous springs coming out of the steep
Blad	Canopy Species Red Maple ck/Red (Hybrid) Oak Paper Birch Quaking Aspen 6131 - Hemlock, B Canopy Species White Pine Tamarack	% Cover 85 8 2 5	Sapling Maple, S Size Class Seedling	wtimber DBH 11 13 5 12 Sawtimb DBH 13 10	er Well	Sub-Car Red Gree Bla Decidu 5.6 Sub-Car	nopy Species d Maple een Ash ack Ash ack Shrubs 111 nopy Species nite Pine	Density Medium High Low High 81-110 Density Low	Avg. Height Variable 5 - 10 feet 5 - 10 feet 5 - 10 feet N/A Avg. Height 10 - 20 feet	Size Variable 5 - 10 feet 5 - 10 feet 5 - 10 feet Size 10 - 20 feet >20 feet	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 gentle slope. There are numerous springs coming out of the steep bank so on the whole the stand is quite wet. The crown closure is around 40% overall, but ranges from 10 to
8lac	Canopy Species Red Maple ck/Red (Hybrid) Oak Paper Birch Quaking Aspen 6131 - Hemlock, N B Canopy Species White Pine Tamarack Paper Birch	% Cover 85 8 2 5	Sapling Maple, S Size Class Seedling	### With ber ### ### ### ### ### ### ### ### ### #	er Well	Sub-Car Rec Gre Bla Decidu 5.6 Sub-Car Wh Rec	nopy Species d Maple een Ash ack Ash ious Shrubs 111 nopy Species nite Pine d Maple	Density Medium High Low High 81-110 Density Low Low	Avg. Height Variable 5 - 10 feet 5 - 10 feet 5 - 10 feet N/A Avg. Height 10 - 20 feet >20 feet	Size Variable 5 - 10 feet 5 - 10 feet 5 - 10 feet Size 10 - 20 feet >20 feet	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 gentle slope. There are numerous springs coming out of the steep bank so on the whole the stand is quite wet. The crown closure is around 40% overall, but ranges from 10 to 100%. There is some mortality in the overstory across all species.
8lac	Canopy Species Red Maple ck/Red (Hybrid) Oak Paper Birch Quaking Aspen 6131 - Hemlock, N B Canopy Species White Pine Tamarack Paper Birch 42310 - Pla	% Cover 85 8 2 5	Size Class Sapling Maple, S Size Class Seedling	### With ber ### ### ### ### ### ### ### ### ### #	er Well Age 111 er Poor	Sub-Car Red Gree Bla Decidu 5.6 Sub-Car Wh Red 185.9	nopy Species d Maple een Ash ack Ash ack Shrubs 111 nopy Species nite Pine d Maple	Density Medium High Low High 81-110 Density Low Low 1-50	Avg. Height Variable 5 - 10 feet 5 - 10 feet 5 - 10 feet N/A Avg. Height 10 - 20 feet >20 feet	Size Variable 5 - 10 feet 5 - 10 feet 5 - 10 feet 5 - 20 feet 7 - 20 feet >20 feet	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 gentle slope. There are numerous springs coming out of the steep bank so on the whole the stand is quite wet. The crown closure is around 40% overall, but ranges from 10 to 100%. There is some mortality in the overstory across all species.
8lac	Canopy Species Red Maple ck/Red (Hybrid) Oak Paper Birch Quaking Aspen 6131 - Hemlock, 8 Canopy Species White Pine Tamarack Paper Birch 42310 - Pla	% Cover 85 8 2 5 5 White Pine, irch 30 20 5	Size Class Sapling Maple, S Size Class Seedling	### With ber ### ### ### ### ### ### ### ### ### #	er Well Age 111 er Poor Age	Sub-Car Red Gree Bla Decidu 5.6 Sub-Car Wh Red 185.9 Sub-Car Bigton	nopy Species d Maple een Ash ack Ash ack Shrubs 111 nopy Species nite Pine d Maple 62 nopy Species	Density Medium High Low High 81-110 Density Low Low 1-50 Density	Avg. Height Variable 5 - 10 feet 5 - 10 feet 5 - 10 feet N/A Avg. Height 10 - 20 feet >20 feet	Size	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 gentle slope. There are numerous springs coming out of the steep bank so on the whole the stand is quite wet. 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
241 242	Canopy Species Red Maple ck/Red (Hybrid) Oak Paper Birch Quaking Aspen 6131 - Hemlock, B Canopy Species White Pine Tamarack Paper Birch 42310 - Pla Canopy Species White Spruce	% Cover 85 8 2 5 5	Size Class Sapling Maple, S Size Class Seedling See P Size Class	### With ber ### ### ### ### ### ### ### ### ### #	er Well Age 111 er Poor Age	Sub-Car Rec Bla Decidu 5.6 Sub-Car Wh Rec 185.9 Sub-Car Bigtor Black/Rec	nopy Species d Maple een Ash ack Ash ack Ash ack Prubs 111 nopy Species nite Pine d Maple 62 nopy Species oth Aspen	Density Medium High Low High 81-110 Density Low Low 1-50 Density Medium	Avg. Height Variable 5 - 10 feet 5 - 10 feet 5 - 10 feet N/A Avg. Height 10 - 20 feet >20 feet N/A Avg. Height 5 - 10 feet	Size Variable 5 - 10 feet 5 - 10 feet 5 - 10 feet 7 - 10 feet 7 - 20 feet >20 feet >20 feet 5 - 10 feet	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 gentle slope. There are numerous springs coming out of the steep bank so on the whole the stand is quite wet. 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

