

Compartment Review Presentation

Atlanta Forest Management Unit Compartment 54176 Entry Year 2024 Acreage: 1,842 County Cheboygan Management Area: Cheboygan Basin Moraines

Stand Examiner: Tricia St. Pierre

Legal Description:

Cheboygan County, Grant Township T36N R01E Sections 10: NE, NESE 11: all 13: all except S1/2SE 14: E1/2 except southwest corner of SWSE, NW except portion lying westerly of Doriva Beach Road in the NWNW.

Identified Planning Goals:

Management goals aim to provide for the protection, integrated management, and responsible use of a leahty, productive, and undiminished forest resource base for the social, recreational, environmental, and economic benefit of the State of Michigan and its residents. Forest management prescribed will increase vigor in residual trees, regenerate aging and declining timber types, and continue to diversity red pine age classes. Management has been designed with consideration for recreational uses within the Black Mountain Recreation Trails.

Soil and topography:

Soils are dominated by sands supporting PArVHa and PArVVb Kotar Habitat Types. PArVVb, PArVCo, AFO, and unclassified lowland habitat types are present but to a lesser extent.

Sandy soils make up over 99% of the compartment: 85% sand, 12% loamy sand, and 2% mucky sand. The remaining 1% of soils are peat (.9%) and muck (.1%). The sand types are very well drained and have more than 80" to the water table, except for Cheboygan loamy sand with 0-6% slopes, whose depth to the water table is 24-36"; Riggsville loamy sand with a depth of 12-24"; and Au Gres sand with 6-18" to the water table.

Au Gres sands tend to support a greater diversity of plants, likely because they're the most poorly drained of these sands and have less depth to the water table. Au Gres sand are also prone to seasonal flooding. This makes the Au Gres sands more diverse and capable of supporting less drought tolerant species, such as hemlock. The loamy sands also have greater species richness and a propensity for seasonal flooding.

The muck and peat found in this compartment support lowland species such as cedar, spruce, and hemlock and are very minor components of the covertypes. These types are saturated and seasonally or continuously flooded.

The only AFO habitat types found in the region are associated with Cheboygan and Blue Lake Loamy Sand and have the highest stocking of northern hardwood (sugar maple, ironwood, beech, and white ash) than anywhere else in the compartment. This is such a minor component that it should be managed in a means that will perpetuate the presence of northern hardwood therein.

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

Ownership to the south and west is mostly private residential. To the north and east, most compartment boundaries abut other state forest land, with the exception of a landlocked private 80 acres in the southeast and private ownership on the far northwest edge. Farming and private forests on larger tracts of land are present to the west. Smaller lots and much denser residential development occupy the shore line of Black Lake and a few parcelized roads. Land use within the compartment is largely recreational with many motorized and non-motorized trails and easy accessibility for hunting.

Unique Natural Features:

There are no known occurrences of protected species within this compartment, though there are overlapping potential occurrence polygons for terrestrial species, including Hill's Thistle (Cirsium hillii, Special Concern), Wood turtle (Glyptemys insculpta (Special Concern), Red-shouldered hawk (Buteo lineatus, Threatened).

Unique when considering the dominant covertypes for this compartment, the inclusion of hemlock and cedar are notable. Lowland-associated plants and animals are a rarity within this compartment and should be mindfully considered when recommending forest management activities.

There's also a notable component of natural red and white pine across the compartment, some of which meets legacy tree criteria. These trees, especially those meeting legacy tree criteria, should be recognized and protected as directed through DNR policy.

Archeological, Historical, and Cultural Features:

There are no known Historical, Cultural, or Archaeological sites within this compartment, though the potential exists.

Special Management Designations or Considerations:

The Black Mountain Recreation Area is a high-intensity recreation area with many opportunities for motorized and nonmotorized trail users.

The Red Pine Project, published in 2017, aims to establish red pine plantations for continuous commercial availability into the future. Specific acreage goals for thinning, final harvesting, and replanting will be guided with direction from the Regional State Forest Management Plan.

Watershed and Fisheries Considerations:

This compartment falls within the Black Lake Watershed, known for its diversity of fishery resources, aesthetics, and recreational opportunities. There is very little surface water within the compartment and none capable of supporting yearround aquatic populations. All management considerations have been made with Best Management Practices in mind to preserve and protect the fisheries resources within and around this compartment.

Wildlife Habitat Considerations:

Featured species in this compartment include ruffed grouse, American woodcock, white-tailed deer, and black bear. Multiple other species utilize these covertypes for habitat as well, including bald eagle, northern goshawk, great-horned owl, passerines, reptiles, and amphibians. All management recommendations have been made with consideration for enhancement or minimal impact to the wildlife herein.

Mineral Resource and Development Concerns and/or Restrictions

Sections 10-11 & 13-14, T36N-R1E, Cheboygan County

The State-owned Doriva Beach Road sand/gravel pit is immediately to the south, but it has never been leased since the department switched from permitting to leasing, and the extent of remaining usable material is unknown. There is potential for additional sand & gravel within the compartment. Very limited oil & gas exploration has occurred in this area, and there is no known potential for hydrocarbon production from known producing formations beneath the compartment, but there has been some history of oil & gas leasing in the area. There is no known metallic mineral potential in this part of the state. Comments submitted by Peter Rose - 05/11/2022.

Vehicle Access:

Vehicular access to this compartment is good in snow-off conditions. Interior forest roads and seasonal county roads are not plowed in the winter months, though there are groomed snowmobile and ski trails. Twin Lakes Road along the north boundary, Doriva Beach Road winding along and through the western and southern boundaries, and Black Mountain Road along the eastern boundary are all county roads maintained year-round. Black Mountain Road is hard-pack dirt/gravel; Doriva Beach and Twin Lakes are both paved.

Interior roads are extremely sandy and susceptible to erosion. ORV use in many cases has created severe degradation and erosion leading to the closure of some forest roads. Forest management should be cognizant of the potential for erosion; roads and trails should be properly maintained and new access routes should be rehabilitated and closed to public access.

Survey Needs:

Sec 14 SW corner of SWSE to establish ownership boundaries (potential trespasses; driveway easement(s) needed).

Recreational Facilities and Opportunities:

Portions of the Black Mountain Recreation Area are within this compartment. There are many motorized and non-motorized trails accessible in groomed and ungroomed conditions year round. Most forest roads are open to ORVs through PA-288, though some roads have been closed through a Director's Order to cease and prevent degradation. Trails include:

-Black Mountain Ski & Hiking Trails: groomed in winter months for Cross Country Skiing

-Black Lake Trail: a 50" ATV/dirtbike trail

-Bummers Roost Trail

-Black Lake Route ORV trail

-Black Lake Route Snowmobile Trail: groomed snowmobile trail in winter

The Black Mountain Recreation Area management plan is available for further details.

Fire Protection:

There are some volatile fuel types across this compartment that, in the right conditions, could pose a challenge for fire protection. Fortunately, there's decent infrastructure for wildfire access. The Onaway and Atlanta Field Offices are the two closest locations for DNR wildfire response. Indian River Field Office is the next available resource.

This compartment is on the southeast corner of Alverno (Station 61) VFD coverage area. Onaway VFD and Ocqueoc-Bearinger Fire Department are within relatively close proximity to this compartment as well.

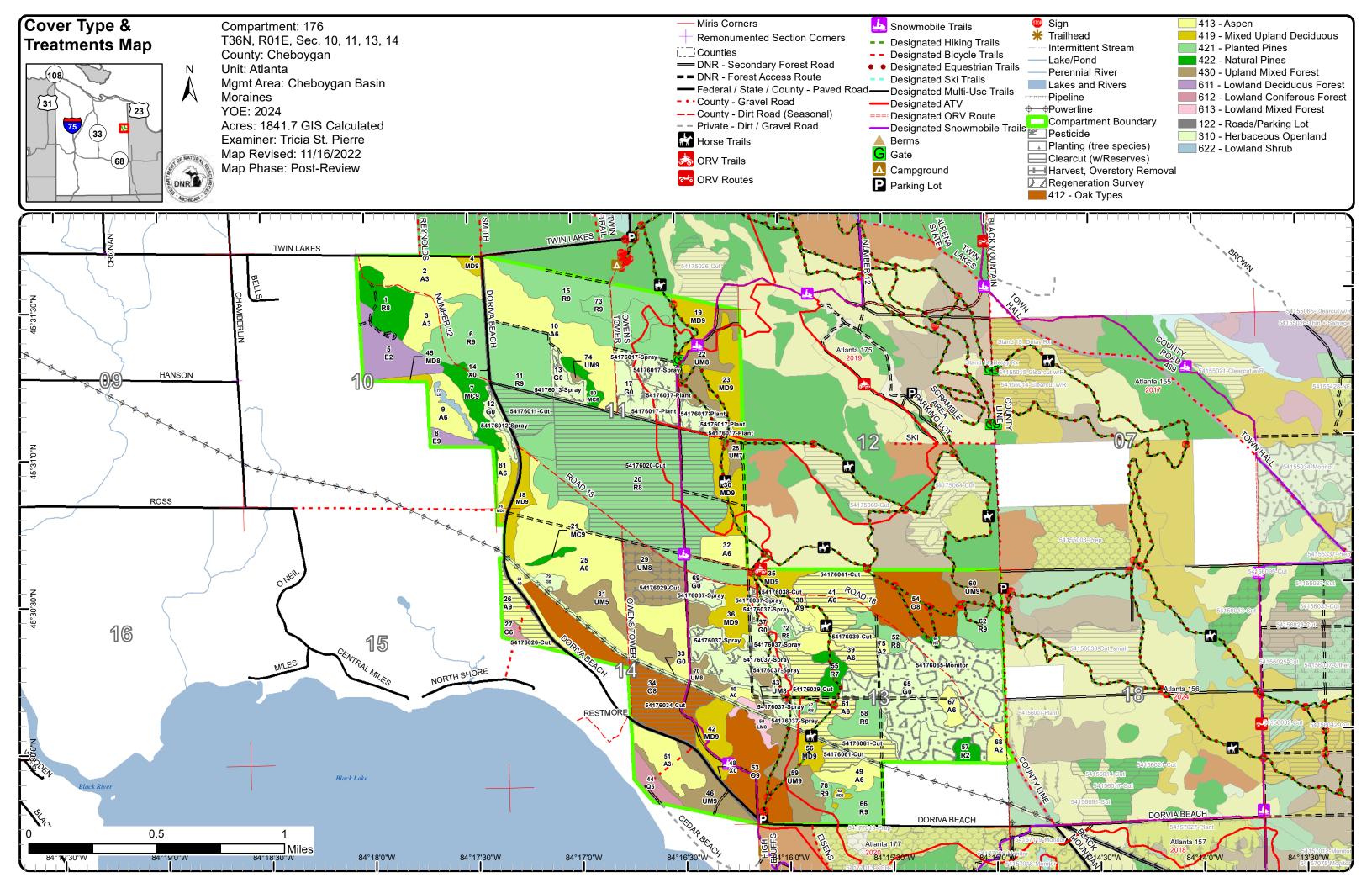
Although Black Lake is within close proximity, there are very few places with public access for drafting. The Black Lake State Forest Campground is the nearest location for drafting (south off of Doriva Beach Road).

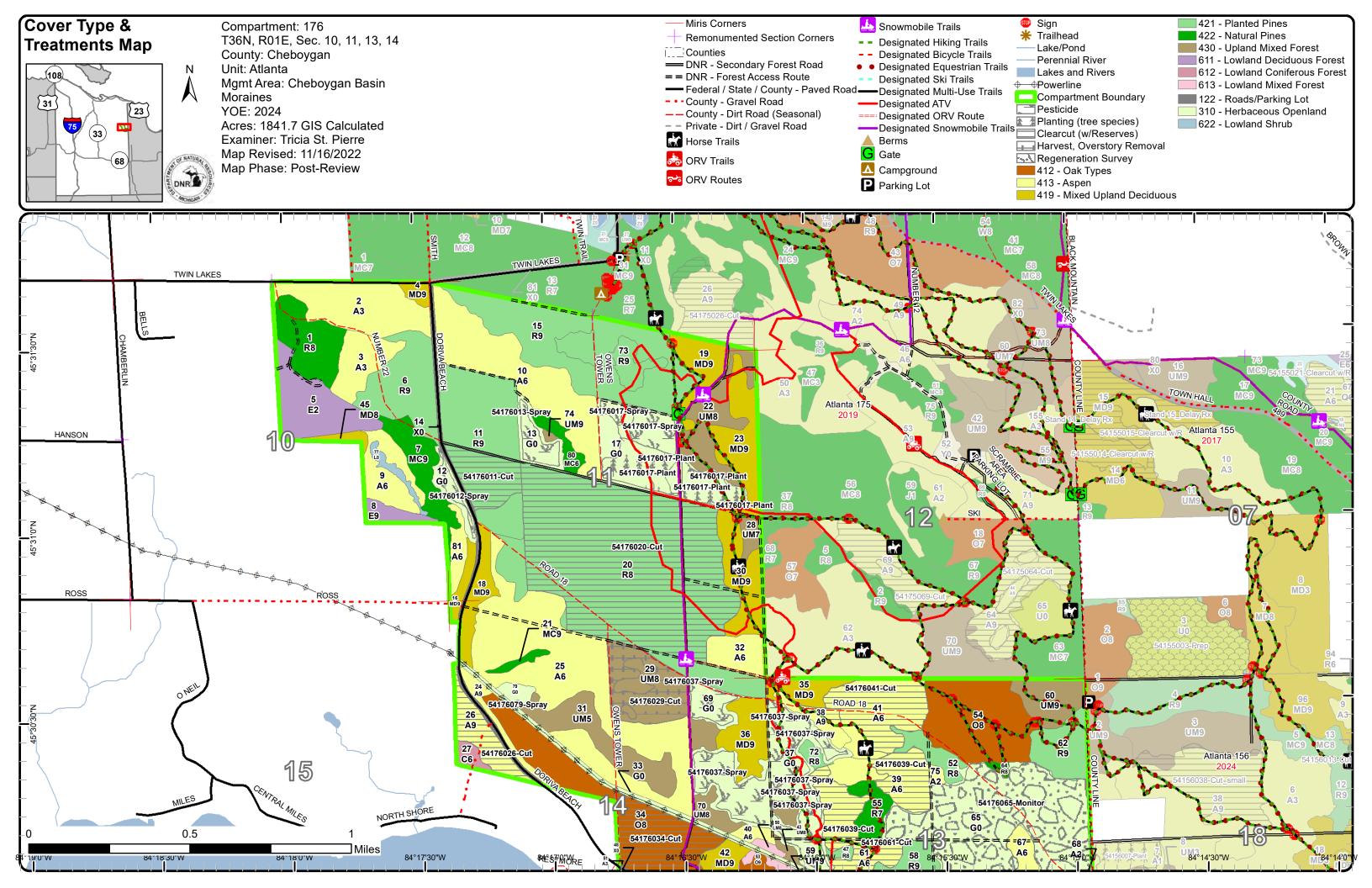
Additional Compartment Information:

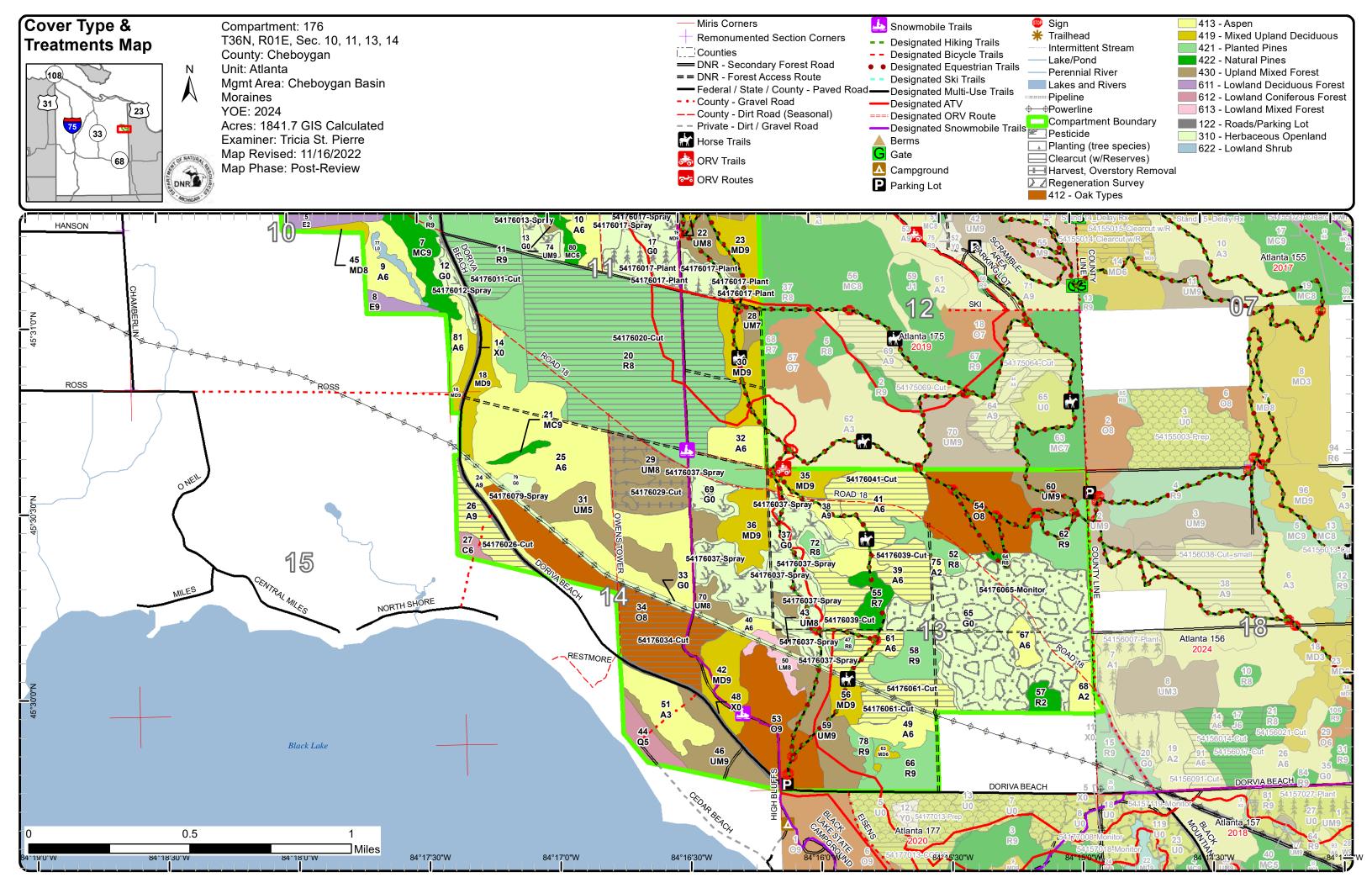
LTA #2002-0129 within NWNW Section 14 prohibits construction/placement of buildings within 250' of Doriva Beach Road and denies the right to clearcut the parcel (though selective harvesting is permissible). Noncompliance of these terms means the parcel will revert to State ownership. The parcel should be monitored regularly through normal operations.

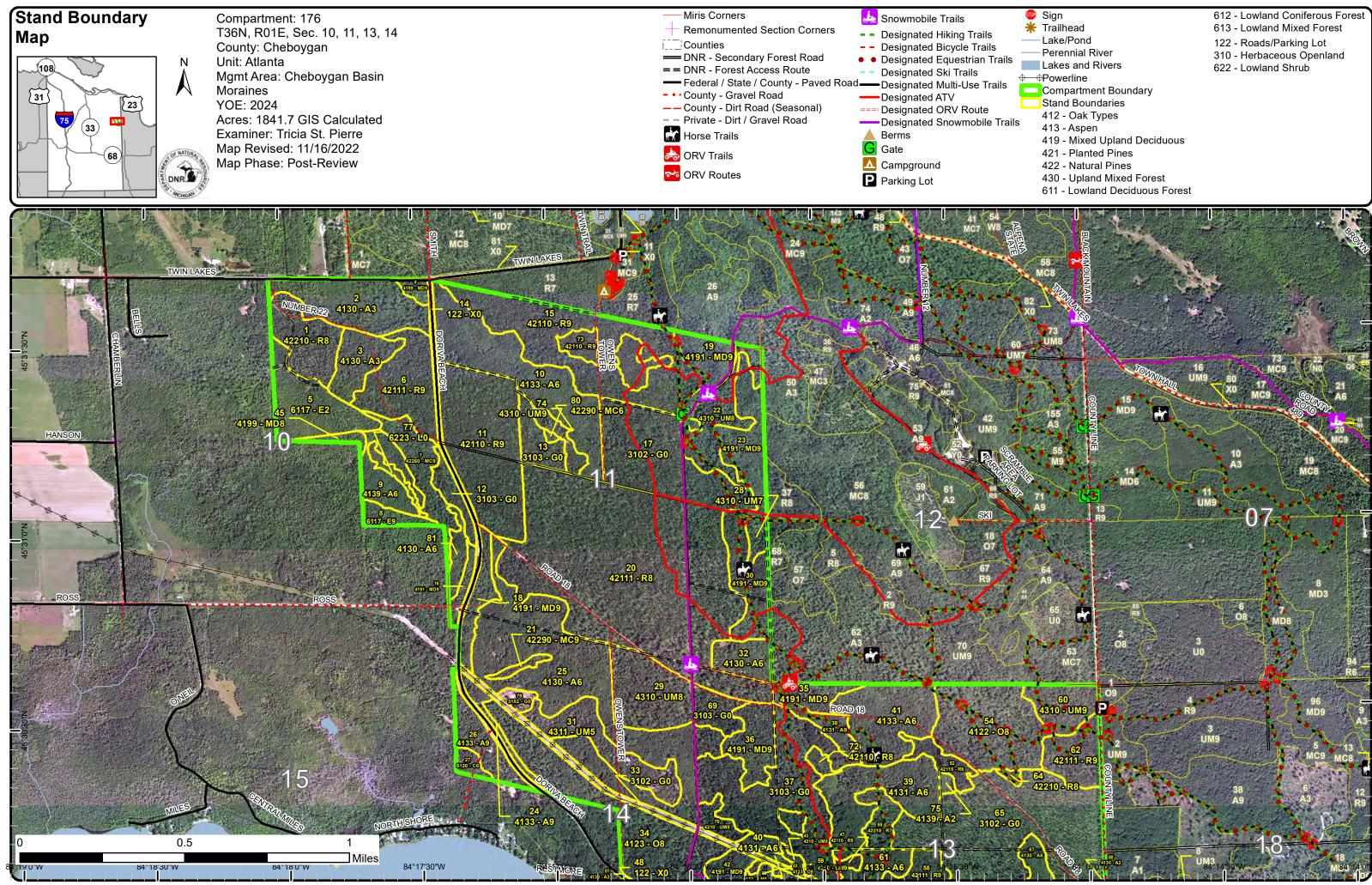
The following reports from the Inventory are attached: Total Acres by Cover Type and Age Class Cover Type by Harvest Method Proposed Treatments – No Limiting Factors Proposed Treatments – With Limiting Factors Stand Details (Forested and Nonforested) Dedicated and Proposed Special Conservation Areas Site Condition Details

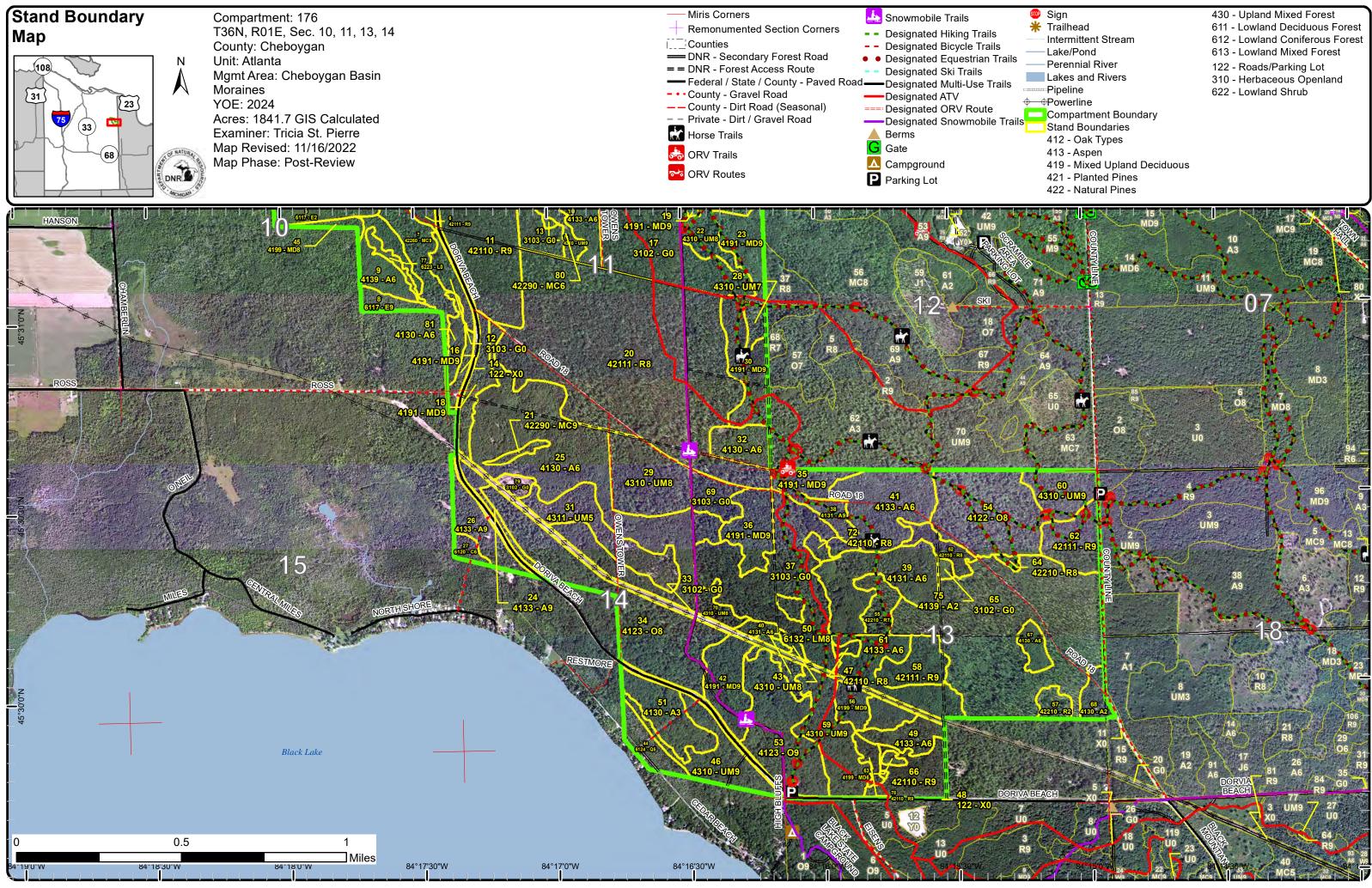
The following information is displayed, where pertinent, on the attached compartment maps: Base feature information, stand boundaries, cover types, and numbers Proposed treatments Site condition boundaries Details on the road access system

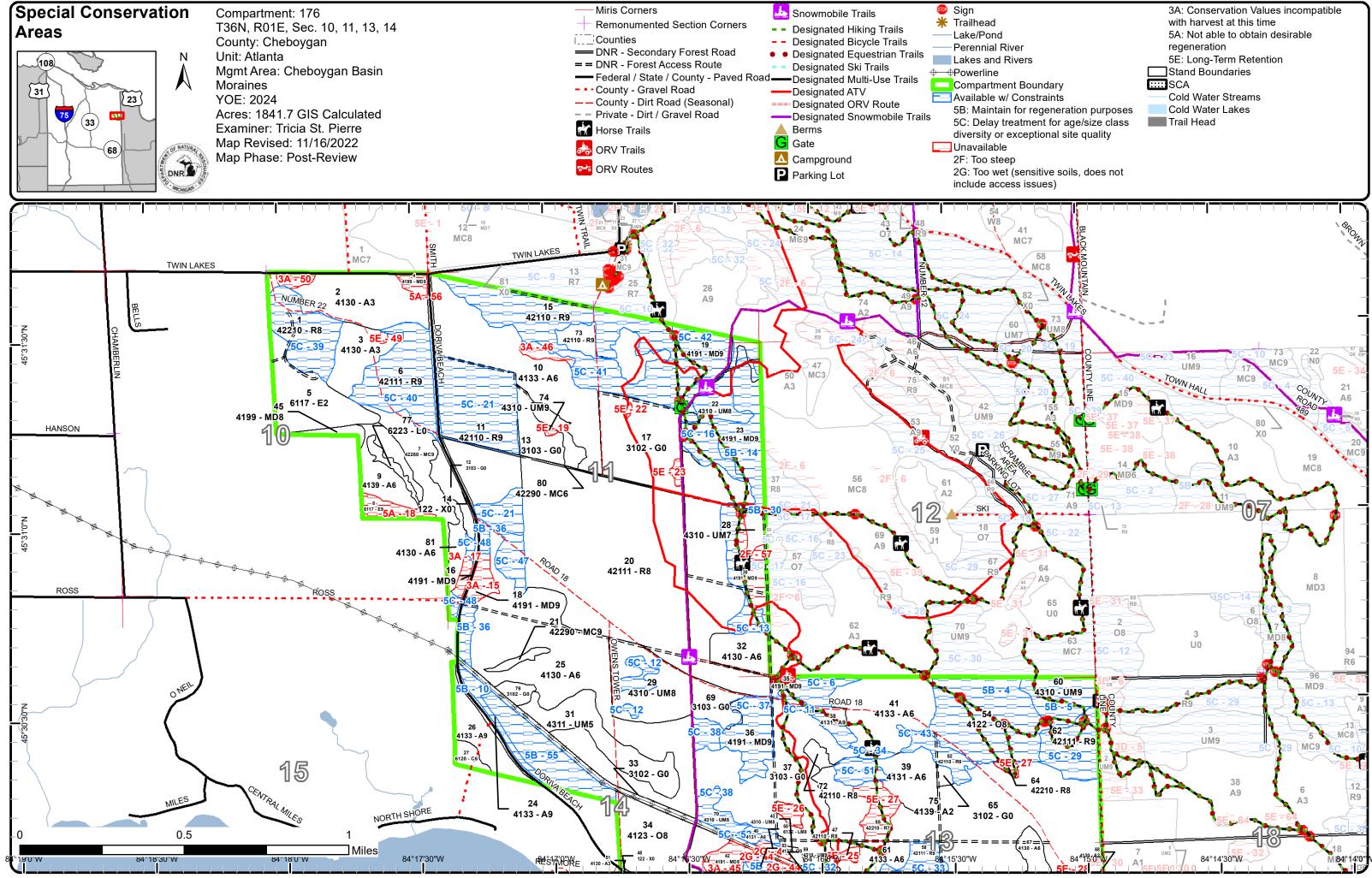


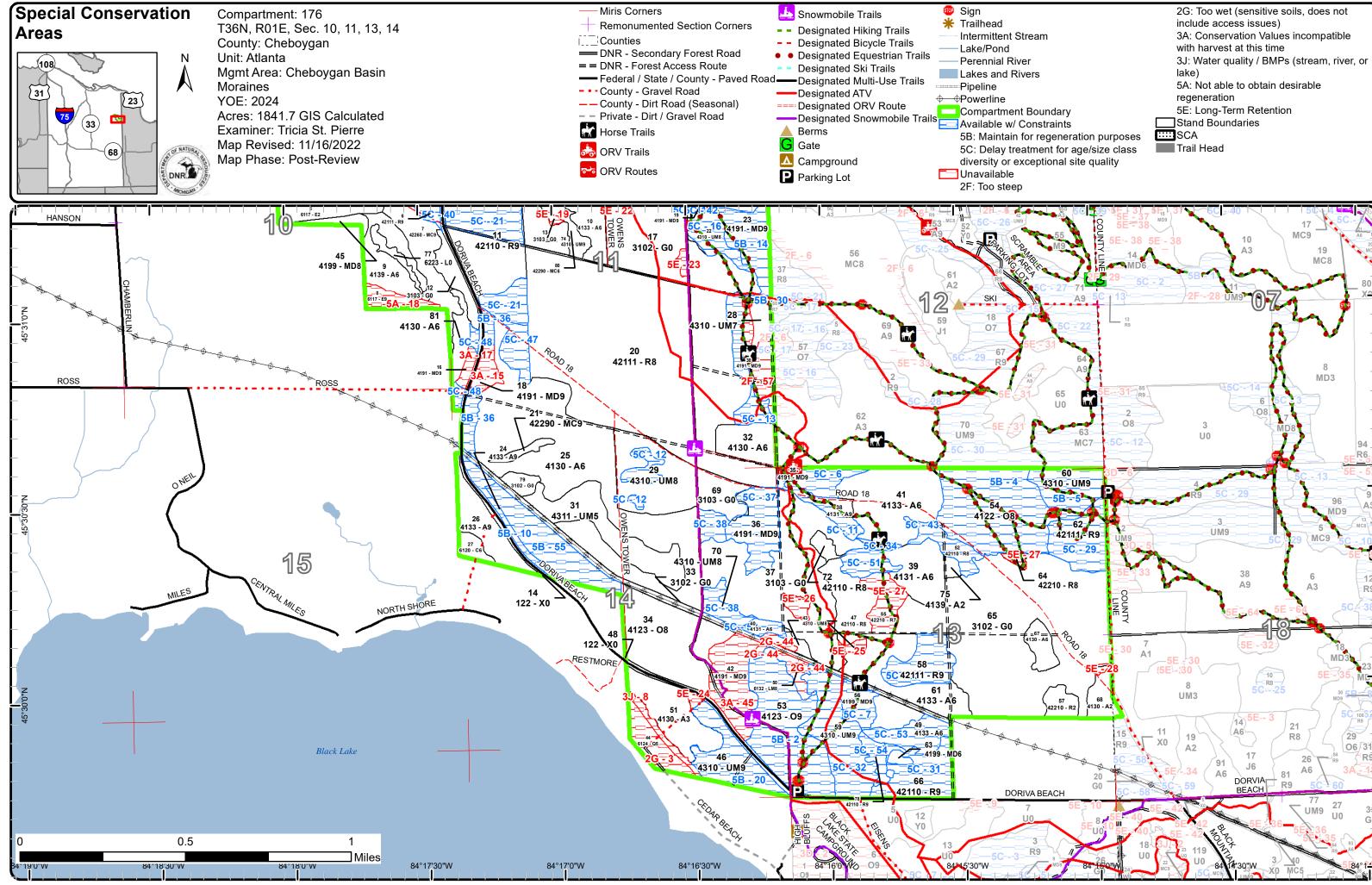




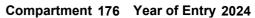








Tricia St. Pierre : Examiner





Age Class

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Aspen	0	48	37	0	108	186	37	0	0	8	22	0	0	0	0	0	0	0	446
Cedar	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	4
Herbaceous Openland	306	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	306
Lowland Conifers	0	0	0	0	0	0	0	0	0	0	0	11	0	0	0	0	0	0	11
Lowland Deciduous	0	0	0	30	0	0	0	0	0	0	0	6	0	0	0	0	0	0	36
Lowland Mixed Forest	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	6
Lowland Shrub	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Mixed Upland Deciduous	0	0	0	0	0	2	21	0	0	34	52	37	0	0	0	0	0	0	145
Natural Mixed Pines	0	0	0	0	6	0	0	0	0	0	20	0	0	0	3	0	0	0	29
Oak	0	0	0	0	0	0	0	0	44	0	0	63	49	0	0	0	0	0	156
Red Pine	0	0	0	6	0	0	0	0	0	498	0	0	0	0	0	0	0	0	503
Upland Mixed Forest	0	0	0	0	0	27	0	0	2	39	49	57	0	0	0	0	0	0	174
Urban	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22
Total	332	48	37	36	114	215	58	0	46	579	154	174	49	0	3	0	0	0	1842

Acres of Harvest



Compartment 176 Total Compartment Acres: 1,842

Commercial Harvest - 383 Harvests with Site Condition - 2 Next Step Harvest - 0 Habitat Cut - 0

Cover Type by Harvest Method

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Aspen		115	0	0	0	0	0	0	0	0	115	ĺ
Oak		40	0	0	0	0	0	0	0	0	40	
Red Pine		204	0	0	0	0	0	0	0	0	204	
Upland Mixed Forest		0	0	0	0	0	0	26	0	0	26	
	Total	359	0	0	0	0	0	26	0	0	385]

Proposed and Next Step Treatments by Method

			Contraction (Contraction)	Contraction of the second	Ofine .	in the second second	in contraction of the second	io contraction	, in the second second	See Se	is the second	and the second s
Current		385	0	26	0	0	84	122	0	0	617	
Next Step		0	407	490	0	26	433	1013	0	0	2369	
	Total	385	407	516	0	26	517	1135	0	0	2986	

		Atlanta	Mgt. Unit		Repor	rt3	Treatments		Compartme	nt: 176	OF NATURAL PLEBOU
S t									Year of Ent	ry: 2024	DNR
a n	Treatment	Acres	Stand	Size	Stand	ва	Treatment	Treatment	Cover Type	Age	Habitat
d	Name		CoverType	Density	Age	Range	Туре	Method	Objective	Structure	Cut

Approved Treatments:

