

# **Compartment Review Presentation**

Atlanta Forest Management Unit Compartment 54034 Entry Year 2024 Acreage: 1,734 County Montmorency Management Area: Rattlesnake Hills

## Stand Examiner: Darrick Coy

### Legal Description:

T31N, R1E, Sections 20, 29, & 32

#### **Identified Planning Goals:**

To provide for the protection, integrated management and responsible use of a healthy, productive, and undiminished forest resource base for the social, recreational, environmental, and economic benefit of the State of Michigan. Harvests prescribed will help to balance the age classes of aspen, increase vigor in oak and other northern hardwood stands through thinning, and be designed to promote more desirable regeneration in difficult to regenerated cover types. Harvest will also sustainably produce various timber products, enhance game and non-game wildlife habitat, and provide for forest-based recreational uses.

#### Soil and topography:

Soils are primarily emmet loamy sands and sandy loams in the hills. Kalkaska loamy sands and rifle peat are located along drainages. The topography of the compartment is primarily rolling to steep terrain in the south half and rolling to level in the north half. The compartment is predominately aspen, oak, sugar maple, mixed northern hardwoods, and lowland conifer cover types. Forest habitat types are primarily dominated by PArVVb, AFO, and unclassified lowland.

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

State ownership is scattered with farmland and residential housing. The N1/2 of NW 1/4 in section 29 was recently acquired. Many gas wells and pipelines have been established throughout the compartment.

#### **Unique Natural Features:**

Potential occurrences of Blandings Turtle. Other undocumented rare and endangered species may be present. Contact Michigan Natural Features Inventory for more information or reporting.

#### Archeological, Historical, and Cultural Features:

No known sites exist. Contact the State Historical Preservation Office for more information or reporting of new sites.

#### **Special Management Designations or Considerations:**

Eastern Massassauga Managed Land HCVA and Green Swamp- Rich Conifer Swamp Ecological Reference Area and Natural Community

#### Watershed and Fisheries Considerations:

The headwaters of the East Branch of the Black river in section 29.

#### Wildlife Habitat Considerations:

# Mineral Resource and Development Concerns and/or Restrictions

The nearest active sand/gravel pit is nearly four miles southeast of the compartment. There appears to be good sand & gravel potential in the compartment, but any surface mining would need to avoid oil & gas infrastructure. This area has been developed for and is producing gas from the Antrim Shale. All State-owned mineral rights are currently leased and held by production. Due to the persistent low price of natural gas, there is unlikely to be any additional Antrim development in the compartment in the near future. There has been some Silurian reef oil production just southwest of the compartment, and there may be potential for additional reef discoveries beneath the compartment as well as potential future gas storage. The Central Charlton 1 gas storage field is one mile to the southwest. There is no known metallic mineral potential in this part of the state. The State does not own all the mineral rights within the compartment. Because the mineral estate is the dominant estate, reasonable access to the surface must be provided to private owners if they choose to explore or develop their mineral rights.

# Vehicle Access:

Access to the compartment is good in the north half of the compartment with flatter terrain and much poorer to the south in

steep terrain. Some access two-tracks will need to be reshaped as logging activities begin and progress. Illegal trails created will need to be identified and blocked off as they are found. No trash was found within the compartment.

View the status of state forest roads open to conventional motorized use within the compartment online using the Michigan DNR interactive roads maps or download printable maps for free.

#### **Survey Needs:**

A survey is needed for the isolated 40 acre parcel surrounded by state land in section 20.

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

Designated elk viewing area in NW 1/4 of section 20. Morel mushroom hunting is very popular in the northern hardwood stands. Deer hunting and grouse hunting occurs throughout the compartment.

No designated trails exist. However, significant recreational use of state forest roads exists. View the status of state forest roads open to motorized and non-motorized recreational use within the compartment online using the Michigan DNR interactive roads maps or download printable maps for free.

#### **Fire Protection:**

Atlanta DNR, Tri-Township, and Vienna VFDs conduct fire suppression efforts in the area.

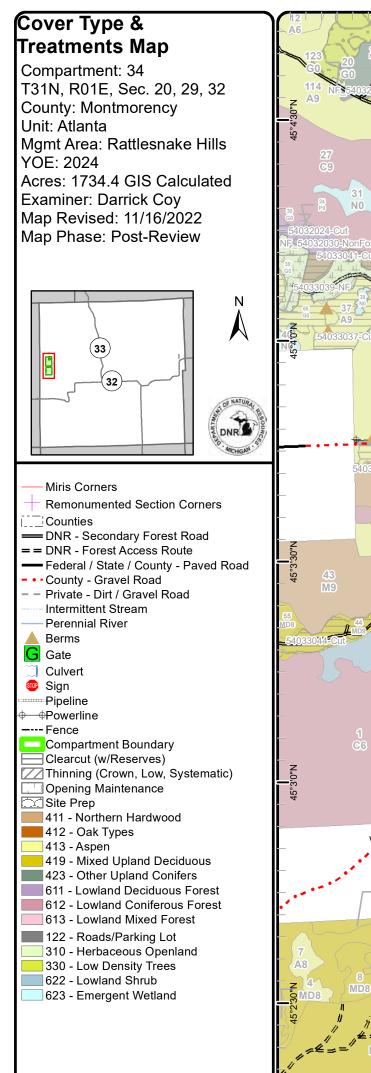
#### **Additional Compartment Information:**