Compartment: 46

Gladwin Mgt. Unit Report 7 - Stands

Stand	Level 4 Co	over Type		Size De	nsity	Acres	Stand Age E	BA Range	Managed S	Site	General Comments
243	4191 - Mixed Upla Co	nd Decidu nifer	ous with	Poletimb	er Well	25.4	42	81-110	N/A	A	The stand has some mortality in the oak and fir. There is a lot of ster breakage in the jack pine mainly at galls. The spruce is heavier west
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	of the road and jack pine to the east. The open areas have significant regeneration heavy to oak and pine. The crown closure goes from 30
Blad	ck/Red (Hybrid) Oak	30		6	42	Black/Re	d (Hybrid) Oak	Medium	< 5 feet	< 5 feet	to 100% but averages 75%.
	Bigtooth Aspen	30	Sapling	6	42	WI	nite Oak	Low	< 5 feet	< 5 feet	
	White Oak	5	Sapling	5		WI	nite Pine	Low	5 - 10 feet	5 - 10 feet	
	White Spruce	10	Sapling	6		R	ed Pine	Low	5 - 10 feet	5 - 10 feet	
	Jack Pine	10		6	42			1			
245	4131 - A	spen, Oak		Sapling	Well	64.0	19	Immature	N/A	4	The stand was harvested in Secord Ending 73-033-02 which was
	Canopy Species	% Cover	Size Class	DBH	Age						completed in 2006. It is regenerating well and filling in with jack pine The crown closure goes from 65 to 100%.
Blad	ck/Red (Hybrid) Oak	30	Log	2							3
	Jack Pine	15	Log	2							
	Bigtooth Aspen	50	Log	3	19						
	White Oak	5	Log	2							
247	4130 -	Aspen		Poletimb	er Well	15.5	33	Immature	N/A	4	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
Blad	ck/Red (Hybrid) Oak	5	Pole	4		Re	d Maple	Low	5 - 10 feet	5 - 10 feet	
	Quaking Aspen	20	Sapling	5	33	Black/Re	d (Hybrid) Oak	Low	5 - 10 feet	5 - 10 feet	
	White Oak	5	Sapling	6		WI	hite Oak	Low	5 - 10 feet	5 - 10 feet	
	White Pine	5	Pole	4							
	Bigtooth Aspen	60	Sapling	5	33						
	Jack Pine	5	Sapling	5							
248	4199 - Other Mixed	d Upland D	eciduous	Sapling N	1edium	39.9	14	Immature	N/A	4	Timber sale was completed November 3, 2011, in sale USA Jack Pir
	Canopy Species	% Cover	Size Class	DBH	Age						73-013-11. There are some standing older oak poles that helped increase the DBH average of 2 inches. The crown closure goes from
	Red Pine	3		2							50-100% and averages 65%. The aspen goes from bigtooth aspen i
Blad	ck/Red (Hybrid) Oak	35	Pole	2	14						the south and quaking aspen in the north. The site index gets lower
	White Pine	3	Pole	2							going north. The wetness also increases going north.
	Jack Pine	6	Log	2							
	Quaking Aspen	8	Log	2							
	White Oak	15		2							
	Bigtooth Aspen	30	Log	2							
249	4131 - A	spen, Oak		Sapling		13.4	33	1-50	N/A	4	The stand has some overstory of mast oak. It has some small wet areas. The aspen is mainly in the west end and is heavier to bigtooth
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	aspen. The east end is heavier to oak.
	Bigtooth Aspen	50	Sapling	5	33	Black/Re	d (Hybrid) Oak	High	10 - 20 feet	10 - 20 feet	
	White Oak	15	Pole	4		WI	nite Pine	Full	10 - 20 feet	10 - 20 feet	
	ck/Red (Hybrid) Oak	25	Pole	4		\//I	nite Oak	Medium	10 - 20 feet	10 - 20 feet	
Blad	bitited (Hybrid) Oak	20	Sapling	7		***	into Oak	Modium	10 20 1001	10 20 1001	<u> </u>