11 54176	5011-Cut	19.6		- Planted d Pine	Sawtimber Well	87	111- 140	Harvest	С	learcut	4211 - Plantec Red Pine	Even-Aged	No
Prescriptior Specs:	n Final harv	vest. Do	not cut	any trees	meeting legad	y tree	criteria if	found within h	arvest bo	oundary.			
<u>Next Step</u> Treatments								al Plant; Moni , Aerial - Site I		rtificial Re	gen(1yr); Pestic	ide, Aerial - Rele	ase;
<u>Acceptable</u> <u>Regen:</u>	_ Acceptab	le reger	eration	will meet r	requirements	for a fu	ully stocke	d red pine plaı	ntation.				
<u>Other</u> Comment:	Require 6	" stump	height	to facilitate	e future plantir	ng ope	erations.						
Site Conditi	ion												
Proposed S	Start Date:	10/1 /20	23										
	76012- pray	2.9	3103 - F	Rubus-Ferr	n Nonstockeo	Ι Ο	Unspec ified	Pesticide	E	RROR	42111 - Planter Red Pine, Mixed Deciduous	d Even-Aged	N
Prescription Specs:	n Apply her	bicide to	o set ba	ck woody o	competition.								
<u>opece.</u>				., .	Artificial Daga	··· (1 · ···)		ing Harbiaida	Use [.] M	opitoring	Artificial Regen(3	vr)	
Next Step		Initial P	ant; M	onitoring, <i>I</i>	Anincial Rege	n(Tyr)	; Monitor	ing, nerbicide	,	onitoring, <i>i</i>	a anoiar r togori(o	<i>,</i>	
<u>Next Step</u> Treatments				onitoring, <i>i</i>	Anniciai Rege	n(Tyr)	; Monitor	ng, nerbicide		onitoning, 7			
Next Step Treatments	<u>:</u>	led Pine	9	onitoring, <i>i</i>	Anincial Rege	n(Tyr)	; Monitor	ing, merbicide		onitoring, 7		. ,	
Next Step Treatments Acceptable Regen: Other	Planted R	led Pine	9	onitoring, <i>i</i>	Anniciai Rege	n(Tyr)	; Monitor	ng, nerbicide	,	onitoring, 7		. ,	
Next Step Treatments Acceptable Regen: Other Comment: Site Conditi	Planted R	ted Pine	= 100%	onitoring, <i>i</i>	Anniciai Rege	n(Tyr)	; Monitor	ng, nerbicide	,	onitoring, 7		. ,	
Next Step Treatments Acceptable Regen: Other Comment: Site Conditi Proposed S 13 541	: Planted R Percent to	ed Pine o Treat = 10/1 /20	= 100% 22		n Nonstocked		; Monitor Unspec ified	Pesticide		RROR	42111 - Plante Red Pine, Mixed Deciduous		N
Next Step Treatments Acceptable Regen: Other Comment: Site Conditi Proposed S 13 541 S	E Planted R Percent to <u>ion</u> Start Date: 76013- pray	2ed Pine 5 Treat = 10/1 /20 7.4	= 100% 22 3103 - F	Rubus-Ferr			Unspec				42111 - Planter Red Pine, Mixed		•
Next Step Treatments Acceptable Regen: Other Comment: Site Conditi Proposed S 13 541 S Prescriptior	Planted F Percent to ion Start Date: 76013- pray Apply her Planting,	ed Pine o Treat a 10/1 /20 7.4 bicide to	= 100% 22 3103 - F o set ba	Rubus-Ferr	n Nonstockec	1 0	Unspec ified	Pesticide	E	RROR	42111 - Planter Red Pine, Mixed	d Even-Aged	N
Next Step Treatments Acceptable Regen: Other Comment: Site Conditi Proposed S 13 541 S Prescription Specs: Next Step Treatments	Planted F Percent to ion Start Date: 76013- pray Apply her Planting,	ed Pine o Treat : 10/1 /20 7.4 bicide to	= 100% 22 3103 - F o set ba ant; M	Rubus-Ferr	n Nonstockec	1 0	Unspec ified	Pesticide	E	RROR	42111 - Planter Red Pine, Mixed Deciduous	d Even-Aged	N
Next Step Treatments Acceptable Regen: Other Comment: Site Conditi Proposed S 13 541 S Prescription Specs: Next Step Treatments Acceptable	Planted F Percent to Start Date: 76013- pray Planting,	ed Pine o Treat a 10/1 /20 7.4 bicide to Initial Pl	= 100% 22 3103 - F o set ba ant; M	Rubus-Ferr	n Nonstockec	1 0	Unspec ified	Pesticide	E	RROR	42111 - Planter Red Pine, Mixed Deciduous	d Even-Aged	N
Next Step Treatments Acceptable Regen: Other Comment: Site Conditi Proposed S 13 541 S Prescription Specs: Next Step Treatments Acceptable Regen: Other	Planted F Percent to Con Catent Date: 76013- pray Planting, Planted F Planted F Percent to	ed Pine o Treat a 10/1 /20 7.4 bicide to Initial Pl	= 100% 22 3103 - F o set ba ant; M	Rubus-Ferr	n Nonstockec	1 0	Unspec ified	Pesticide	E	RROR	42111 - Planter Red Pine, Mixed Deciduous	d Even-Aged	N

S t		Atlanta	Mgt. Unit		Repo	rt 3 1	Freatments		Compartmen Year of Entry		DNR
a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habita Cut
17	54176017- Plant	25.9	3102 - Grass	Nonstock	ed O	Unspec ified	Planting	Initial Plant	42111 - Planted Red Pine, Mixed Deciduous	Even-Aged	No
<u>Pres</u> Spec	<u>cription</u> Plant t <u>s:</u>	o red pine.									
	<u>Step</u> Pestici tments:	de, Skidder	- Release; Burn	, Slash; M	lonitorin	g, Artificia	ll Regen(1yr);	, Monitoring, Artifi	cial Regen(3yr)		
<u>Acce</u> Rege		table regene	eration is a well-sto	ocked stan	d of red	pine with	minor compone	ents of other native	species.		
<u>Othe</u> Com	r <u>Percer</u> ment:	nt to Treat =	100%								
	Condition										
Prop 17	osed Start Date 54176017-	202 10/1 12.9	22 3102 - Grass	Nonstock	ed 0	Unspec ified	Pesticide	ERROR	42111 - Planted Red Pine,	Even-Aged	No
I	Spray					meu			Mixed Deciduous		
Pres Spec		nerbicide to	set back woody c	ompetition.							
<u>Rege</u> Othe Com	en: <u>r</u> Percer ment:	table regene nt to Treat =		ocked stan	d of red	pine with	minor compone	ents of other native	species.		
	<u>Condition</u> osed Start Date	e 10/1 /202	22								
	54176020-Cut	183.9	42111 - Planted Red Pine, Mixed Deciduous	Sawtimbe Medium		81-110	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	No
<u>Pres</u> Spec		arvest. Utili	ze retention for vis	ual manag	ement a	along trails	s in southeast. S	Sign and protect all	l recreational trails		
			hopping; SitePre t; Monitoring, Art					cide, Aerial - Relea rep	ise; Monitoring, A	rtificial Regen	(1yr);
<u>Acce</u> <u>Reg</u> e		table regene	eration will be a ful	lly stocked	red pine	e plantatio	n.				
<u>Othe</u> Com	<u>r</u> Requir <u>ment:</u> possib		height to facilitate	future plan	ting ope	erations. S	quare up treatn	nent edges, specifi	cally southwest an	d east, as bes	st as
Site	Condition										
<u>Prop</u>	osed Start Date	<u>e:</u> 10/1 /202	23								

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S t		Atlanta	Mgt. Unit		Repoi	rt3 1	reatments		Compartmen Year of Entry	(3	DNR
a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habita Cut
26	54176026-C	ut 15.8	4133 - Aspen, Mixed Pine	Sawtimbe Well	r 93	51-80	Harvest	Clearcut	413 - Aspen	Even-Aged	No
<u>Pres</u> Spec		l harvest. Do i	not cut any hemloo	ck, cedar, o	r trees i	meeting le	gacy criteria.				
-	<u>: Step</u> Mon <u>Itments:</u>	itoring, Natura	al Regen (Re-Invei	ntory)							
<u>Acce</u> Rege		eptable regen	eration will meet m	ninimum sto	cking re	equiremen	ts for aspen.				
<u>Othe</u> Com	e <u>r</u> Do r Iment: foun		e slash intact and	scattered ir	ı such a	way as to	block ORV tra	ffic and protect oa	k stump sprouts. E	xclude saturat	ed soils i
Site	Condition										
<u>Prop</u>	osed Start Da	<u>ate:</u> 10/1 /202	23								
29	54176029-C	ut 26.4	4310 - Pine, Oak Mix	Sawtimbe Medium		51-80	Harvest	Overstory Removal	4139 - Aspen, Mixed Deciduous	Even-Aged	No
<u>Pres</u> Spec			l protecting advan 1/2 acre in size of		ak, and	aspen reg	eneration. Area	as of dense aspen	should be exclude	d from harvest	if they
	<u>Step</u> Mon <u>tments:</u>	itoring, Natura	al Regen (Re-Invei	ntory)							
<u>Acce</u> Rege		eptable regene cceptable.	eration will meet m	ninimum sto	cking re	equiremen	ts for aspen. Th	ne inclusion of oak	, red maple, and p	ine at any stoc	king leve
<u>Othe</u> <u>Com</u>			eatment acreage n from the proposed			5% due to	the exclusion of	of advanced regen	eration. Actual trea	atment bounda	ries may
Site	Condition										
<u>Prop</u>	osed Start Da	<u>ate:</u> 10/1 /202	23								
34	54176034-C	ut 40.0	4123 - Red Oak	Sawtimbe Medium		51-80	Harvest	Clearcut with Retention	4191 - Mixed Upland Deciduous with	Even-Aged	Na
-		l harvest prote							Conifer		No
Spec	<u>us.</u> Sigi	and protect r	ecting advanced re recreational trails.	egeneration	. Do no	t harvest a	ny white pine c	r trees meeting le	Conifer	nd within treatm	
Next	_ 0	·	•	0	. Do no	t harvest a	ny white pine o	r trees meeting le	Conifer	nd within treatm	
<u>Next</u> Trea	<u>Step</u> Mon tments:	itoring, Natura eptable regene	ecreational trails.	ntory) ninimum sto	ocking re	equiremen	ts for an upland	d mix of oak, aspe	Conifer gacy criteria if four n, and red maple in		ent area
<u>Next</u> <u>Trea</u> <u>Acce</u> <u>Rege</u> <u>Othe</u>	<u>: Step</u> Mon <u>itments:</u> eptable Acce en: Typi	itoring, Natura eptable regene ng as an A- o	recreational trails. al Regen (Re-Inver eration will meet m	ntory) ninimum sto ered accep	ocking re table. T	equiremen he inclusio	ts for an upland on of red pine is	d mix of oak, aspei acceptable any le	Conifer gacy criteria if four n, and red maple in evel.		ent area.
<u>Next</u> <u>Trea</u> <u>Acce</u> <u>Rege</u> <u>Othe</u> <u>Com</u>	<u>: Step</u> Mon <u>itments:</u> e <u>ptable</u> Acco e <u>n:</u> Typi e <u>r</u> Prot	itoring, Natura eptable regene ng as an A- o	recreational trails. al Regen (Re-Inver eration will meet m r O- type is consid	ntory) ninimum sto ered accep	ocking re table. T	equiremen he inclusio	ts for an upland on of red pine is	d mix of oak, aspei acceptable any le	Conifer gacy criteria if four n, and red maple in evel.		ent area.
<u>Next</u> <u>Trea</u> <u>Acce</u> <u>Rege</u> <u>Othe</u> <u>Com</u> <u>Site</u>	<u>Step</u> Mon <u>itments:</u> <u>eptable</u> Acco <u>en:</u> Typi <u>er</u> Prot <u>iment:</u> <u>Condition</u>	itoring, Natura eptable regene ng as an A- o	recreational trails. al Regen (Re-Inver eration will meet m r O- type is consid eave tops intact an	ntory) ninimum sto ered accep	ocking re table. T	equiremen he inclusio	ts for an upland on of red pine is	d mix of oak, aspei acceptable any le	Conifer gacy criteria if four n, and red maple in evel.		ent area.
<u>Next</u> <u>Trea</u> <u>Acce</u> <u>Rege</u> <u>Othe</u> <u>Com</u> <u>Site</u>	<u>Step</u> Mon <u>itments:</u> <u>eptable</u> Acco <u>en:</u> Typi <u>er</u> Prot <u>iment:</u> <u>Condition</u>	itoring, Natura eptable regend ng as an A- o ect juniper. Le	recreational trails. al Regen (Re-Inver eration will meet m r O- type is consid eave tops intact an	ntory) ninimum sto ered accep	ocking re table. T	equiremen he inclusio	ts for an upland on of red pine is	d mix of oak, aspei acceptable any le	Conifer gacy criteria if four n, and red maple in evel.		ent area.
<u>Next</u> <u>Trea</u> <u>Acce</u> <u>Rege</u> <u>Othe</u> <u>Com</u> <u>Site</u>	<u>Step</u> Mon <u>itments:</u> <u>eptable</u> Acco <u>en:</u> Typi <u>er</u> Prot <u>iment:</u> <u>Condition</u>	itoring, Natura eptable regend ng as an A- o ect juniper. Le	recreational trails. al Regen (Re-Inver eration will meet m r O- type is consid eave tops intact an	ntory) ninimum sto ered accep	ocking re table. T	equiremen he inclusio	ts for an upland on of red pine is	d mix of oak, aspei acceptable any le	Conifer gacy criteria if four n, and red maple in evel.		ent area.
Next Trea Acce Rege Othe Com	<u>Step</u> Mon <u>itments:</u> <u>eptable</u> Acco <u>en:</u> Typi <u>er</u> Prot <u>iment:</u> <u>Condition</u>	itoring, Natura eptable regend ng as an A- o ect juniper. Le	recreational trails. al Regen (Re-Inver eration will meet m r O- type is consid eave tops intact an	ntory) ninimum sto ered accep	ocking re table. T	equiremen he inclusio	ts for an upland on of red pine is	d mix of oak, aspei acceptable any le	Conifer gacy criteria if four n, and red maple in evel.		ent area.
<u>Next</u> <u>Trea</u> <u>Acce</u> <u>Rege</u> <u>Othe</u> <u>Com</u> <u>Site</u>	<u>Step</u> Mon <u>itments:</u> <u>eptable</u> Acco <u>en:</u> Typi <u>er</u> Prot <u>iment:</u> <u>Condition</u>	itoring, Natura eptable regend ng as an A- o ect juniper. Le	recreational trails. al Regen (Re-Inver eration will meet m r O- type is consid eave tops intact an	ntory) ninimum sto ered accep	ocking re table. T	equiremen he inclusio	ts for an upland on of red pine is	d mix of oak, aspei acceptable any le	Conifer gacy criteria if four n, and red maple in evel.		ent area.
<u>Next</u> <u>Trea</u> <u>Acce</u> <u>Rege</u> <u>Othe</u> <u>Com</u> <u>Site</u>	<u>Step</u> Mon <u>itments:</u> <u>eptable</u> Acco <u>en:</u> Typi <u>er</u> Prot <u>iment:</u> <u>Condition</u>	itoring, Natura eptable regend ng as an A- o ect juniper. Le	recreational trails. al Regen (Re-Inver eration will meet m r O- type is consid eave tops intact an	ntory) ninimum sto ered accep	ocking re table. T	equiremen he inclusio	ts for an upland on of red pine is	d mix of oak, aspei acceptable any le	Conifer gacy criteria if four n, and red maple in evel.		ent area.
Next Trea Acce Rege Othe Com	<u>Step</u> Mon <u>itments:</u> <u>eptable</u> Acco <u>en:</u> Typi <u>er</u> Prot <u>iment:</u> <u>Condition</u>	itoring, Natura eptable regend ng as an A- o ect juniper. Le	recreational trails. al Regen (Re-Inver eration will meet m r O- type is consid eave tops intact an	ntory) ninimum sto ered accep	ocking re table. T	equiremen he inclusio	ts for an upland on of red pine is	d mix of oak, aspei acceptable any le	Conifer gacy criteria if four n, and red maple in evel.		ent area.

Specs: Next Step Treatments: Acceptable Regen: Other Comment: Site Condition Proposed Star 38 Prescription Specs:	37- 60.2 3 y Apply herbicide to Planting, Initial Pl Planted Red Pine Percent to Treat = <u>t Date:</u> 10/1 /20 B-Cut 2.1 4	= 100%	Density Nonstocked	0 b	BA Range Unspec ified	Treatment Type Pesticide	Treatment Method ERROR Jse; Monitoring, A	Cover Type Objective 42111 - Planted Red Pine, Mixed Deciduous	Age Structure Even-Aged	Habita Cut No
Sprace Prescription A Specs: A Next Step F Treatments: F Acceptable F Regen: O Other F Comment: Site Condition Proposed Star 38 Startford F Specs: F	y Apply herbicide to Planting, Initial Pl Planted Red Pine Percent to Treat = <u>t Date:</u> 10/1 /20 B-Cut 2.1 4	9 set back woody c ant; Monitoring, A = 100% 22	ompetition.		ified			Red Pine, Mixed Deciduous		No
Specs: Next Step Treatments: Acceptable Regen: Other Comment: Site Condition Proposed Star 38 Prescription Specs:	Planting, Initial Pl Planted Red Pine Percent to Treat = <u>t Date:</u> 10/1 /20 B-Cut 2.1 4	ant; Monitoring, A = 100% 22	·	en(1yr);	; Monitor	ing, Herbicide l	Jse; Monitoring, A	vrtificial Regen(3yr)	
Treatments: Acceptable Regen: Other Comment: Site Condition Proposed Star 38 Prescription Specs:	Planted Red Pine Percent to Treat = t Date: 10/1 /20 B-Cut 2.1 4	= 100% 22	vrtificial Rege	en(1yr);	; Monitor	ing, Herbicide l	Jse; Monitoring, A	vrtificial Regen(3yr)	
Regen: Other F Comment: F Site Condition Proposed Star 38 5417603 Prescription F Specs:	Percent to Treat = <u>t Date:</u> 10/1 /20 B-Cut 2.1 4	= 100% 22								
Comment: Site Condition Proposed Star 38 5417603 Prescription F Specs:	<u>t Date:</u> 10/1 /20 8-Cut 2.1 4	22								
Proposed Star 38 5417603 Prescription F Specs:	B-Cut 2.1 4									
38 5417603 Prescription F Specs:	B-Cut 2.1 4									
Specs:		•	Sawtimber	86	111-	Harvest	Clearcut	413 - Aspen	Even-Aged	No
	inal narvest. Sig	n and protect recre	Well		140 treatment	to the north sid	e of the trail during	this entry.	-	
Treatments:	Ionitoring, Natur	al Regen (Re-Invei	ntory)							
Acceptable A	cceptable regen	eration will meet m	ninimum stoc	king re	equiremen	ts for aspen.				
-)o not cut any wł	nite pine. Actual tre	atment boun	ndary m	nay vary if	west half is too	narrow for equipm	nent to operate.		
Site Condition	Unspecified									
Proposed Star	<u>t Date:</u> 10/1 /20	23								
39 5417603	9-Cut 31.4 4	1131 - Aspen, Oak	Poletimber Well	35	81-110	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
Prescription F Specs:	ïnal harvest. Do	not cut any pine. S	Sign and prot	ect rec	reational t	rail.				
<u>Next Step</u> N <u>Treatments:</u>	Ionitoring, Natur	al Regen (Re-Invei	ntory)							
<u>Acceptable</u> A <u>Regen:</u>	cceptable regen	eration will meet m	ninimum stoc	king re	equiremen	ts for aspen.				
<u>Other</u> F <u>Comment:</u>	ocus retention a	long trail junctions.	. Retention m	nay be	utilized to	capture Xlog o	ak as appropriate t	o do so.		
Site Condition										
Proposed Star	<u>t Date:</u> 10/1 /20	23								

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Report 3 -- Treatments

Compartment: 176 Year of Entry: 2024



а											MICHIGAN
n Treat d Nar		Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habit Cut
41 54176	041-Cut	32.7	4133 - Aspen, Mixed Pine	Poletimber Well	r 56	81-110	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
Prescription Specs:	steepest	slopes.	not cut any white the north and eas	_		ect recreation	onal trail. Follo	w BMPs for slopes	s >40%, which ma	y involve exclu	ding the
<u>Next Step</u> Treatments:		g, Natura	ll Regen (Re-Inve	ntory)							
Regen:	any stock	ing level	will be acceptable	Э.	-			n aspen covertype		of oak and/or	oine at
<u>Other</u> Comment:			s visual managem y trees >20" dbh i				large diamete	r natural pine. Prot	ect juniper.		
Site Condition		10/1 /202	23								
61 54176	061-Cut	33.1	4133 - Aspen, Mixed Pine	Poletimber Well	r 49	111- 140	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
Prescription Specs:	Final harv	vest. Sigr	and protect recre	eational trails	s. Do no	ot harvest a	ny white pine.	Protect trees mea	isuring >20" dbh.		
		g, Natura	l Regen (Re-Inve	ntory)							
<u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> <u>Regen:</u>		-	Il Regen (Re-Inve eration will meet n	.,	cking re	equirements	for aspen.				
Treatments:	Acceptab Utilize ret unique st Trace pol	le regene ention fo and level e sugar r	eration will meet n r visual managem elements. naple on west edg	ninimum stor nent along pa ge of stand 5	athway 58 betw	where appr veen 50 and	opriate to do s trail. Prefer to	so, especially arount of protect with a retern of the rete	-		
Treatments: Acceptable Regen: Other	Acceptab Utilize ret unique st Trace pol contains	le regene ention fo and level e sugar r	eration will meet n r visual managem elements.	ninimum stor nent along pa ge of stand 5	athway 58 betw	where appr veen 50 and	opriate to do s trail. Prefer to	protect with a rete	-		
Treatments: Acceptable Regen: Other Comment:	Acceptab Utilize ret unique st Trace pol contains	le regene ention fo and level le sugar r relic red	eration will meet n r visual managem elements. naple on west edu oine to be protecto	ninimum stor nent along pa ge of stand 5	athway 58 betw	where appr veen 50 and	opriate to do s trail. Prefer to	protect with a rete	-		
Treatments: Acceptable Regen: Other Comment: Site Condition Proposed Si 65 5417	Acceptab Utilize ret unique st Trace pol contains	le regene ention fo and level le sugar r relic red	eration will meet n r visual managem elements. naple on west edu oine to be protecto	ninimum stor nent along pa ge of stand 5	athway 58 betw y in a r	where appr veen 50 and	opriate to do s trail. Prefer to	protect with a rete	-		tand 47
Treatments: Acceptable Regen: Other Comment: Site Conditio Proposed Si 65 5417 Mo	Acceptab Utilize ret unique st Trace pol contains on art Date: 6065- nitor	le regene ention fo and level e sugar r relic red p 10/1 /202 122.0	eration will meet n r visual managem elements. naple on west edu oine to be protecto 23	ninimum stoo nent along pa ge of stand 5 ed, preferabl Nonstocke	athway 58 betw y in a r d 0	where appr een 50 and etention isla Unspec ified	opriate to do s trail. Prefer to and or bounda Monitoring	protect with a retery exclusion.	ention pocket. Are 42110 - Planted	a to south of s	tand 47
Treatments: Acceptable Regen: Other Comment: Site Condition Proposed St 65 5417 Mo Prescription	Acceptab Utilize ret unique st Trace pol contains on tart Date: 6065- nitor Complete Monitorin	le regene ention fo and level e sugar r relic red p 10/1 /202 122.0 e a 3rd ye	eration will meet n r visual managem elements. naple on west edu oine to be protecte 23 3102 - Grass ear artificial regene	ninimum stoo nent along pa ge of stand 5 ed, preferabl Nonstocke	athway 58 betw y in a r d 0	where appr een 50 and etention isla Unspec ified	opriate to do s trail. Prefer to and or bounda Monitoring	protect with a retery exclusion.	ention pocket. Are 42110 - Planted	a to south of s	tand 47
Treatments: Acceptable Regen: Other Comment: Site Condition Proposed Si 65 5417 Mon Prescription Specs: Next Step Treatments:	Acceptab Utilize ret unique st Trace pol contains on <u>aart Date:</u> 6065- nitor Complete Monitorin	le regene ention fo and level e sugar r relic red p 10/1 /202 122.0 a 3rd ye g, Herbic	eration will meet n r visual managem elements. naple on west edu oine to be protecte 23 3102 - Grass ear artificial regene	ninimum stor nent along pa ge of stand 5 ed, preferabl Nonstocke eration surve	athway 58 betw y in a r d 0	where appr reen 50 and etention isla Unspec ified e fall of 202	opriate to do s trail. Prefer to and or bounda Monitoring 2.	o protect with a rete ry exclusion. Artificial Regen(3yr)	ention pocket. Are 42110 - Planted	a to south of s	
Treatments: Acceptable Regen: Other Comment: Site Condition Proposed Si 65 5417 Mon Prescription Specs: Next Step Treatments: Acceptable	Acceptab Utilize ret unique st Trace pol contains on <u>aart Date:</u> 6065- nitor Complete Monitorin	le regene eention fo and level e sugar r relic red p 10/1 /202 122.0 e a 3rd ye g, Herbic ple regen	eration will meet n r visual managem elements. naple on west edu oine to be protecte 23 3102 - Grass ear artificial regene ide Use eration is fully sto	ninimum stor nent along pa ge of stand 5 ed, preferabl Nonstocke eration surve	athway 58 betw y in a r d 0	where appr reen 50 and etention isla Unspec ified e fall of 202	opriate to do s trail. Prefer to and or bounda Monitoring 2.	o protect with a rete ry exclusion. Artificial Regen(3yr)	ention pocket. Are 42110 - Planted	a to south of s	tand 47
Treatments: Acceptable Regen: Other Comment: Site Condition Proposed St 65 5417 Mon Prescription Specs: Next Step Treatments: Acceptable Regen: Other	Acceptab Utilize ret unique st Trace pol contains art Date: 6065- nitor Complete Monitorin -acceptat Percent t	le regene eention fo and level e sugar r relic red p 10/1 /202 122.0 e a 3rd ye g, Herbic ple regen	eration will meet n r visual managem elements. naple on west edu oine to be protecte 23 3102 - Grass ear artificial regene ide Use eration is fully sto	ninimum stor nent along pa ge of stand 5 ed, preferabl Nonstocke eration surve	athway 58 betw y in a r d 0	where appr reen 50 and etention isla Unspec ified e fall of 202	opriate to do s trail. Prefer to and or bounda Monitoring 2.	o protect with a rete ry exclusion. Artificial Regen(3yr)	ention pocket. Are 42110 - Planted	a to south of s	tand 47

S t a		Atlanta	Mgt. Unit		Repoi	rt3 1	Freatments		Compartmen Year of Entry		DNR DNR CRUDER
n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
79	54176079- Spray	0.2	3102 - Grass	Nonstocke	ed	Unspec ified	Pesticide	Hand Application	3102 - Grass		No
Spec Next Treat Acce Rege Other Com	<u>s:</u> <u>Step</u> Monito <u>ments:</u> ; Pest <u>ptable</u> n: ; Remov	ring, Invasiv iicide, Hand ral may be a	e Species Application; Mor ccomplished by A	nitoring, Inv	vasive S	pecies		cation, hand pulling, a	and other means		

Total Treatment Acreage Proposed: 616.5

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Report 4 – Site Conditions

Atlanta Mgt. Unit

Tricia St. Pierre : Examiner

Compartment: 176 Year of Entry: 2024

Availability for Management

Total	Acres	Acres Avail	Acres		Domina	nt Site	e Con	dition	s				
Acres	Available	With Condition	Not Available		5B	5C	2F	2G	3A	3J	5A	5E	ed
446	405	35	4	Aspen	6	29			3	0		1	2
4	4	0	0	Cedar									
306	303	0	2	Herbaceous Openland	0	0						2	
11	0	0	11	Lowland Conifers				11					
36	30	0	6	Lowland Deciduous							6		
6	0	0	6	Lowland Mixed Forest				6					
4	4	0	0	Lowland Shrub									
145	5	98	42	Mixed Upland Deciduous	31	67	10		28		3		
29	29	0	0	Natural Mixed Pines								0	
157	40	117	0	Oak	117								
503	241	245	16	Red Pine	0	245			3			13	
174	61	105	8	Upland Mixed Forest	37	68				4		4	0
22	21	1	0	Urban	0	1							
1,842	1,142	602	95	Total Forested Acres	191	411	10	17	34	4	10	20	2
	62%	33%	5%	Relative Percent									

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

Site No	e Dominant Site . Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unspecified	Unspecified	0				
	Comments:						
2	Available	5B: Maintain for regeneration purposes	44		Unspecified	Unspecified	Unspecified
	Comments: -a lot of areas show	ing good natural pine regen u	nder oak				

		stlanta Mgt. Unit Pierre : Examiner	Report 4 – Site Conditions			Compartment: 176 Year of Entry: 2024		
3	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	11	3G: Other Influence zones - See comments	Unspecified	Unspecified	Unspecified	
	Comments: many private adjac	ent landowners						
4	Available	5B: Maintain for regeneration purposes	49	5C: Delay treatment for age/size class diversity or exceptional site quality		Unspecified	Unspecified	
	Comments:							
5	Available	5B: Maintain for regeneration purposes	17	5C: Delay treatment for age/size class diversity or exceptional site quality	Unspecified	Unspecified	Unspecified	
	Comments:							
6	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	10	5B: Maintain for regeneration purposes	Unspecified	Unspecified	Unspecified	
	Comments:							
7	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	8	5B: Maintain for regeneration purposes	Unspecified	Unspecified	Unspecified	
	Comments:							
8	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	4	Unspecified	Unspecified	Unspecified	Unspecified	
	Comments: Steep hillside into a hemlock, and ceda	adjacent lowland. Saturated soils r.	s at th	e bottom; a couple seeps. Oal	dominated hillside with	bigtooth, legacy red/white	pine, red maple,	

Report 4 – Site Conditions

Compartment: 176 Year of Entry: 2024

Tricia	St.	Pierre :	Examiner
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Atlanta Mgt. Unit

9	Unspecified	Unspecified	2							
	Comments:									
10	Available	5B: Maintain for regeneration purposes	6	3G: Other Influence zones - See comments	5C: Delay treatment for age/size class diversity or exceptional site quality	Unspecified	Unspecified			
	Comments: along roadway and a fair amount of wp saplings coming in									
11	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	6	5B: Maintain for regeneration purposes	Unspecified	Unspecified	Unspecified			
	Comments: -leave untreated or cut later if aspen are still alive with aspen to adjacent east to keep trail clear of falling trees									
12	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	5	Unspecified	Unspecified	Unspecified	Unspecified			
	Comments: Dense saplings, 1997 origin.									
13	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	13	Unspecified	Unspecified	Unspecified	Unspecified			
	Comments: Steep slope has been factor limited. The soft factor applies to a gentler slope, delaying treatment due to aesthetic concerns for adjacent red pine restart.									
14	Available	5B: Maintain for regeneration purposes	25	5C: Delay treatment for age/size class diversity or exceptional site quality	Unspecified	Unspecified	Unspecified			
	Comments:									

		Atlanta Mgt. Unit Pierre : Examiner		Report 4 – Site Cond	itions	Compartment: 176 Year of Entry: 2024		
15	Unavailable	3A: Conservation Values incompatible with harvest at this time	5	5A: Not able to obtain desirable regeneration	Unspecified	Unspecified	Unspecified	
	Comments: Acreage contains a	a drainage with sensitive soils. He	emloc	k and legacy red and white pir	ne present.			
16	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	24	5B: Maintain for regeneration purposes	Unspecified	Unspecified	Unspecified	
	Comments: -leave untreated un A lot of trials throug	ntil adj. cleacut has regenerated. gh this stand.						
17	Unavailable	3A: Conservation Values incompatible with harvest at this time	2	5A: Not able to obtain desirable regeneration	Unspecified	Unspecified	Unspecified	
	Comments: Saturated, sensitiv	e soils with scattered cedar and l	hemlo	ck to the north; relic white and	red pine to the south.			
18		e soils with scattered cedar and l 5A: Not able to obtain desirable regeneration	hemlo 6	ck to the north; relic white and 3A: Conservation Values incompatible with harvest at this time	red pine to the south. Unspecified	Unspecified	Unspecified	
18	Saturated, sensitiv Unavailable Comments:	5A: Not able to obtain	6	3A: Conservation Values incompatible with harvest at this time	Unspecified			
18	Saturated, sensitiv Unavailable Comments:	5A: Not able to obtain desirable regeneration	6	3A: Conservation Values incompatible with harvest at this time	Unspecified			
	Saturated, sensitiv Unavailable Comments: Large volume of he	5A: Not able to obtain desirable regeneration emlock not represented elsewher	6 re. Dif	3A: Conservation Values incompatible with harvest at this time ficult to regenerate through for	Unspecified	wildlife value in its current s	tatus.	
	Saturated, sensitiv Unavailable Comments: Large volume of he Unavailable	5A: Not able to obtain desirable regeneration emlock not represented elsewher	6 re. Dif	3A: Conservation Values incompatible with harvest at this time ficult to regenerate through for	Unspecified	wildlife value in its current s	tatus.	

		Atlanta Mgt. Unit Pierre : Examiner	Report 4 – Site Conditions			Compartment: 176 Year of Entry: 2024		
21	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	47	Unspecified	Unspecified	Unspecified	Unspecified	
	Comments: Portion of stand is	being treated in the 2024 YOE v	vith the in	tent of breaking up red p	ine age classes.			
22	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified	
	Comments:							
23	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified	
	Comments:							
24	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified	
	Comments: Long term retention	n for stand 51 (originally part of p	parent sta	nd 46).				
25	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified	
	Comments: Retention for the per reassigned.)	ortion of stand 37 which was ori	ginally pa	rent stand 49, the acreac	e south of the quarter sec	tion line trail. (The number	49 has since been	
26	Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified	
	Comments:							
27	Unavailable	5E: Long-Term Retention	11	Unspecified	Unspecified	Unspecified	Unspecified	
	Comments: -retention for stand	65						

Report 4 – Site Conditions

Compartment: 176

Tricia St. Pierre : Examiner

Atlanta Mgt. Unit

Year of Entry: 2024

28	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
	comments: retention for stand	I 68					
29	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	19	Unspecified	Unspecified	Unspecified	Unspecified
С	comments:						
30	Available	5B: Maintain for regeneration purposes	0	5C: Delay treatment for age/size class diversity or exceptional site quality	Unspecified	Unspecified	Unspecified
С	omments:						
31	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	19	Unspecified	Unspecified	Unspecified	Unspecified
С	comments:						
32	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	29	Unspecified	Unspecified	Unspecified	Unspecified
С	omments:						
33	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	15	Unspecified	Unspecified	Unspecified	Unspecified
С	omments:						

		Atlanta Mgt. Unit		Report 4 – Site Condi	itions	Compartment: 176		
		. Pierre : Examiner				Year of Entry: 2024		
34	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	2	Unspecified	Unspecified	Unspecified	Unspecified	
	Comments: Pine dominated dr	aw to be managed with adjacent	: pine t	ypes as appropriate.				
36	Available	5B: Maintain for regeneration purposes	7	5C: Delay treatment for age/size class diversity or exceptional site quality	Unspecified	Unspecified	Unspecified	
	Comments: along roadway							
37	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	18	Unspecified	Unspecified	Unspecified	Unspecified	
	Comments:							
38	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	11	Unspecified	Unspecified	Unspecified	Unspecified	
	Comments:							
39	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	24	Unspecified	Unspecified	Unspecified	Unspecified	
	Comments: Removed and red	maple, aspen, and jack pine in 2	2006. <i>F</i>	Allow subcanopy to mature.				

		Atlanta Mgt. Unit Pierre : Examiner	Report 4 – Site Conditions			Compartment: 176 Year of Entry: 2024		
40	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	33	Unspecified	Unspecified	Unspecified	Unspecified	
(Comments:							
41	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	70	Unspecified	Unspecified	Unspecified	Unspecified	
(Comments:							
42	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	16	Unspecified	Unspecified	Unspecified	Unspecified	
(Comments:							
43	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	9	Unspecified	Unspecified	Unspecified	Unspecified	
(Comments:							
44	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	7	3A: Conservation Values incompatible with harvest at this time	5A: Not able to obtain desirable regeneration	Unspecified	Unspecified	
9	Comments: Soils are saturate v deer and elk.	with some standing water. The s	pecies	s composition is a rarity for t	his compartment. Added c	nallenge of regenerating cedar	in the presence o	

Atlanta Mgt. Unit Tricia St. Pierre : Examiner			Report 4 – Site Con	ditions	Compartment: 176 Year of Entry: 2024		
Unavailable	3A: Conservation Values incompatible with harvest at this time	21	Unspecified	Unspecified	Unspecified	Unspecified	
	d with significant amounts of reli	ic red a	and white pine with a notable	amount of hemlock of va	arious size classes.		
Unavailable	3A: Conservation Values incompatible with harvest at this time	3	Unspecified	Unspecified	Unspecified	Unspecified	
Pocket of natural re	ed and white pine, some meetin	g legac	y tree criteria. Boundaries a	re based on aerial image	ry (following a field visit) and	l may be adjusted in t	
Available	5C: Delay treatment for age/size class diversity or exceptional site quality	8	Unspecified	Unspecified	Unspecified	Unspecified	
	being treated in the 2024 YOE v	vith the	intent of breaking up red pi	ne age classes.			
Available	5C: Delay treatment for age/size class diversity or exceptional site quality	3	Unspecified	Unspecified	Unspecified	Unspecified	
	ed roadway						
Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified	
	n for parent stand 3. Compositio	n 90%	red pine (L/P), 8% red oak ((L/X/P), 2% BTA (L/P); hi	gh oak and trace red maple	in the subcanopy.	
Unavailable	3A: Conservation Values incompatible with harvest at this time	3	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified	
Comments:							
	Tricia St. Unavailable Comments: A very unique stand Unavailable Comments: Pocket of natural refield. Available Comments: Portion of stand is Available Comments: along highly travelle Unavailable Comments: along highly travelle Unavailable Comments: Long term retention	Tricia St. Pierre : Examiner Unavailable 3A: Conservation Values incompatible with harvest at this time Comments: A very unique stand with significant amounts of relination values incompatible with harvest at this time Unavailable 3A: Conservation Values incompatible with harvest at this time Comments: Averaulable Pocket of natural red and white pine, some meetin field. Available 5C: Delay treatment for age/size class diversity or exceptional site quality Comments: Portion of stand is being treated in the 2024 YOE verse of age/size class diversity or exceptional site quality Comments: along highly travelled roadway Unavailable 5E: Long-Term Retention Comments: Long term retention for parent stand 3. Composition Unavailable 3A: Conservation Values incompatible with harvest	Tricia St. Pierre : Examiner 21 Unavailable 3A: Conservation Values at this time 21 Comments: A very unique stand with significant amounts of relic red at this time 3 Unavailable 3A: Conservation Values incompatible with harvest at this time 3 Comments: Avery unique stand with significant amounts of relic red at this time 3 Comments: Pocket of natural red and white pine, some meeting legace field. 8 Available 5C: Delay treatment for age/size class diversity or exceptional site quality 8 Comments: Portion of stand is being treated in the 2024 YOE with the exceptional site quality 3 Comments: along highly travelled roadway 1 Unavailable 5E: Long-Term Retention 1 Comments: 1 1 Comments:	Atlanta Mgt. Unit Tricia St. Pierre : Examiner Unavailable 3A: Conservation Values at this time 21 Unspecified Comments: 21 Unspecified 21 A very unique stand with significant amounts of relic red and white pine with a notable incompatible with harvest at this time 3 Unspecified Unavailable 3A: Conservation Values incompatible with harvest at this time 3 Unspecified Comments: 3 Unspecified 3 Unspecified Pocket of natural red and white pine, some meeting legacy tree criteria. Boundaries a field. 8 Unspecified Available 5C: Delay treatment for age/size class diversity or exceptional site quality 8 Unspecified Comments: 3 Unspecified 3 Unspecified Available 5C: Delay treatment for age/size class diversity or exceptional site quality 3 Unspecified Comments: 3 Unspecified 3 Unspecified Inavailable 5E: Long-Term Retention 3 Unspecified Comments: 3 Unspecified 3 2 Inavailable 5E: Long-Term Retention 1 Unspecified	Tricia St. Pierre : Examiner Unavailable 3A: Conservation Values at this time 21 Unspecified Unspecified Comments: A very unique stand with significant amounts of relic red and white pine with a notable amount of hemlock of values incompatible with harvest at this time 3 Unspecified Unspecified Comments: Avery unique stand with significant amounts of relic red and white pine with a notable amount of hemlock of values incompatible with harvest at this time 3 Unspecified Unspecified Comments: Pocket of natural red and white pine, some meeting legacy tree criteria. Boundaries are based on aerial image field. 8 Unspecified Unspecified Available 5C: Delay treatment for age/size class diversity or exceptional site quality 8 Unspecified Unspecified Comments: Bortion of stand is being treated in the 2024 YOE with the intent of breaking up red pine age classes. Unspecified Unspecified Available 5C: Delay treatment for age/size class diversity or exceptional site quality 3 Unspecified Unspecified Comments: along highly travelled roadway 3 Unspecified Unspecified Long term retention for parent stand 3. Composition 90% red pine (L/P), 8% red oak (L/X/P), 2% BTA (L/P); hitorompatible with harvest 3 2G: Too w	Atlanta Mgt. Unit Compartment: 17/ Year of Entry: 202 Unavailable 3A: Conservation Values incompatible with harvest at this time 21 Unspecified Unspecified Unspecified Comments: A very unique stand with significant amounts of relic red and white pine with a notable amount of hemlock of various size classes. Unavailable 3A: Conservation Values incompatible with harvest at this time 3 Unspecified Unspecified Unspecified Comments: Available 5C: Delay treatment for age/size class diversity or exceptional site quality 8 Unspecified Unspecified Unspecified Comments: SC: Delay treatment for age/size class diversity or exceptional site quality 8 Unspecified Unspecified Unspecified Comments: SC: Delay treatment for age/size class diversity or exceptional site quality 3 Unspecified Unspecified Unspecified Comments: SC: Delay treatment for age/size class diversity or exceptional site quality 3 Unspecified Unspecified Unspecified Unavailable 5C: Delay treatment for age/size class diversity or exceptional site quality 3 Unspecified Unspecified Unspecified Unavailable 5C: Delay treatment for age/size class diversity or exceptional site qua	

		Atlanta Mgt. Unit Pierre : Examiner		Report 4 – Site Condi	tions	Compartment: 176 Year of Entry: 2024	
51	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	7	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Delay treatment ar	nd manage for natural pine and o	oak. Th	nis portion of the stand occupie	s a ridge dominated by	pole oak and natural pine.	
52	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	3	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Small acreage. De the southeast.	elay treatment and manage with a	adjace	nt stands. Mucky sand with hig	h water holding capaci	y (seasonally flooded) alon	g utility line corridor to
53	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	11	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Aspen is still small	pole sized. Stand is two-aged w	rith a d	eveloping second cohort.			
54	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	4	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Subcanopy develo	ping.					
55	Available	5B: Maintain for regeneration purposes	23	5C: Delay treatment for age/size class diversity or exceptional site quality	Unspecified	Unspecified	Unspecified
	Comments: Low to moderate of	lensity subcanopy and lower bas	al area	a of canopy. Allow subcanopy t	o further mature before	removing the top.	
56	Unavailable	5A: Not able to obtain desirable regeneration	3	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Small stand with th	ne only canopy sugar maple in th	e com	partment except three mid can	opy individuals in stand	161.	