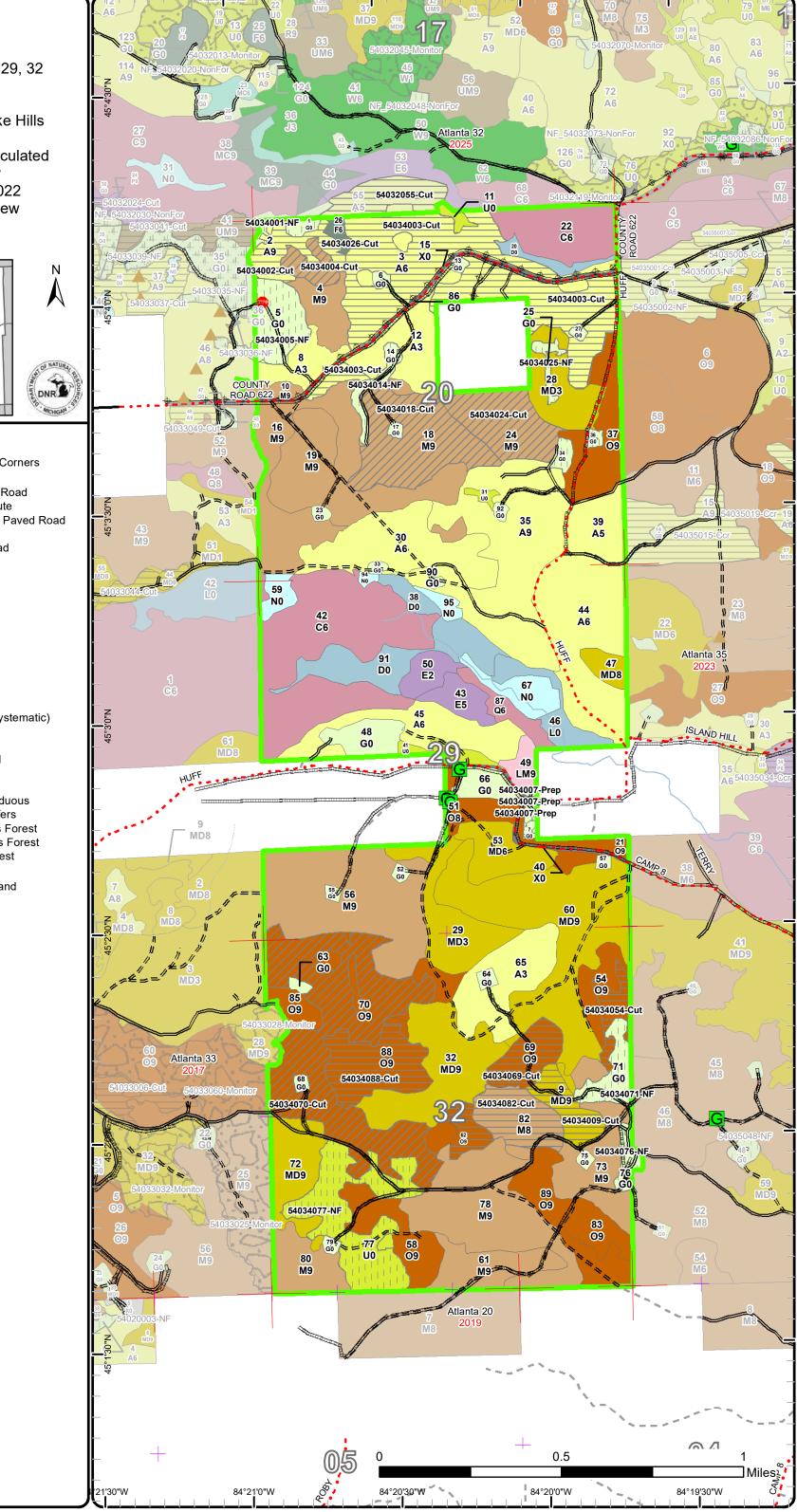
## The following reports from the Inventory are attached: Total Acres by Cover Type and Age Class