Compartment: 46

Stand Level 4 C	over Type		Size De	nsity	Acres	Stand Age B	A Range	Managed S	iite	General Comments
251 4199 - Other Mixe	ed Upland D	eciduous	Sapling	y Well	10.6	19 I	mmature	N/A	\	The stand was harvested in Secord Ending 73-033-02 which was
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	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
Bigtooth Aspen	35	Log	3	19	Re	d Maple	Low	5 - 10 feet	5 - 10 feet	white oak and the north end has more hybrid oak. The crown closure
Black/Red (Hybrid) Oak	30	Log	3		Wh	nite Oak	Full	5 - 10 feet	5 - 10 feet	goes from 60-100% but averages 80%.
Red Maple	5	Log	2		Black/Red	d (Hybrid) Oak	Medium	5 - 10 feet	5 - 10 feet	
White Oak	20	Pole	4							-
Jack Pine	10	Log	3							
252 4131 - A	Aspen, Oak		Poletimb	er Well	30.6	33	1-50	N/A	1	The Ground cover is heavy to bracken fern. The terrain is hummocky.
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	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
Red Maple	10	Pole	4		Wh	nite Oak	Low	10 - 20 feet	10 - 20 feet	greater amount of jack pine and oak going east.
Jack Pine	2	Pole	4		Re	d Maple	Medium	10 - 20 feet	10 - 20 feet	
Bigtooth Aspen	55	Sapling	5	33	Black/Red	d (Hybrid) Oak	Medium	10 - 20 feet	10 - 20 feet	
White Oak	3	Pole	3					ı	ı	
Quaking Aspen	10	Sapling	5							
Black/Red (Hybrid) Oak	20	Pole	3							
253 4130	- Aspen		Sapling N	Лedium	26.8	6 I	mmature	N/A	\	The stand was harvested under contract 73-010-17, Spring Fawn Mix
Canopy Species	% Cover	Size Class	DBH	Age						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
Quaking Aspen	10	Log	1	6						years.
Bigtooth Aspen	55	Log	1	6						
Red Maple	20	Log	1	6						
Black/Red (Hybrid) Oak	15	Log	1	6						
254 6229 - Mixed	Lowland S	hrub	Nor	ne	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 - Blad	ck, N. Pin O	ak	Sapling	Poor	11.4	5 I	mmature	N/A	1	This is a low wet stand. It was harvested in Cook's Camp Pine sale 73-
Canopy Species	% Cover	Size Class	DBH	Age						004-17, which was completed in December 2020. The oak regeneration is coming in, but it is not established. Overall, the crown
Red Pine	5		8							closure is around 50%.
Tamarack	30	Sapling	5							
Black/Red (Hybrid) Oak	65	Log	1	5						
257 4199 - Other Mixe	d Upland D	eciduous	Poletimb	er Well	21.3	38	51-80	N/A	١	The stand was harvested in Hi-Point 73-027-84 which was completed
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	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
Jack Pine	5	Sapling	6		Ja	ck Pine	Low	5 - 10 feet	5 - 10 feet	oak and jack pine. It appears when the stand was harvested it was a
Black/Red (Hybrid) Oak	55	Sapling	6	38	Black/Red	d (Hybrid) Oak	Low	5 - 10 feet	5 - 10 feet	4" DBH cut leaving some oak and other species. Overall, the stand is
Red Maple	10	Pole	4		Re	d Maple	Low	10 - 20 feet	10 - 20 feet	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
Quaking Aspen	10	Sapling	5							noted that the diameter of the trees increases a little going north in the

Bigtooth Aspen

20

Sapling

38

stand.