Atlanta Mgt. Unit Tricia St. Pierre : Examiner				Report 4 – Site Conc		Compartment: 176 Year of Entry: 2024		
7 Ur	navailable	2F: Too steep	10	3D: Recreational / Scenic values	Unspecified	Unspecified	Unspecified	



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



Year of Entry

Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS

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

Area SCA = Special Conservation Area	Conservation Area	Туре	Description	ERA = Ecological Reference Area HCVA = High Conservation Value Area SCA = Special Conservation Area
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Report 7 – Stands



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and	Level 4 Co	over Type	Si	Size Density		Acres Stand Age BA	Range Managed S		Site	General Comments
	42210 - Natural Red Pine Sawtimber			Mediu	•	51-80	N/A		Variable pine densities and diameters. Aspen saplings are >20' where	
-	Canopy Species	% Cover	r Size Class	DBH	Aae	Sub-Canopy Species	Density	Avg. Height	Size	the canopy is more open, 10-20+ under denser residual. Scattered
	Red Oak	10	Log/Pole/XLog	14	J •	Red Oak	Medium	Variable	Sapling	legacy red and white pine. Rare paper birch (sap) and hazelnut.
	White Pine	10	Log/Pole/XLog	12		Bracken Fern	Medium	Unspecified	Non-Wood	
	Red Pine	80	Log/Pole/XLog	14	84	White Pine	Low	Variable	Sapling	
						Pipsissewa	Trace	< 5 feet	Tall Shrub	
						Beech	Low	Variable	Sapling	
						Trailing Arbutus	Trace	< 5 feet	Tall Shrub	
						Bigtooth Aspen	High	>20 feet	Sapling	
					-	Wintergreen	Medium	< 5 feet	Tall Shrub	
					-	Balsam Fir	Low	Variable	Sapling	
					-	Black Cherry	Trace	5 - 10 feet	Sapling	
					-	Red Pine	Trace	Variable	Sapling	
						Red Maple	Medium	Variable	Sapling	
					-	Black Spruce	Trace	Variable	Sapling	
2	4130 - Aspen Sa			Sapling Well		37.1 15	1-50 N/A			Drainage through westernmost portion of stand sitting on Loamy Sand \Box (rest of the stand is just sand) with hemlock (dense in areas), log/Xlog
	Canopy Species	% Cover	r Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	red and white pine, and pole/sap balsam fir; trace cedar, paper birch, a
	Beech	1 0		2		Serviceberry (Juneberry)	Trace	< 5 feet	Sapling	black ash. Trace quaking aspen, cedar, sugar maple in canopy. Rare
	Bigtooth Aspen	70	Sapling	3	15	Blueberry/Bilberry/Cranberry	y Trace	< 5 feet	Tall Shrub	pipsissewa, bunchberry, trailing arbutus, partridge berry, sugar maple, white ash, juniper, red oak, black cherry, stiff clubmoss, striped maple,
	Red Oak	5	Log/XLog/Pole	•		\\/intorgroop	/intergreen Low <			
	Hemlock					wintergreen	LOW	< 5 feet	Tall Shrub	
		2	Log/Pole/Sap	14		Hemlock	Trace	< 5 feet Variable	Tall Shrub Sapling	and michigan holly in subcanopy. Residual stocking densities vary, from 10-100+; highest densities in we
	Balsam Fir	2	Log/Pole/Sap Pole/Sapling			0		-		and michigan holly in subcanopy. Residual stocking densities vary, from 10-100+; highest densities in we quarter of stand and along the perimeters.
			2 .	14		Hemlock	Trace	Variable	Sapling	and michigan holly in subcanopy. Residual stocking densities vary, from 10-100+; highest densities in we quarter of stand and along the perimeters. Red maple presence in sapling canopy has decreased significantly (fro
	Balsam Fir	2	Pole/Sapling	14 6	84	Hemlock Red Maple	Trace Trace	Variable Variable	Sapling Sapling	and michigan holly in subcanopy. Residual stocking densities vary, from 10-100+; highest densities in we quarter of stand and along the perimeters. Red maple presence in sapling canopy has decreased significantly (fro 20 to 5%) in the last decade from browsing pressure and aspen competition. There's more diverse hardwood here than anywhere else i
	Balsam Fir Red Pine	27	Pole/Sapling Log/Pole/XLog	14 6 14	84	Hemlock Red Maple Ironwood	Trace Trace Low	Variable Variable Variable	Sapling Sapling Sapling Tall Shrub Sapling	and michigan holly in subcanopy. Residual stocking densities vary, from 10-100+; highest densities in we quarter of stand and along the perimeters. Red maple presence in sapling canopy has decreased significantly (fro 20 to 5%) in the last decade from browsing pressure and aspen competition. There's more diverse hardwood here than anywhere else i the compartment, except stand 4 (adjacent to the northeast), though it's
	Balsam Fir Red Pine White Pine	2 7 8	Pole/Sapling Log/Pole/XLog Log/Pole/XLog	14 6 14 14	84	Hemlock Red Maple Ironwood Maple Leaved Viburnum	Trace Trace Low Trace	Variable Variable Variable 5 - 10 feet	Sapling Sapling Sapling Tall Shrub	and michigan holly in subcanopy. Residual stocking densities vary, from 10-100+; highest densities in we quarter of stand and along the perimeters. Red maple presence in sapling canopy has decreased significantly (fro 20 to 5%) in the last decade from browsing pressure and aspen competition. There's more diverse hardwood here than anywhere else i the compartment, except stand 4 (adjacent to the northeast), though it's largely undesirable (beech and ironwood saplings) with trace sugar map
	Balsam Fir Red Pine White Pine	2 7 8	Pole/Sapling Log/Pole/XLog Log/Pole/XLog	14 6 14 14	84	Hemlock Red Maple Ironwood Maple Leaved Viburnum Balsam Fir White Pine Bracken Fern	Trace Trace Low Trace Low Low	Variable Variable Variable 5 - 10 feet Variable Variable	Sapling Sapling Sapling Tall Shrub Sapling Sapling Non-Wood	and michigan holly in subcanopy. Residual stocking densities vary, from 10-100+; highest densities in we quarter of stand and along the perimeters. Red maple presence in sapling canopy has decreased significantly (fro 20 to 5%) in the last decade from browsing pressure and aspen competition. There's more diverse hardwood here than anywhere else i the compartment, except stand 4 (adjacent to the northeast), though it's largely undesirable (beech and ironwood saplings) with trace sugar map and white ash. Dense beech regen in spots. Squirrels have stripped most would-be-
	Balsam Fir Red Pine White Pine	2 7 8	Pole/Sapling Log/Pole/XLog Log/Pole/XLog	14 6 14 14	84	Hemlock Red Maple Ironwood Maple Leaved Viburnum Balsam Fir White Pine	Trace Trace Low Trace Low Low	Variable Variable Variable 5 - 10 feet Variable Variable	Sapling Sapling Tall Shrub Sapling Sapling Non-Wood Sapling	and michigan holly in subcanopy. Residual stocking densities vary, from 10-100+; highest densities in we quarter of stand and along the perimeters. Red maple presence in sapling canopy has decreased significantly (fro 20 to 5%) in the last decade from browsing pressure and aspen competition. There's more diverse hardwood here than anywhere else i the compartment, except stand 4 (adjacent to the northeast), though it's largely undesirable (beech and ironwood saplings) with trace sugar maj and white ash.
	Balsam Fir Red Pine White Pine	2 7 8	Pole/Sapling Log/Pole/XLog Log/Pole/XLog	14 6 14 14	84	Hemlock Red Maple Ironwood Maple Leaved Viburnum Balsam Fir White Pine Bracken Fern	Trace Trace Low Trace Low Low	Variable Variable 5 - 10 feet Variable Variable Unspecified	Sapling Sapling Sapling Tall Shrub Sapling Sapling Non-Wood	and michigan holly in subcanopy. Residual stocking densities vary, from 10-100+; highest densities in we quarter of stand and along the perimeters. Red maple presence in sapling canopy has decreased significantly (fro 20 to 5%) in the last decade from browsing pressure and aspen competition. There's more diverse hardwood here than anywhere else i the compartment, except stand 4 (adjacent to the northeast), though it's largely undesirable (beech and ironwood saplings) with trace sugar map and white ash. Dense beech regen in spots. Squirrels have stripped most would-be-
	Balsam Fir Red Pine White Pine	2 7 8	Pole/Sapling Log/Pole/XLog Log/Pole/XLog	14 6 14 14	84	Hemlock Red Maple Ironwood Maple Leaved Viburnum Balsam Fir White Pine Bracken Fern Red Pine	Trace Trace Low Trace Low Low Trace	Variable Variable 5 - 10 feet Variable Variable Unspecified < 5 feet	Sapling Sapling Tall Shrub Sapling Sapling Non-Wood Sapling	and michigan holly in subcanopy. Residual stocking densities vary, from 10-100+; highest densities in we quarter of stand and along the perimeters. Red maple presence in sapling canopy has decreased significantly (fro 20 to 5%) in the last decade from browsing pressure and aspen competition. There's more diverse hardwood here than anywhere else i the compartment, except stand 4 (adjacent to the northeast), though it's largely undesirable (beech and ironwood saplings) with trace sugar map and white ash. Dense beech regen in spots. Squirrels have stripped most would-be-
3	Balsam Fir Red Pine White Pine Red Maple	2 7 8	Pole/Sapling Log/Pole/XLog Log/Pole/XLog Sapling	14 6 14 14		Hemlock Red Maple Ironwood Maple Leaved Viburnum Balsam Fir White Pine Bracken Fern Red Pine Honeysuckle (spp.) Beech	Trace Trace Low Trace Low Low Low Trace Trace	Variable Variable 5 - 10 feet Variable Variable Unspecified < 5 feet < 5 feet	Sapling Sapling Tall Shrub Sapling Sapling Non-Wood Sapling Tall Shrub	and michigan holly in subcanopy. Residual stocking densities vary, from 10-100+; highest densities in we quarter of stand and along the perimeters. Red maple presence in sapling canopy has decreased significantly (from 20 to 5%) in the last decade from browsing pressure and aspen competition. There's more diverse hardwood here than anywhere else i the compartment, except stand 4 (adjacent to the northeast), though it's largely undesirable (beech and ironwood saplings) with trace sugar map and white ash. Dense beech regen in spots. Squirrels have stripped most would-be- canopy sugar maple saps.
3	Balsam Fir Red Pine White Pine Red Maple	2 7 8 5 5	Pole/Sapling Log/Pole/XLog Log/Pole/XLog Sapling	14 6 14 14 2	Well	Hemlock Red Maple Ironwood Maple Leaved Viburnum Balsam Fir White Pine Bracken Fern Red Pine Honeysuckle (spp.) Beech	Trace Trace Low Trace Low Low Low Trace Trace Low	Variable Variable 5 - 10 feet Variable Variable Unspecified < 5 feet < 5 feet Variable	Sapling Sapling Tall Shrub Sapling Sapling Non-Wood Sapling Tall Shrub	and michigan holly in subcanopy. Residual stocking densities vary, from 10-100+; highest densities in we quarter of stand and along the perimeters. Red maple presence in sapling canopy has decreased significantly (fro 20 to 5%) in the last decade from browsing pressure and aspen competition. There's more diverse hardwood here than anywhere else i the compartment, except stand 4 (adjacent to the northeast), though it's largely undesirable (beech and ironwood saplings) with trace sugar map and white ash. Dense beech regen in spots. Squirrels have stripped most would-be- canopy sugar maple saps. Three aged oak: 3% log/pole/xlog (1932 origin), 10% 4" sap/pole (1974 origin), 2% sap (2018 origin). High browsing pressure on red maple and
3	Balsam Fir Red Pine White Pine Red Maple 4130 -	2 7 8 5 5	Pole/Sapling Log/Pole/XLog Log/Pole/XLog Sapling	14 6 14 14 2	Well	Hemlock Red Maple Ironwood Maple Leaved Viburnum Balsam Fir White Pine Bracken Fern Red Pine Honeysuckle (spp.) Beech	Trace Trace Low Trace Low Low Trace Trace Low	Variable Variable 5 - 10 feet Variable Variable Unspecified < 5 feet < 5 feet Variable N/A Avg. Height	Sapling Sapling Tall Shrub Sapling Sapling Non-Wood Sapling Tall Shrub Sapling	and michigan holly in subcanopy. Residual stocking densities vary, from 10-100+; highest densities in we quarter of stand and along the perimeters. Red maple presence in sapling canopy has decreased significantly (fro 20 to 5%) in the last decade from browsing pressure and aspen competition. There's more diverse hardwood here than anywhere else i the compartment, except stand 4 (adjacent to the northeast), though it's largely undesirable (beech and ironwood saplings) with trace sugar may and white ash. Dense beech regen in spots. Squirrels have stripped most would-be- canopy sugar maple saps. Three aged oak: 3% log/pole/xlog (1932 origin), 10% 4" sap/pole (1974

Medium

Trace

Low

Low

Low

Variable

< 5 feet

Variable

< 5 feet

Variable

Red Pine

Red Maple

Bigtooth Aspen

White Pine

3

10

60

10

Log/Pole

Sapling

Sapling

Log/Pole/XLog

4

84

14

1

1

12

Red Maple

Red Pine

Beech

Blueberry/Bilberry/Cranberry

White Pine

Sapling

Sapling

Sapling

Tall Shrub

Sapling

Report 7 – Stands

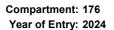


4	4199 - Other Mixe	d Upland D	eciduous Sa	awtimb	er Wel	II 3.4 97	51-80	N/A		More sugar maple poles by number, but oak crowns take up more			
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	canopy volume. A good amount of advanced sugar maple in the subcanopy, but anything less than 20' is ironwood dominated. Trace			
	White Pine	9	Log/XLog/Pole	14		Balsam Fir	Trace	Variable	Sapling	hemlock and ironwood in canopy. Rare red pine, white spruce, red oa			
	Sugar Maple	30	Pole/Log	8		Sugar Maple	Medium	>20 feet	Sapling	subcanopy. White ash snags. A decent mix of conifer on north edge.			
	Basswood	25	Log/Pole	10		Ironwood	High	Variable	Sapling	Northeast corner is domianted by white pine and red pine with hemlo basswood, and sugar maple.			
	Red Pine	1	XLog	18		Hemlock	Trace	Variable	Sapling	basswood, and sugar mapic.			
	Red Oak	35	Log/XLog	14	97	White Pine	Trace	Variable	Sapling				
						Beech	Trace	Variable	Sapling	1			
	Canopy Species		Size Class		Age	Sub-Canopy Species	Density	Avg. Height	Size				
	Coni	ferous								the majority of the stand behind that is dominated by paper birch and			
					Age		-			quaking aspen. Northwest has a lot of mixed conifer, some areas of v			
	Bigtooth Aspen	10	Pole/Sapling	6		Red Maple	Trace	Variable	Sapling	dense red pine. Trace cedar, willow, ash in canopy. Rare cedar, pin cherry (associated with bigtooth aspen), sweet fern, alternate leaf			
	Tamarack Balsam Fir	20	Sapling/Pole	4		Willow spp.	Trace	Variable Variable	Tall Shrub	dogwood, and beech in subcanopy.			
		-	Sapling/Pole	3		White Spruce	Trace		Sapling	Fairly intense browsing in spots			
	White Pine	3	Pole/Sapling Sapling/Pole	6		Blueberry/Bilberry/Cranberry	·	< 5 feet	Tall Shrub				
	Daw an Dinala		Sablind/Pole	2	25	Black Spruce	Trace	Variable	Sapling				
	Paper Birch		1 0			Wild Delete	Ma aliuwaa	\/					
	Red Oak	2	Sapling/Pole	3		Wild Raisin	Medium	Variable	Tall Shrub				
	Red Oak Jack Pine	2	Sapling/Pole Sapling/Pole	3		Michigan Holly	Medium	5 - 10 feet	Tall Shrub				
	Red Oak Jack Pine White Spruce	2 1 2	Sapling/Pole Sapling/Pole Sapling/Pole	3 4 3		Michigan Holly Bulrush	Medium Trace	5 - 10 feet Unspecified	Tall Shrub Non-Wood				
	Red Oak Jack Pine White Spruce Red Maple	2 1 2 10	Sapling/Pole Sapling/Pole Sapling/Pole Sapling	3 4 3 2		Michigan Holly Bulrush Tag Alder	Medium Trace Low	5 - 10 feet Unspecified 5 - 10 feet	Tall Shrub Non-Wood Tall Shrub				
	Red Oak Jack Pine White Spruce	2 1 2	Sapling/Pole Sapling/Pole Sapling/Pole	3 4 3	25	Michigan Holly Bulrush	Medium Trace	5 - 10 feet Unspecified	Tall Shrub Non-Wood				

hemlock, serviceberry in subcanopy. Trace hemlock on southwest edge on slight ridge.

Dec	iduous							
Canopy Species	% Cove	r Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Oak	10	Log/Pole/XLog	12		Black Cherry	Trace	Variable	Sapling
Bigtooth Aspen	15	Pole/Sap/Log	6	44	Red Maple	Medium	Variable	Sapling
Red Pine	68	Log/Pole/XLog	15	87	Pipsissewa	Trace	< 5 feet	Tall Shrul
White Pine	3	Log/Pole/XLog	12		White Pine	Trace	Variable	Sapling
Red Maple	4	Sapling/Pole/Log	3	44	Red Oak	Medium	Variable	Sapling
					Balsam Fir	Low	Variable	Sapling
					Bracken Fern	Low	Unspecified	Non-Wood
					Blueberry/Bilberry/Cranberry	Low	< 5 feet	Tall Shruk
					Beech	Trace	Variable	Sapling

Report 7 – Stands



											Year of Entry: 2024		
Stand	d Level 4 Co	over Type	Si	ize De	nsity	Acres Stand	Age BA	Range	Managed	Site	General Comments		
7	42260 - Natural Pir	ne, Mixed I	Deciduous Sa	awtimber Well		19.5 91	5	51-80	N/A		Stand boundaries have been adjusted somewhat significantly from		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy S	pecies	Density	Avg. Height	Size	original geometry. Jack pine snags present. Trace jack pine, fir, and spruce in canopy. Rare beech, spruce, and cedar in subcanopy. Slight		
	Red Oak	20	Log/XLog/Pole			White Pin	е	Low	Variable	Sapling	increase in red oak poles to the south. Drainage in the north isn't holdin		
	Bigtooth Aspen 10 Pole/Sapling		7	48	Leatherlea	atherleaf	Trace	< 5 feet	Tall Shrub	water but is damp; hemlock and balsam fir dominated with wild raisin an			
	Red Pine	35	Log/XLog/Pole	14	91	Wild Raisi	n	Trace	< 5 feet	Tall Shrub	spruce in the subcanopy. Legacy white pine and a drainage with standing water in the center of the		
	White Pine	30	Log/XLog/Pole	14		Bracken Fe	ern	Low	Unspecified	Non-Wood	stand with leatherleaf extending into adjacent stand 12. Southern		
	Red Maple	3	Pole/Sap/Log	8		Wintergree	en	Medium	< 5 feet	Tall Shrub	acreage gets moist with some standing water.		
	Hemlock	2	Log/XLog	14		Red Oak		Trace	Variable	Sapling	Stand composition is generally Log/Xlog/Pole white pine, red pine, and red oak with hemlock with a second class of pole/sap/(log) bigtooth		
						Serviceberry (Ju	neberry)	Trace	Variable	Sapling	aspen with red maple, balsam fir, and red oak.		
						Balsam F	ir	Low	Variable	Sapling			
						Hemlock		Trace	Variable	Sapling			
						Red Mapl	е	Low	Variable	Sapling			
										Tall Chaub			
8	6117 - Lowland I Coni	Deciduous iferous	, Mixed Sa	wtimb	er Wel	Blueberry/Bilberry/ 6.2 10		Low 1-110	< 5 feet	Tall Shrub	Trace cedar in canopy. Pretty simple subcanopy, lacking diversity or structure. In wettest areas, hemlock is absent and canopy closure drop		
8	Coni	ferous			er Wel	6.2 10	9 8	1-110	N/A		Trace cedar in canopy. Pretty simple subcanopy, lacking diversity or structure. In wettest areas, hemlock is absent and canopy closure drop		
8	Coni Canopy Species	ferous % Cover	· Size Class	DBH		6.2 10 Sub-Canopy S	9 8 pecies	1-110 Density	N/A Avg. Height	Size	Trace cedar in canopy. Pretty simple subcanopy, lacking diversity or structure. In wettest areas, hemlock is absent and canopy closure drop to 50-75%, becoming QA/RM dominated (Xlog/log) with balsam fir, bla ash, and holly.		
8	Coni Canopy Species Paper Birch	iferous % Cover 1	Size Class	DBH 10	er Wel	6.2 10 Sub-Canopy S Balsam F	9 8 pecies ir	1-110 Density Medium	N/A Avg. Height Variable	Size Sapling	Trace cedar in canopy. Pretty simple subcanopy, lacking diversity or structure. In wettest areas, hemlock is absent and canopy closure drop to 50-75%, becoming QA/RM dominated (Xlog/log) with balsam fir, bla ash, and holly. Hemlock is dominant on Au Gres Sand; Rubicon Sand supports more		
8	Coni Canopy Species Paper Birch Balsam Fir	iferous % Cover 1 2	Size Class Log/Pole Pole/Log	DBH 10 8	er Wel	6.2 10 Sub-Canopy S Balsam F Hemlock	9 8 pecies ir	Density Medium Trace	N/A Avg. Height Variable Variable	Size Sapling Sapling	Trace cedar in canopy. Pretty simple subcanopy, lacking diversity or structure. In wettest areas, hemlock is absent and canopy closure drop to 50-75%, becoming QA/RM dominated (Xlog/log) with balsam fir, bla ash, and holly. Hemlock is dominant on Au Gres Sand; Rubicon Sand supports more of the maple and aspen with hemlock.		
8	Coni Canopy Species Paper Birch Balsam Fir Quaking Aspen	iferous % Cover 1 2 30	 Size Class Log/Pole Pole/Log Log/XLog 	DBH 10 8 16	er Wel	6.2 10 Sub-Canopy S Balsam F Hemlock Michigan He	9 8 pecies ir olly	1-110 Density Medium Trace Low	N/A Avg. Height Variable Variable 5 - 10 feet	Size Sapling Sapling Tall Shrub	Trace cedar in canopy. Pretty simple subcanopy, lacking diversity or structure. In wettest areas, hemlock is absent and canopy closure drop to 50-75%, becoming QA/RM dominated (Xlog/log) with balsam fir, bla ash, and holly. Hemlock is dominant on Au Gres Sand; Rubicon Sand supports more of the maple and aspen with hemlock.		
8	Coni Canopy Species Paper Birch Balsam Fir Quaking Aspen Hemlock	iferous % Cover 1 2 30 35	Size Class Log/Pole Pole/Log Log/XLog Log/Pole	DBH 10 8 16 13	er Wel	6.2 10 Sub-Canopy S Balsam F Hemlock Michigan He Black Ast	9 8 pecies ir billy	Density Medium Trace Low Trace	N/A Avg. Height Variable Variable 5 - 10 feet Variable	Size Sapling Sapling Tall Shrub Sapling	Trace cedar in canopy. Pretty simple subcanopy, lacking diversity or structure. In wettest areas, hemlock is absent and canopy closure drop to 50-75%, becoming QA/RM dominated (Xlog/log) with balsam fir, bla ash, and holly. Hemlock is dominant on Au Gres Sand; Rubicon Sand supports more of the maple and aspen with hemlock.		
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	Coni Canopy Species Paper Birch Balsam Fir Quaking Aspen Hemlock Red Oak 4139 - Aspen, M Canopy Species	iferous % Cover 1 2 30 35 2	Size Class Log/Pole Pole/Log Log/XLog Log/Pole Pole/Log iduous Po	DBH 10 8 16 13 8 letimk	er Wel	6.2 10 Sub-Canopy S Balsam F Hemlock Michigan Ha Black Asl Red Mapl 17.6 47 Sub-Canopy S	9 8 pecies ir billy n e pecies	Density Medium Trace Low Trace Low	N/A Avg. Height Variable 5 - 10 feet Variable Variable N/A Avg. Height	Size Sapling Sapling Tall Shrub Sapling Sapling Size	Trace cedar in canopy. Pretty simple subcanopy, lacking diversity or structure. In wettest areas, hemlock is absent and canopy closure drop to 50-75%, becoming QA/RM dominated (Xlog/log) with balsam fir, bla ash, and holly. Hemlock is dominant on Au Gres Sand; Rubicon Sand supports more of the maple and aspen with hemlock. Drainage through stand has been broken out into a lowland shrub stand East of drainage is pretty wet; a lot of standing water, sapling/pole dominated with scattered log white pine. Majority of pine and almost all		
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	Coni Canopy Species Paper Birch Balsam Fir Quaking Aspen Hemlock Red Oak 4139 - Aspen, N Canopy Species Paper Birch	iferous % Cover 1 2 30 35 2 Mixed Dec % Cover 1 1	Size Class Log/Pole Pole/Log Log/XLog Log/Pole Pole/Log iduous Po Size Class Sapling/Pole Pole/Sapling Pole/Sapling	DBH 10 8 16 13 8 letimb DBH 4	er Wel	6.2 10 Sub-Canopy S Balsam F Hemlock Michigan He Black Ast Red Mapl 17.6 47 Sub-Canopy S Michigan He Wild Raisi Red Mapl	9 8 pecies ir billy h e pecies pecies billy n e	Density Medium Trace Low Trace Low 51-80 Density Trace	N/A Avg. Height Variable 5 - 10 feet Variable Variable N/A Avg. Height 5 - 10 feet 5 - 10 feet Variable	Size Sapling Sapling Tall Shrub Sapling Sapling Size Tall Shrub Tall Shrub Sapling	Trace cedar in canopy. Pretty simple subcanopy, lacking diversity or structure. In wettest areas, hemlock is absent and canopy closure drop to 50-75%, becoming QA/RM dominated (Xlog/log) with balsam fir, bla ash, and holly. Hemlock is dominant on Au Gres Sand; Rubicon Sand supports more of the maple and aspen with hemlock. Drainage through stand has been broken out into a lowland shrub stand East of drainage is pretty wet; a lot of standing water, sapling/pole dominated with scattered log white pine. Majority of pine and almost all cherry is concentrated in this east portion. West is more upland but a lo of standing water yet, pole/sap composition dominated by quaking aspe with some bigtooth and scattered log/Xlog red oak, white pine, and		
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Report 7 – Stands



	Atlanta Mgt. Unit					Kep				Year of Entry: 2024		
Stand	Level 4 C	over Type	S	Size Densit	y Ac	res Stand Age E	BA Range	Managed	Site	General Comments		
10	4133 - Aspen, Mixed Pine Poletimber W			Vell 56.9	6.9 36	51-80			Trace jack pine, black cherry, balsam poplar in canopy. Scattered			
	Canopy Species	% Cove	Size Class	DBH Ag	e Sul	o-Canopy Species	Density	Avg. Height	Size	residual Log/Xlog red oak. Rare pin cherry, round leaved dogwood, hawthorn in subcanopy. Trace residual log red pine along north and we		
	White Pine	4	Pole/Log	8		Sugar Maple	Trace	>20 feet	Sapling	boundaries along the roads as visual management. Some hummocky		
(Quaking Aspen	15	Pole/Sap/Log	6		White Ash		Variable	Sapling	areas throughout the stand, generally associated with an increase in		
	Red Pine	30	Pole/Sap/Log	7		Beech	Trace	Variable	Sapling	balsam fir, quaking aspen, hemlock, paper birch, and maple leaved viburnum. These areas might hold water for part of the year. Occurrent		
	Paper Birch	1	Sapling/Pole	4		White Spruce	Trace	Variable	Sapling	of white ash increases in the southeast. Trace sweetfern in the more		
	Red Oak	3	Pole/Sap/Log	8	Servi	ceberry (Juneberry	') Low	Variable	Sapling	open areas in the west. Southern tip is smaller in overall diameter and		
	Bigtooth Aspen	45	Pole/Sap/Log	7 36	Mapl	e Leaved Viburnum	n Low	< 5 feet	Tall Shrub	has a much higher concentration of subcanopy oak.		
	Red Maple	2	Sapling/Pole	4	На	zelnut (American)	Trace	5 - 10 feet	Tall Shrub			
		- I - I		1 1	-	Black Cherry	Trace	Variable	Sapling			
						Hemlock	Trace	Variable	Sapling			
						White Pine	Trace	>20 feet	Pole			
						Red Pine	Medium	Variable	Sapling			
						Ironwood	Trace	Variable	Sapling			
						Red Maple	Low	Variable	Sapling			
						White Pine	Low	Variable	Sapling			
						Red Oak	Low	Variable	Sapling			
						Balsam Fir	Low	5 - 10 feet	Sapling			
11	42110 - Pla	inted Red F	Pine S:	awtimber W	ell 66	6.3 87	111-140	N/A		Two aged aspen and red maple (and trace oak): 48 year old pole/sap		
	Canopy Species		Size Class	DBH Ag		o-Canopy Species		Avg. Height	Size	85 year old log/pole. Trace jack pine (scattered jp snags), white pine ir		
	Red Maple	1	Log/Pole	10	-	Bracken Fern	Low	Unspecified	Non-Wood	canopy. More consistent canopy oak in the north quarter of stand; poor of legacy pine with an increase in log/xlog red oak, red maple, bigtooth		
	Red Oak	13	Log/XLog/Pole		Bluebe	rry/Bilberry/Cranbe		< 5 feet	Tall Shrub	aspen (and an increase of white pine and balsam fir in the subcanopy		
	Bigtooth Aspen	2	Log/Pole/Sap			Bigtooth Aspen	Trace	>20 feet	Sapling	Small pocket along the north edge of natural red pine with trace legac		
	Red Pine	84	Log/Pole/XLog			Beech	Trace	Variable	Sapling	pine. Decent advanced red oak, red maple regeneration. One maple leaved		
		-				Balsam Fir	Trace	Variable	Sapling	viburnum in north. Rare black cherry, red pine, serviceberry, pipsissev		
						White Pine	Low	Variable		and bearberry in subcanopy. Trace scattered relic red pine. White pin		
						White Pine	Low Medium	Variable Variable	Sapling	and bearberry in subcanopy. Trace scattered relic red pine. White pin and balsam fir subcanopy is patchy - trace to low across the stand.		
										and bearberry in subcanopy. Trace scattered relic red pine. White pine		

Report 7 – Stands

Compartment: 176 Year of Entry: 2024

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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed	Site	General Comments
12	3103 - Rubus-Fern	Nonstocked	7.7	0	Unspecified	4211 - Planted	Red Pine	Trenching for the planting of red pine was completed on 5/29/22.
			Sub-Ca	nopy Specie	es Density	Avg. Height	Size	Roller chopping was completed on 9/3/21. Residual sap/pole conifers and red maple along road edge; two small
		-	Wł	nite Pine	Trace	Variable	Sapling	clumps of log pine (also along road edge). Scattered stressed red pine
		-	Win	ntergreen	Low	< 5 feet	Tall Shrub	volunteers. Tiny leatherleaf bog inclusion in northwest with dampness to
			Re	ed Pine	Trace	< 5 feet	Sapling	the surrounding area. Rare bulrush.
			Lea	atherleaf	Trace	< 5 feet	Tall Shrub	
			Bigtooth Aspen Black Spruce Jack Pine		Trace	< 5 feet	Sapling	
					Trace	< 5 feet	Sapling	
					Trace	Variable	Sapling	
			В	ulrush	Trace	Unspecified	Non-Wood	
			Red Oak Red Maple		Trace	< 5 feet	Sapling	
					Low	< 5 feet	Sapling	
			Blueberry/B	ilberry/Crant	perry Medium	< 5 feet	Tall Shrub	
			Trailir	ng Arbutus	Trace	< 5 feet	Tall Shrub	
			Ba	lsam Fir	Trace	< 5 feet	Sapling	
13	3103 - Rubus-Fern	Nonstocked	11.6	0	Unspecified	4211 - Planted	Red Pine	Trenching for the planting of red pine was completed on 5/29/22. Roller
			Sub-Ca	nopy Specie	es Density	Avg. Height	Size	chopped in September 2021. 10" of snow depth made it difficult to gauge ground flora. Some stress to red pine (volunteers) above snow.
			Re	d Maple	Medium	< 5 feet	Sapling	
			Re	ed Pine	Trace	>20 feet	Log	
			Sw	eet Fern	Low	< 5 feet	Tall Shrub	
			Re	ed Pine	Low	< 5 feet	Sapling	
			Brac	cken Fern	Medium	Unspecified	Non-Wood	
			R	ed Oak	Medium	< 5 feet	Sapling	
14	122 - Road/Parking Lot	Nonstocked	13.9		Unspecified	No		Doriva Beach Road, paved county road.



tand	Level 4 Co	over Type	Si	ize Dei	nsity	Acres Stand Age E	A Range	Managed S	Site	General Comments
15	42110 - Plar	nted Red P	'ine Sa	wtimbe	er Well	72.6 89	81-110	N/A		Trace red maple (east edge only) in canopy. Rare jack pine, hemlock,
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	sweet fern, round leaf dogwood, white ash, striped maple in subcanopy. Maple leaved viburnum is more prominent in northeast, as is hawthorn.
	White Pine	1	Log/Pole/XLog	12		Red Maple	High	Variable	Sapling	Some advanced red maple, oak, and aspen saplings. Oak and maple
	Red Pine	94	Log/Pole	12	89	Bigtooth Aspen	Medium	>20 feet	Sapling	alternate between medium and high stocking. One paper birch sap >20
	Red Oak	5	Log/Pole/XLog	12		Blueberry/Bilberry/Cranbe	rry Low	< 5 feet	Tall Shrub	few jack pine saps along north edge of stand. Scattered relic red pine in south and west. Area along southwest edge
						Balsam Fir	Trace	Variable	Sapling	includes a couple acres of natural red and white pine with oak.
						Maple Leaved Viburnum	Low	< 5 feet	Tall Shrub	
						Serviceberry (Juneberry) Low	Variable	Tall Shrub	
						Beech	Medium	Variable	Sapling	
						Hazelnut (Spp.)	Trace	5 - 10 feet	Tall Shrub	
						Red Oak	High	Variable	Sapling	
						Bracken Fern	Low	Unspecified	Non-Wood	
						White Pine	Medium	Variable	Sapling	
						Red Pine	Trace	>20 feet	Sapling	
						Hawthorn (spp.)	Trace	< 5 feet	Tall Shrub	
16	4191 - Mixed Upla Co Canopy Species	and Deciduo onifer % Cover		wtimbe		5.0 97 Sub-Canopy Species	81-110 Density	N/A Avg. Height	Size	From south to north: stand transitions from oak/bigtooth/white pine/red pine to a wet drainage with dense fir; lesser aspen, red maple, white pine, and trace hemlock and cedar; then to fir (pole/sap/log) with supersentative size.
16	Co	onifer							Size Tall Shrub	pine to a wet drainage with dense fir; lesser aspen, red maple, white pine, and trace hemlock and cedar; then to fir (pole/sap/log) with supercanopy quaking and bigtooth aspen, red maple, white pine,
16	Co Canopy Species	onifer % Cover	Size Class	DBH		Sub-Canopy Species	Density	Avg. Height		pine to a wet drainage with dense fir; lesser aspen, red maple, white pine, and trace hemlock and cedar; then to fir (pole/sap/log) with
	Co Canopy Species Balsam Fir	onifer % Cover 3	Size Class Pole/Log/Sap	DBH		Sub-Canopy Species Wintergreen	Density Medium	Avg. Height < 5 feet	Tall Shrub	pine to a wet drainage with dense fir; lesser aspen, red maple, white pine, and trace hemlock and cedar; then to fir (pole/sap/log) with supercanopy quaking and bigtooth aspen, red maple, white pine, hemlock, red pine, before returning to oak and aspen (with red maple) the north. Trace hemlock and cedar saps in very wet area, just north of
	Co Canopy Species Balsam Fir White Pine	Cover 3 23	Size Class Pole/Log/Sap Log/XLog/Pole	DBH 8 14		Sub-Canopy Species Wintergreen Red Maple	Density Medium Low	Avg. Height < 5 feet Variable	Tall Shrub Sapling	pine to a wet drainage with dense fir; lesser aspen, red maple, white pine, and trace hemlock and cedar; then to fir (pole/sap/log) with supercanopy quaking and bigtooth aspen, red maple, white pine, hemlock, red pine, before returning to oak and aspen (with red maple) the north. Trace hemlock and cedar saps in very wet area, just north of W road.
	Co Canopy Species Balsam Fir White Pine Quaking Aspen	% Cover 3 23 1	Size Class Pole/Log/Sap Log/XLog/Pole XLog/Log	DBH 8 14 18		Sub-Canopy Species Wintergreen Red Maple Pipsissewa	DensityMediumLowTrace	Avg. Height < 5 feet Variable < 5 feet	Tall Shrub Sapling Tall Shrub	pine to a wet drainage with dense fir; lesser aspen, red maple, white pine, and trace hemlock and cedar; then to fir (pole/sap/log) with supercanopy quaking and bigtooth aspen, red maple, white pine, hemlock, red pine, before returning to oak and aspen (with red maple) the north. Trace hemlock and cedar saps in very wet area, just north of W road.
	Co Canopy Species Balsam Fir White Pine Quaking Aspen Red Pine	% Cover 3 23 1 2	Size Class Pole/Log/Sap Log/XLog/Pole XLog/Log XLog/Log	DBH 8 14 18 18		Sub-Canopy Species Wintergreen Red Maple Pipsissewa Trailing Arbutus	DensityMediumLowTraceTrace	Avg. Height < 5 feet Variable < 5 feet < 5 feet	Tall Shrub Sapling Tall Shrub Tall Shrub	pine to a wet drainage with dense fir; lesser aspen, red maple, white pine, and trace hemlock and cedar; then to fir (pole/sap/log) with supercanopy quaking and bigtooth aspen, red maple, white pine, hemlock, red pine, before returning to oak and aspen (with red maple) the north. Trace hemlock and cedar saps in very wet area, just north of W road.