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

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

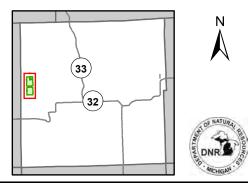
Details on the road access system



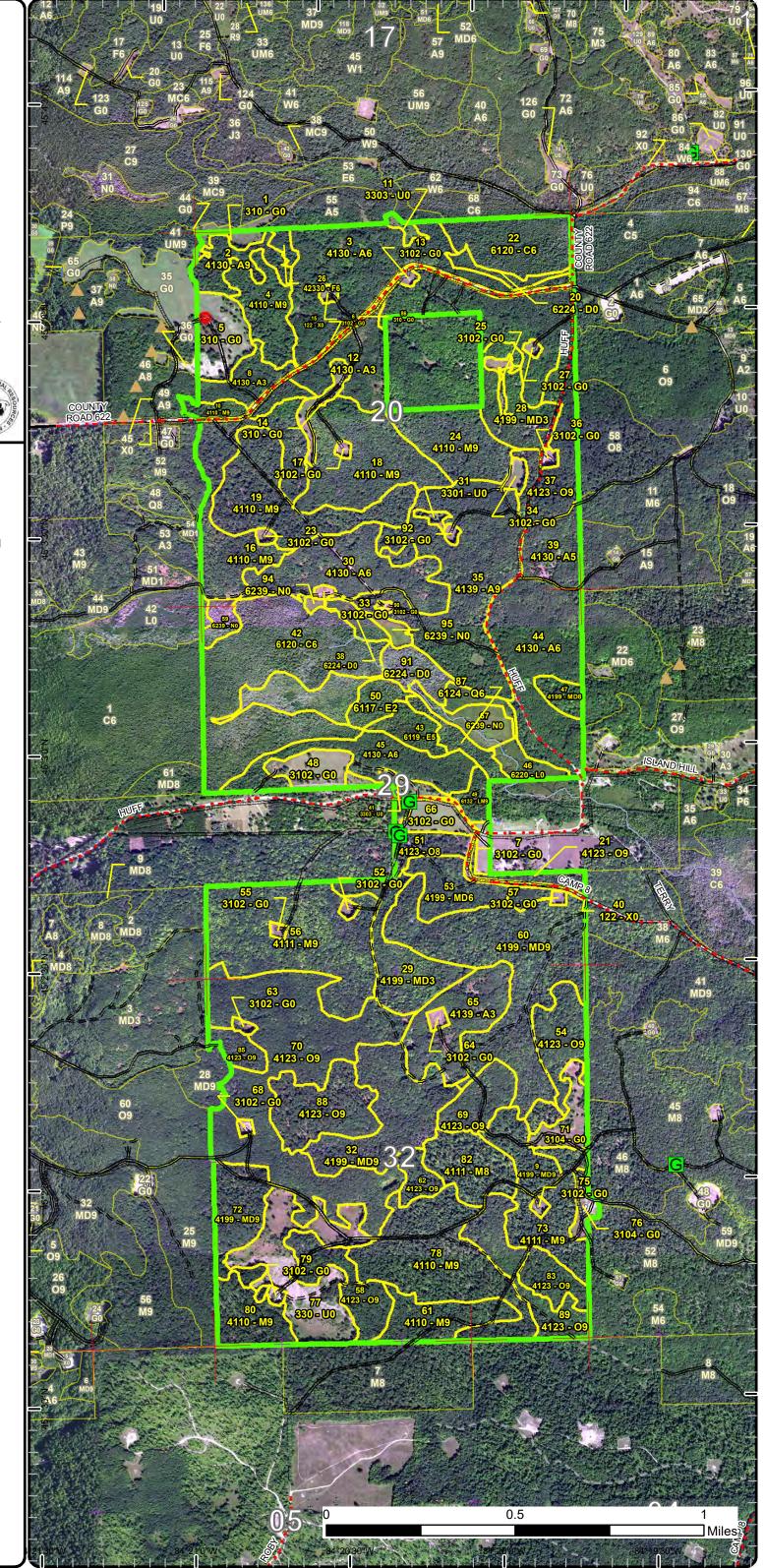


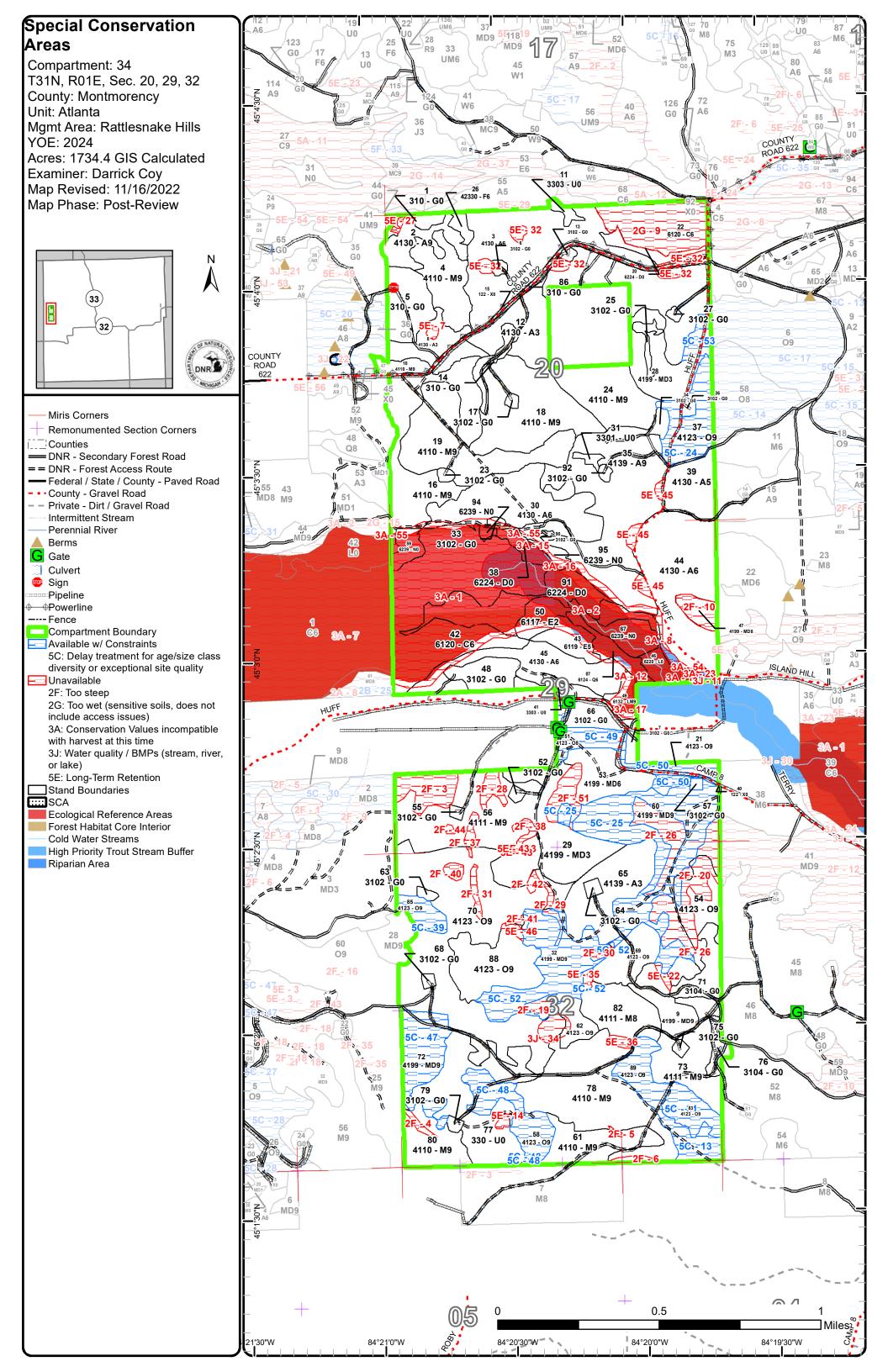
# Stand Boundary Map

Compartment: 34 T31N, R01E, Sec. 20, 29, 32 County: Montmorency Unit: Atlanta Mgmt Area: Rattlesnake Hills YOE: 2024 Acres: 1734.4 GIS Calculated Examiner: Darrick Coy Map Revised: 11/16/2022 Map Phase: Post-Review



Miris Corners **Remonumented Section Corners** Counties = = DNR - Forest Access Route Federal / State / County - Paved Road - • • County - Gravel Road Private - Dirt / Gravel Road
 Intermittent Stream Perennial River Berms G Gate Culvert  $\square$ 💿 Sign Pipeline . ⊕ ⊕Powerline ---- Fence Compartment Boundary Stand Boundaries 411 - Northern Hardwood 412 - Oak Types 413 - Aspen 419 - Mixed Upland Deciduous 423 - Other Upland Conifers 611 - Lowland Deciduous Forest 612 - Lowland Coniferous Forest 613 - Lowland Mixed Forest 122 - Roads/Parking Lot 310 - Herbaceous Openland 330 - Low Density Trees 622 - Lowland Shrub 623 - Emergent Wetland





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

Atlanta Mgt. Unit

### Darrick Coy : Examiner

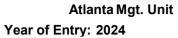
Compartment 34 Year of Entry 2024



Age Class

	NO	KOS C	83 / 4			3		3	\$ }	R &	8 85 B	8 J.	120 100	<i>6</i> 2, 43	87. 5	67.1 VI	00-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	JT JTON	A AND LOS
Aspen	0	12	0	53	59	197	82	0	14	0	0	0	0	0	0	0	0	0	417
Cedar	0	0	0	0	0	0	0	0	0	0	0	88	0	28	0	0	0	0	116
Herbaceous Openland	92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	92
Low-Density Trees	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	54
Lowland Conifers	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	8
Lowland Deciduous	0	0	0	0	0	18	0	0	0	0	0	0	0	0	0	0	0	0	18
Lowland Mixed Forest	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	6
Lowland Shrub	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
Marsh	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21
Mixed Upland Deciduous	0	0	0	0	49	18	0	0	0	0	129	43	0	0	0	0	0	0	238
Northern Hardwood	0	0	0	0	0	0	0	0	0	189	149	20	52	0	0	0	0	0	409
Oak	0	0	0	0	0	0	0	0	0	0	75	214	0	0	0	0	0	0	289
Treed Bog	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	38
Upland Spruce/Fir	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3
Urban	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
Total	230	12	0	53	108	233	85	0	14	197	353	365	58	28	0	0	0	0	1733