Compartment: 46

Gladwin Mgt. Unit Report 7 - Stands

Stand Level 4 Co		adwin wig	i. Omi			Nopore 7 Otalias					Year of Entry: 2027	
Stand	Level 4 Co	ver Type		Size De	ensity	Acres	Stand Age E	BA Range	Managed S	ite	General Comments	
259	6126 - Lowla	nd Jack Pi	ne	Sapling l	Medium	27.0	27	Immature	N/A	<u>.</u>	Lowland jack pine. Numerous small boggy areas; leather leaf, peat	
C	anopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	moss, lowland brush.	
Black/l	Red (Hybrid) Oak	25	Log	3		Shee	ep Laurel	High	< 5 feet	< 5 feet		
	Jack Pine	75	Pole	4	27	Lea	therleaf	Medium	< 5 feet	< 5 feet		
						Huc	kleberry	High	< 5 feet	< 5 feet		
260	4130 -	Aspen		Saplin	g Well	24.1	27	Immature	N/A	1	The stand was harvested in Bumpy Road Access 73-009-92 which	
C	anopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	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	
Biç	gtooth Aspen	65	Pole	4	27	Wh	ite Oak	Low	5 - 10 feet	5 - 10 feet	throughout the stand, but the majority is upland.	
1	White Pine	5	Sapling	5		Black/Red	l (Hybrid) Oak	Low	5 - 10 feet	5 - 10 feet		
,	White Oak	8	Log	3							_	
Black/l	Red (Hybrid) Oak	10	Log	3								
	Jack Pine	12	Pole	3								
261	4311 - Pine	, Aspen M	x	Poletimb	er Well	21.8	51	51-80	N/A		The stand has decent jack pine with aspen coming through the conife crown. The ridge has oak saw on it.	
Ci	anopy Species	% Cover	Size Class	DBH	l Age						Crown. The huge has oak saw on it.	
	Jack Pine	50	Sapling	6	51							
Biç	gtooth Aspen	25	Sapling	6								
Black/l	Red (Hybrid) Oak	15		7								
ı	Red Maple	10		7								
262	6126 - Lowla	nd Jack Pi	ne	Poletimb	er Well	17.9	55	51-80	N/A	,	The terrain in the stand is hummocky and the soils are wet. The	
C	anopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	ground cover is a mix of bracken fern, sheep laurel, and huckleberry. The stand is boggy.	
Black/	Red (Hybrid) Oak	5	Sapling	6		Tar	marack	Medium	5 - 10 feet	5 - 10 feet	337	
	Jack Pine	80	Sapling	6	55	Jac	ck Pine	Low	5 - 10 feet	5 - 10 feet		
	Tamarack	5	Pole	3								
	Red Maple	10	Sapling	7								
263	4130 -	Aspen		Poletimb	er Well	6.4	35 L	Inspecified	N/A	1	This is a well-stocked stand just coming into poles. The species mix	
Ci	anopy Species	% Cover	Size Class	DBH	l Age						is oak, jack pine, and maple. The crown closure is around 75%.	
Qu	uaking Aspen	15		6	35							
	Red Maple	7	Sapling	7								
	Jack Pine	8	Sapling	5								
Biç	gtooth Aspen	65		6	35							
Black/F	Red (Hybrid) Oak	5		8								
264	6126 - Lowla	nd Jack Pi	ne	Sapling I		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	
	anopy Species		Size Class		l Age		opy Species		Avg. Height	Size	The jack pine looks healthy and vigorous.	
	Jack Pine	80	Log	3	15		therleaf	High	< 5 feet	< 5 feet		
ſ	Red Maple	3	Log	2		Shee	ep Laurel	Medium	< 5 feet	< 5 feet		
							p Laurer	Modium	1000	\ 0 100t	₫	
	Tamarack Red Pine	15	Log Log	2			p Laurer	Woodalli	101000	101001	1	