Report 7 – Stands

Compartment: 176 Year of Entry: 2024

Stand	Level 4 Co	ver Type	e Si	ize Density	Acres	Stand Age	BA Range	Managed	Site	General Comments
17	3102 -	Grass	٢	Nonstocked	54.0	0	Unspecified	4211 - Planted	Red Pine	For the southern 26 acres of this stand the Herbicide application was
					Sub-Ca	nopy Specie	s Density	Avg. Height	Size	completed on 6/23/2022. The north 13 acres of this stand has a herbicide start date of 10/1/22.
					Bra	cken Fern	High	Unspecified	Non-Wood	Trenching for the planting of red pine was completed on 5/29/22.
					R	led Oak	Medium	< 5 feet	Sapling	Northwest third was roller chopped 9/21. Scattered red maple, red oak,
					Sw	veet Fern	Low	< 5 feet	Tall Shrub	ironwood, beech, red pine saplings. Sweet fern, serviceberry, raspberry, and maple leaved viburnum present.
					Re	ed Maple	Medium	< 5 feet	Sapling	Southern 2/3s also roller chopped. Spotted knapweed on N-S trail edge.
					Servicebe	erry (Juneberi	ry) Low	< 5 feet	Tall Shrub	More sweet fern east of N-S trail; more red pine saps, too. Higher canopy
					W	hite Pine	Trace	< 5 feet	Sapling	occupancy (>3'), red maple and oak dominated, in far east and west ends.
					Blackbe	erry/Raspberry	y Trace	< 5 feet	Tall Shrub	Retention islands:
					Pi	n Cherry	Trace	< 5 feet	Sapling	North: 95% RP, 5% RO; full RM, BTA, RO subcanonopy with trace
					Ir	onwood	Trace	< 5 feet	Sapling	hazelnut, serviceberry, and white pine. South: RP 05% L/P, RO 5% LPX. Medium to high stocking of RM, RO,
					Bigto	ooth Aspen	Low	Variable	Sapling	beech, Serviceberry.
					Maple Le	aved Viburnu	m Trace	< 5 feet	Tall Shrub	Larger western retention could be split out into its own stand. 50-75%
						Beech	Trace	< 5 feet	Sapling	forested: 45% WP LXP, 39% RP LXP, 15% RO LXP, 1% RM Pole, 112+ years old; saturated soils, seasonal surface water. Beautiful natural pine.
					R	ed Pine	Trace	< 5 feet	Sapling	Subcanopy with varying densities of WP, RP, serviceberry, RM, bta,
										beech, wintergreen, maple leaved viburnum, BF, WA, hazelnut. FTP C54-1096 Roller Chopped on 7/29/17 FTP 54-1131 Roller chopping was completed on 9/3/21.
18	4191 - Mixed Uplar Cor	nd Decid nifer	uous with Sa	wtimber Well	12.0	108	81-110	N/A		Stand boundaries were adjusted resulting in canopy composition change Trace balsam fir in canopy. Rare jack pine (+ jack pine snags), red oak, paper birch in canopy.
	Canopy Species	% Cove	r Size Class	DBH Age	Sub-Ca	nopy Specie	s Density	Avg. Height	Size	South third of stand is much more homogeneous: bigtooth with red oak
	Hemlock	1	Log/Pole/XLog	12		Beech	Trace	Variable	Sapling	(log/xlog), trace red maple white pine, red pine in canopy and a simplified
	White Pine	20	Log/Pole/XLog	14	Wi	ntergreen	Low	< 5 feet	Tall Shrub	subcanopy of medium stocked balsam fir and white pine with trace red
	Red Oak	20	Log/XLog/Pole	14	Re	ed Maple	Low	Variable	Sapling	maple and red pine. North third is a red and white pine mix with red maple, oak, and aspen. Wet drainage in center with legacy red and white
	Red Pine	10	Log/XLog/Pole	14	H	lemlock	Trace	Variable	Sapling	pine and a pocket of dense hemlock (log/pole/xlog/sap) on the east side
	Quaking Aspen	5	Log/XLog	16	R	led Oak	Low	Variable	Sapling	of the drainage.
	Red Maple	15	Pole/Log	8	Ba	alsam Fir	Medium	Variable	Sapling	
	Jack Pine	1	Log/Pole	10	W	hite Pine	Medium	Variable	Sapling	

Trace

Variable

Sapling

Bigtooth Aspen

28

Log/XLog/Pole 14 108

Red Pine

Report 7 – Stands

OF NATURAL PL

	, And	Atlanta Mg	gt. Unit				Rep	ort 7 – Sta	ands		Compartment: 176 Year of Entry: 2024
Stand	Level 4 C	over Type	S	ize De	nsity	Acres	Stand Age E	BA Range	Managed	Site	General Comments
19	4191 - Mixed Upla Co	and Decidu onifer	ious with Sa	wtimb	er Well	15.9	82	141-170	N/A		Trace white pine, red maple, white ash in canopy. Rare balsam fir, white ash, honeysuckle in subcanopy. Trace scattered xlog bigtooth aspen and
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	red oak. Some rather steep slopes. Land Use Order prohibits use of two track/trail along the north edge and
	Bigtooth Aspen	25	Log/Pole	12		Red	Maple	Medium	Variable	Sapling	northeast interior of this stand and should be monitored for compliance.
	Red Pine	40	Log/Pole/XLog	12	82	Wint	ergreen	Trace	< 5 feet	Tall Shrub	
	Red Oak	35	Log/Pole	13		Re	d Oak	Low	Variable	Sapling	
						Maple Lea	ved Viburnum	n Low	< 5 feet	Tall Shrub	
						Re	d Pine	Low	Variable	Sapling	
						Serviceber	ry (Juneberry) Medium	Variable	Sapling	
						Hawth	orn (spp.)	Trace	5 - 10 feet	Tall Shrub	
						Round Lea	ved Dogwood	d Trace	< 5 feet	Tall Shrub	
							te Pine	Low	Variable	Sapling	
						Blueberry/Bil	berry/Cranbe	rry Low	< 5 feet	Tall Shrub	
							eech	Low	5 - 10 feet	Sapling	
		Ded Dine	Mixed Saw	timber	Mediu	m 206.1	84	81-110	N/A		Rare huckleberry, stiff clubmoss, trailing arbutus, white spruce, bearberry
20	42111 - Planted Dec	iduous									in subcanopy. Observed two white pine mixing with canopy, three Xlog
		iduous	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	red pine.
	Dec	iduous		DBH 16	Age		opy Species sam Fir	Density Low	Avg. Height Variable		Gaps contain decent advanced regeneration, a mix of oak, aspen, jack
	Dec Canopy Species	iduous % Cover	Size Class	16	Age 84	Bals				Size Sapling Sapling	red pine.
	Dec Canopy Species Red Oak	iduous % Cover 40	Size Class			Bals Bigtoo	sam Fir	Low	Variable	Sapling	red pine. Gaps contain decent advanced regeneration, a mix of oak, aspen, jack pine, and red maple across the stand. Most canopy oak is multi- stemmed, low grade. Heavy browsing on oak and maple saplings.
	Dec Canopy Species Red Oak	iduous % Cover 40	Size Class	16		Bals Bigtoo Brack	sam Fir th Aspen	Low Medium Medium	Variable >20 feet	Sapling Sapling Non-Wood	red pine. Gaps contain decent advanced regeneration, a mix of oak, aspen, jack pine, and red maple across the stand. Most canopy oak is multi- stemmed, low grade.
	Dec Canopy Species Red Oak	iduous % Cover 40	Size Class	16		Bals Bigtoo Brack Re	sam Fir th Aspen ken Fern	Low Medium	Variable >20 feet Unspecified	Sapling Sapling Non-Wood Sapling	red pine. Gaps contain decent advanced regeneration, a mix of oak, aspen, jack pine, and red maple across the stand. Most canopy oak is multi- stemmed, low grade. Heavy browsing on oak and maple saplings.
	Dec Canopy Species Red Oak	iduous % Cover 40	Size Class	16		Bals Bigtoo Brack Re Jac	sam Fir th Aspen ken Fern d Oak	Low Medium Medium High	Variable >20 feet Unspecified Variable	Sapling Sapling Non-Wood Sapling Sapling	red pine. Gaps contain decent advanced regeneration, a mix of oak, aspen, jack pine, and red maple across the stand. Most canopy oak is multi- stemmed, low grade. Heavy browsing on oak and maple saplings.
	Dec Canopy Species Red Oak	iduous % Cover 40	Size Class	16		Bals Bigtoo Brack Re Jac	sam Fir th Aspen ken Fern d Oak k Pine	Low Medium Medium High Low	Variable >20 feet Unspecified Variable Variable	Sapling Sapling Non-Wood Sapling Sapling Sapling	red pine. Gaps contain decent advanced regeneration, a mix of oak, aspen, jack pine, and red maple across the stand. Most canopy oak is multi- stemmed, low grade. Heavy browsing on oak and maple saplings. Landing in southwest has a high stocking of red pine saplings >20'.
	Dec Canopy Species Red Oak	iduous % Cover 40	Size Class	16		Bals Bigtoo Brack Re Jac Whi Swe	sam Fir th Aspen ken Fern d Oak k Pine te Pine et Fern	Low Medium Medium High Low Low Trace	Variable >20 feet Unspecified Variable Variable < 5 feet	Sapling Sapling Non-Wood Sapling Sapling Sapling Tall Shrub	red pine. Gaps contain decent advanced regeneration, a mix of oak, aspen, jack pine, and red maple across the stand. Most canopy oak is multi- stemmed, low grade. Heavy browsing on oak and maple saplings. Landing in southwest has a high stocking of red pine saplings >20'.
	Dec Canopy Species Red Oak	iduous % Cover 40	Size Class	16		Bals Bigtoo Brack Re Jac Vhi Swe Re	sam Fir th Aspen ken Fern d Oak k Pine te Pine	Low Medium Medium High Low Low	Variable >20 feet Unspecified Variable Variable Variable	Sapling Sapling Non-Wood Sapling Sapling Sapling	red pine. Gaps contain decent advanced regeneration, a mix of oak, aspen, jack pine, and red maple across the stand. Most canopy oak is multi- stemmed, low grade. Heavy browsing on oak and maple saplings. Landing in southwest has a high stocking of red pine saplings >20'.
	Dec Canopy Species Red Oak	iduous % Cover 40	Size Class	16		Bals Bigtoo Brack Re Jac Whi Swe Re Pips	sam Fir th Aspen ken Fern d Oak k Pine te Pine et Fern d Pine sissewa	Low Medium Medium High Low Low Trace Trace Trace	Variable >20 feet Unspecified Variable Variable < 5 feet Variable	Sapling Sapling Non-Wood Sapling Sapling Tall Shrub Sapling Tall Shrub	red pine. Gaps contain decent advanced regeneration, a mix of oak, aspen, jack pine, and red maple across the stand. Most canopy oak is multi- stemmed, low grade. Heavy browsing on oak and maple saplings. Landing in southwest has a high stocking of red pine saplings >20'.
	Dec Canopy Species Red Oak	iduous % Cover 40	Size Class	16		Bals Bigtoo Brack Re Jac Whi Swe Re Pips Serviceber	sam Fir th Aspen ken Fern d Oak k Pine te Pine et Fern d Pine	Low Medium Medium High Low Low Trace Trace Trace	Variable >20 feet Unspecified Variable Variable < 5 feet Variable < 5 feet	Sapling Sapling Non-Wood Sapling Sapling Tall Shrub Sapling Tall Shrub Sapling	red pine. Gaps contain decent advanced regeneration, a mix of oak, aspen, jack pine, and red maple across the stand. Most canopy oak is multi- stemmed, low grade. Heavy browsing on oak and maple saplings. Landing in southwest has a high stocking of red pine saplings >20'.
	Dec Canopy Species Red Oak	iduous % Cover 40	Size Class	16	84	Bals Bigtoo Brack Re Jac Whi Swe Re Pips Serviceber B	sam Fir th Aspen ken Fern d Oak k Pine te Pine et Fern d Pine sissewa ry (Juneberry eech	Low Medium Medium Low Low Trace Trace Trace Trace	Variable >20 feet Unspecified Variable Variable < 5 feet Variable < 5 feet Variable Variable	Sapling Sapling Non-Wood Sapling Sapling Tall Shrub Sapling Tall Shrub Sapling Sapling	red pine. Gaps contain decent advanced regeneration, a mix of oak, aspen, jack pine, and red maple across the stand. Most canopy oak is multi- stemmed, low grade. Heavy browsing on oak and maple saplings. Landing in southwest has a high stocking of red pine saplings >20'.
	Dec Canopy Species Red Oak	iduous % Cover 40	Size Class	16	84	Bals Bigtoo Brack Re Jac Whi Swe Re Pips Serviceber Blueberry/Bil	sam Fir th Aspen ken Fern d Oak k Pine te Pine et Fern d Pine sissewa ry (Juneberry eech berry/Cranbe	Low Medium Medium Low Low Trace Trace Trace Trace Trace Low	Variable >20 feet Unspecified Variable Variable < 5 feet Variable < 5 feet Variable < 5 feet	Sapling Sapling Non-Wood Sapling Sapling Tall Shrub Sapling Tall Shrub Sapling Sapling Tall Shrub	red pine. Gaps contain decent advanced regeneration, a mix of oak, aspen, jack pine, and red maple across the stand. Most canopy oak is multi- stemmed, low grade. Heavy browsing on oak and maple saplings. Landing in southwest has a high stocking of red pine saplings >20'.
	Dec Canopy Species Red Oak	iduous % Cover 40	Size Class	16	84	Bals Bigtoo Brack Re Jac Whi Swe Re Pips Serviceber Blueberry/Bil	sam Fir th Aspen ken Fern d Oak k Pine te Pine et Fern d Pine sissewa ry (Juneberry eech	Low Medium Medium Low Low Trace Trace Trace Trace	Variable >20 feet Unspecified Variable Variable < 5 feet Variable < 5 feet Variable Variable	Sapling Sapling Non-Wood Sapling Sapling Tall Shrub Sapling Tall Shrub Sapling Sapling	red pine. Gaps contain decent advanced regeneration, a mix of oak, aspen, jack pine, and red maple across the stand. Most canopy oak is multi- stemmed, low grade. Heavy browsing on oak and maple saplings. Landing in southwest has a high stocking of red pine saplings >20'.
	Dec Canopy Species Red Oak Red Pine 42290 - Natu	iduous	Size Class Log/XLog/Pole Log/Pole	16 13 wtimb	84 er Well	Bals Bigton Brack Re Jac Whi Swe Re Pips Serviceber Blueberry/Bil Red 2.6	sam Fir th Aspen cen Fern d Oak k Pine te Pine et Fern d Pine sissewa ry (Juneberry eech berry/Cranbe Maple	Low Medium Medium Low Low Trace Trace Trace Trace Low Medium	Variable >20 feet Unspecified Variable Variable < 5 feet Variable < 5 feet Variable < 5 feet 10 - 20 feet	Sapling Sapling Non-Wood Sapling Sapling Tall Shrub Sapling Tall Shrub Sapling Tall Shrub Sapling Sapling	red pine. Gaps contain decent advanced regeneration, a mix of oak, aspen, jack pine, and red maple across the stand. Most canopy oak is multi- stemmed, low grade. Heavy browsing on oak and maple saplings. Landing in southwest has a high stocking of red pine saplings >20'.
21	Canopy Species Red Oak Red Pine 42290 - Natu Canopy Species	iduous	Size Class Log/XLog/Pole Log/Pole Pine Sa Size Class	16 13 wtimb	84	Bals Bigtoo Brack Re Jac Whi Swe Re Pips Serviceber Blueberry/Bil Red 2.6 Sub-Can	sam Fir th Aspen ken Fern d Oak k Pine te Pine et Fern d Pine issewa ry (Juneberry) eech berry/Cranbe Maple 133 opy Species	Low Medium Medium Low Low Trace Trace Trace Trace Trace Low Medium	Variable >20 feet Unspecified Variable Variable < 5 feet Variable < 5 feet Variable < 5 feet 10 - 20 feet N/A Avg. Height	Sapling Sapling Non-Wood Sapling Sapling Tall Shrub Sapling Tall Shrub Sapling Tall Shrub Sapling Sapling Sapling	red pine. Gaps contain decent advanced regeneration, a mix of oak, aspen, jack pine, and red maple across the stand. Most canopy oak is multi- stemmed, low grade. Heavy browsing on oak and maple saplings. Landing in southwest has a high stocking of red pine saplings >20'. Trace paper birch in canopy. Drainage through stand originating in the east and flowing SW. Small wet depression in east supports alder, cedar, red maple, quaking aspen. Some two aged quaking aspen red oak, red
	Canopy Species Red Oak Red Pine 42290 - Natu Canopy Species Red Oak	iduous * Cover 40 60 40 40 40 40 40 40 40 40 40 4	Pine Sa Size Class Log/Pole Size Class Pole/Log	16 13 wtimb DBH 8	84 er Well Age	Bals Bigtoo Brack Re Jac Whi Swe Re Pips Serviceber Blueberry/Bil Red 2.6 Sub-Can Tag	sam Fir th Aspen ken Fern d Oak k Pine te Pine et Fern d Pine issewa ry (Juneberry eech berry/Cranbe Maple 133 opy Species g Alder	Low Medium Medium Low Low Trace Trace Trace Trace Low Medium	Variable >20 feet Unspecified Variable Variable < 5 feet Variable < 5 feet Variable < 5 feet 10 - 20 feet N/A Avg. Height 10 - 20 feet	Sapling Sapling Non-Wood Sapling Sapling Tall Shrub Sapling Tall Shrub Sapling Tall Shrub Sapling Sapling	red pine. Gaps contain decent advanced regeneration, a mix of oak, aspen, jack pine, and red maple across the stand. Most canopy oak is multi- stemmed, low grade. Heavy browsing on oak and maple saplings. Landing in southwest has a high stocking of red pine saplings >20'. Trace paper birch in canopy. Drainage through stand originating in the east and flowing SW. Small wet depression in east supports alder, cedar, red maple, quaking aspen. Some two aged quaking aspen red oak, red maple on perimeter and a little in the stand itself.
21	Canopy Species Red Oak Red Pine Action Red Pine Ation	iduous % Cover 40 60 40 40 40 40 40 40 40 40 40 4	Size Class Log/XLog/Pole Log/Pole Pine Sa Size Class	16 13 wtimb	84 er Well	Bals Bigtoo Brack Re Jac Whi Swe Re Pips Serviceber Blueberry/Bil Red 2.6 Sub-Can Tag Red	sam Fir th Aspen ken Fern d Oak k Pine te Pine et Fern d Pine sissewa ry (Juneberry eech berry/Cranbe Maple 133 opy Species g Alder Maple	Low Medium Medium Low Low Trace Trace Trace Trace Trace Low Medium	Variable >20 feet Unspecified Variable Variable < 5 feet Variable < 5 feet Variable Variable < 5 feet 10 - 20 feet N/A Avg. Height 10 - 20 feet	Sapling Sapling Non-Wood Sapling Sapling Tall Shrub Sapling Tall Shrub Sapling Tall Shrub Sapling Tall Shrub Sapling	red pine. Gaps contain decent advanced regeneration, a mix of oak, aspen, jack pine, and red maple across the stand. Most canopy oak is multi- stemmed, low grade. Heavy browsing on oak and maple saplings. Landing in southwest has a high stocking of red pine saplings >20'. Landing in southwest has a high stocking of red pine saplings >20'. Trace paper birch in canopy. Drainage through stand originating in the east and flowing SW. Small wet depression in east supports alder, cedar, red maple, quaking aspen. Some two aged quaking aspen red oak, red maple on perimeter and a little in the stand itself. Red maple and cedar are more mid-canopy under supercanopy red and
21	Canopy Species Red Oak Red Pine 42290 - Natu Canopy Species Red Oak	iduous * Cover 40 60 40 40 40 40 40 40 40 40 40 4	Pine Sa Size Class Log/Pole Size Class Pole/Log	16 13 wtimb DBH 8	84 er Well Age	Bals Bigtoo Brack Re Jac Whi Swe Re Pips Serviceber Blueberry/Bil Red 2.6 Sub-Can Tag Red	sam Fir th Aspen ken Fern d Oak k Pine te Pine et Fern d Pine issewa ry (Juneberry eech berry/Cranbe Maple 133 opy Species g Alder	Low Medium Medium Low Low Trace Trace Trace Trace Trace Trace Trace Trace Trace	Variable >20 feet Unspecified Variable Variable < 5 feet Variable < 5 feet Variable < 5 feet 10 - 20 feet N/A Avg. Height 10 - 20 feet	Sapling Sapling Non-Wood Sapling Sapling Tall Shrub Sapling Tall Shrub Sapling Tall Shrub Sapling Tall Shrub Sapling	red pine. Gaps contain decent advanced regeneration, a mix of oak, aspen, jack pine, and red maple across the stand. Most canopy oak is multi- stemmed, low grade. Heavy browsing on oak and maple saplings. Landing in southwest has a high stocking of red pine saplings >20'. Trace paper birch in canopy. Drainage through stand originating in the east and flowing SW. Small wet depression in east supports alder, cedar, red maple, quaking aspen. Some two aged quaking aspen red oak, red maple on perimeter and a little in the stand itself.
21	Canopy Species Red Oak Red Pine Action Red Pine Ation	iduous % Cover 40 60 40 40 40 40 40 40 40 40 40 4	Pine Sa Size Class Log/XLog/Pole Log/Pole Sa Size Class Pole/Log XLog/Log Pole/Log Log/Pole	16 13 wtimb DBH 8 18	84 er Well Age	Bals Bigtoo Brack Re Jac Whi Swe Re Pips Serviceber Blueberry/Bil Red 2.6 Sub-Can Tag Red	sam Fir th Aspen ken Fern d Oak k Pine te Pine et Fern d Pine sissewa ry (Juneberry eech berry/Cranbe Maple 133 opy Species g Alder Maple	Low Medium Medium Low Low Trace Trace Trace Trace Trace Trace Trace Trace Trace Trace Trace Trace	Variable >20 feet Unspecified Variable Variable < 5 feet Variable < 5 feet Variable Variable < 5 feet 10 - 20 feet N/A Avg. Height 10 - 20 feet	Sapling Sapling Non-Wood Sapling Sapling Tall Shrub Sapling Tall Shrub Sapling Tall Shrub Sapling Tall Shrub Sapling	red pine. Gaps contain decent advanced regeneration, a mix of oak, aspen, jack pine, and red maple across the stand. Most canopy oak is multi- stemmed, low grade. Heavy browsing on oak and maple saplings. Landing in southwest has a high stocking of red pine saplings >20'. Landing in southwest has a high stocking of red pine saplings >20'. Trace paper birch in canopy. Drainage through stand originating in the east and flowing SW. Small wet depression in east supports alder, cedar, red maple, quaking aspen. Some two aged quaking aspen red oak, red maple on perimeter and a little in the stand itself. Red maple and cedar are more mid-canopy under supercanopy red and white pine. Deer yarding in stand. Rare red oak, black spruce in subcanopy.
21	Canopy Species Red Oak Red Pine Add Pine Add Dak Add Dak Red Oak Red Oak Red Maple	iduous * Cover 40 60 40 cover 40 20 40 5 * Cover 3 42 5	Pine Sa Size Class Log/XLog/Pole Log/Pole Sa Size Class Pole/Log NLog/Log Pole/Log	16 13 wtimb DBH 8 18 8	84 er Well Age	Bals Bigtoo Brack Re Jac Whi Swe Re Pips Serviceber Blueberry/Bil Red 2.6 Sub-Can Tag Red Whi	sam Fir th Aspen ken Fern d Oak k Pine te Pine et Fern d Pine et Fern d Pine sissewa ry (Juneberry eech berry/Cranbe Maple 133 opy Species d Alder Maple te Pine	Low Medium Medium Low Low Trace Trace Trace Trace Low Medium Trace Trace Trace	Variable >20 feet Unspecified Variable Variable < 5 feet Variable < 5 feet Variable Variable < 5 feet 10 - 20 feet 10 - 20 feet >20 feet Variable	Sapling Non-Wood Sapling Sapling Sapling Tall Shrub Sapling Tall Shrub Sapling Tall Shrub Sapling Tall Shrub Sapling Tall Shrub Sapling	red pine. Gaps contain decent advanced regeneration, a mix of oak, aspen, jack pine, and red maple across the stand. Most canopy oak is multi- stemmed, low grade. Heavy browsing on oak and maple saplings. Landing in southwest has a high stocking of red pine saplings >20'. Trace paper birch in canopy. Drainage through stand originating in the east and flowing SW. Small wet depression in east supports alder, cedar, red maple, quaking aspen. Some two aged quaking aspen red oak, red maple on perimeter and a little in the stand itself. Red maple and cedar are more mid-canopy under supercanopy red and white pine. Deer yarding in stand.

Report 7 – Stands



tanc	Level 4 C	over Type	Si	ize De	nsity	Acres St	tand Age BA	Range	Managed S	Site	General Comments
22	4310 - Pi	ne, Oak M	ix Saw	timber	Mediu	m 24.3	102 8	81-110	N/A		Trace red maple, bigtooth aspen in the canopy. Rare hawthorn, white ash, striped maple, pipsissewa, round leaved dogwood in subcanopy.
	Canopy Species	% Cove	r Size Class	DBH	Age	Sub-Cano	py Species	Density	Avg. Height	Size	Red maple and oak are generally 5-20' plus heavily browsed stems <7
	Red Pine	44	Log/Pole/XLog	12		Serviceberry	/ (Juneberry)	Medium	Variable	Sapling	Hawthorn and white ash are associated. Aspen might mix with canopy
	Red Oak	55	Log/Pole/XLog	12	102	Winter	rgreen	Trace	< 5 feet	Tall Shrub	bit in the next inventory cycle.
	White Pine	1	Log/Pole	10		Sweet	t Fern	Trace	< 5 feet	Tall Shrub	
						White	e Pine	Medium	Variable	Sapling	
						Bee	ech	Low	Variable	Sapling	
						Maple Leave	ed Viburnum	Low	< 5 feet	Tall Shrub	
						Red	Pine	Low	Variable	Sapling	
						Red N	Maple	High	Variable	Sapling	
						Balsa	am Fir	Trace	Variable	Sapling	
						Red	Oak	Medium	Variable	Sapling	
						Bracke	en Fern	Low	5 - 10 feet	Non-Wood	
						Bigtooth		Madium	>20 feet	Sapling	
						Bigtootii	Aspen	Medium	~20 leel	Saping	
	4191 - Miyed Lipi	and Decidu	IQUE with So	wtimb		Blueberry/Bilbe	erry/Cranberr	y Trace	< 5 feet	Tall Shrub]
23	-	onifer		wtimbe	er Wel	Blueberry/Bilbe	erry/Cranberr 101 1	y Trace 11-140	< 5 feet N/A	Tall Shrub	Trace jack pine in canopy (scattered jp snags present). Rare round leaved dogwood, honeysuckle, black cherry, white ash in subcanopy. Most red maple is midcanopy pole, occasional canopy log/pole, largel
23	Co Canopy Species	onifer % Cove i	r Size Class	DBH	er Wel	Blueberry/Bilbe	erry/Cranberr 101 1 py Species	y Trace 11-140 Density	< 5 feet N/A Avg. Height	Tall Shrub	Trace jack pine in canopy (scattered jp snags present). Rare round leaved dogwood, honeysuckle, black cherry, white ash in subcanopy. Most red maple is midcanopy pole, occasional canopy log/pole, large suppressed by bigtooth aspen. Aspen is very solid. Scattered relic red
3	Co Canopy Species Red Maple	onifer % Cover	r Size Class Pole/Log/Sap	DBH	er Wel Age	Blueberry/Bilbe 24.6 Sub-Canoj Red	erry/Cranberr 101 1 py Species Pine	y Trace 11-140 Density Low	< 5 feet N/A Avg. Height Variable	Tall Shrub Size Sapling	Trace jack pine in canopy (scattered jp snags present). Rare round leaved dogwood, honeysuckle, black cherry, white ash in subcanopy. Most red maple is midcanopy pole, occasional canopy log/pole, large suppressed by bigtooth aspen. Aspen is very solid. Scattered relic red pine.
3	Canopy Species Red Maple Red Oak	onifer % Cover 5 35	 Size Class Pole/Log/Sap Log/Pole/XLog 	DBH 7 14	er Wel	Blueberry/Bilbe 24.6 Sub-Canop Red Maple Leave	erry/Cranberry 101 1 py Species Pine ed Viburnum	y Trace 11-140 Density Low Trace	< 5 feet N/A Avg. Height Variable < 5 feet	Tall Shrub Size Sapling Tall Shrub	Trace jack pine in canopy (scattered jp snags present). Rare round leaved dogwood, honeysuckle, black cherry, white ash in subcanopy. Most red maple is midcanopy pole, occasional canopy log/pole, large suppressed by bigtooth aspen. Aspen is very solid. Scattered relic red pine. East ridgelines and section line trail contains trace dogwood, hawthor honeysuckle, and white ash (on southwest aspect). Scattered charred
3	Canopy Species Red Maple Red Oak Bigtooth Aspen	Second feature % Cover 5 35 29	Size Class Pole/Log/Sap Log/Pole/XLog Log/Pole/XLog	DBH 7 14 14	er Wel Age	Blueberry/Bilbe 24.6 Sub-Canop Red Maple Leave Red	erry/Cranberry 101 1 py Species Pine ed Viburnum Pine	y Trace 11-140 Density Low Trace Trace	< 5 feet N/A Avg. Height Variable < 5 feet >20 feet	Size Sapling Tall Shrub Pole	Trace jack pine in canopy (scattered jp snags present). Rare round leaved dogwood, honeysuckle, black cherry, white ash in subcanopy. Most red maple is midcanopy pole, occasional canopy log/pole, large suppressed by bigtooth aspen. Aspen is very solid. Scattered relic red pine. East ridgelines and section line trail contains trace dogwood, hawthor honeysuckle, and white ash (on southwest aspect). Scattered charred stumps.
3	Co Canopy Species Red Maple Red Oak Bigtooth Aspen Red Pine	Somifer % Cover 5 35 29 30	r Size Class Pole/Log/Sap Log/Pole/XLog Log/Pole/XLog Log/Pole/XLog	DBH 7 14 14 14	Age	Blueberry/Bilbe 24.6 Sub-Canop Red Maple Leave Red Red M	erry/Cranberry 101 1 py Species Pine ed Viburnum Pine Maple	y Trace 11-140 Density Low Trace Trace Medium	< 5 feet N/A Avg. Height Variable < 5 feet >20 feet Variable	Size Sapling Tall Shrub Pole Sapling	Trace jack pine in canopy (scattered jp snags present). Rare round leaved dogwood, honeysuckle, black cherry, white ash in subcanopy. Most red maple is midcanopy pole, occasional canopy log/pole, large suppressed by bigtooth aspen. Aspen is very solid. Scattered relic red pine. East ridgelines and section line trail contains trace dogwood, hawthor honeysuckle, and white ash (on southwest aspect). Scattered charred stumps. Few pockets of dense red pine.
23	Canopy Species Red Maple Red Oak Bigtooth Aspen	Second feature % Cover 5 35 29	Size Class Pole/Log/Sap Log/Pole/XLog Log/Pole/XLog	DBH 7 14 14	Age	Blueberry/Bilbe 24.6 Sub-Canop Red Maple Leave Red M Blueberry/Bilbe	erry/Cranberry 101 1 py Species Pine ed Viburnum Pine Maple erry/Cranberry	y Trace 11-140 Density Low Trace Trace Medium y Medium	< 5 feet N/A Avg. Height Variable < 5 feet >20 feet Variable < 5 feet	Size Sapling Tall Shrub Pole Sapling Tall Shrub	Trace jack pine in canopy (scattered jp snags present). Rare round leaved dogwood, honeysuckle, black cherry, white ash in subcanopy. Most red maple is midcanopy pole, occasional canopy log/pole, large suppressed by bigtooth aspen. Aspen is very solid. Scattered relic red pine. East ridgelines and section line trail contains trace dogwood, hawthor honeysuckle, and white ash (on southwest aspect). Scattered charred stumps. Few pockets of dense red pine.
23	Co Canopy Species Red Maple Red Oak Bigtooth Aspen Red Pine	Somifer % Cover 5 35 29 30	r Size Class Pole/Log/Sap Log/Pole/XLog Log/Pole/XLog Log/Pole/XLog	DBH 7 14 14 14	Age	Blueberry/Bilbe 24.6 Sub-Canop Red Maple Leave Red M Blueberry/Bilbe White	erry/Cranberry 101 1 py Species Pine ed Viburnum Pine Maple erry/Cranberry Pine	y Trace 11-140 Density Low Trace Trace Medium y Medium Low	< 5 feet N/A Avg. Height Variable < 5 feet Variable < 5 feet Variable	Size Sapling Tall Shrub Pole Sapling Tall Shrub Sapling	Trace jack pine in canopy (scattered jp snags present). Rare round leaved dogwood, honeysuckle, black cherry, white ash in subcanopy. Most red maple is midcanopy pole, occasional canopy log/pole, large suppressed by bigtooth aspen. Aspen is very solid. Scattered relic red pine. East ridgelines and section line trail contains trace dogwood, hawthor honeysuckle, and white ash (on southwest aspect). Scattered charred stumps. Few pockets of dense red pine.
3	Co Canopy Species Red Maple Red Oak Bigtooth Aspen Red Pine	Somifer % Cover 5 35 29 30	r Size Class Pole/Log/Sap Log/Pole/XLog Log/Pole/XLog Log/Pole/XLog	DBH 7 14 14 14	Age	Blueberry/Bilbe 24.6 Sub-Canop Red Maple Leave Red M Blueberry/Bilbe White Serviceberry	erry/Cranberry 101 1 py Species Pine ed Viburnum Pine Maple erry/Cranberry e Pine / (Juneberry)	y Trace 11-140 Density Low Trace Trace Medium y Medium Low Low	< 5 feet N/A Avg. Height Variable < 5 feet Variable < 5 feet Variable < 5 feet	Size Sapling Tall Shrub Pole Sapling Tall Shrub Sapling Tall Shrub	Trace jack pine in canopy (scattered jp snags present). Rare round leaved dogwood, honeysuckle, black cherry, white ash in subcanopy. Most red maple is midcanopy pole, occasional canopy log/pole, large suppressed by bigtooth aspen. Aspen is very solid. Scattered relic red pine. East ridgelines and section line trail contains trace dogwood, hawthor honeysuckle, and white ash (on southwest aspect). Scattered charred stumps. Few pockets of dense red pine.
3	Co Canopy Species Red Maple Red Oak Bigtooth Aspen Red Pine	Somifer % Cover 5 35 29 30	r Size Class Pole/Log/Sap Log/Pole/XLog Log/Pole/XLog Log/Pole/XLog	DBH 7 14 14 14	Age	Blueberry/Bilbe 24.6 Sub-Canop Red I Maple Leave Red I Red M Blueberry/Bilbe White Serviceberry Bracke	erry/Cranberry 101 1 py Species Pine ed Viburnum Pine Maple erry/Cranberry Pine v (Juneberry) en Fern	y Trace 11-140 Density Low Trace Medium y Medium Low Low Medium	< 5 feet N/A Avg. Height Variable < 5 feet Variable < 5 feet Variable < 5 feet Uariable < 5 feet	Size Sapling Tall Shrub Pole Sapling Tall Shrub Pole Sapling Tall Shrub Sapling Tall Shrub Sapling Tall Shrub Sapling Tall Shrub Non-Wood	Trace jack pine in canopy (scattered jp snags present). Rare round leaved dogwood, honeysuckle, black cherry, white ash in subcanopy. Most red maple is midcanopy pole, occasional canopy log/pole, largel suppressed by bigtooth aspen. Aspen is very solid. Scattered relic red pine. East ridgelines and section line trail contains trace dogwood, hawthor honeysuckle, and white ash (on southwest aspect). Scattered charred stumps. Few pockets of dense red pine.
:3	Co Canopy Species Red Maple Red Oak Bigtooth Aspen Red Pine	Somifer % Cover 5 35 29 30	r Size Class Pole/Log/Sap Log/Pole/XLog Log/Pole/XLog Log/Pole/XLog	DBH 7 14 14 14	Age	Blueberry/Bilbe 24.6 Sub-Canop Red Maple Leave Red M Blueberry/Bilbe White Serviceberry Bracke Balsa	erry/Cranberry 101 1 py Species Pine ed Viburnum Pine Maple erry/Cranberry e Pine / (Juneberry) en Fern am Fir	y Trace TI-140 Density Low Trace Medium y Medium Low Low Medium Trace	< 5 feet N/A Avg. Height Variable < 5 feet Variable < 5 feet Variable < 5 feet Unspecified Variable	Size Sapling Tall Shrub Pole Sapling Tall Shrub Sapling Tall Shrub Non-Wood Sapling	Trace jack pine in canopy (scattered jp snags present). Rare round leaved dogwood, honeysuckle, black cherry, white ash in subcanopy. Most red maple is midcanopy pole, occasional canopy log/pole, large suppressed by bigtooth aspen. Aspen is very solid. Scattered relic red pine. East ridgelines and section line trail contains trace dogwood, hawthor honeysuckle, and white ash (on southwest aspect). Scattered charred stumps. Few pockets of dense red pine.
23	Co Canopy Species Red Maple Red Oak Bigtooth Aspen Red Pine	Somifer % Cover 5 35 29 30	r Size Class Pole/Log/Sap Log/Pole/XLog Log/Pole/XLog Log/Pole/XLog	DBH 7 14 14 14	Age	Blueberry/Bilbe 24.6 Sub-Canop Red I Maple Leave Red M Blueberry/Bilbe White Serviceberry Bracke Balsa Bee	erry/Cranberry 101 1 py Species Pine ed Viburnum Pine Maple erry/Cranberry e Pine / (Juneberry) en Fern am Fir ech	y Trace TI-140 Density Low Trace Trace Medium y Medium Low Low Medium Trace	< 5 feet N/A Avg. Height Variable < 5 feet Variable < 5 feet Variable < 5 feet Unspecified Variable Variable	Size Sapling Tall Shrub Pole Sapling Tall Shrub Pole Sapling Tall Shrub Sapling Tall Shrub Sapling Tall Shrub Sapling Tall Shrub Sapling Sapling Sapling Sapling Sapling	Trace jack pine in canopy (scattered jp snags present). Rare round leaved dogwood, honeysuckle, black cherry, white ash in subcanopy. Most red maple is midcanopy pole, occasional canopy log/pole, largel suppressed by bigtooth aspen. Aspen is very solid. Scattered relic red pine. East ridgelines and section line trail contains trace dogwood, hawthor honeysuckle, and white ash (on southwest aspect). Scattered charred stumps. Few pockets of dense red pine.
23	Co Canopy Species Red Maple Red Oak Bigtooth Aspen Red Pine	Somifer % Cover 5 35 29 30	r Size Class Pole/Log/Sap Log/Pole/XLog Log/Pole/XLog Log/Pole/XLog	DBH 7 14 14 14	Age	Blueberry/Bilbe 24.6 Sub-Canop Red Maple Leave Red M Blueberry/Bilbe White Serviceberry Bracke Balsa	erry/Cranberry 101 1 py Species Pine ed Viburnum Pine Maple erry/Cranberry or Apple or (Juneberry) on Fern am Fir ech rrn (spp.)	y Trace TI-140 Density Low Trace Medium y Medium Low Low Medium Trace	< 5 feet N/A Avg. Height Variable < 5 feet Variable < 5 feet Variable < 5 feet Unspecified Variable	Size Sapling Tall Shrub Pole Sapling Tall Shrub Sapling Tall Shrub Non-Wood Sapling	Trace jack pine in canopy (scattered jp snags present). Rare round leaved dogwood, honeysuckle, black cherry, white ash in subcanopy. Most red maple is midcanopy pole, occasional canopy log/pole, largel suppressed by bigtooth aspen. Aspen is very solid. Scattered relic rec pine. East ridgelines and section line trail contains trace dogwood, hawthorn honeysuckle, and white ash (on southwest aspect). Scattered charred stumps. Few pockets of dense red pine.