Acres of Harvest



#### Compartment 34 Total Compartment Acres: 1,734

Commercial Harvest - 384 Harvests with Site Condition - 0 Next Step Harvest - 0 Habitat Cut - 0

#### Cover Type by Harvest Method

				CO CO CO	Tool of the second	and the second	AD AD A	Our Contraction	Reputer C	and the second s	Sto 1.50	A. A
Aspen		115	0	0	0	0	0	0	0	0	115	
Mixed Upland Deciduous		13	0	0	0	0	0	0	0	0	13	
Northern Hardwood		20	0	0	0	0	79	0	0	0	99	
Oak		58	0	0	0	0	96	0	0	0	154	
Upland Spruce/Fir		3	0	0	0	0	0	0	0	0	3	
	Total	210	0	0	0	0	175	0	0	0	384	

#### Proposed and Next Step Treatments by Method

		/.	AND NO.	00 00 00	O CON	O O	in Contraction	NA COLOR	Sidio	OSCO NO	\$ / \$	Se de la companya de
Current		384	2	0	0	0	0	0	0	94	481	
Next Step		0	166	85	0	43	166	298	0	0	758	
	Total	384	168	85	0	43	166	298	0	94	1238	

S t		Atlant	a Mgt. Unit		Repo	rt3 1	Freatments		Compartmen Year of Entr		DNR
a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habit
pose	ed Treatmen	<u>ts:</u>									
55	54032055-Cut	16.8	4134 - Aspen, Spruce/Fir	Poletimbe Medium	r 42	Unspec ified	Harvest	Clearcut with Retention	4130 - Aspen	Even-Aged	No
<u>Spec</u>	-leave -includ	all white p e grouse ti	imber sale specific	cumulative ation				to mark, only a trac	ce amount presen	it)	
	<u>t Step</u> Monito <u>itments:</u>	ring, Natu	ral Regen (Re-Inve	ntory)							
<u>Acce</u> Rege		, maple, o	ak, pine, and fir of	medium to I	nigh sto	cking					
<u>Othe</u> Com	er iment:										
<u>Site</u>	Condition										
Prop	osed Start Date	<u>:</u> 10/1 /20	)23								

### **Approved Treatments:**

1	54034001-NF	3.8	310 - Herbaceous Openland	Nonstocked	Unspec ified	NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland	No
Prese Spec				ongoing rotatio	nal basis to pr	oduce wildlife fo	rage through burnin	g, mowing, plant	ing, herbicide, or other
	<u>Step</u> ments:								
<u>Acce</u> <u>Rege</u>	<u>ptable_</u> n:								
<u>Othe</u> <u>Com</u>	<u>r</u> ment:								
Site (	<u>Condition</u>								
Prop	osed Start Date:	10/1 /20	23						
2	54034002-Cut	13.3	4130 - Aspen	Sawtimber Well	74 81-110	Harvest	Clearcut with Retention	4130 - Aspen	Even-Aged No
Prese Spec				dy excluded (s	see site condit	ions layer)-leave	e all white pine, if an	y are present-inc	clude grouse timber
<u>Next</u> <u>Treat</u>	<u>Step</u> Monitorin <u>ments:</u>	ıg, Natur	al Regen (Re-Invei	ntory)					
<u>Acce</u> <u>Rege</u>		naple, oa	ak, pine, and fir of ı	medium to higl	h stocking				
<u>Othe</u> <u>Com</u>	-								
Site (	<u>Condition</u>								
Prop	osed Start Date:	10/1 /20	23						

S t			Atlanta	Mgt. Unit		Repo	rt3 <sup>-</sup>	Treatments		Compartmer Year of Entr	/	DNR DNR
a n d	Treatn Nan		Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
3	540340	03-Cut	101.9	4130 - Aspen	Poletimbe Well	r 47	81-110	Harvest	Clearcut with Retention	4130 - Aspen	Even-Aged	No
<u>Spe</u>	scription ecs: at Step atments:	-3-10% -leave a -include	area reten all white pin e grouse tin	tion already exclue e not to exceed a nber sale specifica I Regen (Re-Inver	ded (see sit cumulative ation				o mark, only a trace	amount preser	it)	
	eptable	-aspen,	, maple, oal	k, pine, and fir of r	medium to I	nigh sto	ocking					
Oth												
-	<u>Conditio</u>		<u>:</u> 10/1 /202	3								
4	540340	04-Cut	7.4 41	10 - Sugar Maple Association	Sawtimbe Well	r 106	81-110	Harvest	Crown Thinning	4110 - Sugar Maple Association	Even-Aged	No
<u>Trea</u> <u>Acc</u> <u>Rec</u> <u>Oth</u> <u>Cor</u> <u>Site</u>	<u>eptable</u> <u>eptable</u> <u>gen:</u> <u>er</u> <u>nment:</u>	-stand -treating <u>n</u>	was thinnec g this area '	l in specs for slop l last YOE, but it s will improve acces	still has area	as that	are overs	tocked				
<u>Pro</u>		art Date: 005-NF	10/1 /202 17.7 3	23 10 - Herbaceous	Nonstocke	ed	Unspec	NonForestMat	Herbaceous/Crop	310 -		No
Pre	scription	Openin	g may be n	Openland naintained on an c	ongoing rota	ational k	ified basis to pr	oduce wildlife fo	/Grass Planting	Herbaceous Openland g, mowing, plan	ting, herbicide.	or other
	ecs: tt Step_ atments:	agricult	ure practice	es.							-	
<u>Acc</u> <u>Rec</u> Oth												
Cor	<u>nment:</u> Conditio	n										
			<u>:</u> 10/1 /202	3								