Stand **Level 4 Cover Type** Size Density **General Comments** Acres Stand Age BA Range Managed Site 42220 - Natural Jack Pine Poletimber Well 26.5 38 81-110 N/A The terrain is hummocky, and it is a mixture of uplands and lowlands. 265 The mix is about 50/50. A few small pockets of the stand are more **DBH Age** Size **Canopy Species** % Cover Size Class **Sub-Canopy Species** Density Ava. Height mature jack pine and aspen. However, these are too small in acreage Jack Pine 60 8 38 Red Maple Low >20 feet >20 feet or BA to be standalone sale units. Recommend harvest entire stand once all the jack pine reaches maturity at 60 years of age. 10 6 5 - 10 feet 5 - 10 feet Black/Red (Hvbrid) Oak Tamarack Medium Red Maple 15 8 White Oak Full 5 - 10 feet 5 - 10 feet 2 10 Medium < 5 feet White Oak Leatherleaf < 5 feet 10 6 Tamarack Sapling 3 12 Red Pine 266 4222 - Natural Jack Pine Unspecifed 8.0 19 The stand was harvested in Secord Ending 73-033-02 which was completed in 2006. Overall, the stand is poorly stocked and is too wet to trench and plant. It is however, seeding in with jack pine and birch. The stand is getting closer to being medium stocked. 6121 - Tamarack 6.2 45 268 Poletimber Poor 111-140 N/A The stand is too wet to harvest overall. It does have some upland ridges and islands. The main ridge is along the north line and the **Canopy Species** Size Class **DBH Age** Size % Cover **Sub-Canopy Species** Density Avg. Height islands are scattered. The uplands are heavy to pole/saw red pine. Red Pine 30 10 Tamarack 10 - 20 feet 10 - 20 feet Hiah 60 7 Tamarack 45 Red Maple High 10 - 20 feet 10 - 20 feet Sapling 10 8 Jack Pine Tag Alder High 5 - 10 feet 5 - 10 feet 6233 - Wet Meadow None 36.6 No The stand is mainly a sedge meadow with pockets of leather leaf and 269 blueberry. There are also some scattered tamarack, jack pine, and Size **Sub-Canopy Species** Density Avg. Height red pine. These are often in small islands. 5 - 10 feet Blueberry/Bilberry/Cranberry Hiah 5 - 10 feet Leatherleaf High 5 - 10 feet 5 - 10 feet Red Pine Trace 5 - 10 feet 5 - 10 feet **Tamarack** Trace 5 - 10 feet 5 - 10 feet Jack Pine Low 5 - 10 feet 5 - 10 feet 6126 - Lowland Jack Pine 70 Poletimber Medium 22 1 1-50 N/A This stand has well stocked islands of jack pine with the ground cover 270 of blueberry and leather leaf surrounded by marsh. The overstory in **DBH Age Sub-Canopy Species Canopy Species** % Cover Size Class Density Avg. Height Size many places is dying and being replaced with tamarack. Factor limit Jack Pine 80 8 70 Blueberry/Bilberry/Cranberry High 5 - 10 feet 5 - 10 feet the stand as Too wet. Tamarack 20 Sapling 5 Leatherleaf Full 5 - 10 feet 5 - 10 feet 271 4133 - Aspen, Mixed Pine Poletimber Medium 87 38 81-110 N/A The stand was harvested leaving mast oak and trees less than 4" DBH. It follows a wide upland sandy ridge. Currently the stand is a **Canopy Species** % Cover Size Class **DBH Age Sub-Canopy Species** Avg. Height Size Density mixture of aspen and oak regeneration with jack pine. The oak is Red Pine 5 Sapling 6 Red Pine Low 5 - 10 feet 5 - 10 feet more pronounced toward the north end and aspen in the south end. The aspen is a mixture of bigtooth and quaking. The overall crown 5 5 White Oak Sapling Black/Red (Hybrid) Oak Medium 5 - 10 feet 5 - 10 feet closure goes from 40-90% with an average of 60%. 5 Red Maple 5 White Oak 5 - 10 feet 5 - 10 feet Sapling Low 6 Black/Red (Hvbrid) Oak 25