Report 7 – Stands



4 133 - Aspe	en, Mixed F	vine Sa	wtimt	oer We	ell 6.1 92	81-110	N/A		Trace balsam fir, jack pine, quaking aspen in canopy. The long, narro
Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Canopy Species	Density	Avg. Height	Size	leg is dominated by bigtooth with consistent white pine and scattered maple (trace red and jack pine). The northern portion has a wet pock
Red Pine	3	Log/Pole/XLog	14		Jack Pine	Trace	Variable	Sapling	supporting cedar with log/xlog white pine and trace quaking aspen; to
Red Maple	5	Pole/Log	8		Northern White Cedar	Trace	>20 feet	Sapling	north of that is a clump of legacy red and white pine, and the far north
Red Oak	8	Log/Pole/XLog	14		Red Oak	Trace	Variable	Sapling	transitions to red oak with bigtooth. Rare bearberry, creeping juniper, sweet fern, maple leaved viburnum
Northern White Cedar	1	Log/Pole	10		Bracken Fern	Low	Unspecified	Non-Wood	trailing arbutus, and white spruce in subcanopy.
Bigtooth Aspen	63	Log/Pole	14	92	Balsam Fir	Medium	Variable	Sapling	o <i>i</i> i <i>i i</i>
White Pine	20	Pole/Log/XLog	8		Blueberry/Bilberry/Cranbe	ry Trace	< 5 feet	Tall Shrub	
					Wintergreen	Low	< 5 feet	Tall Shrub	
					White Pine	Medium	Variable	Sapling	
					Red Maple	Low	Variable	Sapling	
					Serviceberry (Juneberry	Trace	5 - 10 feet	Sapling	
					Red Pine	Trace	Variable	Sapling	
	- Aspen			ber We		51-80	N/A		Two aged oak: 10% 7" Pole/log (40 yrs), 2% 22" Xlog/log (100 yrs (Pockets of conifer and mature oak through stand: a lot more conifer
Canopy Species	% Cover	Size Class	DBł	ber We I Age	Sub-Canopy Species	Density	Avg. Height	Size	Pockets of conifer and mature oak through stand; a lot more conifer inclusion in the north half than the south. Trace black cherry (with
Canopy Species Jack Pine	% Cover	Size Class Pole/Sapling	DBH 7		Sub-Canopy Species Balsam Fir	Density Low	Avg. Height Variable	Size Sapling	Pockets of conifer and mature oak through stand; a lot more conifel inclusion in the north half than the south. Trace black cherry (with blackknot) and quaking aspen in the canopy. Rare jack pine, hawth
Canopy Species Jack Pine Red Pine	% Cover 4 5	Size Class Pole/Sapling Pole/Log	DBH 7		Sub-Canopy Species Balsam Fir Serviceberry (Juneberry	DensityLowLow	Avg. Height Variable 5 - 10 feet	Size Sapling Sapling	Pockets of conifer and mature oak through stand; a lot more conifer inclusion in the north half than the south. Trace black cherry (with blackknot) and quaking aspen in the canopy. Rare jack pine, hawthe the subcanopy. Scattered canopy and subcanopy hemlock.
Canopy Species Jack Pine Red Pine White Pine	% Cover 4 5 10	Size Class Pole/Sapling Pole/Log Log/Pole	DBH 7 8 12		Sub-Canopy Species Balsam Fir Serviceberry (Juneberry Red Pine	DensityLowLowTrace	Avg. Height Variable 5 - 10 feet Variable	Sapling Sapling Sapling	Pockets of conifer and mature oak through stand; a lot more conifel inclusion in the north half than the south. Trace black cherry (with blackknot) and quaking aspen in the canopy. Rare jack pine, hawth the subcanopy. Scattered canopy and subcanopy hemlock. Fairly significant mortality in jack pine when outcompeted by aspen.
Canopy Species Jack Pine Red Pine White Pine Paper Birch	% Cover 4 5 10 1	Size Class Pole/Sapling Pole/Log Log/Pole Sapling/Pole	DBH 7 8 12 3		Sub-Canopy Species Balsam Fir Serviceberry (Juneberry Red Pine Hemlock	DensityLowLow	Avg. Height Variable 5 - 10 feet Variable Variable	Sapling Sapling Sapling Sapling Sapling	Pockets of conifer and mature oak through stand; a lot more conife inclusion in the north half than the south. Trace black cherry (with blackknot) and quaking aspen in the canopy. Rare jack pine, hawth the subcanopy. Scattered canopy and subcanopy hemlock. Fairly significant mortality in jack pine when outcompeted by aspen
Canopy Species Jack Pine Red Pine White Pine Paper Birch Red Maple	% Cover 4 5 10 1 3	Size Class Pole/Sapling Pole/Log Log/Pole	DBH 7 8 12		Sub-Canopy Species Balsam Fir Serviceberry (Juneberry Red Pine	DensityLowLowTrace	Avg. Height Variable 5 - 10 feet Variable Variable Unspecified	Sapling Sapling Sapling Sapling Non-Wood	Pockets of conifer and mature oak through stand; a lot more conifer inclusion in the north half than the south. Trace black cherry (with blackknot) and quaking aspen in the canopy. Rare jack pine, hawth the subcanopy. Scattered canopy and subcanopy hemlock. Fairly significant mortality in jack pine when outcompeted by aspen. Incredible red pine growth - 12-18" of annual growth on many stems
Canopy Species Jack Pine Red Pine White Pine Paper Birch Red Maple Red Oak	% Cover 4 5 10 1 3 12	Size Class Pole/Sapling Pole/Log Log/Pole Sapling/Pole Sapling/Pole Pole/Sap/Log	DBH 7 8 12 3 4 7	l Age	Sub-Canopy Species Balsam Fir Serviceberry (Juneberry Red Pine Hemlock Bracken Fern White Spruce	DensityLowLowTraceTraceLowTrace	Avg. Height Variable 5 - 10 feet Variable Variable Unspecified < 5 feet	Size Sapling Sapling Sapling Non-Wood Sapling	Pockets of conifer and mature oak through stand; a lot more conifer inclusion in the north half than the south. Trace black cherry (with blackknot) and quaking aspen in the canopy. Rare jack pine, hawthe the subcanopy. Scattered canopy and subcanopy hemlock. Fairly significant mortality in jack pine when outcompeted by aspen. Incredible red pine growth - 12-18" of annual growth on many stems Paper birch is associated with mature white pine.
Canopy Species Jack Pine Red Pine White Pine Paper Birch Red Maple	% Cover 4 5 10 1 3	Size Class Pole/Sapling Pole/Log Log/Pole Sapling/Pole Sapling/Pole	DBH 7 8 12 3 4		Sub-Canopy Species Balsam Fir Serviceberry (Juneberry Red Pine Hemlock Bracken Fern White Spruce Sweet Fern	DensityLowTraceTraceLowTraceLowTraceTrace	Avg. Height Variable 5 - 10 feet Variable Variable Unspecified < 5 feet < 5 feet	Size Sapling Sapling Sapling Non-Wood Sapling Tall Shrub	Pockets of conifer and mature oak through stand; a lot more conifer inclusion in the north half than the south. Trace black cherry (with blackknot) and quaking aspen in the canopy. Rare jack pine, hawth the subcanopy. Scattered canopy and subcanopy hemlock. Fairly significant mortality in jack pine when outcompeted by aspen. Incredible red pine growth - 12-18" of annual growth on many stems Paper birch is associated with mature white pine.
Canopy Species Jack Pine Red Pine White Pine Paper Birch Red Maple Red Oak	% Cover 4 5 10 1 3 12	Size Class Pole/Sapling Pole/Log Log/Pole Sapling/Pole Sapling/Pole Pole/Sap/Log	DBH 7 8 12 3 4 7	l Age	Sub-Canopy Species Balsam Fir Serviceberry (Juneberry Red Pine Hemlock Bracken Fern White Spruce Sweet Fern Red Oak	DensityLowLowTraceTraceLowTrace	Avg. Height Variable 5 - 10 feet Variable Unspecified < 5 feet < 5 feet Variable	Size Sapling Sapling Sapling Non-Wood Sapling Tall Shrub Sapling	Pockets of conifer and mature oak through stand; a lot more conifer inclusion in the north half than the south. Trace black cherry (with blackknot) and quaking aspen in the canopy. Rare jack pine, hawth the subcanopy. Scattered canopy and subcanopy hemlock. Fairly significant mortality in jack pine when outcompeted by aspen. Incredible red pine growth - 12-18" of annual growth on many stems Paper birch is associated with mature white pine.
Canopy Species Jack Pine Red Pine White Pine Paper Birch Red Maple Red Oak	% Cover 4 5 10 1 3 12	Size Class Pole/Sapling Pole/Log Log/Pole Sapling/Pole Sapling/Pole Pole/Sap/Log	DBH 7 8 12 3 4 7	l Age	Sub-Canopy Species Balsam Fir Serviceberry (Juneberry Red Pine Hemlock Bracken Fern White Spruce Sweet Fern Red Oak Black Cherry	DensityLowLowTraceTraceLowTraceLowTraceTraceTraceTraceTraceLowTrace	Avg. Height Variable 5 - 10 feet Variable Unspecified < 5 feet < 5 feet Variable Variable	Size Sapling Sapling Sapling Non-Wood Sapling Tall Shrub Sapling Sapling	Pockets of conifer and mature oak through stand; a lot more conifer inclusion in the north half than the south. Trace black cherry (with blackknot) and quaking aspen in the canopy. Rare jack pine, hawthe the subcanopy. Scattered canopy and subcanopy hemlock. Fairly significant mortality in jack pine when outcompeted by aspen. Incredible red pine growth - 12-18" of annual growth on many stems Paper birch is associated with mature white pine.
Canopy Species Jack Pine Red Pine White Pine Paper Birch Red Maple Red Oak	% Cover 4 5 10 1 3 12	Size Class Pole/Sapling Pole/Log Log/Pole Sapling/Pole Sapling/Pole Pole/Sap/Log	DBH 7 8 12 3 4 7	l Age	Sub-Canopy Species Balsam Fir Serviceberry (Juneberry Red Pine Hemlock Bracken Fern White Spruce Sweet Fern Red Oak	DensityLowLowTraceTraceLowTraceLowTraceLowLow	Avg. Height Variable 5 - 10 feet Variable Unspecified < 5 feet < 5 feet Variable	Size Sapling Sapling Sapling Non-Wood Sapling Tall Shrub Sapling	Pockets of conifer and mature oak through stand; a lot more conife inclusion in the north half than the south. Trace black cherry (with blackknot) and quaking aspen in the canopy. Rare jack pine, hawth the subcanopy. Scattered canopy and subcanopy hemlock. Fairly significant mortality in jack pine when outcompeted by aspen Incredible red pine growth - 12-18" of annual growth on many stems Paper birch is associated with mature white pine.

26 4133 - Aspe	n, Mixed P	ine	Sawtim	ber we	15.8 93	51-80	N/A	
Canopy Species	% Cover	Size Class	DB	H Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	4	Pole/Log	8		Balsam Fir	Medium	Variable	Sapling
Red Oak	20	XLog/Log/Pol	le 18		Northern White Cedar	Trace	Variable	Sapling
Jack Pine	5	Log/Pole	12		Red Pine	Trace	Variable	Sapling
Northern White Cedar	1	Log/Pole	14		White Spruce	Low	Variable	Sapling
White Pine	12	Log/Pole/XLo	og 14		White Pine	Trace	Variable	Sapling
Red Pine	8	Log/Pole/XLo	g 14		White Pine	Trace	>20 feet	Pole
Bigtooth Aspen	50	Log/Pole/XLo	og 12	93	Beech	Low	Variable	Sapling
					Sweet Fern	Trace	< 5 feet	Tall Shrub
					Red Maple	Low	Variable	Sapling
					Blueberry/Bilberry/Cranberr	y Low	< 5 feet	Tall Shrub
					Red Oak	Low	Variable	Sapling

Rare jack pine, paper birch in subcanopy. Jack pine most prominent in south; snagging out. Southwest edge is on a little ridge with a steep southwest slope into adjacent lowland. Scattered relic red pine. There's a low, wet pocket to the west of the center road stocked with cedar and white pine, trace alder; significant increase in subcanopy balsam fir, red maple, white pine, and white spruce.

North tip is heavy to white pine and red oak with red pine and some bigtooth aspen (trace black cherry and quaking aspen).

Report 7 – Stands



S DNE

Stanc	d Level 4 Co	over Type	Si	ize De	nsity	Acres	Stand Age B	A Range	Managed S	Site	General Comments
27	6120 - Lov	wland Ceda	ar Po	letimb	er Well	4.0	93	51-80	N/A		Around 75% canopy closure, variable across the stand. Trace balsam
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	poplar in canopy. Rare cedar, red maple, red oak in subcanopy. Scattered yellow birch and black ash snags. Amazing hemlock in far
	Paper Birch	1	Pole/Log	8		Whi	te Spruce	Trace	Variable	Sapling	northwest with a good amount of paper birch saplings. Very dense
	Tamarack	5	Log/Pole	12		Pa	per Birch	Low	>20 feet	Sapling	subcanopy (balsam fir, white spruce, hemlock, paper birch) in general
	Quaking Aspen	8	Log/Pole/XLog	16		Labi	rador Tea	Low	< 5 feet	Tall Shrub	northwest. Some very tall alder (>20') in southwest. South edge has bee surveyed, lathed, and brushed 4-6' wide.
	White Spruce	3	Log	14		Н	emlock	Low	Variable	Sapling	East half is more solidly and consistently cedar with an inclusion of larch
No	orthern White Cedar	60	Pole/Log	8	93	Ta	ig Alder	Medium	5 - 10 feet	Tall Shrub	Much less diversity in both the main and sub- canopies. Trace willow in
	Red Maple	2	Log/Pole	12		Ва	Isam Fir	High	Variable	Sapling	southeast. Stand sits atop Tawas Peat.
	Hemlock	2	XLog/Log	18		Та	marack	Trace	5 - 10 feet	Sapling	
	Black Spruce	5	Log/Pole	12		Northern	White Cedar	Low	Variable	Sapling	
	White Pine	1	XLog	22							
	Balsam Fir	13	Pole/Log	8							
28	4310 - Pir	ne, Oak Mi			er Poor	4.6	101	51-80	N/A		50% overstory remaining, pretty even mix of oak and pine. One canopy white pine (and scattered white pine saps around the seed source) in
	Canopy Species		Size Class		Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	southeast. Fairly steep hill in southeast. West edge is a plateau with
	Red Oak	55	Log/Pole/XLog	14	101	R	ed Oak	Medium	Variable	Sapling	some slopes.
	Red Pine	45	Log/Pole	13		Brad	ken Fern	Medium	Unspecified	Non-Wood	Rare balsam fir, white pine, sweet fern, maple leaved viburnum in subcanopy. Heavy browsing on subcanopy oak and some red maple.
						Re	ed Pine	Low	Variable	Sapling	subcanopy. Theavy browsing off subcanopy bac and some red maple.
						Bigto	oth Aspen	High	>20 feet	Sapling	
						Servicebe	erry (Juneberry)	Low	Variable	Sapling	
					E	Blueberry/B	ilberry/Cranber	ry Medium	< 5 feet	Tall Shrub	
						Re	d Maple	High	Variable	Sapling	
29		ne, Oak Mi				m 31.7	92	51-80	N/A		Rare witch hazel and white spruce in the subcanopy. Sweet fern and bracken present. Sapling aspen will probably make canopy next cycle.
	Canopy Species	% Cover	Size Class	-	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Nice sapling/pole oak mixed with aspen in spots. Elk beds in southeast.
	White Pine	2	Pole	8			ed Oak	Medium	Variable	Sapling	
	Red Pine	48	Log/Pole/XLog	14	94	Re	ed Pine	Trace	Variable	Sapling	
	Red Oak	50	Log/Pole/XLog	16	92		oth Aspen	High	>20 feet	Sapling	
						Servicebe	erry (Juneberry)	Medium	Variable	Sapling	
						Ва	lsam Fir	Low	Variable	Sapling	
						E	Beech	Low	Variable	Sapling	
					-	Re	d Maple	High	Variable	Sapling	
						Ja	ck Pine	Trace	5 - 10 feet	Sapling	

Report 7 – Stands

Compartment: 176 Year of Entry: 2024

DNR

stanc	4191 - Mixed Upla	over Type		ize De	,		Stand Age B	111-140	Managed N/A		General Comments
	Ċc	onifer									sweet fern in subcanopy. Subcanopy red pine are largely suppressed
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	individuals from the parent stand, not subsequently established. Hawthorn is mostly present on ridges. Steepest slopes are occupied by
	Red Maple	2	Pole	6		R	ed Oak	Low	Variable	Sapling	pole bogtooth aspen with log/pole red pine (natural). X log oak along sk
	Red Pine	35	Log/Pole	10	78	Ba	lsam Fir	Trace	Variable	Sapling	trail. One juniper clump.
	Bigtooth Aspen	25	Log/Pole	12		Servicebe	erry (Juneberry)	Low	Variable	Sapling	
	Red Oak	38	Log/Pole/XLog	12	93	Re	d Maple	Low	Variable	Sapling	
						Brad	cken Fern	Trace	Unspecified	Non-Wood	
						Hawt	horn (spp.)	Trace	5 - 10 feet	Tall Shrub	
						E	Beech	Trace	5 - 10 feet	Sapling	
31	4311 - Pin	e, Aspen M	lix Pole	etimber	Mediu	m 27.3	42	1-50	N/A		Trace black cherry in canopy. Rare juniper (in far east), white spruce in
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	subcanopy. Varying densities of jack pine and aspen with oak. More white pine present in north-central portion.
	Jack Pine	40	Sapling/Pole	4		Re	d Maple	Low	Variable	Sapling	
	Bigtooth Aspen	44	Pole/Sapling	6	42	Ba	lsam Fir	Trace	Variable	Sapling	
	White Pine	2	Log/Pole	12		Blac	ck Cherry	Trace	Variable	Sapling	
	Northern Pin Oak	10	Pole/Sapling	7		Brad	cken Fern	Low	Unspecified	Non-Wood	
	Red Pine	2	Pole	8		Sw	eet Fern	Low	< 5 feet	Tall Shrub	
	Red Maple	2	Sapling/Pole	4		Ja	ick Pine	Trace	Variable	Sapling	
						Wł	nite Pine	Trace	Variable	Sapling	
						R	ed Pine	Trace	Variable	Sapling	
						Servicebe	erry (Juneberry)	Low	Variable	Sapling	
32	4130	- Aspen	Po	oletimb	er Well	12.6	35	51-80	N/A		Trace white pine in canopy. Rare hawthorn, witch hazel, balsam fir in
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	subcanopy. Higher prevalence of jack pine snags in southwest. Pockets of the stand are still sapling dominated.
	Red Oak	15	Pole/Sap/Log	7		Brad	cken Fern	Medium	Unspecified	Non-Wood	Northwest corner is jack pine and red pine dominated with about 25%
	Red Pine	8	Pole/Sap/Log	6		Blueberry/B	Bilberry/Cranber	ry Low	< 5 feet	Tall Shrub	bta. Small pocket in the middle along the south edge of stand is
	Jack Pine	5	Pole/Sapling	6		Servicebe	erry (Juneberry)	Low	Variable	Sapling	dominated by incredibly dense red pine saplings >20'.
	Bigtooth Aspen	70	Pole/Sapling	6	35	Re	ed Pine	Low	Variable	Sapling	
	Red Maple	2	Sapling	4		Sw	eet Fern	Trace	< 5 feet	Tall Shrub	
						Re	ed Maple	Low	Variable	Sapling	

Report 7 – Stands

Atlanta Mgt. Unit

Compartment: 176

DIR MATURAL MEMOURO

											181
and	Level 4 Co	over Type	Si	ize De	nsity	Acres Stan	nd Age BA	A Range	Managed S	Site	General Comments
34	4123 -	Red Oak	Saw	timber	Mediur	m 63.4 1	03	51-80	N/A		Trace jack pine, red maple, bigtooth aspen in canopy. Rare witch haze
Canop	y Species	% Cover	Size Class	DBH	Age	Sub-Canopy	Species	Density	Avg. Height	Size	huckleberry, sweet fern, serviceberry, juniper, beech, jack pine in subcanopy.
Red	Pine	15	Log/Pole/XLog	15		White Pi	ine	Low	Variable	Sapling	Stand is in an intermediate phase where second aged (sapling) aspen
White	e Pine	5	Log/Pole/XLog	12		Balsam I	Fir	Low	Variable	Sapling	beginning to mix with the canopy, though more shaded areas are slowe
Red	Oak	80	Log/Pole/XLog	15	103	Red Pin	ne	Trace	Variable	Sapling	to achieve midcanopy position. Red maple can't keep up with aspen (a is browsed), generally ranging 5-20', though some open grown maple a
		I				White Spr	ruce	Trace	Variable	Sapling	>20'. Aspen is mostly >20'.
						Red Pin	ne	Trace	>20 feet	Pole	North 1/2 is 3% wp, 2% rp, 95% ro (maybe 2% sapling bta) with a very
						Red Oa	ak	Low	Variable	Sapling	simple subcanopy - a few pockets of aspen and red maple, but very op
						Bigtooth As	spen	Low	>20 feet	Sapling	with scattered red pine, white pine, balsam fir, and trace oak. No serviceberry in north.
						Red Map		Low	Variable	Sapling	South 1/2 is 15% rp, 2% wp, 2% bta saps, 81% ro. Higher volume and
					L					1 5	more consistent sapling subcanopy including red pine and oak saps.
											Trace juniper. Scattered legacy red pine especially in the southern guarter of the star
•		onifer			er Well			81-110	N/A		Trace red maple and jack pine in canopy. Wintergreen under snow in places, likely more prevalent than observer winter. Trace scattered relic red pine and oak, very wolfy. Trace sweet
Conon	y Species	% Cover	Size Class	DBH	Age	Sub-Canopy	Species	Density	Avg. Height	Size	fern associated with jack pine in north central portion of stand. Areas o
Northern	n Pin Oak	50	Log/Pole/XLog	11	93	Red Pin		Low	Variable	Sapling	advanced red maple and oak regeneration >20'; aspen is patchy and
Northern Bigtooth	n Pin Oak h Aspen	50 13	Log/Pole	12		Blueberry/Bilberry	y/Cranberr	y Low	< 5 feet	Tall Shrub	advanced red maple and oak regeneration >20'; aspen is patchy and
Northern Bigtooth White	n Pin Oak h Aspen e Pine	50 13 2	Log/Pole Log/Pole	12 12	E	Blueberry/Bilberry Beech	y/Cranberr า	y Low Trace	< 5 feet Variable	Tall Shrub Sapling	advanced red maple and oak regeneration >20'; aspen is patchy and inconsistent.
Northern Bigtooth White	n Pin Oak h Aspen	50 13	Log/Pole	12		Blueberry/Bilberry Beech Bracken F	y/Cranberr ז Fern	y Low Trace Trace	< 5 feet Variable Unspecified	Tall Shrub Sapling Non-Wood	advanced red maple and oak regeneration >20'; aspen is patchy and inconsistent.
Northern Bigtooth White	n Pin Oak h Aspen e Pine	50 13 2	Log/Pole Log/Pole	12 12	E	Blueberry/Bilberry Beech Bracken F Red Map	y/Cranberr n Fern ple	y Low Trace Trace Medium	< 5 feet Variable Unspecified Variable	Tall Shrub Sapling Non-Wood Sapling	advanced red maple and oak regeneration >20'; aspen is patchy and inconsistent.
Northern Bigtooth White	n Pin Oak h Aspen e Pine	50 13 2	Log/Pole Log/Pole	12 12	E	Blueberry/Bilberry Beech Bracken F	y/Cranberr n Fern ple	y Low Trace Trace	< 5 feet Variable Unspecified	Tall Shrub Sapling Non-Wood Sapling Sapling	advanced red maple and oak regeneration >20'; aspen is patchy and inconsistent.
Northern Bigtooth White	n Pin Oak h Aspen e Pine	50 13 2	Log/Pole Log/Pole	12 12	E	Blueberry/Bilberry Beech Bracken F Red Map	y/Cranberr n Fern ple Fir	y Low Trace Trace Medium	< 5 feet Variable Unspecified Variable	Tall Shrub Sapling Non-Wood Sapling	advanced red maple and oak regeneration >20'; aspen is patchy and inconsistent.
Northern Bigtooth White	n Pin Oak h Aspen e Pine	50 13 2	Log/Pole Log/Pole	12 12	E	Blueberry/Bilberry Beech Bracken F Red Map Balsam	y/Cranberr T Fern ple Fir Juneberry)	y Low Trace Trace Medium Trace	< 5 feetVariableUnspecifiedVariableVariable	Tall Shrub Sapling Non-Wood Sapling Sapling Sapling Sapling	advanced red maple and oak regeneration >20'; aspen is patchy and inconsistent.
Northern Bigtooth White	n Pin Oak h Aspen e Pine	50 13 2	Log/Pole Log/Pole	12 12	E	Blueberry/Bilberry Beech Bracken F Red Map Balsam I Serviceberry (Ji	y/Cranberr Fern ple Fir uneberry) n Oak	y Low Trace Trace Medium Trace Low	 < 5 feet Variable Unspecified Variable Variable < 5 feet 	Tall Shrub Sapling Non-Wood Sapling Sapling Sapling	advanced red maple and oak regeneration >20'; aspen is patchy and inconsistent.
Northern Bigtooth White Red	- Mixed Upla	50 13 2 35	Log/Pole Log/Pole/XLog	12 12 12	70 Fr Well	Blueberry/Bilberry Beech Bracken F Red Map Balsam Serviceberry (Ji Northern Pir Maple Leaved V	y/Cranberr Fern ple Fir luneberry) n Oak Viburnum	y Low Trace Trace Medium Trace Low	 < 5 feet Variable Unspecified Variable Variable < 5 feet Variable 	Tall Shrub Sapling Non-Wood Sapling Sapling Sapling Sapling	advanced red maple and oak regeneration >20'; aspen is patchy and inconsistent. Scattered relic red pine >120 years old. Three aged stand with relic red pine (120 years old), pine/oak(trace aspen (logs, 87 years old), and
Northern Bigtooth White Red	- Mixed Upla	50 13 2 35	Log/Pole Log/Pole/XLog	12 12 12	70 Fr Well	Blueberry/Bilberry Beech Bracken F Red Map Balsam Serviceberry (Ji Northern Pir Maple Leaved V	y/Cranberr Fern ple Fir luneberry) n Oak Viburnum	y Low Trace Trace Medium Trace Low Low Trace	 < 5 feet Variable Unspecified Variable Variable < 5 feet Variable < 5 feet 	Tall Shrub Sapling Non-Wood Sapling Sapling Sapling Sapling	advanced red maple and oak regeneration >20'; aspen is patchy and inconsistent. Scattered relic red pine >120 years old. Three aged stand with relic red pine (120 years old), pine/oak(trace aspen (logs, 87 years old), and aspen/maple/oak (poles, 48 years old). Xlog oaks have cavities occupi
Northern Bigtooth White Red 36 4191 Canopy	- Mixed Upla	50 13 2 35	Log/Pole Log/Pole/XLog	12 12 12	70 Fr Well	Blueberry/Bilberry Beech Bracken F Red Map Balsam I Serviceberry (Ju Northern Pir Maple Leaved N 17.9 8	y/Cranberr Fern ple Fir luneberry) n Oak Viburnum 87 Species	y Low Trace Medium Trace Low Low Trace	 < 5 feet Variable Variable Variable < 5 feet Variable < 5 feet N/A 	Tall Shrub Sapling Non-Wood Sapling Sapling Sapling Tall Shrub	advanced red maple and oak regeneration >20'; aspen is patchy and inconsistent. Scattered relic red pine >120 years old. Three aged stand with relic red pine (120 years old), pine/oak(trace aspen (logs, 87 years old), and aspen/maple/oak (poles, 48 years old). Xlog oaks have cavities occupi by wildlife. Dreys present. More red pine saps in northeast; none to trace elsewhere. Smaller diameter red pine in the north quarter of the
Northern Bigtooth White Red 36 4191 Canop Red	- Mixed Upla	and Decidu	Log/Pole Log/Pole/XLog ous with Sa Size Class	12 12 12 awtimbe	70 Fr Well	Blueberry/Bilberry Beech Bracken F Red Map Balsam Serviceberry (Ju Northern Pir Maple Leaved V 17.9 8 Sub-Canopy	y/Cranberr Fern ple Fir luneberry) n Oak Viburnum 87 Species ine	y Low Trace Trace Medium Trace Low Low Trace ************************************	< 5 feet Variable Unspecified Variable < 5 feet Variable < 5 feet N/A N/A	Tall Shrub Sapling Non-Wood Sapling Sapling Sapling Tall Shrub	advanced red maple and oak regeneration >20'; aspen is patchy and inconsistent. Scattered relic red pine >120 years old. Three aged stand with relic red pine (120 years old), pine/oak(trace aspen (logs, 87 years old), and aspen/maple/oak (poles, 48 years old). Xlog oaks have cavities occupi by wildlife. Dreys present. More red pine saps in northeast; none to trace elsewhere. Smaller diameter red pine in the north quarter of the stand. Southwest has fewer pine and oak; much higher stocking of pol
Northern Bigtooth White Red 36 4191 Canopy Red Bigtooth	- Mixed Upla Co y Species	and Decidu % Cover 30	Log/Pole Log/Pole/XLog ous with Sa Size Class Log/Pole/XLog	12 12 12 awtimber DBH 14 8	70 70 er Well	Blueberry/Bilberry Beech Bracken F Red Map Balsam I Serviceberry (Ju Northern Pin Maple Leaved N 17.9 8 Sub-Canopy White Pi	y/Cranberr Fern ple Fir uneberry) n Oak Viburnum 87 Species ine	y Low Trace Medium Trace Low Low Trace 81-110	< 5 feet Variable Unspecified Variable < 5 feet Variable < 5 feet N/A N/A	Tall Shrub Sapling Non-Wood Sapling Sapling Sapling Tall Shrub	advanced red maple and oak regeneration >20'; aspen is patchy and inconsistent. Scattered relic red pine >120 years old. Three aged stand with relic red pine (120 years old), pine/oak(trace aspen (logs, 87 years old), and aspen/maple/oak (poles, 48 years old). Xlog oaks have cavities occupi by wildlife. Dreys present. More red pine saps in northeast; none to
Northern Bigtooth White Red 36 4191 Canopy Red Bigtooth Red	- Mixed Upla Co Oak h Aspen	50 13 2 35	Log/Pole Log/Pole/XLog ous with Sa Size Class Log/Pole/XLog Pole/Sap/Log	12 12 12 awtimbe DBH 14 8	70 70 er Well Age 48	Blueberry/Bilberry Beech Bracken F Red Map Balsam I Serviceberry (Ju Northern Pir Maple Leaved V 17.9 & Sub-Canopy White Pi Beech	y/Cranberr Fern ple Fir uneberry) n Oak Viburnum 87 Species ine ne	y Low Trace Medium Trace Low Low Trace 81-110 Density Trace Trace	< 5 feet Variable Unspecified Variable < 5 feet Variable < 5 feet N/A Avg. Height Variable Variable	Tall Shrub Sapling Non-Wood Sapling Sapling Sapling Tall Shrub Size Sapling Sapling Sapling	advanced red maple and oak regeneration >20'; aspen is patchy and inconsistent. Scattered relic red pine >120 years old. Three aged stand with relic red pine (120 years old), pine/oak(trace aspen (logs, 87 years old), and aspen/maple/oak (poles, 48 years old). Xlog oaks have cavities occupi by wildlife. Dreys present. More red pine saps in northeast; none to trace elsewhere. Smaller diameter red pine in the north quarter of the stand. Southwest has fewer pine and oak; much higher stocking of pole
Northern Bigtooth White Red 36 4191 Canopy Red Bigtooth Red	- Mixed Upla Co y Species Oak Pine	and Decidu nifer % Cover 30 25 35	Log/Pole Log/Pole/XLog ous with Sa Size Class Log/Pole/XLog Pole/Sap/Log Log/XLog/Pole	12 12 12 wtimbe	70 70 er Well Age 48	Blueberry/Bilberry Beech Bracken F Red Map Balsam Serviceberry (Jr Northern Pir Maple Leaved N 17.9 & Sub-Canopy White Pi Beech Red Pin	y/Cranberr Fern ple Fir uneberry) n Oak Viburnum 87 Species ine n ne Fir	y Low Trace Trace Medium Trace Low Low Trace 81-110 Density Trace Trace Trace	< 5 feet Variable Variable Variable < 5 feet Variable < 5 feet N/A Avg. Height Variable Variable Variable Variable	Tall Shrub Sapling Non-Wood Sapling Sapling Sapling Tall Shrub Size Sapling Sapling Sapling Sapling	advanced red maple and oak regeneration >20'; aspen is patchy and inconsistent. Scattered relic red pine >120 years old. Three aged stand with relic red pine (120 years old), pine/oak(trace aspen (logs, 87 years old), and aspen/maple/oak (poles, 48 years old). Xlog oaks have cavities occupi by wildlife. Dreys present. More red pine saps in northeast; none to trace elsewhere. Smaller diameter red pine in the north quarter of the stand. Southwest has fewer pine and oak; much higher stocking of pole
Northern Bigtooth White Red 6 4191 Canopy Red Bigtooth Red	- Mixed Upla Co y Species Oak Pine	and Decidu nifer % Cover 30 25 35	Log/Pole Log/Pole/XLog ous with Sa Size Class Log/Pole/XLog Pole/Sap/Log Log/XLog/Pole	12 12 12 wtimbe	70 70 er Well Age 48	Blueberry/Bilberry Beech Bracken F Red Map Balsam I Serviceberry (Ju Northern Pin Maple Leaved N 17.9 & Sub-Canopy White Pi Beech Red Pin Balsam	y/Cranberr Fern ple Fir luneberry) in Oak Viburnum 87 Species ine n Fir ak	y Low Trace Addition Medium Trace Low Low Trace Trace Trace Trace Consty Trace Low	< 5 feet Variable Unspecified Variable < 5 feet Variable < 5 feet N/A Avg. Height Variable Variable Variable Variable	Tall Shrub Sapling Non-Wood Sapling Sapling Sapling Tall Shrub Size Sapling Sapling Sapling Sapling	advanced red maple and oak regeneration >20'; aspen is patchy and inconsistent. Scattered relic red pine >120 years old. Three aged stand with relic rec pine (120 years old), pine/oak(trace aspen (logs, 87 years old), and aspen/maple/oak (poles, 48 years old). Xlog oaks have cavities occupi by wildlife. Dreys present. More red pine saps in northeast; none to trace elsewhere. Smaller diameter red pine in the north quarter of the stand. Southwest has fewer pine and oak; much higher stocking of pol- aspen.
Northern Bigtooth White Red 6 4191 Canopy Red Bigtooth Red	- Mixed Upla Co y Species Oak Pine	and Decidu nifer % Cover 30 25 35	Log/Pole Log/Pole/XLog ous with Sa Size Class Log/Pole/XLog Pole/Sap/Log Log/XLog/Pole	12 12 12 wtimbe	70 70 er Well Age 48 87	Blueberry/Bilberry Beech Bracken F Red Map Balsam Serviceberry (Ju Northern Pir Maple Leaved N 17.9 & Sub-Canopy White Pi Beech Red Pin Balsam I Red Oa	y/Cranberr Fern ple Fir luneberry) in Oak Viburnum 87 Species ine n Species fir fir ak Fern	y Low Trace Trace Medium Trace Low Low Trace Trace Trace Trace Irace Low Low Low	< 5 feet Variable Unspecified Variable < 5 feet Variable < 5 feet N/A Avg. Height Variable	Tall Shrub Sapling Non-Wood Sapling Sapling Sapling Tall Shrub Size Sapling Sapling Sapling Sapling Sapling	advanced red maple and oak regeneration >20'; aspen is patchy and inconsistent. Scattered relic red pine >120 years old. Three aged stand with relic rec pine (120 years old), pine/oak(trace aspen (logs, 87 years old), and aspen/maple/oak (poles, 48 years old). Xlog oaks have cavities occupi by wildlife. Dreys present. More red pine saps in northeast; none to trace elsewhere. Smaller diameter red pine in the north quarter of the stand. Southwest has fewer pine and oak; much higher stocking of pol- aspen.
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Report 7 – Stands