S t		Atlanta	Mgt. Unit		Repor	t3 T	Freatments		Compartmen Year of Entry		DNR DNR
a n Treatr d Nan		cres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
	4007- ep	2.4	3102 - Grass	Nonstocke	əd		SitePrep	Trenching	42110 - Planted Red Pine	Even-Aged	No
Prescription Specs:	Trench ar	nd plant to	o red pine.								
<u>Next Step</u> <u>Treatments:</u>	Monitoring	g, Artificia	al Regen(1yr); P	lanting, Initi	al Plant	; Monito	ring, Artificial Re	egen(3yr)			
Acceptable Regen:	Fully stoc	ked red p	vine								
<u>Other</u> <u>Comment:</u>	Percent to	o Treat =	100%								
Site Conditio	<u>n</u>										
Proposed St	art Date:	10/1 /202	2								
9 540340	09-Cut		99 - Other Mixeo Ipland Deciduous		er 99	81-110	Harvest	Clearcut with Retention	42111 - Planted Red Pine, Mixed Deciduous	Even-Aged	No
Prescription Specs:	-leave 3-1 -retain add (trees othe	ditional ir er than b w stump	eech, ash, red m s, reducing, and/	nd/or clumps aple, or iron	s of large wood) (	e crowneo consult w	d more desirable	northern hardwoo ntity and spacing du			
<u>Next Step</u> Treatments:			nopping; SitePre - Release; Mon				idder - Site Prep	o; Planting, Initial	Plant; Monitorinç	g, Artificial Re	gen(1yr);
	-fully stoc	ked red p	oine with a minor	component	of north	ern hardv	vood species				
<u>Regen:</u>			bjective and acre errain and difficul					an or greater than :	25% of originally	prescribed ac	reage due
			e is to slowly est ch regeneration	ablish more	desirab	le norther	n hardwood rege	eneration and redu	ce high coverage	of primarily a	sh,
<u>Other</u> Comment:											
Site Conditio	<u>n</u>										
Proposed St	art Date:	10/1 /202	3								
14 54034	014-NF	5.7 3	10 - Herbaceous Openland	Nonstocke	ed	Unspec ified	NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		No
Prescription Specs:	Opening r			ongoing rota	ational b	asis to pr	oduce wildlife fo	rage through burni	·	ting, herbicide	, or other
<u>Next Step</u> Treatments:	agricalian										
Acceptable Regen:											
<u>Other</u> Comment:											
Site Conditio	n										
Proposed St		10/1 /202	3								

S t		Atlanta	Mgt. Unit		Repo	rt 3 <sup>·</sup>	Treatments		Compartmer Year of Entr		DNR DNR
a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Michigan Habita Cut
18	54034018-Cut	44.0 41	10 - Sugar Maple Association	Sawtimbe Well	er 85	111- 140	Harvest	Crown Thinning	4110 - Sugar Maple Association	Even-Aged	No
<u>Spe</u>		mark trees	l BA to cut along side s d in specs for slope				on				
	eptable_										
<u>Oth</u>											
	<u>Condition</u> posed Start Date:	10/1 /202	23								
24	54034024-Cut		10 - Sugar Maple Association	Sawtimbe Well	er 81	111- 140	Harvest	Crown Thinning	4110 - Sugar Maple Association	Even-Aged	No
<u>Spe</u>	scription -thin to cs: -do not -require <u>t Step</u> atments:	mark trees	l BA to cut along side : I in specs for slope	slopes grea es and resid	ater tha dual tre	n 35% e protecti	on				
<u>Acc</u> <u>Reg</u> Oth											
Con	nment:										
	<u>Condition</u> posed Start Date:	10/1 /202	23								
25	54034025-NF	3.0	3102 - Grass	Nonstocke	əd	Unspec ified	NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		No
<u>Pres</u> Spe		g may be n ure practice		ngoing rota	ational t	oasis to pi	roduce wildlife fo	orage through burnir	ıg, mowing, plan	iting, herbicide	, or other
	<u>t Step</u> atments:										
<u>Acc</u> Reg	<u>eptable</u> <u>len:</u>										
<u>Oth</u> Con	<u>er</u> nment:										
	Condition										
<u>Pro</u>	posed Start Date:	10/1 /202	23								

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S t		Atlanta	ı Mgt. Unit	I	Repo	rt 3 T	Freatments		Compartmer Year of Entr		DNR 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	54034026-Cut	2.7 4	42330 - Upland Fir	Poletimbe Well	r 53	111- 140	Harvest	Clearcut	4134 - Aspen, Spruce/Fir	Even-Aged	No
<u>Spe</u>									•		
	<u>t Step</u> Monitor atments:	ing, Natura	al Regen (Re-Inve	ntory)							
Acce Reg Othe	en:	, maple, oa	ak, pine, and fir of l	ow to high s	tocking	g					
	nment:										
	Condition	- 10/1/20/	00								
<u>34</u>	54034034-NF	2.6	3102 - Grass	Nonstocke	d	Unspec ified	NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous		No
	scription Openin	g may be r	maintained on an o	ongoing rota	tional b	pasis to pr	oduce wildlife fo	rage through burnir	Openland ng, mowing, plan	ting, herbicide	, or other
	<u>cs:</u> agricuit <u>t Step</u> atments:	ure practic	es.								
-	eptable										
<u>Othe</u>											
<u>Site</u>	Condition										
<u>Prop</u>	bosed Start Date:	: 10/1 /202	23								
36	54034036-NF	1.4	3102 - Grass	Nonstocke	d	Unspec ified	NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		No
<u>Pres</u> Spe				ongoing rota	tional b	pasis to pr	oduce wildlife fo	rage through burnir	ıg, mowing, plan	tina herbicide	
	0	ure practic	es.								, or other
Nex	<u>t Step</u> atments:	ure practic	es.								, or other
<u>Nex</u> Trea	t <u>Step</u> atments: eptable_	ure practic	es.								, or other
<u>Nex</u> <u>Trea</u> <u>Acce</u> <u>Reg</u>	t <u>Step</u> atments: eptable en:	ure practic	æs.								, or other
<u>Nex</u> <u>Trea</u> <u>Acce</u> <u>Reg</u> <u>Othe</u> <u>Com</u>	t <u>Step</u> atments: eptable en: er	ure practic	æs.								, or other