15

45

6

6 38

Sapling

Sapling

Jack Pine

Bigtooth Aspen

Compartment: 46

Stand	tand Level 4 Cover Type			Size Density		Acres Stand Age BA		DA Kange	Managed Site		General Comments	
272	6126 - Lowland Jack Pine		ine	Poletimber Well		l 106.5	106.5 70		N/A		This stand is very wet. The red pine is growing on the slightly higher	
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	opy Specie	s Density	Avg. Height	Size	sandy ridges. The stand has small diameters with a ground cover of leather leaf and sphagnum. Overall, Factor limit the stand as Too wet	
	Jack Pine	90		7	70	Blueberry/Bi	lberry/Cranb	erry High	5 - 10 feet	5 - 10 feet	location four and opinagnami. Overall, it does minimate stand do not wet	
	Red Pine	10		11							ı	
273	42220 - Natu	ural Jack P	ine	Poletimb	er Wel	l 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	
	Canopy Species	% Cover	Size Class	DBH	I Age						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.	
Blad	ck/Red (Hybrid) Oak	8	Pole	4								
	White Oak	2	Pole	4								
	Jack Pine	90	Sapling	5	27							
274	42220 - Natu	ural Jack P	ine	Sapling Medium		n 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	
	Canopy Species		Size Class	DBH	I Age						leaf. The crown closure goes from 0-100% and averages 50%.	
Blad	ck/Red (Hybrid) Oak	25	Log	3	19						C C	
	Jack Pine	75	Pole	3	19							
275	613 - Lowland	d Mixed Fo	rest	Unspe	ecifed	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.	
											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.	
275	6128 - Lowland (Unspe			111	Immature 51-80	N/A		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. The stand is a Riparian buffer zone and wildlife travel corridor. There are large pockets of lowland conifer with alternate areas of	
	6128 - Lowland (Coniferous, duous		Sawtimb		r 38.4		51-80	N/A Avg. Height	Size	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. The stand is a Riparian buffer zone and wildlife travel corridor. There	
281	6128 - Lowland C Deci	Coniferous, duous	, Mixed	Sawtimb	er Poo	r 38.4 Sub-Car	111	51-80			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. The stand is a Riparian buffer zone and wildlife travel corridor. There are large pockets of lowland conifer with alternate areas of	
281	6128 - Lowland (Deci Canopy Species	Coniferous, duous % Cover	, Mixed	Sawtimb DBH	er Poo	r 38.4 Sub-Car Tag	111 nopy Specie	51-80 s Density	Avg. Height	Size	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. The stand is a Riparian buffer zone and wildlife travel corridor. There are large pockets of lowland conifer with alternate areas of	
281	6128 - Lowland (Deci Canopy Species orthern White Cedar	Coniferous, duous % Cover 15	, Mixed	Sawtimb DBH	er Poo	r 38.4 Sub-Car Tag	111 nopy Specie g Alder	51-80 S Density High	Avg. Height 5 - 10 feet	Size 5 - 10 feet	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. The stand is a Riparian buffer zone and wildlife travel corridor. There are large pockets of lowland conifer with alternate areas of	
281	6128 - Lowland O Deci Canopy Species orthern White Cedar White Pine	Coniferous, duous % Cover 15 25	, Mixed	Sawtimb DBH 8 18	er Pool	r 38.4 Sub-Car Tag	111 nopy Specie g Alder	51-80 S Density High	Avg. Height 5 - 10 feet	Size 5 - 10 feet	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. The stand is a Riparian buffer zone and wildlife travel corridor. There are large pockets of lowland conifer with alternate areas of	
281	6128 - Lowland C Decir Canopy Species orthern White Cedar White Pine Hemlock Red Maple	Coniferous, duous **Cover* 15	Mixed Size Class	Sawtimb DBH 8 18 9 9	er Pool	r 38.4 Sub-Car Tag Will	111 nopy Specie g Alder	51-80 S Density High	Avg. Height 5 - 10 feet	Size 5 - 10 feet 5 - 10 feet	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. 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.	
281	6128 - Lowland O Decides Canopy Species Orthern White Cedar White Pine Hemlock Red Maple 4130 - Canopy Species	Coniferous, duous **Cover* 15	Mixed Size Class	Sawtimb DBH 8 18 9 9 Poletimb DBH	er Pool	r 38.4 Sub-Car Tag Will I 6.0	111 nopy Specie g Alder ow spp.	51-80 S Density High Medium 51-80	Avg. Height 5 - 10 feet 5 - 10 feet	Size 5 - 10 feet 5 - 10 feet	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. 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.	
281	6128 - Lowland (Decident Canopy Species Orthern White Cedar White Pine Hemlock Red Maple	Coniferous, duous Cover 15 25 35 25 - Aspen Cover 3	Mixed Size Class	Sawtimb DBH 8 18 9 9 Poletimb DBH 3	er Pool	r 38.4 Sub-Car Tag Will I 6.0 Sub-Car	111 nopy Specie g Alder ow spp.	51-80 S Density High Medium 51-80 S Density	Avg. Height 5 - 10 feet 5 - 10 feet N/A	Size 5 - 10 feet 5 - 10 feet	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. 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.	
281 No	6128 - Lowland O Decides Canopy Species Orthern White Cedar White Pine Hemlock Red Maple 4130 - Canopy Species	Coniferous, duous Cover 15 25 35 25 - Aspen Cover	Mixed Size Class	Sawtimb DBH 8 18 9 9 Poletimb DBH 3 4	er Pool 1 Age 1111 Der Wel	Sub-Car Tag Will I 6.0 Sub-Car Black/Rec	111 nopy Specie g Alder ow spp. 34 nopy Specie I (Hybrid) Oa ite Oak	51-80 S Density High Medium 51-80 S Density	Avg. Height 5 - 10 feet 5 - 10 feet N/A Avg. Height 10 - 20 feet 10 - 20 feet	Size 5 - 10 feet 5 - 10 feet Size 10 - 20 feet 10 - 20 feet	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. 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.	
281 No	6128 - Lowland C Decir Canopy Species orthern White Cedar White Pine Hemlock Red Maple 4130 - Canopy Species Choke Cherry ck/Red (Hybrid) Oak Bigtooth Aspen	Coniferous, duous **Cover* 15	Size Class Size Class Log Pole Sapling	Sawtimb DBH 8 18 9 9 Poletimb DBH 3 4 6	er Pool	Sub-Car Tag Will I 6.0 Sub-Car Black/Rec Wh	111 popy Specie g Alder ow spp. 34 popy Specie I (Hybrid) Oa ite Oak pod (spp.)	51-80 S Density High Medium 51-80 S Density Medium	Avg. Height 5 - 10 feet 5 - 10 feet N/A Avg. Height 10 - 20 feet 10 - 20 feet 5 - 10 feet	Size 5 - 10 feet 5 - 10 feet Size 10 - 20 feet 10 - 20 feet 5 - 10 feet	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. 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.	
281 No	6128 - Lowland C Decir Canopy Species orthern White Cedar White Pine Hemlock Red Maple 4130 - Canopy Species Choke Cherry ck/Red (Hybrid) Oak	Coniferous, duous **Cover* 15	Size Class Size Class Log Pole	Sawtimb Sawtimb	er Pool 1 Age 1111 Der Wel	Sub-Car Tag Will I 6.0 Sub-Car Black/Rec Wh	111 nopy Specie g Alder ow spp. 34 nopy Specie I (Hybrid) Oa ite Oak	51-80 S Density High Medium 51-80 S Density Medium Full	Avg. Height 5 - 10 feet 5 - 10 feet N/A Avg. Height 10 - 20 feet 10 - 20 feet	Size 5 - 10 feet 5 - 10 feet Size 10 - 20 feet 10 - 20 feet	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. 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.	
281 No 282	6128 - Lowland C Decir Canopy Species orthern White Cedar White Pine Hemlock Red Maple 4130 - Canopy Species Choke Cherry ck/Red (Hybrid) Oak Bigtooth Aspen	Coniferous, duous **Cover* 15	Size Class Size Class Log Pole Sapling	Sawtimb DBH 8 18 9 9 Poletimb DBH 3 4 6	er Pool 1 Age 1111 Der Wel	Sub-Car Tag Will I 6.0 Sub-Car Black/Rec Wh Dogwo	111 popy Specie g Alder ow spp. 34 popy Specie I (Hybrid) Oa ite Oak pod (spp.)	51-80 S Density High Medium 51-80 S Density Ak Medium Full Low Low	Avg. Height 5 - 10 feet 5 - 10 feet N/A Avg. Height 10 - 20 feet 10 - 20 feet 5 - 10 feet	Size 5 - 10 feet 5 - 10 feet Size 10 - 20 feet 10 - 20 feet 5 - 10 feet	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. 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.	