Compartment: 176 Year of Entry: 2024

stand	Level 4 Cover Type Siz		Size Density			Stand Age	BA Range	Managed	Site	General Comments	
37	3103 - R	ubus-Fern	٦	Nonsto	cked	69.3		•	4211 - Planted		Trenching for the planting of red pine was completed on 5/29/22. Few scattered oak, aspen, red maple >3'. ORV/dirtbike trails through
							nopy Species		Avg. Height	Size	stand. Ski trail through stand.
						Servicebe	erry (Juneberry	y) Low	< 5 feet	Sapling	This site was site prepped by the mulching machine on 11/30/21.
						Northe	ern Pin Oak	Medium	< 5 feet	Sapling	Older comments: -a lot of recreational use
						B	Bulrush	Trace	5 - 10 feet	Non-Wood	-LOADED WITH RM (70-80% coverage), more extreme to west where
						Blueberry/B	ilberry/Cranbe	erry Medium	< 5 feet	Tall Shrub	site quality becomes better, needs to be controlled
						Re	ed Pine	Trace	< 5 feet	Sapling	
						Re	d Maple	Medium	< 5 feet	Sapling	
						Brad	cken Fern	Low	Unspecified	Non-Wood	
						Blackbe	rry/Raspberry	Medium	< 5 feet	Tall Shrub	
						Northe	ern Pin Oak	Trace	>20 feet	Log	
						Bigto	oth Aspen	Low	< 5 feet	Sapling	
						R	ed Pine	Trace	>20 feet	Log	
						Sw	eet Fern	Low	< 5 feet	Tall Shrub	
						Spotte	d Knapweed	Trace	Unspecified	Non-Wood	
38	4131 - A	spen, Oak	Sa	awtimbe	er We		86	111-140	N/A		Trails through and on perimeter of stand. A lot of suppressed red pine
	anopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size	(large pole, small logs); not as much red pine in the canopy as BA wou
	Red Maple	5	Pole/Log	8	Age		ilberry/Cranbe		< 5 feet		lead you to believe. Porcupine present. Northwest in heavy to red pine, as is the east perimeter.
	White Pine	1	Log/Pole	12			ken Fern	Low	Unspecified	Non-Wood	
	Red Pine	10	Log/Pole/XLog				aved Viburnun		< 5 feet	Tall Shrub	
	igtooth Aspen	59	Log/XLog/Pole		86	-	ed Pine	Low	Variable	Sapling	
DI	Red Oak	25	Log/Pole	14	00		nite Pine	Trace	Variable	Sapling	
	neu our	20	209/1010	17		I	d Maple	Medium	Variable	Sapling	
							Isam Fir	Trace	Variable	Sapling	
						Da	Samin	Trace	valiable		
						Sonvisobo	rn/ (lunchorn)	() Modium	Variable		
							erry (Juneberry		Variable	Tall Shrub	
							erry (Juneberry Beech	y) Medium Trace	Variable Variable		
		spen, Oak		oletimbe		ell 38.3	Beech 35	Trace 81-110	Variable N/A	Tall Shrub Sapling	Trace scattered log/Xlog white pine and red oak from parent stand. Tra
C	anopy Species	% Cover	Size Class	DBH	er We Age	ell 38.3 Sub-Ca	35 35 nopy Species	Trace 81-110	Variable N/A Avg. Height	Tall Shrub Sapling Size	Trace scattered log/Xlog white pine and red oak from parent stand. Tra
C	anopy Species Red Maple					ell 38.3 Sub-Ca	Beech 35	Trace 81-110	Variable N/A Avg. Height Variable	Tall Shrub Sapling	Trace scattered log/Xlog white pine and red oak from parent stand. Tra paper birch in canopy confined to the east half. Ridge in center of stand could be its own stand: much more oak and pine; pine is especially prevalent on the west end of the ridge. Trace huckleberry associated w
C	anopy Species	% Cover	Size Class	DBH	Age	ell 38.3 Sub-Ca Ba	35 35 nopy Species	Trace 81-110 s Density	Variable N/A Avg. Height	Tall Shrub Sapling Size	Trace scattered log/Xlog white pine and red oak from parent stand. Tra paper birch in canopy confined to the east half. Ridge in center of stand could be its own stand: much more oak and pine; pine is especially prevalent on the west end of the ridge. Trace huckleberry associated w pine. Rare witch hazel and beech in subcanopy. Most subcanopy red
C	anopy Species Red Maple	% Cover 8	Size Class Pole/Sapling	DBH 5		ell 38.3 Sub-Ca Ba Pap	35 35 nopy Species Isam Fir	Trace 81-110 5 Density Trace	Variable N/A Avg. Height Variable	Tall Shrub Sapling Size Sapling	Trace scattered log/Xlog white pine and red oak from parent stand. Tra paper birch in canopy confined to the east half. Ridge in center of stand could be its own stand: much more oak and pine; pine is especially prevalent on the west end of the ridge. Trace huckleberry associated w pine. Rare witch hazel and beech in subcanopy. Most subcanopy red pine is >20' and suppressed, but there are some intermediate heights.
C: Bię	Red Maple Red Oak igtooth Aspen Red Pine	% Cover 8 23 65 3	 Size Class Pole/Sapling Pole/Log/Sap Pole/Log/Sap Log/Pole 	DBH 5 8 7 10	Age	II 38.3 Sub-Ca Ba Paj Blac	35 nopy Species Isam Fir Der Birch	Trace 81-110 s Density Trace Trace	Variable N/A Avg. Height Variable >20 feet	Tall Shrub Sapling Size Sapling	Trace scattered log/Xlog white pine and red oak from parent stand. Tra paper birch in canopy confined to the east half. Ridge in center of stand could be its own stand: much more oak and pine; pine is especially prevalent on the west end of the ridge. Trace huckleberry associated w pine. Rare witch hazel and beech in subcanopy. Most subcanopy red pine is >20' and suppressed, but there are some intermediate heights. One white spruce (pole) in northwest. Aspen diameters in northwest (and continuing down the west edge) are slightly smaller with a higher stocki
C: Bię	Red Maple Red Oak igtooth Aspen	% Cover 8 23 65 3	Size Class Pole/Sapling Pole/Log/Sap Pole/Log/Sap	DBH 5 8 7 10	Age	ell 38.3 Sub-Ca Ba Paj Blac	35 nopy Species Isam Fir ber Birch ck Cherry	Trace 81-110 s Density Trace Trace Trace Low	Variable N/A Avg. Height Variable >20 feet Variable	Tall Shrub Sapling Size Sapling Sapling Sapling	Trace scattered log/Xlog white pine and red oak from parent stand. Trapaper birch in canopy confined to the east half. Ridge in center of stand could be its own stand: much more oak and pine; pine is especially prevalent on the west end of the ridge. Trace huckleberry associated we pine. Rare witch hazel and beech in subcanopy. Most subcanopy red pine is >20' and suppressed, but there are some intermediate heights. One white spruce (pole) in northwest. Aspen diameters in northwest (ar continuing down the west edge) are slightly smaller with a higher stocki of black cherry in the subcanopy. Along the eastern edge of the
Biç	Red Maple Red Oak igtooth Aspen Red Pine	% Cover 8 23 65 3	 Size Class Pole/Sapling Pole/Log/Sap Pole/Log/Sap Log/Pole 	DBH 5 8 7 10	Age	II 38.3 Sub-Ca Ba Pap Blac Servicebe	35 nopy Species Isam Fir ber Birch ck Cherry ed Pine	Trace 81-110 s Density Trace Trace Trace Low	Variable N/A Avg. Height Variable >20 feet Variable Variable	Tall Shrub Sapling Size Sapling	Trace scattered log/Xlog white pine and red oak from parent stand. Tra paper birch in canopy confined to the east half. Ridge in center of stand could be its own stand: much more oak and pine; pine is especially prevalent on the west end of the ridge. Trace huckleberry associated w pine. Rare witch hazel and beech in subcanopy. Most subcanopy red pine is >20' and suppressed, but there are some intermediate heights. One white spruce (pole) in northwest. Aspen diameters in northwest (ar continuing down the west edge) are slightly smaller with a higher stock of black cherry in the subcanopy. Along the eastern edge of the southwest quadrant, there's an increase in subcanopy white pine and
C: Bię	Red Maple Red Oak igtooth Aspen Red Pine	% Cover 8 23 65 3	 Size Class Pole/Sapling Pole/Log/Sap Pole/Log/Sap Log/Pole 	DBH 5 8 7 10	Age	II 38.3 Sub-Ca Ba Pap Blac Re Servicebe Wh	35 nopy Species Isam Fir ber Birch ck Cherry ed Pine erry (Juneberry	Trace 81-110 S Density Trace Trace Trace Low y)	Variable N/A Avg. Height Variable Variable Variable Variable	Tall Shrub Sapling Sapling Sapling Sapling Sapling Sapling Sapling	Trace scattered log/Xlog white pine and red oak from parent stand. Tra paper birch in canopy confined to the east half. Ridge in center of stand could be its own stand: much more oak and pine; pine is especially prevalent on the west end of the ridge. Trace huckleberry associated w pine. Rare witch hazel and beech in subcanopy. Most subcanopy red pine is >20' and suppressed, but there are some intermediate heights. One white spruce (pole) in northwest. Aspen diameters in northwest (ar continuing down the west edge) are slightly smaller with a higher stock of black cherry in the subcanopy. Along the eastern edge of the
C: Bię	Red Maple Red Oak igtooth Aspen Red Pine	% Cover 8 23 65 3	 Size Class Pole/Sapling Pole/Log/Sap Pole/Log/Sap Log/Pole 	DBH 5 8 7 10	Age	II 38.3 Sub-Ca Ba Pap Blac Servicebe Wh Brac	35 35 Isam Fir ber Birch ck Cherry ed Pine mry (Juneberry hite Pine	Trace 81-110 s Density g Trace Trace Trace Low Low y) Low Low Low	Variable N/A Avg. Height Variable Variable Variable Variable Variable	Tall Shrub Sapling Size Sapling Sapling	Trace scattered log/Xlog white pine and red oak from parent stand. Trace paper birch in canopy confined to the east half. Ridge in center of stand could be its own stand: much more oak and pine; pine is especially prevalent on the west end of the ridge. Trace huckleberry associated wit pine. Rare witch hazel and beech in subcanopy. Most subcanopy red pine is >20' and suppressed, but there are some intermediate heights. One white spruce (pole) in northwest. Aspen diameters in northwest (ar continuing down the west edge) are slightly smaller with a higher stocki of black cherry in the subcanopy. Along the eastern edge of the southwest quadrant, there's an increase in subcanopy white pine and maple leaved viburnum and significantly less oak in canopy.
C: Bię	Red Maple Red Oak igtooth Aspen Red Pine	% Cover 8 23 65 3	 Size Class Pole/Sapling Pole/Log/Sap Pole/Log/Sap Log/Pole 	DBH 5 8 7 10	Age	ell 38.3 Sub-Ca Ba Pap Blac Servicebe Wh Brac Blueberry/B	35 nopy Species Isam Fir ber Birch ck Cherry ed Pine rry (Juneberry nite Pine cken Fern	Trace 81-110 s Density g Trace Trace Trace Low Low y) Low Low Low	Variable N/A Avg. Height Variable >20 feet Variable Variable Variable Unspecified	Tall Shrub Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling Non-Wood	Trace scattered log/Xlog white pine and red oak from parent stand. Trace paper birch in canopy confined to the east half. Ridge in center of stand could be its own stand: much more oak and pine; pine is especially prevalent on the west end of the ridge. Trace huckleberry associated wi pine. Rare witch hazel and beech in subcanopy. Most subcanopy red pine is >20' and suppressed, but there are some intermediate heights. One white spruce (pole) in northwest. Aspen diameters in northwest (ar continuing down the west edge) are slightly smaller with a higher stocki of black cherry in the subcanopy. Along the eastern edge of the southwest quadrant, there's an increase in subcanopy white pine and maple leaved viburnum and significantly less oak in canopy.
C: Bię	Red Maple Red Oak igtooth Aspen Red Pine	% Cover 8 23 65 3	 Size Class Pole/Sapling Pole/Log/Sap Pole/Log/Sap Log/Pole 	DBH 5 8 7 10	Age	ell 38.3 Sub-Ca Ba Paj Blac Re Servicebe Wh Brac Blueberry/B Re	35 nopy Species Isam Fir ber Birch ck Cherry ed Pine mry (Juneberry hite Pine cken Fern ilberry/Cranbe	Trace 81-110 S Density Trace Trace Low Y) Low Trace Low Y Low Medium Medium	Variable N/A Avg. Height Variable Variable Variable Variable Variable Unspecified < 5 feet	Tall Shrub Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling Non-Wood Tall Shrub	Trace scattered log/Xlog white pine and red oak from parent stand. Trac paper birch in canopy confined to the east half. Ridge in center of stand could be its own stand: much more oak and pine; pine is especially prevalent on the west end of the ridge. Trace huckleberry associated wi pine. Rare witch hazel and beech in subcanopy. Most subcanopy red pine is >20' and suppressed, but there are some intermediate heights. One white spruce (pole) in northwest. Aspen diameters in northwest (ar continuing down the west edge) are slightly smaller with a higher stockin of black cherry in the subcanopy. Along the eastern edge of the southwest quadrant, there's an increase in subcanopy white pine and maple leaved viburnum and significantly less oak in canopy.

30

45

10

3

12

% Cover Size Class

Pole/Log/XLog

Pole/Sap/Log

Pole/Sap/Log

Log/Pole

Log/XLog

Level 4 Cover Type

4131 - Aspen, Oak

Canopy Species

Red Oak

Bigtooth Aspen

Red Maple

White Pine

Red Pine

Stand

40

Report 7 – Stands



	-				Year of Entry: 2024
Acres S	Stand Age E	BA Range	Managed S	ite	General Comments
3.2	48	51-80	N/A		Trace paper birch in canopy. Rare white spruce, paper birch in
Sub-Cano	opy Species	Density	Avg. Height	Size	subcanopy. Trace subcanopy hemlock in northeast tip to be protected. Aspen origin 1974, two oak and maple cohorts (1972 and 1935). Red
Her	nlock	Trace	>20 feet	Sapling	pine is generally of the 1930s cohort; white pine ages are variable.
Bals	am Fir	Low	Variable	Sapling	
Red	Maple	Low	Variable	Sapling	
Be	ech	Trace	5 - 10 feet	Sapling	
Rec	d Oak	Low	Variable	Sapling	
Serviceberr	y (Juneberry)) Low	< 5 feet	Sapling	
Red	Pine	Trace	< 5 feet	Sapling	
37.0	56	81-110	N/A		Trace jack pine (pole/log) and white pine in canopy. Rare white pine,

juniper in subcanopy. Serviceberry is much more dense under aspen poles than under oak or red pine.

41	4133 - Aspe	n, Mixed I	Pine F	oletimb	er Wel	I 37.0	56	81-110	N/A	
	Canopy Species	% Cove	r Size Class	DBH	I Age	Sub-Can	opy Specie	es Density	Avg. Height	Size
	Red Oak	25	Log/Pole/XLog	g 12		Serviceber	ry (Juneber	rry) Low	Variable	Sapling
	Bigtooth Aspen	43	Pole/Sap/Log	7	56	Re	d Pine	Low	Variable	Sapling
	Red Maple	2	Pole/Log/Sap	6		В	eech	Trace	10 - 20 feet	Sapling
	Red Pine	30	Log/Pole/XLog	g 12	77	Maple Lea	ved Viburnu	um Trace	< 5 feet	Tall Shrub
					<u> </u>	Re	d Oak	Low	Variable	Sapling
						Red	l Maple	Medium	Variable	Sapling

4191 - Mixed Upland Deciduous with Sawtimber Well 20.5 58 81-110 N/A 42 Conifer

Size Density

Poletimber Well

8

8 48

6 87

14

14

DBH Age

Canopy Species	% Cove	r Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Hemlock	2	Log/XLog/Pole	12		White Pine	Low	Variable	Sapling
Red Maple	11	Pole/Sap/Log	6	116	Balsam Fir	Low	Variable	Sapling
Bigtooth Aspen	29	Pole/Log/Sap	8	58	Red Pine	Trace	Variable	Sapling
Red Oak	26	Pole/Log/XLog	8		Hemlock	Low	>20 feet	Sapling
White Pine	16	XLog/Log	20		Serviceberry (Juneberry)	Trace	Variable	Tall Shrub
Red Pine	16	XLog/Log/Pole	18	180	Red Maple	Medium	Variable	Sapling

The inclusion of hemlock in such a notable capacity is rare for this portion of the compartment; the age and size of the red and white pine is also a rarity. This is a three-aged stand with very distinct cohorts: legacy Xlog/log red and white pine (and a few exceptional oak) 180+ years old, likely upwards of 200; oak/aspen/red maple/red pine log/pole at 116 years old; aspen/red maple/oak pole/sap of 53 years old. There is even a cohort of 87 year old aspen (log).

Trace cedar mixed in amongst pockets of hemlock, generally occupying small depressions, though not necessarily wet. Trace paper birch, guaking aspen associated with the hemlock pockets, too. Rare striped maple in the subcanopy. Subcanopy hemlock is generally patchy, in

pockets around mature hemlock. There's a little draw in the north dropping from east to west, originating with stand 50. Corridor is heavy to Xlog red/white pine with lesser amounts of cedar, hemlock, paper birch, and basswood.

Wetter areas are on top of Mucky Sand, a semi-circular deposit from the east-central portion arching north and east into adjacent stand 50. Ages:

-180 years + on a 25" dbh red pine (couldn't get to center)

-116 years on a 17.5" bta - notable increase in growth approx 60 years ago

-103 year old 5.7" red maple - probably same cohort as log aspen, just suppressed

-87 year old 11.6" bta

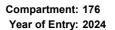
-58 year old 7.7" bta with decent, consistent growth

Report 7 – Stands

Compartment: 176

	<i>,</i>	Atlanta Mg	it. Unit				i cop				Year of Entry: 2024
Stand	Level 4 C	over Type	S	ize De	nsity	Acres	Stand Age B	A Range	Managed	Site	General Comments
43	4310 - Pir	ne, Oak Mix	k Saw	/timber	Medium	1.9	74	111-140	N/A		Gentle west slope transitioning into lowland in west. Two xlog hemlock
Car	nopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	(20, 24").
R	ed Maple	5	Pole/Sap/Log	7	82	Рар	per Birch	Trace	>20 feet	Sapling	
Bigt	ooth Aspen	10	Pole/Sapling	7	48	Re	d Maple	Low	Variable	Sapling	
F	Red Oak	41	Pole/Log	8		Re	ed Oak	Medium	Variable	Sapling	
ŀ	Hemlock	1	XLog	24		Ba	lsam Fir	Medium	Variable	Sapling	
F	Red Pine	43	Log/XLog	16	74						
44	6124 - Lowla	and Spruce	-Fir Pole	etimber	Medium	10.6	102	81-110	N/A		Southeast half is extremely wet (50% standing water) with lower stocking
Car	nopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	dominated by cedar, black spruce, and balsam fir. Northwest half is still very wet, but not as hummocky and not as much surface water. Trace
ŀ	Hemlock	1	Log	16		Gra	ape Vine	Trace	Unspecified	Vine	black ash and paper birch in canopy, rare black ash and paper birch in
Bals	sam Poplar	1	Pole	7		Win	Itergreen	Low	< 5 feet	Tall Shrub	subcanopy. Rare hemlock in northwest half; most hemlock is confined t
Bla	ack Spruce	20	Pole/Sap/Log	6		Labr	ador Tea	Medium	< 5 feet	Tall Shrub	the southeast-east edge adjacent to stand 46. Shinleaf and thistle, one tiny yew present. Fairly decent balsam fir and black spruce stocking with
Ba	alsam Fir	30	Sapling/Pole	4		Creepin	g Snowberry	Trace	< 5 feet	Tall Shrub	white cedar, scattered larch. Red maple, quaking aspen black ash, bam
Larch	(non-native)	10	Pole/Log	8		Cat	ttail spp.	Trace	5 - 10 feet	Non-Wood	and paper birch are primarily on the road/stand edges with a slight
Norther	n White Cedar	35	Pole/Sap/Log	8	102	Ba	lsam Fir	Medium	Variable	Sapling	increase in topography. Strip southwest of road is a drainage ditch with larger diameters, more balsam poplar.
Qua	iking Aspen	2	Pole/Log/Sap	7		Re	d Maple	Trace	Variable	Sapling	Utility line: red osier dogwood, cattails, bulrush, labrador tea, ferns,
R	ed Maple	1	Pole/Log/Sap	6		Northern	White Cedar	Low	Variable	Sapling	balsam fir, willow, bam, alder.
						Та	g Alder	Medium	Variable	Tall Shrub	Stand is atop Roscommon Muck.
						Wil	low spp.	Medium	10 - 20 feet	Tall Shrub	
						Blac	k Spruce	Low	Variable	Sapling	
						Та	marack	Trace	< 5 feet	Sapling	
45 ⁴¹	199 - Other Mixe	d Upland D	eciduous Saw	/timber	Medium	3.4	92	1-50	N/A		Original stand was split into two stands. This used to be part of 8.
Car	nopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Trace hemlock, paper birch, quaking aspen in canopy. Rare cedar, red oak, wild raisin, hemlock in subcanopy. Balsam fir subcanopy is very
F	Red Oak	3	Log/Pole	12		Та	g Alder	Trace	Variable	Tall Shrub	dense in areas. Lowland shrubs become more prominent in the west.
F	Red Pine	2	XLog/Log	18	92	Re	d Maple	Trace	Variable	Sapling	East half is more upland. Fairly significant changes in covertype from
Bigt	ooth Aspen	34	Log/XLog	14		Whit	e Spruce	Trace	< 5 feet	Sapling	east to west.
W	/hite Pine	1	Log/Pole/XLog	10		Ba	lsam Fir	High	Variable	Sapling	
Wh	nite Spruce	5	Log/Pole	12		Mich	igan Holly	Low	5 - 10 feet	Tall Shrub	
R	ed Maple	49	Log/Pole	12	92	Pap	ber Birch	Trace	>20 feet	Pole	
Ba	alsam Fir	5	Log/Pole	10							
0	king Aspen	1	Log/XLog	16							

Report 7 – Stands



Stanc	d Level 4 Co	over Type	S	ize De	nsity	Acres Stand Age B	A Range	Managed S	Site	General Comments
46	4310 - Pir	ne, Oak Mi	x Sa	awtimb	er Well	24.3 87	81-110	N/A		Southwest edge occupies a southwest facing hillside and hilltop.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	Composition is more complex on the slope, especially towards the bottom of the slope with influence from the adjacent lowland. Balsam fir,
	Red Oak	45	Log/XLog/Pole	14	87	Red Maple	Low	Variable	Sapling	cedar, paper birch, black spruce, and hemlock are present in the canopy
	Bigtooth Aspen	10	Log	14		White Pine	Low	Variable	Sapling	along the slope, generally not in the main body of the stand (though
	Red Pine	40	Log/XLog/Pole	16	104	Wintergreen	Low	< 5 feet	Tall Shrub	hemlock is present in the south). Pretty dense balsam fir subcanopy on hillside, but low stocking through the rest of the stand.
	Red Maple	2	Pole/Sap/Log	7	52	Pipsissewa	Trace	< 5 feet	Tall Shrub	Consistent scattered legacy red pine, potential legacy red oak as well.
	White Pine	3	Log/Pole/XLog	10		Red Pine	Medium	Variable	Sapling	Appears as though there was a red maple removal in the eastern portion
						Hemlock	Trace	Variable	Sapling	of the stand in the early 1990s. Rare trailing arbutus in subcanopy.
						Balsam Fir	Low	Variable	Sapling	Many age and size classes represented.
						Black Spruce	Trace	Variable	Sapling	
47	42110 - Plar				Mediur		111-140	N/A		West side was planted, east side is natural red pine. Scattered relic red pine in east third. Two cohorts: first is red pine and oak (84 years old) +
	Canopy Species		Size Class		Age	Sub-Canopy Species	Density	Avg. Height	Size	scattered legacy trees (120 years+/-); second is bigtooth aspen, red
	Red Maple	6	Pole/Sap/Log	7	53	White Pine	Trace	Variable	Sapling	maple, red oak (53 years).
	Red Oak	4	Log/Pole	12		Beech	Trace	5 - 10 feet	Sapling	Rare red pine, paper birch, black cherry in subcanopy. Scattered jack pine, mostly snags but a couple living.
	Bigtooth Aspen	1	Pole/Log	8	53	Red Oak	Low	Variable	Sapling	
	Red Pine	89	Log/XLog	16	84	Bracken Fern	Trace	Unspecified	Non-Wood	
						Balsam Fir	Trace	Variable	Sapling	
					E	Blueberry/Bilberry/Cranber	ry Trace	< 5 feet	Tall Shrub	
						Red Maple	Medium	>20 feet	Sapling	
48	122 - Road	I/Parking L	ot	Nonsto	ocked	8.3 Ui	nspecified	No		Doriva Beach Road: paved, plowed, maintained county road with broad shoulders.
49	4133 - Aspe				er Well	-	111-140	N/A		All deciduous species are two aged. Two cohorts: red pine (planted), red loak, white pine, bigtooth aspen (trace log/pole), red maple (2% log/pole)
	Canopy Species	% Cover	Size Class		Age	Sub-Canopy Species	Density	Avg. Height	Size	origin 1928. Second age aspen, red maple (5% pole/sap) origin 1974.
	Red Maple	7	Pole/Sap/Log	5		Red Maple	Low	Variable	Sapling	Still smaller diameter on aspen (small poles). Trace huckleberry in
	Red Oak	20	Log/Pole/XLog			Balsam Fir	Trace	Variable	Sapling	southeast. Balsam fir, white pine subcanopy is more common along the north utility line edge. West wedge is heavier to oak and red pine. Trace
	Bigtooth Aspen	45	Pole/Sap/Log	7	49	Beech	Low	Variable	Sapling	beech in the canopy.
	White Pine	1	Log/XLog	14		White Pine	Trace	Variable	Sapling	Presence of hazelnut in this capacity is unique for this compartment.
	Red Pine	27	Log/XLog/Pole	16	94	Huckleberry	Trace	< 5 feet	Tall Shrub	
						Serviceberry (Juneberry)	Low	5 - 10 feet	Tall Shrub	
					-	Hazelnut (American)			Tall Shrub	

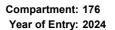
Report 7 – Stands



E DNR

Stand	Level 4 Co	over Type	S	ize De	nsity	Acres Stand Age BA	Range	Managed S	Site	General Comments
50	6132 - Mixed Lowla	nd Forest	with Cedar Saw	vtimber	Mediu	m 6.5 94 1	11-140	N/A		A very unique stand by this compartment's standards. Basswood, gree
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	ash, yellow birch, mountain maple, alternate leaved dogwood, striped maple are all rarities for this compartment. BAs vary significantly acros
	Red Pine	2	Log/XLog	16		Black Ash	Trace	Variable	Sapling	the stand. Trace yellow birch, hemlock in canopy. Rare bulrush, cattail.
	Red Oak	2	Log/XLog	14		Balsam Fir	High	Variable	Sapling	alternate leaved dogwood, hemlock in subcanopy.
	Paper Birch	4	Log/Pole	10		Striped Maple	Trace	10 - 20 feet	Sapling	"Supercanopy" red maple, red oak, red pine; midcanopy cedar, balsan fir. Paper birch and ash snags. Few cavities in the cedar. A lot of small
	Quaking Aspen	8	Pole/Log/Sap	8		Northern White Cedar	Trace	Variable	Sapling	critters are present in this stand.
	Balsam Fir	15	Pole/Log	8		Mountain Maple	Trace	10 - 20 feet	Sapling	North of utility line corridor is dominated by sap/pole cedar, bam, pape
	Basswood	1	Log/Pole	14		Green Ash	Trace	Variable	Sapling	birch, red maple with an increase in logs to the east. Slightly wetter. Stand is on top of mucky sand.
Noi	rthern White Cedar	33	Log/Pole/XLog	14	105	Red Maple	Trace	Variable	Sapling	
	Red Maple	33	Log/Pole/XLog	14	94					
	Balsam Poplar	2	Pole/Sapling	6						
51	4130 -	Aspen	S	Sapling	Well	21.5 5 lm	mature	N/A		Harvested in April of 2017; residual log/pole/sap/Xlog pine and oak.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	Northwest half is 75% forested, bta saplings with residual red and whit pine of various ages and size classes. Southeast half is 80% forested,
	Red Oak	3	Log/XLog	14		White Pine	Trace	Variable	Sapling	bta saplings with a higher density of residual red pine. Trace hemlock,
	White Pine	5	Pole/Log/Sap	8		Northern White Cedar	Trace	10 - 20 feet	Sapling	black spruce, and cedar in the canopy (on southwest edge of stand).
	Red Pine	10	Log/Pole/Sap	12	94	Sweet Fern	Trace	< 5 feet	Tall Shrub	Rare jack pine, trailing arbutus, bearberry, white spruce, and black spruce in the subcanopy.
	Bigtooth Aspen	75	Sapling	1	5	Wintergreen	Low	< 5 feet	Tall Shrub	Subcanopy red maple is heavily browsed into a shrub form.
	Red Maple	5	Sapling	1		Red Maple	Low	< 5 feet	Tall Shrub	
	Balsam Fir	2	Sapling	2		Balsam Fir	Trace	Variable	Sapling	
						Bracken Fern	High	Unspecified	Non-Wood	
						Red Pine	Low	Variable	Sapling	
						Blueberry/Bilberry/Cranberry	Trace	< 5 feet	Tall Shrub	
						Hemlock	Trace	10 - 20 feet	Sapling	
52	42110 - Plar	nted Red P	ine Saw	vtimber	Mediu	m 8.6 88 8	31-110	N/A		Trace oak, red maple in canopy. Rare balsam fir in subcanopy. Trace
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	raspberry, bracken, sweet fern in southeast adjacent to trail 18.
	Bigtooth Aspen	2	Pole	6		Serviceberry (Juneberry)	Trace	< 5 feet	Sapling	
	Red Pine	98	Log/XLog	16	88	Red Oak	Medium	Variable	Sapling	
						Bigtooth Aspen	Low	Variable	Sapling	
						Maple Leaved Viburnum	Trace	< 5 feet	Tall Shrub	
						Red Maple	High	Variable	Sapling	

Report 7 – Stands



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Stan	d Level 4 C	over Type	Si	ize De	ensity	Acres	Stand Age B	A Range	Managed	Site	General Comments
53	4123 -	Red Oak	Sa	wtimt	oer Wel	I 44.0	78	81-110	N/A		Trace jack pine in canopy. Rare beech, juniper, sweet fern in subcanopy.
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Really nice dense pine subcanopy surrounding trailhead. Gypsy moth egg masses present. Scattered legacy red pine; high visual and wildlife
	Red Maple	3	Pole/Log/Sap	6		W	hite Pine	Medium	Variable	Sapling	value. Scattered bigtooth and oak snags. High amount of wildlife activity
	White Pine	2	Log/Pole/XLog	14		Н	lemlock	Trace	>20 feet	Pole	and cavity usage.
	Red Pine	25	Log/XLog/Pole	14	124	Ba	alsam Fir	Low	Variable	Sapling	Unique pocket in the northwest with Xlog red pine, L/X/pole white pine with trace quaking aspen; hemlock nearby. The northern most acreage
	Red Oak	60	Log/Pole/XLog	14	78	R	ed Pine	Medium	Variable	Sapling	diverges into oak dominated with less aspen and increased red maple
	Bigtooth Aspen	10	Log/Pole	14		R	ed Oak	Low	Variable	Sapling	and white pine. Significant decline in pine subcanopy; higher inclusion of
						Blueberry/E	Bilberry/Cranber	ry Low	< 5 feet	Tall Shrub	balsam fir and red maple.
						Bra	cken Fern	Trace	Unspecified	Non-Wood	Land Use Order prohibits use of two track/trail through the northern half
						Re	ed Maple	Low	Variable	Sapling	of this stand and should be monitored for compliance.
						Н	lemlock	Trace	>20 feet	Sapling	
						Strip	oed Maple	Trace	10 - 20 feet	Sapling	
54	4122 - 0	Oak, Pine	Saw	timbe	r Mediu	ım 49.2	117	51-80	N/A		Trace red maple (pole), bigtooth (log/pole), and white pine (log/pole) in canopy. Very few relic red pine, ~150 years old. Rare balsam fir in
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	subcanopy, generally >20'. Very few scattered jack pine saplings/poles,
	Red Oak	60	Log/Pole/XLog	14	117	Sw	/eet Fern	Low	< 5 feet	Tall Shrub	shaded out and majority are dead.
	Red Pine	40	Log/Pole	12	81	W	hite Pine	Trace	Variable	Sapling	Stand is on a decent SSW slope, plateaued at top. Ski trails present.
					<u> </u>	Blueberry/E	Bilberry/Cranber	ry Low	< 5 feet	Tall Shrub	Clumpy red pine and aspen regeneration; fully stocked in some areas,
											low scattered stocking elsewhere. Oak regen is multi-stemmed and very
						R	led Oak	Low	Variable	Sapling	Tow scallered slocking elsewhere. Oak regen is multi-stemmed and very
							ed Oak erry (Juneberry)		Variable < 5 feet		clumpy. Most aspen is >20' except under dense residual cover where it's still 10-20'. Some for red pine, except suppressed individuals are 5-20'.
						Servicebe	-			Sapling	clumpy. Most aspen is >20' except under dense residual cover where it's still 10-20'. Some for red pine, except suppressed individuals are 5-20'. Slightly higher residual BA on hillside. Many active burrows on the
						Servicebe Bigto	erry (Juneberry)	Low	< 5 feet	Sapling Tall Shrub	clumpy. Most aspen is >20' except under dense residual cover where it's still 10-20'. Some for red pine, except suppressed individuals are 5-20'.
						Servicebe Bigto	erry (Juneberry) both Aspen	Low Medium	< 5 feet >20 feet	Sapling Tall Shrub Sapling	clumpy. Most aspen is >20' except under dense residual cover where it's still 10-20'. Some for red pine, except suppressed individuals are 5-20'. Slightly higher residual BA on hillside. Many active burrows on the
						Servicebe Bigto	erry (Juneberry) both Aspen Beech	Low Medium Low	< 5 feet >20 feet 5 - 10 feet	Sapling Tall Shrub Sapling Sapling	clumpy. Most aspen is >20' except under dense residual cover where it's still 10-20'. Some for red pine, except suppressed individuals are 5-20'. Slightly higher residual BA on hillside. Many active burrows on the