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S t		Atlanta	Mgt. Unit		Repoi	rt3 ˈ	Treatments		Compartment Year of Entry		DNR
a n Treat d Nai		Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habita Cut
54 54034	054-Cut	8.8	4123 - Red Oak	Sawtimbe Well	er 109	111- 140	Harvest	Clearcut	4199 - Other Mixed Upland Deciduous	Even-Aged	No
Prescription Specs:	-keep s	lopes that a	are too steep (ove to small treatment		of treate	ed area					
<u>Next Step</u> Treatments:		ing, Natura	al Regen (Re-Inver	ntory)							
<u>Acceptable</u> <u>Regen:</u>	-low to I	nigh stocki	ng of any combina	ition of nort	hern ha	rdwood s	pecies				
<u>Other</u> Comment:											
Site Condition	<u>on</u>										
Proposed S	tart Date:	10/1 /202	23								
	062-Cut		4123 - Red Oak	Sawtimbe Well	er 99	51-80	Harvest	Clearcut with Retention	42111 - Planted Red Pine, Mixed Deciduous	Even-Aged	No
Prescription Specs:	-leave 3 -mainta -retain a (trees o -require	-10% in re in at least additional in ther than b	nterior pockets and beech, ash, red ma bs, reducing, and/c	ay from por d/or clumps aple, or iron	id to the s of larg wood) (	e west, ind e crowne consult w	creased from 100 d more desirable	Oft due to slope (al a northern hardwoo ntity and spacing d	od species for rege	neration purpo	oses
<u>Next Step</u> Treatments:			hopping; SitePre - Release; Monit				kidder - Site Prep	o; Planting, Initial	Plant; Monitoring	l, Artificial Reg	en(1yr);
Acceptable Regen:	-fully sto	ocked red p	pine with compone	ents of oak	, ash, b	eech, iror	nwood, aspen, ai	nd maple			
<u>itegen.</u>			bbjective and acreater errain and difficult					an or greater than	25% of originally p	prescribed acre	eage due
			ve is to slowly esta ech regeneration	blish more	desirab	le northe	rn hardwood reg	eneration and redu	ice high coverage	of primarily as	sh,
<u>Other</u> Comment:											
Site Condition	<u>on</u>										
Proposed S	tart Date:	10/1 /202	23								

S t			Atlanta	Mgt. Unit		Repor	t3 <sup>-</sup>	Treatments		Compartment Year of Entry	le le	DNR
a n d	Treatn Nam		Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habita Cut
69	540340	69-Cut	14.9	4123 - Red Oak	Sawtimbe Well	er 109	81-110	Harvest	Clearcut with Retention	42111 - Planted Red Pine, Mixed Deciduous	Even-Aged	No
Presc Specs		-retain a (trees of -require	-10% in re dditional ir her than b	eech, ash, red ma s, reducing, and/c	d/or clumps aple, or iron	s of large wood) (	e crowneo consult w	d more desirable	northern hardwood ntity and spacing du			
<u>Next :</u> Treati				hopping; SitePre - Release; Monit				idder - Site Prep	o; Planting, Initial F	Plant; Monitoring	ı, Artificial Reg	en(1yr);
		-fully sto	ocked red p	pine with minor co	mponents o	of northe	ern hardw	ood species				
<u>Rege</u>	<u>n:</u>			bbjective and acrea errain and difficult					an or greater than 2	25% of originally p	prescribed acre	eage due
				ve is to slowly esta ch regeneration	blish more	desirab	le northei	rn hardwood reg	eneration and redu	ce high coverage	of primarily as	h,
<u>Other</u> <u>Comr</u>	-											
<u>Site (</u>	Conditio	<u>n</u>										
Prope	osed Sta	art Date:	10/1 /202	23								
70	540340	70-Cut	95.7	4123 - Red Oak	Sawtimbe	er 103	111-	Harvest	Crown Thinning	4123 - Red Oak	Even-Aged	No
<u>Acce</u> p <u>Rege</u> i	<u>Step</u> ments: ptable n:		tection-ma ns layer)	intain at least 150	ft distance	away fro	om pond	to SE, increased	I from 100ft due to	slope (already ex	cluded- see si	te
<u>Other</u> Comr	-											
	Conditio											
Propo	osed Sta	art Date:	10/1 /202	23								
71	540340	)71-NF	11.3	3104 - Degraded	Nonstock	ed		NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		No
<u>Pres</u> c			) may be n ire practice		ongoing rota	ational b	asis to pr	oduce wildlife fo	rage through burnir	ng, mowing, plant	ing, herbicide,	or other
Spece												
Spece Next S	<u>Step</u> ments:											
Specs Next S Treatu Accep Rege	<u>ments:</u> ptable_ n:											
Specs Next S Treats Accep	<u>ments:</u> ptable n:											
Spec: Next S Treati Acces Regel Other Comr	<u>ments:</u> ptable n:	n										

Atlanta Mgt. Unit **Report 3** -- Treatments Compartment: 34 S Year of Entry: 2024 t а Treatment Stand BA Treatment Treatment Cover Type Acres Stand Size Age Habitat n Method Objective Structure Name CoverType Density Age Range Type d 76 54034076-NF 52 3104 - Degraded Nonstocked NonForestMgt Herbaceous/Crop 310 -/Grass Planting Herbaceous Openland Prescription Opening may be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, herbicide, or other agriculture practices. Specs: Next Step Treatments: Acceptable Regen: Other Comment: Site Condition Proposed Start Date: 10/1 /2023 310 -54034077-NF 43.0 330 - Low-Density 0 Unspec NonForestMgt Herbaceous/Crop 77 Nonstocked Trees ified /Grass Planting Herbaceous Openland Prescription Opening to be maintained through mowing, planting, forestry mulching, burning, herbicide or other farming practices to provide wildlife forage Specs: Next Step Burn, Opening Treatments: Acceptable Regen: Other Re-added 3/24/2000 variance approved prescribed burn with 10/01/2022 start date Comment: Site Condition Proposed Start Date: 10/1 /2022 4111 - S.Maple, Clearcut with 42111 - Planted Even-Aged 82 54034082-Cut 20.4 Sawtimber 99 1 - 50Harvest Hard Mast Red Pine, Medium Retention Association Mixed Deciduous Prescription -clearcut -leave 3-10% in retention (already excluded for- see site conditions layer) Specs: -retain additional interior pockets and/or clumps of large crowned more desirable northern hardwood species for regeneration purposes (trees other than beech, ash, red maple, or ironwood) (consult with TMS on quantity and spacing during timber sale preparation work) -require low stumps, reducing, and/or breaking up slash -convert to planted red pine SitePrep, Roller Chopping; SitePrep, Trenching; Pesticide, Skidder - Site Prep; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Next Step Treatments: Pesticide, Skidder - Release; Monitoring, Artificial Regen(3yr) Acceptable -fully stocked red pine with minor components of northern hardwood species Regen: -allow cover type objective and acreage flexibility with planted area being less than or greater than 25% of originally prescribed acreage due to areas of steep terrain and difficulty controlling deciduous competition -long-term objective is to slowly establish more desirable northern hardwood regeneration and reduce high coverage of primarily ash, ironwood, and beech regeneration <u>Other</u> Comment: Site Condition