Stand	Stand Level 4 Co			Size Density		Acres	Stand Age B	BA Range	Managed Site		General Comments	
283	4130 -	Aspen	Sapling W		g Well	15.6	24	Immature	N/A		The crown closure goes from 30 to 100% but averages around 60%.	
Ca	anopy Species	% Cover	Size Class	DBH	I Age	Sub-Car	nopy Species	Density	Avg. Height	Size	The stand is transitioning into poles.	
Big	gtooth Aspen	70	Pole	4	24	Black/Red	d (Hybrid) Oak	Medium	10 - 20 feet	10 - 20 feet		
F	Pin Cherry	5	Log	3		Wh	ite Oak	Low	5 - 10 feet	5 - 10 feet		
	Jack Pine	10	Pole	4		Re	ed Pine	Full	5 - 10 feet	5 - 10 feet		
Black/F	Red (Hybrid) Oak	15	Pole	3								
285	285 4131 - Aspen, Oak		Poletimber Well		28.7	28.7 28 1-50		N/A		The stand was harvested in the winter of 95/96 in Sterling Aspen sale		
Ca	anopy Species	% Cover	Size Class	Class DBH Age		Sub-Car	nopy Species	Density	Avg. Height	Size	73-013-94. It is mainly uplands. However, it gets noticeable wetter going north. The stand is now transitioning into poles. Beaver activity	
Qu	aking Aspen	20	Sapling	5		Servicebe	rry (Juneberry)) Medium	10 - 20 feet	10 - 20 feet	has converted the eastern edge to oak. There is paper birch in the	
F	Red Maple	5	Pole	4		Black/Red	d (Hybrid) Oak	Medium	10 - 20 feet	10 - 20 feet	stand is concentrated in the lower wetter ground along with tag alder. There is significant pine in the south end.	
Big	gtooth Aspen	50	Sapling	6	28	Re	d Maple	High	10 - 20 feet	10 - 20 feet		
P	Paper Birch	5	Pole	3								
Black/F	Red (Hybrid) Oak	15	Pole	3								
\	White Oak	5	Pole	3								
287	4130 -	- Aspen Sapling Medium		n 25.2 6 Immature			N/A		The stand is a mixture of bigtooth and quaking aspen. It is a matrix of			
Ca	anopy Species	% Cover Size Class DBH Age			l Age						uplands and lowlands with the uplands being the majority. The stand was harvested in Two Jake Aspen sale 73-017-17 which was cut	
Qu	aking Aspen	55	Log	1	6						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%.	
Αι	ustrian Pine	5	Log	1								
Big	gtooth Aspen	25	Log	1								
Black/F	Red (Hybrid) Oak	15	Log	1								
289	6113 - Low	land Maple	Poletimber Mediur			ım 14.3 44 51-80		N/A		The stand is a matrix of uplands and lowlands with the lowlands being		
Ca	anopy Species	% Cover	Size Class	DBH	l Age			the majority. The tree density is variable going from well stocked to non-stocked. The stand is moving into poles. The central portion of				
F	Red Maple	60		8	44	Decidu	ous Shrubs	High	5 - 10 feet	5 - 10 feet	the stand is more of a lowland shrub type.	
Black/F	Red (Hybrid) Oak	20		8								
Big	gtooth Aspen	5		9								
Qu	aking Aspen	10		9								
P	Paper Birch	5	Pole	4								
291 4	1199 - Other Mixed	d Upland Deciduous Sapling Well		12.9 17 Immatu		Immature	e N/A		The stand was final harvested in 2007. It is a matrix of uplands and			
Ca	anopy Species	% Cover	Size Class	DBH	I Age						lowlands with the uplands being the majority. There is a ridge that runs through the stand. The regeneration is not uniformly distributed.	
Big	gtooth Aspen	15	Log	3	17						When it was harvested the oak and some of the red and white pines were retained.	
	Red Pine	2		12								
\	White Pine	8		9								
Qu	aking Aspen	20	Log	3	17							
_												
P	Paper Birch	15	Log	3								