	1	Atlanta Mg								Year of Entry: 2024		
Stan	d Level 4 C	over Type	S	ize De	nsity	Acres Stand Age E	A Range	Managed	Site	General Comments		
55	42210 - Na	tural Red Pi	ine Sa	awtimb	er Pooi	r 9.8 88	1-50	N/A		Trace oak and bigtooth aspen in canopy. One tiny hemlock sapling in northwest. Red pine decline on northeast hilltop and south-central slope.		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	South quarter of stand is white pine dominated with a significant increase		
	Red Pine	80	Log/XLog	16	88	Beech	Trace	Variable	Sapling	in white pine regen under the seed source. Increased maple leaved		
	White Pine	20	XLog/Log	20		Sweet Fern	Trace	< 5 feet	Tall Shrub	viburnum associated with white pine.		
						Red Oak	Medium	Variable	Sapling			
						Bracken Fern	Low	Unspecified	Non-Wood			
						Bigtooth Aspen	Medium	>20 feet	Sapling			
						Maple Leaved Viburnum	Low	< 5 feet	Tall Shrub			
						Red Pine	Trace	< 5 feet	Sapling			
						White Pine	Trace	Variable	Sapling			
						Black Cherry	Trace	Variable	Sapling			
						Balsam Fir	Trace	Variable	Sapling			
						Serviceberry (Juneberry)	Low	< 5 feet	Sapling			
						Juniper	Trace	< 5 feet	Tall Shrub			
						Red Maple	High	Variable	Sapling			
	4100 Other Mixe			owtimb		Blueberry/Bilberry/Cranbe		< 5 feet	Tall Shrub	1		
56	4199 - Other Mixe Canopy Species		eciduous Sa		er Well Age		81-110 Density	< 5 feet N/A Avg. Height		Trace white pine in canopy. Trace white pine and red pine regeneration gaps; suppressed older sapling/pole red pine scattered. Scattered		
56		% Cover			er Well	1 7.7 93	81-110	N/A		Trace white pine in canopy. Trace white pine and red pine regeneration gaps; suppressed older sapling/pole red pine scattered. Scattered senescing aspen. Tiny topographic variation from west to east with a small but distinct		
56	Canopy Species	% Cover	Size Class	DBH	er Well Age	I 7.7 93 Sub-Canopy Species	81-110 Density Trace	N/A Avg. Height	Size	Trace white pine in canopy. Trace white pine and red pine regeneration gaps; suppressed older sapling/pole red pine scattered. Scattered senescing aspen. Tiny topographic variation from west to east with a small but distinct ridgeline and some very large boulders on crest.		
56	Canopy Species Red Oak	% Cover 45	Size Class Log/Pole/XLog	DBH 12	er Well Age	I 7.7 93 Sub-Canopy Species Balsam Fir	81-110 Density Trace	N/A Avg. Height Variable	Size Sapling	Trace white pine in canopy. Trace white pine and red pine regeneration gaps; suppressed older sapling/pole red pine scattered. Scattered senescing aspen. Tiny topographic variation from west to east with a small but distinct ridgeline and some very large boulders on crest. Some areas with heaviest browse have saplings still <5'. Not much		
56	Canopy Species Red Oak Bigtooth Aspen	% Cover 45 35	Size Class Log/Pole/XLog Log/Pole	DBH 12 12	er Well Age	I 7.7 93 Sub-Canopy Species Balsam Fir Serviceberry (Juneberry	81-110 Density Trace Low	N/A Avg. Height Variable 5 - 10 feet	Size Sapling Sapling	Trace white pine in canopy. Trace white pine and red pine regeneration gaps; suppressed older sapling/pole red pine scattered. Scattered senescing aspen. Tiny topographic variation from west to east with a small but distinct ridgeline and some very large boulders on crest. Some areas with heaviest browse have saplings still <5'. Not much		
56	Canopy Species Red Oak Bigtooth Aspen Red Maple	% Cover 45 35 5	Size Class Log/Pole/XLog Log/Pole Pole/Log	DBH 12 12 8	er Well Age	7.7 93 Sub-Canopy Species Balsam Fir Serviceberry (Juneberry Red Oak	81-110 Density Trace Low Low	N/A Avg. Height Variable 5 - 10 feet Variable	Size Sapling Sapling Sapling	Trace white pine in canopy. Trace white pine and red pine regeneration gaps; suppressed older sapling/pole red pine scattered. Scattered senescing aspen. Tiny topographic variation from west to east with a small but distinct ridgeline and some very large boulders on crest. Some areas with heaviest browse have saplings still <5'. Not much reportable midcanopy. Lower quality oak and aspen. Valuable stand for		
56	Canopy Species Red Oak Bigtooth Aspen Red Maple	% Cover 45 35 5	Size Class Log/Pole/XLog Log/Pole Pole/Log	DBH 12 12 8	er Well Age	7.7 93 Sub-Canopy Species Balsam Fir Serviceberry (Juneberry) Red Oak Red Pine	81-110 Density Trace Low Low Trace	N/A Avg. Height Variable 5 - 10 feet Variable Variable	Size Sapling Sapling Sapling Sapling	Trace white pine in canopy. Trace white pine and red pine regeneration gaps; suppressed older sapling/pole red pine scattered. Scattered senescing aspen. Tiny topographic variation from west to east with a small but distinct ridgeline and some very large boulders on crest. Some areas with heaviest browse have saplings still <5'. Not much reportable midcanopy. Lower quality oak and aspen. Valuable stand for		
56	Canopy Species Red Oak Bigtooth Aspen Red Maple	% Cover 45 35 5	Size Class Log/Pole/XLog Log/Pole Pole/Log	DBH 12 12 8	er Well Age	I 7.7 93 Sub-Canopy Species Balsam Fir Serviceberry (Juneberry) Red Oak Red Pine White Pine	81-110 Density Trace Low Low Trace Trace	N/A Avg. Height Variable 5 - 10 feet Variable Variable Variable	Size Sapling Sapling Sapling Sapling Sapling	Trace white pine in canopy. Trace white pine and red pine regeneration gaps; suppressed older sapling/pole red pine scattered. Scattered senescing aspen. Tiny topographic variation from west to east with a small but distinct ridgeline and some very large boulders on crest. Some areas with heaviest browse have saplings still <5'. Not much reportable midcanopy. Lower quality oak and aspen. Valuable stand for		
56	Canopy Species Red Oak Bigtooth Aspen Red Maple	% Cover 45 35 5 15 tural Red Pi	Size Class Log/Pole/XLog Pole/Log Log/Pole	DBH 12 12 8 14	er Well 93 93 Medium	7.7 93 Sub-Canopy Species Balsam Fir Serviceberry (Juneberry) Red Oak Red Pine White Pine Red Pine Red Pine Red Pine Red Maple Red Maple	BI-110 Density Image: Imag	N/A Avg. Height Variable 5 - 10 feet Variable Variable Variable >20 feet	Size Sapling Sapling Sapling Sapling Sapling Pole Sapling	Trace white pine in canopy. Trace white pine and red pine regeneration gaps; suppressed older sapling/pole red pine scattered. Scattered senescing aspen. Tiny topographic variation from west to east with a small but distinct ridgeline and some very large boulders on crest. Some areas with heaviest browse have saplings still <5'. Not much reportable midcanopy. Lower quality oak and aspen. Valuable stand for cavity dwelling wildlife.		
	Canopy Species Red Oak Bigtooth Aspen Red Maple Red Pine 42210 - Nat Canopy Species	% Cover 45 35 5 15 tural Red Pi	Size Class Log/Pole/XLog Log/Pole Log/Pole	DBH 12 12 8 14	er Well 93	7.7 93 Sub-Canopy Species Balsam Fir Serviceberry (Juneberry) Red Oak Red Pine White Pine Red Pine Red Pine Red Pine Red Maple Red Maple	81-110 Density Trace Low Low Trace Trace Trace Medium	N/A Avg. Height Variable 5 - 10 feet Variable Variable Variable >20 feet Variable N/A Avg. Height	Size Sapling Sapling Sapling Sapling Sapling Pole Sapling Sapling	Trace white pine in canopy. Trace white pine and red pine regeneration gaps; suppressed older sapling/pole red pine scattered. Scattered senescing aspen. Tiny topographic variation from west to east with a small but distinct ridgeline and some very large boulders on crest. Some areas with heaviest browse have saplings still <5'. Not much reportable midcanopy. Lower quality oak and aspen. Valuable stand for cavity dwelling wildlife.		
	Canopy Species Red Oak Bigtooth Aspen Red Maple Red Pine 42210 - Nat	% Cover 45 35 5 15 tural Red Pi	Size Class Log/Pole/XLog Pole/Log Log/Pole	DBH 12 12 8 14	er Well 93 93 Medium	7.7 93 Sub-Canopy Species Balsam Fir Serviceberry (Juneberry) Red Oak Red Pine White Pine Red Pine Red Pine Red Maple 5.6 25	81-110 Density Trace Low Low Trace Trace Trace Medium	N/A Avg. Height Variable 5 - 10 feet Variable Variable >20 feet Variable N/A	Size Sapling Sapling Sapling Sapling Sapling Pole Sapling	Trace white pine in canopy. Trace white pine and red pine regeneration gaps; suppressed older sapling/pole red pine scattered. Scattered senescing aspen. Tiny topographic variation from west to east with a small but distinct ridgeline and some very large boulders on crest. Some areas with heaviest browse have saplings still <5'. Not much reportable midcanopy. Lower quality oak and aspen. Valuable stand for cavity dwelling wildlife.		
	Canopy Species Red Oak Bigtooth Aspen Red Maple Red Pine 42210 - Nat Canopy Species	% Cover 45 35 5 15 tural Red Pi % Cover	Size Class Log/Pole/XLog Log/Pole Log/Pole	DBH 12 12 8 14 apling N DBH	er Well 93 93 Medium	7.7 93 Sub-Canopy Species Balsam Fir Serviceberry (Juneberry) Red Oak Red Pine White Pine Red Pine Red Pine Serviceberry Sub-Canopy Species	81-110 Density Trace Low Low Trace Trace Trace Medium mature Density	N/A Avg. Height Variable 5 - 10 feet Variable Variable Variable >20 feet Variable N/A Avg. Height	Size Sapling Sapling Sapling Sapling Sapling Pole Sapling Sapling	Trace white pine in canopy. Trace white pine and red pine regeneration gaps; suppressed older sapling/pole red pine scattered. Scattered senescing aspen. Tiny topographic variation from west to east with a small but distinct ridgeline and some very large boulders on crest. Some areas with heaviest browse have saplings still <5'. Not much reportable midcanopy. Lower quality oak and aspen. Valuable stand for cavity dwelling wildlife.		
	Canopy Species Red Oak Bigtooth Aspen Red Maple Red Pine 42210 - Nat Canopy Species White Pine	% Cover 45 35 5 15 tural Red Pi % Cover 2	Size Class Log/Pole/XLog Log/Pole Log/Pole ine Sa Size Class Sapling/Pole	DBH 12 12 8 14 apling N DBH 3	er Well 93 93 Medium	7.7 93 Sub-Canopy Species Balsam Fir Serviceberry (Juneberry) Red Oak Red Pine White Pine Red Pine Red Maple 5.6 25 Sub-Canopy Species Bracken Fern	81-110 Density I Trace Low Low Trace Trace Trace Medium Medium Density High	N/A Avg. Height Variable 5 - 10 feet Variable Variable >20 feet Variable N/A Avg. Height Unspecified	Size Sapling Sapling Sapling Sapling Pole Sapling Sapling Sapling	Trace white pine in canopy. Trace white pine and red pine regeneration gaps; suppressed older sapling/pole red pine scattered. Scattered senescing aspen. Tiny topographic variation from west to east with a small but distinct ridgeline and some very large boulders on crest. Some areas with heaviest browse have saplings still <5'. Not much reportable midcanopy. Lower quality oak and aspen. Valuable stand for cavity dwelling wildlife.		
	Canopy Species Red Oak Bigtooth Aspen Red Maple Red Pine 42210 - Nat Canopy Species White Pine Red Pine	% Cover 45 35 5 15 tural Red Pi % Cover 2 93	Size Class Log/Pole/XLog Log/Pole Log/Pole Log/Pole	DBH 12 12 8 14 apling N DBH 3 4	er Well 93 93 Medium	7.7 93 Sub-Canopy Species Balsam Fir Serviceberry (Juneberry) Red Oak Red Pine White Pine Red Pine Red Maple 5.6 25 Sub-Canopy Species Bracken Fern Bearberry	BI-110 Density I Trace Low Low Trace Trace Trace Medium Medium Density High High I Trace	N/A Avg. Height Variable 5 - 10 feet Variable Variable >20 feet Variable N/A Avg. Height Unspecified < 5 feet	Size Sapling Sapling Sapling Sapling Pole Sapling Sapling Sapling	Trace white pine in canopy. Trace white pine and red pine regeneration gaps; suppressed older sapling/pole red pine scattered. Scattered senescing aspen. Tiny topographic variation from west to east with a small but distinct ridgeline and some very large boulders on crest. Some areas with heaviest browse have saplings still <5'. Not much reportable midcanopy. Lower quality oak and aspen. Valuable stand for cavity dwelling wildlife. Patchy stand of very dense natural red pine saplings with scattered jack and white pine. Herbicide application in 2021 to surrounding red pine plantation knocked back red oak and red maple (both canopy and subcanopy) and trace aspen. All were insignificant components of the canopy and are now even lesser components of an already simple subcanopy.		
	Canopy Species Red Oak Bigtooth Aspen Red Maple Red Pine 42210 - Nat Canopy Species White Pine Red Pine	% Cover 45 35 5 15 tural Red Pi % Cover 2 93	Size Class Log/Pole/XLog Log/Pole Log/Pole Log/Pole	DBH 12 12 8 14 apling N DBH 3 4	er Well 93 93 Medium	7.7 93 Sub-Canopy Species Balsam Fir Serviceberry (Juneberry) Red Oak Red Pine White Pine Red Pine Red Maple 5.6 25 Sub-Canopy Species Bracken Fern Bearberry Red Pine	BI-110 Density I Trace Low Low Trace Trace Medium Medium Density High Irace Irace	N/A Avg. Height Variable 5 - 10 feet Variable Variable >20 feet Variable N/A Avg. Height Unspecified < 5 feet Variable	Size Sapling Sapling Sapling Sapling Pole Sapling Sapling Sapling Sapling Size Non-Wood Tall Shrub Sapling	Trace white pine in canopy. Trace white pine and red pine regeneration gaps; suppressed older sapling/pole red pine scattered. Scattered senescing aspen. Tiny topographic variation from west to east with a small but distinct ridgeline and some very large boulders on crest. Some areas with heaviest browse have saplings still <5'. Not much reportable midcanopy. Lower quality oak and aspen. Valuable stand for cavity dwelling wildlife. Patchy stand of very dense natural red pine saplings with scattered jack and white pine. Herbicide application in 2021 to surrounding red pine plantation knocked back red oak and red maple (both canopy and subcanopy) and trace aspen. All were insignificant components of the canopy and are now even lesser components of an already simple subcanopy.		
	Canopy Species Red Oak Bigtooth Aspen Red Maple Red Pine 42210 - Nat Canopy Species White Pine Red Pine	% Cover 45 35 5 15 tural Red Pi % Cover 2 93	Size Class Log/Pole/XLog Log/Pole Log/Pole Log/Pole	DBH 12 12 8 14 apling N DBH 3 4	er Well 93 93 Medium	7.7 93 Sub-Canopy Species Balsam Fir Serviceberry (Juneberry) Red Oak Red Pine White Pine Red Pine Red Maple 5.6 25 Sub-Canopy Species Bracken Fern Bearberry Red Pine White State White Pine Red Maple	BI-110 Density Trace Low Low Trace Trace Medium Medium Density High High Irace Low	N/A Avg. Height Variable 5 - 10 feet Variable Variable >20 feet Variable N/A Avg. Height Unspecified < 5 feet Variable < 5 feet	Size Sapling Sapling Sapling Sapling Sapling Pole Sapling Sapling Non-Wood Tall Shrub Sapling Tall Shrub	Trace white pine in canopy. Trace white pine and red pine regeneration gaps; suppressed older sapling/pole red pine scattered. Scattered senescing aspen. Tiny topographic variation from west to east with a small but distinct ridgeline and some very large boulders on crest. Some areas with heaviest browse have saplings still <5'. Not much reportable midcanopy. Lower quality oak and aspen. Valuable stand for cavity dwelling wildlife. Patchy stand of very dense natural red pine saplings with scattered jack and white pine. Herbicide application in 2021 to surrounding red pine plantation knocked back red oak and red maple (both canopy and subcanopy) and trace aspen. All were insignificant components of the canopy and are now even lesser components of an already simple subcanopy.		
	Canopy Species Red Oak Bigtooth Aspen Red Maple Red Pine 42210 - Nat Canopy Species White Pine Red Pine	% Cover 45 35 5 15 tural Red Pi % Cover 2 93	Size Class Log/Pole/XLog Log/Pole Log/Pole Log/Pole	DBH 12 12 8 14 apling N DBH 3 4	Age 93 Aedium Age 25	7.7 93 Sub-Canopy Species Balsam Fir Serviceberry (Juneberry) Red Oak Red Pine White Pine Red Pine Red Maple 5.6 25 Sub-Canopy Species Bracken Fern Bearberry Red Pine Wintergreen Red Oak	BI-110 Density Trace Low Trace Trace Trace Medium Medium High Trace Low Trace Trace Trace Trace Trace Low	N/A Avg. Height Variable 5 - 10 feet Variable Variable >20 feet Variable N/A Avg. Height Unspecified < 5 feet Variable < 5 feet	Size Sapling Sapling Sapling Sapling Pole Sapling Sapling Non-Wood Tall Shrub Sapling Tall Shrub	Trace white pine in canopy. Trace white pine and red pine regeneration gaps; suppressed older sapling/pole red pine scattered. Scattered senescing aspen. Tiny topographic variation from west to east with a small but distinct ridgeline and some very large boulders on crest. Some areas with heaviest browse have saplings still <5'. Not much reportable midcanopy. Lower quality oak and aspen. Valuable stand for cavity dwelling wildlife. Patchy stand of very dense natural red pine saplings with scattered jack and white pine. Herbicide application in 2021 to surrounding red pine plantation knocked back red oak and red maple (both canopy and subcanopy) and trace aspen. All were insignificant components of the canopy and are now even lesser components of an already simple subcanopy.		
	Canopy Species Red Oak Bigtooth Aspen Red Maple Red Pine 42210 - Nat Canopy Species White Pine Red Pine	% Cover 45 35 5 15 tural Red Pi % Cover 2 93	Size Class Log/Pole/XLog Log/Pole Log/Pole Log/Pole	DBH 12 12 8 14 apling N DBH 3 4	Age 93 Aedium Age 25	7.7 93 Sub-Canopy Species Balsam Fir Serviceberry (Juneberry) Red Oak Red Pine White Pine Red Pine Red Maple 5.6 25 Sub-Canopy Species Bracken Fern Bearberry Red Pine Wintergreen Red Oak White Pine	BI-110 Density Trace Low Trace Trace Trace Medium Medium High Trace Low Trace Trace Trace Trace Trace Low	N/A Avg. Height Variable 5 - 10 feet Variable Variable >20 feet Variable N/A Avg. Height Unspecified < 5 feet Variable < 5 feet Variable Variable	Size Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling NoneWood Tall Shrub Sapling Tall Shrub Sapling Sapling	Trace white pine in canopy. Trace white pine and red pine regeneration gaps; suppressed older sapling/pole red pine scattered. Scattered senescing aspen. Tiny topographic variation from west to east with a small but distinct ridgeline and some very large boulders on crest. Some areas with heaviest browse have saplings still <5'. Not much reportable midcanopy. Lower quality oak and aspen. Valuable stand for cavity dwelling wildlife. Patchy stand of very dense natural red pine saplings with scattered jack and white pine. Herbicide application in 2021 to surrounding red pine plantation knocked back red oak and red maple (both canopy and subcanopy) and trace aspen. All were insignificant components of the canopy and are now even lesser components of an already simple subcanopy.		
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Stand	Level 4 C	over Type	Si	ize De	nsity	Acres	Stand Age B	A Range	Managed S	Site	General Comments
58	42111 - Planted Dec	l Red Pine, iduous	Mixed Sa	wtimb	er Wel	14.7	89	81-110	N/A		Trace scattered jack pine in the northeast. Trace white pine in canopy. Rare balsam fir, bigtooth aspen, and beech in the subcanopy. Jack pine
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	seem to be preferred nesting trees. Be alert to active nests. Few ground dwelling animals in this stand, too.
	Red Oak	15	Pole/Log	8		R	ed Oak	Low	Variable	Sapling	
	Red Maple	3	Pole	6		Servicebe	erry (Juneberry)	Low	Variable	Sapling	
	Red Pine	67	Log/XLog	14	89	Wł	nite Pine	Trace	< 5 feet	Sapling	
59	4310 - Pii	ne, Oak Mi	x Sa	wtimb	er Well	28.3	101	81-110	N/A		More stems per acre of red pine than oak, but oak crowns occupy more
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	canopy space. Trace white pine, sugar maple, jack pine in canopy. Blackknot present on cherry brush. Trace paper birch snags in northwest;
	Red Maple	1	Pole	7	_	Wł	nite Pine	Trace	Variable	Sapling	5-13 year seed viability in the seedbank.
	Red Oak	55	Log/Pole	12	101	Ba	lsam Fir	Low	Variable	Sapling	Trace sweet fern along dirtbike trail. Trace Xlog oak in southeast. Small
	Bigtooth Aspen	2	Log/Pole/XLog	14		Blac	ck Cherry	Trace	< 5 feet	Sapling	pocket of red pine mortality in south central should be observed by forest health personnel.
	Red Pine	42	Log/Pole	12	96	E	Beech	Low	Variable	Sapling	
						Re	ed Pine	Trace	Variable	Sapling	
						Wł	nite Pine	Trace	>20 feet	Pole	
						Re	d Maple	High	Variable	Sapling	
						R	ed Oak	Low	Variable	Sapling	
						Servicebe	erry (Juneberry)	Medium	Variable	Tall Shrub	
60	4310 - Pii	ne, Oak Mi	x Sa	wtimb	er Well	16.7	94	111-140	N/A		Multiple age classes represented. 1889 year of origin oak and red pine
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	(Xlog/log); red pine interplanted planted in 1928; 1946 removal harvest (resulting in cohort of aspen, red maple); 1994 red pine and red maple
	Red Pine	45	Log/Pole/XLog	12	94	Wł	nite Pine	Trace	>20 feet	Pole	thinning resulting in subcanopy maple, oak, and pine.
I	Bigtooth Aspen	14	Log/Pole	10		E	Beech	Low	10 - 20 feet	Sapling	Lesser quality oak and aspen with some senescence in both.
	Red Maple	1	Pole	6		Wł	nite Pine	Trace	Variable	Sapling	Rare juniper in northeast. Rare striped maple. A flatter stand with a little bit of topography to the south edge.
	Red Oak	40	Log/Pole/XLog	14	133	Maple Lea	aved Viburnum	Trace	< 5 feet	Tall Shrub	
						Brad	cken Fern	Medium	Unspecified	Non-Wood	
						R	ed Oak	Low	Variable	Sapling	
						Re	d Maple	Medium	Variable	Sapling	
						Ва	lsam Fir	Trace	5 - 10 feet	Sapling	
						Re	ed Pine	Low	Variable	Sapling	
						Servicebe	erry (Juneberry)	Low	5 - 10 feet	Tall Shrub	
						Blueberry/B	ilberry/Cranber	ry Medium	< 5 feet	Tall Shrub	



tand	d Level 4 Co	over Type	Si	ze De	nsity	Acres Stand Age	BA Range	Managed	Site	General Comments
61	4133 - Aspe	n, Mixed P	Pine Pol	letimb	er Well	33.1 49	111-140	N/A		Two aged stand: Red pine planted in 1931 amongst natural oak (log/xlo
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Specie	s Density	Avg. Height	Size	(trace aspen log/xlog). Aspen (P/L/S), red maple (P/S), and oak (P/L/S) cohort from 1972 removal. Xlog oak prevalent along the utility line.
	Red Maple	10	Pole/Log/Sap	6		Paper Birch	Trace	>20 feet	Sapling	Cavities in bigtooth aspen. Maple leaved viburnum by ski trail in
	Bigtooth Aspen	44	Pole/Log	7	49	White Pine	Trace	Variable	Sapling	northwest. Small clump of sugar maple saplings associated with bigtoo
	White Pine	2	Log/XLog	16		Balsam Fir	Trace	Variable	Sapling	white pine, striped maple, and MLV. Trace paper birch, jack pine, sugar maple in canopy.Rare red pine, white spruce, striped maple in
	Red Pine	24	Log/XLog/Pole	14	91	Maple Leaved Viburnu	m Low	< 5 feet	Tall Shrub	subcanopy. Easternmost acreage and south of the utility line are very
	Red Oak	20	Pole/Log/XLog	8		Beech	Trace	5 - 10 feet	Sapling	much still pole dominated with a much less complex subcanopy (rather
						Serviceberry (Juneberr	y) Low	5 - 10 feet	Tall Shrub	sparse with scattered red maple in the east; red maple with trace white pine, bf, serviceberry, and mlv in the south). West log-dominated area
						Red Maple	Medium	Variable	Sapling	messier, has a higher stocking of red pine, and has more diversity in
					L	·				general.
62	42111 - Planted Deci	Red Pine, duous	Mixed Sa	wtimb	er Well	18.5 84	111-140	N/A		Trace white pine and red maple in the canopy. Rare bearberry, juniper, maple leaved viburnum, balsam fir, jack pine in the subcanopy.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Specie	s Density	Avg. Height	Size	Pretty decent valley in northwest. "Free-to-grow" second aged aspen is 3-4" dbh and 30'. Those growing
	Bigtooth Aspen	3	Log/Pole/XLog	12		Bigtooth Aspen	Low	>20 feet	Sapling	with denser residual are 2", around 20' or less. Canopy bigtooth aspen
	Red Pine	65	Log/Pole/XLog	14	84	Wintergreen	Trace	< 5 feet	Tall Shrub	(from parent stand) present along east edge, one to two chains in from
	Red Oak	32	Log/Pole/XLog	14		Bracken Fern	Low	Unspecified	Non-Wood	the road, is 16" log/Xlog, likely left for visual management when harvested in the 1990s. Interior aspen, parent cohort, is 10-12" dbh.
					1	Red Pine	Low	Variable	Sapling	Trailhead in adjacent compartment across road.
						Serviceberry (Juneberr	y) Low	Variable	Sapling	
						White Pine	Trace	Variable	Sapling	
						Red Oak	Medium	Variable	Sapling	
						Red Maple	Medium	10 - 20 feet	Sapling	
63	4199 - Other Mixed	d Upland D	Deciduous Pol	letimb	er Well	1.8 48	81-110	N/A		Two aged stand, unable to represent as such in MiFI: 103 year old (parent stand at 25% total canopy occupancy, L/X oak, pine, aspen), 4
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Specie	s Density	Avg. Height	Size	year old (second age at 75% canopy occupancy, pole/sap oak, aspen), 4
	Red Maple	10	Pole/Sap/Log	5		Bigtooth Aspen	Medium	Variable	Sapling	maple).
	Red Oak	50	Pole/Log/Sap	6	48	Serviceberry (Juneberr	y) Low	Variable	Tall Shrub	Two very small islands with distinct topographic knobs. Very challengin
	Bigtooth Aspen	28	Pole/Sap/Log	6		Red Maple	High	Variable	Sapling	to represent in MiFI. South island is two aged, dominated by oak (49% X/L, 40% P/S) with red maple (1% L/P, 9% P/S) and aspen (1% pole).
	Red Pine	12	Pole/Log	8		Pines (spp.)	Low	Variable	Sapling	North island is also two aged: oak (10% X/L, 25% P/S), aspen (9% L/P
				·						25% P/S), red maple (1% L, 5% P/S), and red pine (15% P/L). Trace white pine, blueberry, and balsam fir in the subcanopy of the nor island. Small burrows in south island - active.



											Year of Entry: 2024
Stan	d Level 4 Co	ver Type	Si	ize Dei	nsity	Acres	Stand Age B	BA Range	Managed	Site	General Comments
64	42210 - Natu	ural Red P	rine Saw	timber	Mediu	m 1.4	88	111-140	N/A		Stems not affected by browse are 10-20'; other are <10. Rare white pine
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	in subcanopy. This is long term retention for stand 65.
	Red Oak	5	Log/XLog	14		Brad	ken Fern	Medium	Unspecified	Non-Wood	
	Red Pine	95	Log/XLog/Pole	14	88	Maple Le	aved Viburnum	Trace	< 5 feet	Tall Shrub	
						Servicebe	rry (Juneberry)) Medium	Variable	Sapling	
						Wir	itergreen	Low	< 5 feet	Tall Shrub	
						Blueberry/B	ilberry/Cranber	rry Medium	< 5 feet	Tall Shrub	
						R	ed Oak	Medium	Variable	Sapling	
						I	Beech	Trace	5 - 10 feet	Sapling	
						Bigto	oth Aspen	Trace	10 - 20 feet	Sapling	
						R	ed Pine	Trace	< 5 feet	Sapling	
						Re	d Maple	High	Variable	Sapling	
						Sw	eet Fern	Low	< 5 feet	Tall Shrub	
65	3102 -	Grass	١	Nonsto	cked	131.7		Inspecified	4211 - Planted		Observed stand in April 2022. Few scattered natural red, white, and jack pine volunteers. Survivorship of planted pine seems pretty good. Stand
							nopy Species		Avg. Height	Size	has been sprayed but there's some red maple and bigtooth competition.
						D o					
							d Maple	Medium	< 5 feet	Sapling	Trace scattered log sized red and white pine in south.
						R	ed Oak	Low	Variable	Sapling	5 acre pocket in southeast of natural red pine (not trenched or planted),
						R Blackbe	ed Oak rry/Raspberry	Low Trace	Variable < 5 feet	Sapling Tall Shrub	5 acre pocket in southeast of natural red pine (not trenched or planted), now stand 57. Stand boundaries will need to be adjusted after treatment is passed.
						R Blackbe Sw	ed Oak rry/Raspberry eet Fern	Low Trace Low	Variable < 5 feet < 5 feet	Sapling Tall Shrub Tall Shrub	5 acre pocket in southeast of natural red pine (not trenched or planted), now stand 57. Stand boundaries will need to be adjusted after treatment is passed. FTP C54-1094
						R Blackbe Sw	ed Oak rry/Raspberry	Low Trace	Variable < 5 feet	Sapling Tall Shrub Tall Shrub Non-Wood	5 acre pocket in southeast of natural red pine (not trenched or planted), now stand 57. Stand boundaries will need to be adjusted after treatment is passed. FTP C54-1094 Roller Chopped on 6/20/17
						R Blackbe Sw Brac Bigto	ed Oak rry/Raspberry eet Fern sken Fern oth Aspen	Low Trace Low Medium Trace	Variable < 5 feet < 5 feet Unspecified Variable	Sapling Tall Shrub Tall Shrub Non-Wood Sapling	5 acre pocket in southeast of natural red pine (not trenched or planted), now stand 57. Stand boundaries will need to be adjusted after treatment is passed. FTP C54-1094
						R Blackbe Sw Brac Bigto	ed Oak rry/Raspberry eet Fern sken Fern	Low Trace Low Medium	Variable < 5 feet < 5 feet Unspecified	Sapling Tall Shrub Tall Shrub Non-Wood	5 acre pocket in southeast of natural red pine (not trenched or planted), now stand 57. Stand boundaries will need to be adjusted after treatment is passed. FTP C54-1094 Roller Chopped on 6/20/17 Herbicide Application on 8/8/2018 Trenched on 10/30/2018: Lots of steep hills requiring additional time; steep areas were not identified on the map
						R Blackbe Sw Brac Bigto	ed Oak rry/Raspberry eet Fern sken Fern oth Aspen	Low Trace Low Medium Trace	Variable < 5 feet < 5 feet Unspecified Variable	Sapling Tall Shrub Tall Shrub Non-Wood Sapling	5 acre pocket in southeast of natural red pine (not trenched or planted), now stand 57. Stand boundaries will need to be adjusted after treatment is passed. FTP C54-1094 Roller Chopped on 6/20/17 Herbicide Application on 8/8/2018 Trenched on 10/30/2018: Lots of steep hills requiring additional time; steep areas were not identified on the map Planted 5/14/2019 at 974 TPA with half 3-0 and half 4-0 bare root stock.
						R Blackbe Sw Brac Bigto	ed Oak rry/Raspberry eet Fern sken Fern oth Aspen	Low Trace Low Medium Trace	Variable < 5 feet < 5 feet Unspecified Variable	Sapling Tall Shrub Tall Shrub Non-Wood Sapling	5 acre pocket in southeast of natural red pine (not trenched or planted), now stand 57. Stand boundaries will need to be adjusted after treatment is passed. FTP C54-1094 Roller Chopped on 6/20/17 Herbicide Application on 8/8/2018 Trenched on 10/30/2018: Lots of steep hills requiring additional time; steep areas were not identified on the map Planted 5/14/2019 at 974 TPA with half 3-0 and half 4-0 bare root stock.
						R Blackbe Sw Brac Bigto	ed Oak rry/Raspberry eet Fern sken Fern oth Aspen	Low Trace Low Medium Trace	Variable < 5 feet < 5 feet Unspecified Variable	Sapling Tall Shrub Tall Shrub Non-Wood Sapling	5 acre pocket in southeast of natural red pine (not trenched or planted), now stand 57. Stand boundaries will need to be adjusted after treatment is passed. FTP C54-1094 Roller Chopped on 6/20/17 Herbicide Application on 8/8/2018 Trenched on 10/30/2018: Lots of steep hills requiring additional time; steep areas were not identified on the map Planted 5/14/2019 at 974 TPA with half 3-0 and half 4-0 bare root stock. Year 1 survey has only 550 TPA with 95% FTG. Trenches starting to fill
66	42110 - Plan	ted Red F	^p ine Sa	awtimbe		R Blackbe Sw Brad Bigto R	ed Oak rry/Raspberry eet Fern kken Fern oth Aspen ed Pine	Low Trace Low Medium Trace	Variable < 5 feet < 5 feet Unspecified Variable	Sapling Tall Shrub Tall Shrub Non-Wood Sapling Sapling	5 acre pocket in southeast of natural red pine (not trenched or planted), now stand 57. Stand boundaries will need to be adjusted after treatment is passed. FTP C54-1094 Roller Chopped on 6/20/17 Herbicide Application on 8/8/2018 Trenched on 10/30/2018: Lots of steep hills requiring additional time; steep areas were not identified on the map Planted 5/14/2019 at 974 TPA with half 3-0 and half 4-0 bare root stock. Year 1 survey has only 550 TPA with 95% FTG. Trenches starting to fill in with sedge. Aerial release herbicide application completed 9/19/21. Trace red maple, quaking aspen, white pine in canopy. Rare white pine
66	42110 - Plan Canopy Species		Pine Sa ∙ Size Class	awtimbe		R Blackbe Sw Brac Bigto Ri Ri 18.3	ed Oak rry/Raspberry eet Fern :ken Fern oth Aspen ed Pine	Low Trace Medium Trace Full	Variable < 5 feet < 5 feet Unspecified Variable < 5 feet	Sapling Tall Shrub Tall Shrub Non-Wood Sapling Sapling	5 acre pocket in southeast of natural red pine (not trenched or planted), now stand 57. Stand boundaries will need to be adjusted after treatment is passed. FTP C54-1094 Roller Chopped on 6/20/17 Herbicide Application on 8/8/2018 Trenched on 10/30/2018: Lots of steep hills requiring additional time; steep areas were not identified on the map Planted 5/14/2019 at 974 TPA with half 3-0 and half 4-0 bare root stock. Year 1 survey has only 550 TPA with 95% FTG. Trenches starting to fill in with sedge. Aerial release herbicide application completed 9/19/21.
66					Age	R Blackbe Sw Brac Bigto R 18.3 18.3 Sub-Ca	ed Oak rry/Raspberry eet Fern oth Aspen ed Pine 84	Low Trace Medium Trace Full	Variable < 5 feet < 5 feet Unspecified Variable < 5 feet	Sapling Tall Shrub Tall Shrub Non-Wood Sapling Sapling	 5 acre pocket in southeast of natural red pine (not trenched or planted), now stand 57. Stand boundaries will need to be adjusted after treatment is passed. FTP C54-1094 Roller Chopped on 6/20/17 Herbicide Application on 8/8/2018 Trenched on 10/30/2018: Lots of steep hills requiring additional time; steep areas were not identified on the map Planted 5/14/2019 at 974 TPA with half 3-0 and half 4-0 bare root stock. Year 1 survey has only 550 TPA with 95% FTG. Trenches starting to fill in with sedge. Aerial release herbicide application completed 9/19/21. Trace red maple, quaking aspen, white pine in canopy. Rare white pine subcanopy. Scattered jack pine snags in southwest. Species removal about 30 years ago. Very decent advanced oak regeneration, especially considering browsing pressures throughout the compartment. More
66	Canopy Species	% Cover	Size Class	DBH		R Blackbe Sw Brac Bigto R 18.3 18.3 Sub-Ca Re	ed Oak rry/Raspberry eet Fern oth Aspen ed Pine 84 nopy Species	Low Trace Low Medium Trace Full 111-140	Variable < 5 feet Unspecified Variable < 5 feet N/A Avg. Height	Sapling Tall Shrub Tall Shrub Non-Wood Sapling Sapling Sapling Sapling Sapling	 5 acre pocket in southeast of natural red pine (not trenched or planted), now stand 57. Stand boundaries will need to be adjusted after treatment is passed. FTP C54-1094 Roller Chopped on 6/20/17 Herbicide Application on 8/8/2018 Trenched on 10/30/2018: Lots of steep hills requiring additional time; steep areas were not identified on the map Planted 5/14/2019 at 974 TPA with half 3-0 and half 4-0 bare root stock Year 1 survey has only 550 TPA with 95% FTG. Trenches starting to fill in with sedge. Aerial release herbicide application completed 9/19/21. Trace red maple, quaking aspen, white pine in canopy. Rare white pine subcanopy. Scattered jack pine snags in southwest. Species removal about 30 years ago. Very decent advanced oak regeneration, especially considering browsing pressures throughout the compartment. More diversity in southwest with less red pine, moer oak, maple, and trace
66	Canopy Species Red Oak	% Cover	Size Class	DBH 16	Age	R Blackbe Sw Brad Bigto R 18.3 18.3 Sub-Ca Re	ed Oak rry/Raspberry eet Fern oth Aspen ed Pine 84 nopy Species d Maple	Low Trace Low Medium Trace Full T11-140	Variable < 5 feet Unspecified Variable < 5 feet N/A Avg. Height Variable	Sapling Tall Shrub Tall Shrub Non-Wood Sapling Sapling Sapling	 5 acre pocket in southeast of natural red pine (not trenched or planted), now stand 57. Stand boundaries will need to be adjusted after treatment is passed. FTP C54-1094 Roller Chopped on 6/20/17 Herbicide Application on 8/8/2018 Trenched on 10/30/2018: Lots of steep hills requiring additional time; steep areas were not identified on the map Planted 5/14/2019 at 974 TPA with half 3-0 and half 4-0 bare root stock. Year 1 survey has only 550 TPA with 95% FTG. Trenches starting to fill in with sedge. Aerial release herbicide application completed 9/19/21. Trace red maple, quaking aspen, white pine in canopy. Rare white pine subcanopy. Scattered jack pine snags in southwest. Species removal about 30 years ago. Very decent advanced oak regeneration, especially considering browsing pressures throughout the compartment. More diversity in southwest with less red pine, moer oak, maple, and trace aspen. Densest blueberry resulted in no serviceberry or red maple
66	Canopy Species Red Oak	% Cover	Size Class	DBH 16	Age 84	R Blackbe Sw Brac Bigto R R 18.3 18.3 18.3 Sub-Ca Re Servicebe Ba	ed Oak rry/Raspberry eet Fern oth Aspen ed Pine 84 nopy Species d Maple ed Oak rry (Juneberry) Isam Fir	Low Trace Low Medium Trace Full Turace Full Sub Medium High Low Trace	Variable < 5 feet Unspecified Variable < 5 feet N/A Avg. Height Variable Variable	Sapling Tall Shrub Tall Shrub Non-Wood Sapling Sapling Sapling Sapling Sapling	5 acre pocket in southeast of natural red pine (not trenched or planted), now stand 57. Stand boundaries will need to be adjusted after treatment is passed. FTP C54-1094 Roller Chopped on 6/20/17 Herbicide Application on 8/8/2018 Trenched on 10/30/2018: Lots of steep hills requiring additional time; steep areas were not identified on the map Planted 5/14/2019 at 974 TPA with half 3-0 and half 4-0 bare root stock Year 1 survey has only 550 TPA with 95% FTG. Trenches starting to fill in with sedge. Aerial release herbicide application completed 9/19/21. Trace red maple, quaking aspen, white pine in canopy. Rare white pine subcanopy. Scattered jack pine snags in southwest. Species removal about 30 years ago. Very decent advanced oak regeneration, especially considering browsing pressures throughout the compartment. More diversity in southwest with less red pine, moer oak, maple, and trace aspen. Densest blueberry resulted in no serviceberry or red maple subcanopy - just oak (and an increase in balsam fir saplings on the perimeter of the blueberry). Smaller diameters in south and again in the
66	Canopy Species Red Oak	% Cover	Size Class	DBH 16	Age 84	R Blackbe Sw Brac Bigto R R 18.3 18.3 18.3 Sub-Ca Re Servicebe Ba	ed Oak rry/Raspberry eet Fern oth Aspen ed Pine 84 nopy Species d Maple ed Oak	Low Trace Low Medium Trace Full Turace Full Sub Medium High Low Trace	Variable < 5 feet Unspecified Variable < 5 feet N/A Avg. Height Variable Variable Variable	Sapling Tall Shrub Tall Shrub Non-Wood Sapling Sapling Sapling Sapling Sapling Sapling	5 acre pocket in southeast of natural red pine (not trenched or planted), now stand 57. Stand boundaries will need to be adjusted after treatmen is passed. FTP C54-1094 Roller Chopped on 6/20/17 Herbicide Application on 8/8/2018 Trenched on 10/30/2018: Lots of steep hills requiring additional time; steep areas were not identified on the map Planted 5/14/2019 at 974 TPA with half 3-0 and half 4-0 bare root stock Year 1 survey has only 550 TPA with 95% FTG. Trenches starting to fill in with sedge. Aerial release herbicide application completed 9/19/21. Trace red maple, quaking aspen, white pine in canopy. Rare white pine subcanopy. Scattered jack pine snags in southwest. Species removal about 30 years ago. Very decent advanced oak regeneration, especially considering browsing pressures throughout the compartment. More diversity in southwest with less red pine, moer oak, maple, and trace aspen. Densest blueberry resulted in no serviceberry or red maple subcanopy - just oak (and an increase in balsam fir saplings on the
66	Canopy Species Red Oak	% Cover	Size Class	DBH 16	Age 84	R Blackbe Sw Brac Bigto R 18.3 18.3 18.3 Sub-Ca Re Servicebe Ba Blueberry/B	ed Oak rry/Raspberry eet Fern oth Aspen ed Pine 84 nopy Species d Maple ed Oak rry (Juneberry) Isam Fir	Low Trace Low Medium Trace Full Turace Full Sub Medium High Low Trace	Variable < 5 feet Unspecified Variable < 5 feet N/A Avg. Height Variable Variable Variable Variable	Sapling Tall Shrub Tall Shrub Non-Wood Sapling Sapling Sapling Sapling Sapling Sapling Sapling	5 acre pocket in southeast of natural red pine (not trenched or planted), now stand 57. Stand boundaries will need to be adjusted after treatmen is passed. FTP C54-1094 Roller Chopped on 6/20/17 Herbicide Application on 8/8/2018 Trenched on 10/30/2018: Lots of steep hills requiring additional time; steep areas were not identified on the map Planted 5/14/2019 at 974 TPA with half 3-0 and half 4-0 bare root stock Year 1 survey has only 550 TPA with 95% FTG. Trenches starting to fill in with sedge. Aerial release herbicide application completed 9/19/21. Trace red maple, quaking aspen, white pine in canopy. Rare white pine subcanopy. Scattered jack pine snags in southwest. Species removal about 30 years ago. Very decent advanced oak regeneration, especially considering browsing pressures throughout the compartment. More diversity in southwest with less red pine, moer oak, maple, and trace aspen. Densest blueberry resulted in no serviceberry or red maple subcanopy - just oak (and an increase in balsam fir saplings on the perimeter of the blueberry). Smaller diameters in south and again in the very north, but generally increasing diameters from south to north.
66	Canopy Species Red Oak	% Cover	Size Class	DBH 16	Age 84	R Blackbe Sw Brac Bigto R 18.3 Sub-Ca Re R Servicebe Ba Blueberry/B	ed Oak rry/Raspberry eet Fern oth Aspen ed Pine 84 nopy Species d Maple ed Oak rry (Juneberry) Isam Fir ilberry/Cranber	Low Trace Low Medium Trace Full UTAC Full UTAC UAC UAC UAC UAC UAC UAC UAC UAC UAC U	Variable < 5 feet Unspecified Variable < 5 feet N/A Avg. Height Variable Variable Variable Variable < 5 feet	Sapling Tall Shrub Non-Wood Sapling Sapling Sapling Sapling Sapling Sapling Sapling Tall Shrub	5 acre pocket in southeast of natural red pine (not trenched or planted), now stand 57. Stand boundaries will need to be adjusted after treatmen is passed. FTP C54-1094 Roller Chopped on 6/20/17 Herbicide Application on 8/8/2018 Trenched on 10/30/2018: Lots of steep hills requiring additional time; steep areas were not identified on the map Planted 5/14/2019 at 974 TPA with half 3-0 and half 4-0 bare root stock Year 1 survey has only 550 TPA with 95% FTG. Trenches starting to fill in with sedge. Aerial release herbicide application completed 9/19/21. Trace red maple, quaking aspen, white pine in canopy. Rare white pine subcanopy. Scattered jack pine snags in southwest. Species removal about 30 years ago. Very decent advanced oak regeneration, especially considering browsing pressures throughout the compartment. More diversity in southwest with less red pine, moer oak, maple, and trace aspen. Densest blueberry resulted in no serviceberry or red maple subcanopy - just oak (and an increase in balsam fir saplings on the perimeter of the blueberry). Smaller diameters in south and again in the very north, but generally increasing diameters from south to north.