Proposed Start Date: 10/1 /2023

Cut

No

No

No

S	Atlant	a Mgt. Unit	F	Repo	rt 3 T	Freatments		Compartmen Year of Entry		ALL OF NATURAL
t a n Treatm d Nam		Stand CoverType		Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habit
88 540340	38-Cut 27.9	4123 - Red Oak	Sawtimber Well	103	81-110	Harvest	Clearcut with Retention	42111 - Planted Red Pine, Mixed Deciduous	Even-Aged	No
Prescription Specs:	-leave 3-10% in -retain additional (trees other than	retention (already e l interior pockets an l beech, ash, red ma nps, reducing, and/o ed red pine	d/or clumps aple, or iron\	of larg vood)	e crowneo (consult w	d more desirable				
<u>Next Step</u> <u>Treatments:</u>		Chopping; SitePre er - Release; Moni				idder - Site Prep	o; Planting, Initial	Plant; Monitoring	g, Artificial Reo	gen(1yr)
<u>Acceptable</u> <u>Regen:</u>	-allow cover type	d pine with minor co objective and acre o terrain and difficult	age flexibilit	y with	planted ar	ea being less th	an or greater than	25% of originally	prescribed acr	reage du
		tive is to slowly esta eech regeneration	ablish more o	desirat	ole norther	n hardwood reg	eneration and red	uce high coverage	of primarily as	sh,
<u>Other</u> Comment:										
Site Condition	-									
Proposed Sta	rt Date: 10/1 /2	023								

Total Treatment Acreage Proposed: 497.3

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Compartment: 34 Year of Entry: 2024

#### Availability for Management

Total	Acres	Acres Avail	Acres	Dominant Site Conditions						
Acres	Available	With Condition	Not Available		5C	2F	2G	3A	3J	5E
417	392	0	25	Aspen		0	0	12	1	12
115	4	0	112	Cedar			28	84		
93	92	0	1	Herbaceous Openland		0		1		0
54	53	0	1	Low-Density Trees		0		0		1
8	0	0	8	Lowland Conifers				8		
18	7	0	11	Lowland Deciduous				11		
6	1	0	5	Lowland Mixed Forest				5		
12	0	0	12	Lowland Shrub				12	0	
21	1	0	20	Marsh				20		
239	80	115	44	Mixed Upland Deciduous	115	41			0	2
409	383	0	26	Northern Hardwood		23		0	0	2
289	160	110	19	Oak	110	14			4	1
39	5	0	34	Treed Bog			0	33		
3	3	0	0	Upland Spruce/Fir						
12	12	0	0	Urban				0		0
1,734	1,192	226	317	Total Forested Acres	226	79	28	187	5	18
	69%	13%	18%	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 Dominant Si No. Cond Availab		Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
Unavailab	le 3A: Conservation Values incompatible with harvest at this time	96	3B: Threatened, endangered, and special concern species	Unspecified	Unspecified	Unspecified
Comments:						
2 Unavailab	le 3A: Conservation Values incompatible with harvest at this time	54	3J: Water quality / BMPs (stream, river, or lake)	1C: Other dept or div proc/practices	3B: Threatened, endangered, and special concern species	Unspecified

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3	Unavailable	2F: Too steep	11	Unspecified	Unspecified	Unspecified	Unspecified
	<b>Comments:</b> based on topograph	hic map using 40% slope.					
4	Unavailable	2F: Too steep	2	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: based on topograp	hic map using 40% slope.					
5	Unavailable	2F: Too steep	0	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: based on topograp	hic map using 40% slope.					
6	Unavailable	2F: Too steep	2	Unspecified	Unspecified	Unspecified	Unspecified
	<b>Comments:</b> based on topograph	hic map using 40% slope.					
7	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
8	Unavailable	3A: Conservation Values incompatible with harvest at this time	1	3B: Threatened, endangered, and special concern species	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified
	Comments:						
9	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	28	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						

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10	Unavailable	2F: Too steep	6	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
11	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	1	3B: Threatened, endangered, and special concern species	Unspecified	Unspecified	Unspecified
(	Comments:						
12	Unavailable	3A: Conservation Values incompatible with harvest at this time	13	3B: Threatened, endangered, and special concern species	Unspecified	Unspecified	Unspecified
(	Comments:						
13	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	23	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
14	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
	<b>Comments:</b> Boundary exclusion	n retention that captured represe	entativ	e R9.			
15	Unavailable	3A: Conservation Values incompatible with harvest at this time	0	3B: Threatened, endangered, and special concern species	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified
(	Comments:						
	022 11·21·58 AM - Pa						SWART

	Atlanta Mgt. Unit Darrick Coy : Examiner			Report 4 – Site Condi	tions	Compartment: 34 Year of Entry: 2024		
16	Unavailable	3A: Conservation Values incompatible with harvest at this time	7	3B: Threatened, endangered, and special concern species	Unspecified	Unspecified	Unspecified	
	Comments:							
17	Unavailable	3A: Conservation Values incompatible with harvest at this time	2	3B: Threatened, endangered, and special concern species	Unspecified	Unspecified	Unspecified	
	Comments:							
18	Unavailable	3A: Conservation Values incompatible with harvest at this time	0	3B: Threatened, endangered, and special concern species	Unspecified	Unspecified	Unspecified	
	Comments:							
19	Unavailable	2F: Too steep	2	Unspecified	Unspecified	Unspecified	Unspecified	
	Comments: based on topograp	hic map using 40% slope.						
20	Unavailable	2F: Too steep	21	Unspecified	Unspecified	Unspecified	Unspecified	
	Comments: based on topograp	hic map using 40% slope.						
	Available	5C: Delay treatment for age/size class diversity or	11	Unspecified	Unspecified	Unspecified	Unspecified	
21		exceptional site quality						

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22	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
	<b>Comments:</b> area retention for	stand 9					
23	Unavailable	3A: Conservation Values incompatible with harvest at this time	1	3B: Threatened, endangered, and special concern species	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified
C	Comments:						
24	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	21	Unspecified	Unspecified	Unspecified	Unspecified
	<b>Comments:</b> Thinned to 70-80 ir	n 2015 ash salvage. Give stand	time to	o recover.			
25	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	57	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
26	Unavailable	2F: Too steep	11	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
27	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
	<b>Comments:</b> area retention left	for stand 2					
28	Unavailable	2F: Too steep	4	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: based on topograp	hic map using 40% slope.					