Stand Level	Cover Type	Size Density			Acres Stand Age	Managed Site		General Comments	
294 4131	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
Canopy Specie	s % Cover	Size Class	DBH Age		Sub-Canopy Species	Density	Avg. Height	Size	completed in 1986. It is mainly uplands with some small inclusion of lowlands. The density is variable and goes from high density in the
Red Maple	3		8		Red Maple	Medium	10 - 20 feet	10 - 20 feet	east to moderate to low density to the west. The stand is more aspen
Black/Red (Hybrid) C	ak 50	Sapling	7	38	White Oak	Low	10 - 20 feet	10 - 20 feet	east and more oak west. There is a drainage flowing through the
Quaking Aspen	25	Sapling	7	38	Tag Alder	Low	5 - 10 feet 5 - 10 feet		stand that is too wet to harvest.
White Oak	2	Sapling	7				1	1	
Paper Birch	5	Sapling	6						
Bigtooth Aspen	15	Seedling	8	38					
295 41	30 - Aspen	S	apling Medium		71.6 6	Immature	N/A		The stand was harvested in Two Jake Aspen sale 73-017-17 which
Canopy Specie	s % Cover	Size Class	DBH Age						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
Quaking Aspen	60	Log	1	6					established. The retained birch is 95% dead. The retained white pine
Black/Red (Hybrid) C	ak 5	Log	1						in the southern end. The crown closure goes from 5-100% and
Red Maple	5	Log	1						averages around 70%. It is expected to be fully stocked in 10 years. There are several drainages going through the stand.
Bigtooth Aspen	20	Log	1	6					There are several drainages going through the stand.
White Pine	10	Sapling	5						