Report 7 – Stands

Compartment: 176 Year of Entry: 2024

stanc	d Level 4 Co		Si				Stand Age BA		Managed		
67	4130 -	- Aspen	Po	Poletimber Well		6.3	43 8	31-110	N/A		Rare beech in the subcanopy. Red maple couldn't quite keep up with
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	aspen and there is a large volume of suppressed individuals. Two aged oak, scattered Log + pole cohort.
	Bigtooth Aspen	87	Pole/Sap/Log	7	43	Red	l Maple	High	Variable	Sapling	West edge of stand is on loamy sand; rest is sand.
	White Pine	4	Log/Pole/XLog	14		Wint	ergreen	Medium	< 5 feet	Tall Shrub	
	Red Pine	2	Log	12		Whi	te Pine	Low	Variable	Sapling	
	Red Oak	5	Pole/Log	8		Blueberry/Bil	lberry/Cranberry	/ Trace	< 5 feet	Tall Shrub	
	Red Maple	2	Pole/Sap/Log	7		Serviceber	ry (Juneberry)	Trace	< 5 feet	Sapling	
						Re	d Oak	Low	Variable	Sapling	
68	4130 -	- Aspen	Sa	pling M	edium	n 7.4	3 In	nmature	N/A		North edge is a clump of residual sap/pole/log red oak, sap red maple,
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	log/pole red pine. Oak and maple are heavily browsed, multi-stemmed, unlikely to maintain any kind of measurable canopy status while the sta
	Red Oak	3	Sapling	1		Re	d Pine	Low	< 5 feet	Sapling	matures. Rare beech in subcanopy. Spotted knapweed along road.
	Bigtooth Aspen	92	Sapling	1	3	Brack	ken Fern	High	Unspecified	Non-Wood	Scattered residual sapling oak, maple, and red pine throughout the sta
	Red Maple	5	Sapling	1		Swe	et Fern	Low	< 5 feet	Tall Shrub	in negligible quantities. More red maple to the north of the road.
						Jac	k Pine	Low	< 5 feet	Sapling	
						Re	d Oak	Low	Variable	Sapling	
						Red	l Maple	Medium	Variable	Sapling	
69	3103 - R	ubus-Fern	n N	Nonstoc	ked	10.7		specified	4211 - Planted		This site was site prepped by the mulching machine on 11/30/21.Oak, red maple, serviceberry, and aspen dominated, but setback by
69	3103 - R	ubus-Fern	і Г	Nonstoc	ked	Sub-Can	opy Species	Density	Avg. Height	Size	red maple, serviceberry, and aspen dominated, but setback by rollerchopper. Significant changes will occur in the next inventory cycle
69	3103 - R	ubus-Fern	i N	Nonstoc	ked	Sub-Can Swe	opy Species eet Fern	Density Trace	Avg. Height < 5 feet	Size Tall Shrub	red maple, serviceberry, and aspen dominated, but setback by rollerchopper. Significant changes will occur in the next inventory cycle
69	3103 - R	Rubus-Fern	I N	Nonstoc	ked	Sub-Can Swe Bals	o py Species eet Fern sam Fir	Density Trace Trace	Avg. Height < 5 feet < 5 feet	Size Tall Shrub Sapling	red maple, serviceberry, and aspen dominated, but setback by rollerchopper. Significant changes will occur in the next inventory cycle
69	3103 - R	Rubus-Fern	I N	Nonstoc	ked	Sub-Can Swe Bals Whi	o py Species eet Fern sam Fir ite Pine	DensityTraceTraceTrace	Avg. Height < 5 feet < 5 feet < 5 feet	Size Tall Shrub Sapling Sapling	red maple, serviceberry, and aspen dominated, but setback by rollerchopper. Significant changes will occur in the next inventory cycle Much higher sweet fern in northwest on old landing.
69	3103 - R	Rubus-Fern	ı N	Nonstoc	ked	Sub-Can Swe Bals Whi Serviceber	et Fern sam Fir te Pine ry (Juneberry)	DensityTraceTraceTraceLow	Avg. Height < 5 feet < 5 feet < 5 feet < 5 feet	Size Tall Shrub Sapling Sapling Tall Shrub	red maple, serviceberry, and aspen dominated, but setback by rollerchopper. Significant changes will occur in the next inventory cycle Much higher sweet fern in northwest on old landing.
69	3103 - R	tubus-Fern	۱ N	Nonstoc	ked	Sub-Can Swe Bals Whi Serviceber Bigtoo	et Fern sam Fir te Pine ry (Juneberry) oth Aspen	DensityTraceTraceTraceLowTrace	Avg. Height < 5 feet	Size Tall Shrub Sapling Sapling Tall Shrub Sapling	red maple, serviceberry, and aspen dominated, but setback by rollerchopper. Significant changes will occur in the next inventory cycle Much higher sweet fern in northwest on old landing.
69	3103 - R	tubus-Fern	л Г	Nonstoc		Sub-Can Swe Bals Whi Serviceber Bigtoo Brack	opy Species eet Fern sam Fir te Pine ry (Juneberry) oth Aspen ken Fern	DensityTraceTraceTraceLowTraceLowLow	Avg. Height < 5 feet < 5 feet < 5 feet < 5 feet < 5 feet Unspecified	Size Tall Shrub Sapling Sapling Tall Shrub Sapling Non-Wood	red maple, serviceberry, and aspen dominated, but setback by rollerchopper. Significant changes will occur in the next inventory cycle Much higher sweet fern in northwest on old landing.
69	3103 - R	tubus-Fern	I N	Nonstoc		Sub-Can Swe Bals Whi Serviceber Bigtoo Brack Blueberry/Bil	opy Species eet Fern sam Fir ite Pine ry (Juneberry) oth Aspen ken Fern Iberry/Cranberry	Density Trace Trace Trace Low Low Low Low Low	Avg. Height < 5 feet < 5 feet < 5 feet < 5 feet Unspecified < 5 feet	Size Tall Shrub Sapling Sapling Tall Shrub Sapling Non-Wood Tall Shrub	red maple, serviceberry, and aspen dominated, but setback by rollerchopper. Significant changes will occur in the next inventory cycle Much higher sweet fern in northwest on old landing.
69	3103 - R	tubus-Fern	ı N	Nonstoc		Sub-Can Swe Bals Whi Serviceber Bigtoo Brack Blueberry/Bil Red	opy Species eet Fern sam Fir ite Pine ry (Juneberry) oth Aspen ken Fern lberry/Cranberry d Pine	Density Trace Trace Trace Low Low Low Low Trace	Avg. Height < 5 feet < 5 feet < 5 feet < 5 feet < 5 feet Unspecified < 5 feet < 5 feet	Size Tall Shrub Sapling Sapling Tall Shrub Sapling Non-Wood Tall Shrub Sapling	red maple, serviceberry, and aspen dominated, but setback by rollerchopper. Significant changes will occur in the next inventory cycle Much higher sweet fern in northwest on old landing.
69	3103 - R	tubus-Fern	л N	Nonstoo		Sub-Can Swe Bals Whi Serviceberr Bigtoo Brack Blueberry/Bil Red	opy Species eet Fern sam Fir ite Pine ry (Juneberry) oth Aspen ken Fern Iberry/Cranberry	Density Trace Trace Trace Low Low Low Low Low	Avg. Height < 5 feet < 5 feet < 5 feet < 5 feet Unspecified < 5 feet	Size Tall Shrub Sapling Sapling Tall Shrub Sapling Non-Wood Tall Shrub	red maple, serviceberry, and aspen dominated, but setback by rollerchopper. Significant changes will occur in the next inventory cycle Much higher sweet fern in northwest on old landing.
69 70	3103 - R 4310 - Pir			Nonstoo		Sub-Can Swe Bals Whi Servicebern Bigtoo Brack Blueberry/Bil Red Red	opy Species eet Fern sam Fir te Pine ry (Juneberry) oth Aspen ken Fern lberry/Cranberry d Pine l Maple d Oak	Density Trace Trace Trace Low	Avg. Height < 5 feet	Size Tall Shrub Sapling Sapling Tall Shrub Sapling Non-Wood Tall Shrub Sapling Sapling Sapling Sapling	red maple, serviceberry, and aspen dominated, but setback by rollerchopper. Significant changes will occur in the next inventory cycle. Much higher sweet fern in northwest on old landing. Trace red maple, white pine in canopy. Subcanopy bigtooth are in the
		ne, Oak Mi			Леdiu	Sub-Can Swe Bals Whi Serviceber Bigtoo Brack Blueberry/Bil Red Red Red Red	opy Species eet Fern sam Fir te Pine ry (Juneberry) oth Aspen ken Fern berry/Cranberry d Pine I Maple d Oak	Density Trace Trace Trace Low	Avg. Height < 5 feet	Size Tall Shrub Sapling Sapling Tall Shrub Sapling Non-Wood Tall Shrub Sapling Sapling Sapling Sapling	red maple, serviceberry, and aspen dominated, but setback by rollerchopper. Significant changes will occur in the next inventory cycle Much higher sweet fern in northwest on old landing. Trace red maple, white pine in canopy. Subcanopy bigtooth are in the large sapling, small pole class, mingling with the canopy. Rare maple
	4310 - Pir	ne, Oak Mi	ix Saw	timber I	Леdiu	Sub-Can Swe Bals Whi Serviceber Bigtoo Brack Blueberry/Bil Red Red Red Red Red	opy Species eet Fern sam Fir ite Pine ry (Juneberry) oth Aspen ken Fern lberry/Cranberry d Pine d Maple d Oak	Density Trace Trace Trace Low Trace Low Trace Low Low Low Low Low Low Low Trace Low Trace Low Trace	Avg. Height < 5 feet	Size Tall Shrub Sapling Sapling Tall Shrub Sapling Non-Wood Tall Shrub Sapling Sapling Sapling Sapling Tall Shrub	red maple, serviceberry, and aspen dominated, but setback by rollerchopper. Significant changes will occur in the next inventory cycle Much higher sweet fern in northwest on old landing. Trace red maple, white pine in canopy. Subcanopy bigtooth are in the large sapling, small pole class, mingling with the canopy. Rare maple leaved viburnum, hazelnut (in northwest only) white pine, red pine, blac cherry in subcanopy.
	4310 - Pir Canopy Species	ne, Oak Mi % Cove r	ix Saw r Size Class	timber f	<i>N</i> ediu Age	Sub-Can Swe Bals Whi Servicebern Bigtoo Brack Blueberry/Bil Red Red Red Red Red Serviceber	opy Species eet Fern sam Fir ite Pine ry (Juneberry) oth Aspen ken Fern berry/Cranberry d Pine d Maple d Oak 87 opy Species	Density Trace Trace Trace Low Trace Low Low Low Low Low Low Low Low Trace Low Trace Low Density	Avg. Height < 5 feet	Size Tall Shrub Sapling Sapling Tall Shrub Sapling Non-Wood Tall Shrub Sapling Sapling Sapling Sapling Tall Shrub	red maple, serviceberry, and aspen dominated, but setback by rollerchopper. Significant changes will occur in the next inventory cycle Much higher sweet fern in northwest on old landing. Trace red maple, white pine in canopy. Subcanopy bigtooth are in the large sapling, small pole class, mingling with the canopy. Rare maple leaved viburnum, hazelnut (in northwest only) white pine, red pine, blac cherry in subcanopy. Subcanopy varies between islands, as does canopy composition
	4310 - Pir Canopy Species Red Maple	ne, Oak Mi % Cover 1	ix Saw r Size Class Pole/Sapling	timber f DBH 6	<i>N</i> ediu Age	Sub-Can Swe Bals Whi Servicebern Bigtoo Brack Blueberry/Bil Red Red Red Red Servicebern Blueberry/Bil	opy Species eet Fern sam Fir ite Pine rry (Juneberry) oth Aspen ken Fern iberry/Cranberry d Pine d Maple d Oak 87 ropy Species ry (Juneberry)	Density Trace Trace Trace Low Trace Low Low Low Low Low Low Low Low Trace Low Trace Low Density	Avg. Height < 5 feet < 5 feet < 5 feet < 5 feet Unspecified < 5 feet < 5 feet < 5 feet < 5 feet < 5 feet < 5 feet Variable	Size Tall Shrub Sapling Sapling Tall Shrub Sapling Non-Wood Tall Shrub Sapling Sapling Sapling Sapling Tall Shrub	Trace red maple, white pine in canopy. Subcanopy bigtooth are in the large sapling, small pole class, mingling with the canopy. Rare maple leaved viburnum, hazelnut (in northwest only) white pine, red pine, blac cherry in subcanopy.
	4310 - Pir Canopy Species Red Maple Bigtooth Aspen	ne, Oak Mi % Cover 1 10	ix Saw Size Class Pole/Sapling Sapling/Pole	timber M DBH 6 4	<i>N</i> ediu Age	Sub-Can Swe Bals Whi Serviceber Bigtoo Brack Blueberry/Bil Red Red Red Red Serviceber Blueberry/Bil Brack	opy Species eet Fern sam Fir ite Pine ry (Juneberry) oth Aspen ken Fern lberry/Cranberry d Pine d Maple d Oak 87 opy Species ry (Juneberry) lberry/Cranberry	Density Trace Trace Trace Low Low	Avg. Height < 5 feet	Size Tall Shrub Sapling Sapling Tall Shrub Sapling Non-Wood Tall Shrub Sapling Sapling Sapling Sapling Tall Shrub Tall Shrub Tall Shrub	Trace red maple, white pine in canopy. Subcanopy bigtooth are in the large sapling, small pole class, mingling with the canopy. Rare maple leaved viburnum, hazelnut (in northwest only) white pine, red pine, blac cherry in subcanopy.
	4310 - Pir Canopy Species Red Maple Bigtooth Aspen Red Oak	ne, Oak Mi % Cover 1 10 40	ix Saw Size Class Pole/Sapling Sapling/Pole Log/Pole/XLog	timber I DBH 6 4 13	Age 25	Sub-Can Swe Bals Whi Serviceber Bigtoo Brack Blueberry/Bil Red Red Red Red Serviceber Blueberry/Bil Blueberry/Bil Brack Blas	opy Species eet Fern sam Fir te Pine ry (Juneberry) oth Aspen ken Fern lberry/Cranberry d Pine d Maple d Oak 87 opy Species ry (Juneberry) lberry/Cranberry ken Fern	Density Trace Trace Trace Low	Avg. Height < 5 feet	Size Tall Shrub Sapling Sapling Tall Shrub Sapling Non-Wood Sapling Sapling Sapling Sapling Sapling Tall Shrub Tall Shrub Tall Shrub Non-Wood	Trace red maple, white pine in canopy. Subcanopy bigtooth are in the large sapling, small pole class, mingling with the canopy. Rare maple leaved viburnum, hazelnut (in northwest only) white pine, red pine, blac cherry in subcanopy.
	4310 - Pir Canopy Species Red Maple Bigtooth Aspen Red Oak	ne, Oak Mi % Cover 1 10 40	ix Saw Size Class Pole/Sapling Sapling/Pole Log/Pole/XLog	timber I DBH 6 4 13	Age 25	Sub-Can Swe Bals Whi Serviceberr Bigtoo Brack Blueberry/Bil Red Red M 14.1 Sub-Can Serviceberr Blueberry/Bil Brack Bals Red	opy Species eet Fern sam Fir te Pine ry (Juneberry) oth Aspen ken Fern lberry/Cranberry d Pine d Maple d Oak 87 opy Species ry (Juneberry) lberry/Cranberry ken Fern sam Fir	Density Trace Trace Trace Low Comparison Low Low Low Low Low Trace	Avg. Height < 5 feet < 5 feet < 5 feet < 5 feet Unspecified < 5 feet < 5 feet < 5 feet < 5 feet N/A Avg. Height Variable < 5 feet Unspecified	Size Tall Shrub Sapling Sapling Tall Shrub Sapling Non-Wood Sapling Sapling Sapling Sapling Tall Shrub Tall Shrub Tall Shrub Non-Wood Sapling Sapling	Trace red maple, white pine in canopy. Subcanopy bigtooth are in the large sapling, small pole class, mingling with the canopy. Rare maple leaved viburnum, hazelnut (in northwest only) white pine, red pine, blac cherry in subcanopy.
	4310 - Pir Canopy Species Red Maple Bigtooth Aspen Red Oak	ne, Oak Mi % Cover 1 10 40	ix Saw Size Class Pole/Sapling Sapling/Pole Log/Pole/XLog	timber I DBH 6 4 13	Age 25	Sub-Can Swe Bals Whi Serviceber Bigtoo Brack Blueberry/Bil Red Red Serviceber Blueberry/Bil Brack Blueberry/Bil Brack Bals Red Bals	opy Species eet Fern sam Fir ite Pine ry (Juneberry) oth Aspen ken Fern berry/Cranberry d Pine d Maple d Oak 87 ry (Juneberry) berry/Cranberry berry/Cranberry ken Fern sam Fir d Maple	Density Trace Trace Trace Low Low Low Low Trace High	Avg. Height < 5 feet < 5 feet < 5 feet < 5 feet Unspecified < 5 feet < 5 feet < 5 feet < 5 feet < 5 feet N/A Avg. Height Variable < 5 feet Unspecified Variable	Size Tall Shrub Sapling Sapling Tall Shrub Sapling Non-Wood Sapling Sapling Sapling Sapling Tall Shrub Tall Shrub Tall Shrub Sapling Sapling Sapling Sapling Sapling Sapling Sapling	Trace red maple, white pine in canopy. Subcanopy bigtooth are in the large sapling, small pole class, mingling with the canopy. Rare maple leaved viburnum, hazelnut (in northwest only) white pine, red pine, blac cherry in subcanopy.

Report 7 – Stands



Stand	Level 4 Cover Type			Size Density			Stand Age B	A Range	Managed Site		General Comments
72	42110 - Planted Red Pine		ine Sav	Sawtimber Mediur		m 2.9	87	1-50	N/A		Rare black cherry, red pine, balsam fir in subcanopy. A lot of oak, red
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	maple stagnated in the 10-20' range, outcompeted by bigtooth aspen. More successful red maple makes the midcanopy under denser red pine
	Red Pine	95	Log/XLog	17	87	Re	d Maple	Medium	>20 feet	Sapling	with less aspen. Trace red pine saps on south edge.
	Red Oak	5	Log/XLog/Pole	12		E	3eech	Trace	Variable	Sapling	
						R	ed Oak	Medium	Variable	Sapling	
						Servicebe	rry (Juneberry)	Low	Variable	Sapling	
						Maple Lea	aved Viburnum	Trace	< 5 feet	Tall Shrub	- 2
					E	Blueberry/B	ilberry/Cranber	ry Low	< 5 feet	Tall Shrub	
						Bigto	oth Aspen	High	>20 feet	Sapling	
						Bracken Fern		Low	Unspecified	Non-Wood	
73	42110 - Planted Red Pine			Sawtimber Well				81-110	N/A		Rare sweet fern, hawthorn in subcanopy. Scattered jack pine snags. Less beech and white pine in east half than west. Rare raspberry in ski
	Canopy Species		Size Class		Age		nopy Species	Density	Avg. Height	Size	trail. One hemlock sapling in the southwest (of west portion).
	Red Pine	98	Log/Pole	12	89 E	,	ilberry/Cranber	,	< 5 feet	Tall Shrub	
Bla	ck/Red (Hybrid) Oak	2	Log/Pole/XLog	12			rry (Juneberry)		< 5 feet	Tall Shrub	
							nite Pine	Low	Variable	Sapling	
							ed Pine	Trace	>20 feet	Sapling	-
							d Maple	Medium	Variable	Sapling	
							lsam Fir	Trace	Variable	Sapling	
						0	oth Aspen	Trace	Variable	Sapling	
							aved Viburnum	Trace	< 5 feet	Tall Shrub	
						Brac	ken Fern	Low	Unspecified	Non-Wood	
						E	3eech	Medium	Variable	Sapling	
74	4310 - Pine, Oak Mix Sa		awtimber Wel		0.7	87	87 81-110			Trace white pine and jack pine in canopy. Heavy browsing on red map	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	subcanopy. Stand is long term retention for parent stand 13.
	Red Maple	5	Pole/Log	8		E	Beech	Trace	5 - 10 feet	Sapling	
Bla	ck/Red (Hybrid) Oak	40	XLog/Log	18		Wh	nite Pine	Medium	Variable	Sapling	
	Red Pine	55	Log/Pole	10	87	Re	ed Pine	Trace	< 5 feet	Sapling	
						Ba	lsam Fir	Low	Variable	Sapling	
						Re	d Maple	Low	< 5 feet	Sapling	
						Black/Rev	d (Hybrid) Oak	Low	Variable	Sapling	1

Report 7 – Stands



S DNE

tand	d Level 4 Co	over Type	S	Size De	nsity	Acres	Stand Age	BA Range	Managed S	Site	General Comments
75	4139 - Aspen, Mixed Deciduous			Sapling Medium		1.7	5	Immature	N/A		Rare cherry in canopy. Heavy browsing. West central portion of stand is
	Canopy Species % Cove		Size Class	DBH	Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size	a little bit more open. East edge only appears trenched (and maybe planted) but overtaken by bigtooth and red maple. Unable to judge
	Red Maple	40	Sapling	1		White Pine	Trace	< 5 feet	Sapling	presence of planted red pine under snow (if present).	
	Red Oak	5	Sapling	1		Brac	ken Fern	Medium	Unspecified	Non-Wood	
	Bigtooth Aspen	55	Sapling	1	5	Re	ed Pine	Low	< 5 feet	Sapling	
						Re	d Maple	Low	< 5 feet	Sapling	
						Blackbe	rry/Raspberry	Medium	< 5 feet	Tall Shrub	
						Maple Lea	aved Viburnui	m Trace	< 5 feet	Tall Shrub	
						Sw	eet Fern	Low	< 5 feet	Tall Shrub	
						Wit	ch Hazel	Trace	5 - 10 feet	Tall Shrub	
						Bigto	oth Aspen	Trace	< 5 feet	Sapling	
77	6223 - Inundate	ed Shrub S	wamp	Nonsto	ocked	3.6	0	Unspecified	No		Harvested with parent stand 9, subsequently converted to lowland shruk
					ſ	Sub-Ca	nopy Species	s Density	Avg. Height	Size	with scattered lowland-adapted trees. Hummocky drainage holding wate dominated by michigan holly and alder.
					-	Mich	igan Holly	High	5 - 10 feet	Tall Shrub	
		-	Wil	d Raisin	Trace	5 - 10 feet	Tall Shrub				
					-	Ta	g Alder	Low	10 - 20 feet	Tall Shrub	
					-	Balsam Fir		Low	Variable	Sapling	
		H	Bulrush								
						В	ulrush	Trace	Unspecified	Non-Wood	
					-		ulrush k Spruce	Trace Trace	Unspecified Variable	Non-Wood Sapling	
						Blac			•		
					-	Blac Red Os	k Spruce	Trace	Variable	Sapling	
						Blac Red Os Pap	k Spruce ier Dogwood	Trace Trace	Variable < 5 feet	Sapling Tall Shrub	
78	42110 - Plar	nted Red P	ine S	awtimb	er Well	Blac Red Os Pap Re	k Spruce ier Dogwood oer Birch	Trace Trace Trace	Variable < 5 feet >20 feet	Sapling Tall Shrub Sapling Sapling	Two cohorts of aspen and oak: log and pole/sap. Scattered suppressed
′8	42110 - Plar Canopy Species		ine S Size Class		er Well	Blac Red Os Pap Re 4.4	k Spruce ier Dogwood oer Birch d Maple	Trace Trace Trace Low	Variable < 5 feet >20 feet Variable	Sapling Tall Shrub Sapling Sapling	Two cohorts of aspen and oak: log and pole/sap. Scattered suppressed red pine poles. One white pine on south edge, two on northwest tip.
′8		% Cover		DBH	Age	Blac Red Os Pap Re 4.4 Sub-Ca	k Spruce ier Dogwood ber Birch d Maple 84	Trace Trace Trace Low	Variable < 5 feet >20 feet Variable N/A	Sapling Tall Shrub Sapling Sapling	Two cohorts of aspen and oak: log and pole/sap. Scattered suppressed
	Canopy Species	% Cover	Size Class	DBH	Age	Blac Red Os Pap Re 4.4 Sub-Cal Re	k Spruce ier Dogwood ber Birch d Maple 84 nopy Species	Trace Trace Trace Low 111-140 S Density	Variable < 5 feet >20 feet Variable N/A Avg. Height	Sapling Tall Shrub Sapling Sapling Size	Two cohorts of aspen and oak: log and pole/sap. Scattered suppressed red pine poles. One white pine on south edge, two on northwest tip. Bigtooth is starting to mingle with canopy in more open areas. More beech present in north half than south. Trace relic red pine in the north.
	Canopy Species Red Oak	% Cover 5	Size Class Log/Pole/XLog	DBH 14	Age	Blac Red Os Pap Re 4.4 Sub-Can Re Hazelnu	k Spruce ier Dogwood ber Birch d Maple 84 nopy Species d Maple	Trace Trace Trace Low 111-140 Density Medium	Variable < 5 feet >20 feet Variable N/A Avg. Height Variable	Sapling Tall Shrub Sapling Sapling Size Sapling	Two cohorts of aspen and oak: log and pole/sap. Scattered suppressed red pine poles. One white pine on south edge, two on northwest tip. Bigtooth is starting to mingle with canopy in more open areas. More beech present in north half than south. Trace relic red pine in the north.
	Canopy Species Red Oak Bigtooth Aspen	% Cover 5 5	Size Class Log/Pole/XLog Log/Pole	DBH 14 10	Age	Blac Red Os Pap Re 4.4 Sub-Can Re Hazelnu	k Spruce ier Dogwood ber Birch d Maple 84 nopy Species d Maple it (American)	Trace Trace Trace Low TIT-140 Density Medium Trace Medium	Variable < 5 feet >20 feet Variable N/A Avg. Height Variable 5 - 10 feet	Sapling Tall Shrub Sapling Sapling Sapling Sapling Tall Shrub	Two cohorts of aspen and oak: log and pole/sap. Scattered suppressed red pine poles. One white pine on south edge, two on northwest tip. Bigtooth is starting to mingle with canopy in more open areas. More beech present in north half than south. Trace relic red pine in the north.
78	Canopy Species Red Oak Bigtooth Aspen Red Maple	% Cover 5 5 2	Size Class Log/Pole/XLog Log/Pole Pole/Log	DBH 14 10 8	Age 101	Blac Red Os Pap Re 4.4 Sub-Ca Re Hazelnu Re Servicebe	k Spruce ier Dogwood ber Birch d Maple 84 nopy Species d Maple it (American) ed Oak	Trace Trace Trace Low TIT-140 Density Medium Trace Medium	Variable < 5 feet >20 feet Variable N/A Avg. Height Variable 5 - 10 feet Variable	Sapling Tall Shrub Sapling Sapling Size Sapling Tall Shrub Sapling	Two cohorts of aspen and oak: log and pole/sap. Scattered suppressed red pine poles. One white pine on south edge, two on northwest tip. Bigtooth is starting to mingle with canopy in more open areas. More beech present in north half than south. Trace relic red pine in the north.
	Canopy Species Red Oak Bigtooth Aspen Red Maple	% Cover 5 5 2	Size Class Log/Pole/XLog Log/Pole Pole/Log	DBH 14 10 8	Age 101	Blac Red Os Pap Re 4.4 Sub-Ca Re Hazelnu Re Servicebee Re	k Spruce ier Dogwood ber Birch d Maple 84 nopy Species d Maple it (American) ed Oak rry (Juneberr	Trace Trace Low 111-140 S Density Medium Trace Medium y) Low	Variable < 5 feet >20 feet Variable N/A Avg. Height Variable 5 - 10 feet Variable Variable	Sapling Tall Shrub Sapling Sapling Sapling Tall Shrub Sapling Tall Shrub	Two cohorts of aspen and oak: log and pole/sap. Scattered suppressed red pine poles. One white pine on south edge, two on northwest tip. Bigtooth is starting to mingle with canopy in more open areas. More beech present in north half than south. Trace relic red pine in the north.
	Canopy Species Red Oak Bigtooth Aspen Red Maple	% Cover 5 5 2	Size Class Log/Pole/XLog Log/Pole Pole/Log	DBH 14 10 8	Age 101	Blac Red Os Pap Re 4.4 Sub-Cal Re Hazelnu Re Servicebes Re Brac	k Spruce ier Dogwood ber Birch d Maple 84 nopy Species d Maple it (American) ed Oak rry (Juneberr ed Pine	Trace Trace Low T11-140 Trace Medium Trace Medium y) Low Trace	Variable < 5 feet >20 feet Variable N/A Avg. Height Variable 5 - 10 feet Variable Variable >20 feet	Sapling Tall Shrub Sapling Sapling Size Sapling Tall Shrub Sapling Tall Shrub Pole	Two cohorts of aspen and oak: log and pole/sap. Scattered suppressed red pine poles. One white pine on south edge, two on northwest tip. Bigtooth is starting to mingle with canopy in more open areas. More beech present in north half than south. Trace relic red pine in the north.
	Canopy Species Red Oak Bigtooth Aspen Red Maple	% Cover 5 5 2	Size Class Log/Pole/XLog Log/Pole Pole/Log	DBH 14 10 8	Age 101	Blac Red Os Pap Re 4.4 Sub-Can Re Hazelnu Re Servicebe Ra Servicebe Ra Brac Bigto	k Spruce ier Dogwood ber Birch d Maple 84 nopy Species d Maple it (American) ed Oak rry (Juneberr ed Pine cken Fern	Trace Trace Low TIII-140 TOP Medium Trace Medium y) Low Trace Trace	Variable < 5 feet >20 feet Variable N/A Avg. Height Variable 5 - 10 feet Variable Variable >20 feet Unspecified	Sapling Tall Shrub Sapling Sapling Sapling Tall Shrub Sapling Tall Shrub Pole Non-Wood	Two cohorts of aspen and oak: log and pole/sap. Scattered suppressed red pine poles. One white pine on south edge, two on northwest tip. Bigtooth is starting to mingle with canopy in more open areas. More beech present in north half than south. Trace relic red pine in the north.
	Canopy Species Red Oak Bigtooth Aspen Red Maple	% Cover 5 5 2	Size Class Log/Pole/XLog Log/Pole Pole/Log	DBH 14 10 8	Age 101	Blac Red Os Pap Re 4.4 Sub-Can Re Hazelnu Ri Servicebe Re Brac Bigto	k Spruce ier Dogwood ber Birch d Maple 84 nopy Species d Maple it (American) ed Oak rry (Juneberr ed Pine sken Fern oth Aspen	Trace Trace Low TII-140 Density Medium Trace Medium y) Low Trace Trace Medium	Variable < 5 feet >20 feet Variable N/A Avg. Height Variable 5 - 10 feet Variable Variable >20 feet Unspecified >20 feet	Sapling Tall Shrub Sapling Sapling Sapling Tall Shrub Sapling Tall Shrub Pole Non-Wood Sapling	Two cohorts of aspen and oak: log and pole/sap. Scattered suppressed red pine poles. One white pine on south edge, two on northwest tip. Bigtooth is starting to mingle with canopy in more open areas. More beech present in north half than south. Trace relic red pine in the north.

Report 7 – Stands



E DNR

Stand	Level 4 C	over Type	s Si	ize Density	Acres Stand Age E	BA Range	Managed	Site	General Comments
79	3102	- Grass	1	Nonstocked	3.6 L	Inspecified	No		Leased from 1962-1972 as a dump for Grant Township. Concern over
					Sub-Canopy Species	Density	Avg. Height	Size	invasive species. Rare mullein and little blue stem observed in winter. Knotweed (listed as
					Willow spp.	Low	>20 feet	Pole	Polygonum spp since Fallopia japonica isn't in the species list) isn't a
					Red Oak	Low	>20 feet	Log	huge threat considering its distant proximity to water and that this is a
					Staghorn Sumac	Trace	5 - 10 feet	Tall Shrub	lesser travelled area, but it should still be removed. Multiple size classes present. Size classes listed are most prominent for
					Balsam Fir	Trace	>20 feet	Pole	that species.
					Red Maple	Trace	>20 feet	Pole	Udipsamments soil classification = dune or old beach stabilized by
					Ironwood	Trace	>20 feet	Sapling	vegetation.
					Paper Birch	Trace	>20 feet	Log	
					Blackberry/Raspberry	Low	< 5 feet	Tall Shrub	
					Red Pine	Trace	Variable	Sapling	
					Black Cherry	Low	>20 feet	Pole	
					Quaking Aspen	Trace	>20 feet	Sapling	
					Smartweed	Low	Unspecified	Non-Wood	
					Bigtooth Aspen	Low	>20 feet	Log	
					Sweet Fern	High	< 5 feet	Tall Shrub	
					Grape Vine	Low	Unspecified	Vine	
					White Pine	Low	Variable	Sapling	
					Boxelder	Boxelder Trace 10 - 20 feet Pole			
					Spotted Knapweed Medium Unspecified Non-Wood				
					Serviceberry (Juneberry) Trace	5 - 10 feet	Tall Shrub	
					Elderberry	Trace	5 - 10 feet	Tall Shrub	
					Pin Cherry	Trace	>20 feet	Pole	1
					Honeysuckle (spp.)	Honeysuckle (spp.) Medium 5 - 10 feet Tall Shrub			
80	42290 - Nat	ural Mixed	Pine Po	letimber Wel	6.3 36	51-80	N/A		Scattered residual Xlog/log oak (accounts for 2% total) in canopy. Deer
(Canopy Species	% Cove	r Size Class	DBH Age	Sub-Canopy Species	Density	Avg. Height	Size	beds under Xlog oak in north. Rare balsam fir in subcanopy.
	White Pine	5	Pole/Log/Sap	8	Juniper	Trace	< 5 feet	Tall Shrub	
	Jack Pine	28	Pole/Sapling	7	White Pine	Trace	Variable	Sapling	
	Red Maple	2	Sapling/Pole	4	Red Maple	Trace	Variable	Sapling	
	Red Oak	5	Pole/Sap/Log	8	Sweet Fern	Trace	< 5 feet	Tall Shrub	

Trace

Variable

Red Pine

Bigtooth Aspen

55

5

Pole/Sap/Log

Pole/Sapling

36

6

6 36

Red Pine

Sapling



											Year of Entry: 2024
Stand	Level 4 Co	s	ensity	Acres	Stand Age	BA Range	Managed S	Site	General Comments		
81	4130	Poletimb		oer Wel	6.7	47	51-80 N/A		South acreage becomes damp, seasonally holding surface water; sapling		
C	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	Canopy Species Density	5 Density	y Avg. Height	Size	dominated by quaking aspen, red maple, balsam fir, ash, and birch. Trace paper birch, hemlock in canopy. Rare oak, trailing arbutus, and
	Red Maple	ted Maple 15 Sapling/Pole 4		Red Maple		Low	Variable	Sapling	beech in subcanopy. Hemlock in subcanopy in north. Trace willow, elm,		
	Red Oak	15	Pole/Log/Sap	8		W	White Pine		Variable	Sapling	bam in south wetter ground.
В	ligtooth Aspen	61	Pole/Sapling	6	47	F	lemlock	Trace	Variable	Sapling	
	White Pine	5	Log/Pole	10		Blueberry/E	Bilberry/Cranbe	erry Medium	< 5 feet	Tall Shrub	9
	Red Pine	1	Log/Pole	12		Bra	cken Fern	Low	Unspecified	Non-Wood	ł
Q	uaking Aspen	1	Sapling/Pole	4		Wh	ite Spruce	Trace	Variable	Sapling	
	Balsam Fir	2	Pole/Sapling	6		R	ed Pine	Trace	< 5 feet	Sapling	
						Wi	ntergreen	Medium	< 5 feet	Tall Shrub	0
						Ba	alsam Fir	High	Variable	Sapling	
						Pij	osissewa	Trace	< 5 feet	Tall Shrub	o de la companya de la