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29	Unavailable	2F: Too steep	2	Unspecified	Unspecified	Unspecified	Unspecified			
	Comments: based on topographic map using 40% slope.									
30	Unavailable	2F: Too steep	1	Unspecified	Unspecified	Unspecified	Unspecified			
	Comments: based on topograpl	hic map using 40% slope.								
31	Unavailable	2F: Too steep	2	Unspecified	Unspecified	Unspecified	Unspecified			
	<b>Comments:</b> based on topographic map using 40% slope.									
32	Unavailable	5E: Long-Term Retention	7	Unspecified	Unspecified	Unspecified	Unspecified			
	Comments: -area retention for stand 3									
34	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	4	Unspecified	Unspecified	Unspecified	Unspecified			
	<b>Comments:</b> pond protection are	ea								
35	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified			
	<b>Comments:</b> area retention for s	tand 69								
36	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified			
	<b>Comments:</b> area retention for s	tand 82								
37	Unavailable	2F: Too steep	2	Unspecified	Unspecified	Unspecified	Unspecified			
	Comments: based on topograp	hic map using 40% slope.								

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38	Unavailable	2F: Too steep	2	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: based on topograp	hic map using 40% slope.					
39	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	7	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
40	Unavailable	2F: Too steep	2	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: based on topograp	hic map using 40% slope.					
41	Unavailable	2F: Too steep	1	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: based on topograp	hic map using 40% slope.					
42	Unavailable	2F: Too steep	1	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: based on topograp	hic map using 40% slope.					
43	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
	<b>Comments:</b> area retention for s	tand 81					
44	Unavailable	2F: Too steep	1	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:	hic map using 40% slope.					

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45	Unavailable	5E: Long-Term Retention	4	Unspecified	Unspecified	Unspecified	Unspecified
	<b>Comments:</b> area retention for	stand 35					
46	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
	comments: area retention for	stand 88					
47	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	23	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
48	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	20	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
49	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	11	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
50	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	10	Unspecified	Unspecified	Unspecified	Unspecified
	comments:						

Compartment: 34

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51	Unavailable	2F: Too steep	7	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
52	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	36	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
53	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	6	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
54	Unavailable	3A: Conservation Values incompatible with harvest at this time	1	Unspecified	Unspecified	Unspecified	Unspecified
	•Reduce increase i swamp edge •Reduce spread of	A Plan 100 foot buffer. The buff n frequency of large blowdown o resulting from aggressive stand invasive species (especially buo red maple to the swamp.	events on rotation s	chedule.			
55	Unavailable	3A: Conservation Values incompatible with harvest at this time	12	Unspecified	Unspecified	Unspecified	Unspecified
	•Reduce increase i swamp edge •Reduce spread of	A Plan 100 foot buffer. The buff n frequency of large blowdown o resulting from aggressive stand invasive species (especially buo red maple to the swamp.	events on rotation s	chedule.			



#### 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

Compartment: 34 Year of Entry 2024



#### Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS

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

Conservation Area	n Type	Description	ERA = Ecological Reference Area HCVA = High Conservation Value Area SCA = Special Conservation Area
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen cond stocked trout populations and those of other coldwater fish speci year to year. Coldwater streams in Michigan typically provide the contributions of groundwater to their stream flows. Such streams designated as trout resources by Fisheries Order 210.	es (e.g., slimy sculpin) to persist from seconditions due to substantial
SCA	Riparian Area	A transitional area between aquatic and terrestrial ecosystems in influences the aquatic ecosystem and vice-versa. Because of the streams and open water wetlands, riparian areas harbor a high of communities are ecologically and socially significant in their effer as aesthetics, habitat, bank stability, timber production, and their	e unique conditions adjacent to lakes, liversity of plants and wildlife. Riparian cts on water quality and quantity, as well
ERA F	Ecological Reference Areas	Ecological Reference Areas (ERAs) are high quality examples of identified as Element Occurrences (EOs) by the Michigan Natura context of their natural community classification system. Element (Excellent) or B (Good) and a Global (G) or State (S) element (ra threatened (2), or rare (3) serve as an initial base of ERAs. They the State. The system is comprised of individual or associations managed for restoration and maintenance of natural ecological p submit recommendations for lands as ERAs using the DNR Con-	al Features Inventory (MNFI) within the t Occurrences with viability ranks of A urity) ranking of endangered (1), may be located upon any ownership in of natural community types that are processes and values. The public may

		Atlanta Mg	ıt. Unit				Rep	oort 7 – Sta	ands		Compartment: 34 Year of Entry: 2024
Stand	d Level 4 C	over Type		Size De	nsity	Acres	Stand Age	BA Range	Managed S	ite	General Comments
1	310 - Herbac	eous Open	land	Nonstocked		3.8		Unspecified	Managed Opening		
2	4130	- Aspen	ę	Sawtimb	er Well	13.9	74	81-110	N/A		-rot common in aspen
	<b>Canopy Species</b>	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size	
	Red Oak	5	XLog/Log	22		Ba	lsam Fir	Medium	Variable	Sapling	
	Red Maple	10	Log/XLog	14		Irc	onwood	Medium	Variable	Sapling	
	Quaking Aspen	40	Log/Pole	12	74	E	Beech	Low	< 5 feet	Sapling	
	Bigtooth Aspen	25	Log/Pole	12							
	Sugar Maple	5	Log/XLog	14							
	Balsam Fir	15	Pole/Log	9							
3	4130	- Aspen	F	Poletimb		108.6	47	81-110	N/A		-a bit wet to ne and more openings to nw-past treatment- clearcut, cut $_{\rm l}$ all aspen, fir, and black spruce-completion date- 9/15/75-leave trees-
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size	green painted trees and no rp or wp under 4 inches dbh
	Quaking Aspen	41	Pole/Log	9	47	Blac	k Cherry	Medium	Variable	Sapling	
	Bigtooth Aspen	29	Pole/Log	9		Irc	onwood	Medium	Variable	Sapling	
	Red Oak	7	Pole/Log/XLo	g 9		Sug	ar Maple	Medium	Variable	Sapling	
	White Pine	3	Log/Pole	12		Wł	nite Ash	Medium	Variable	Sapling	
	Sugar Maple	5	Pole	7		Ba	lsam Fir	Low	Variable	Sapling	
	Balsam Fir	10	Pole/Sapling	·		R	ed Oak	Low	Variable	Sapling	
	Black Spruce	5	Pole	7							
4	4110 - Sugar N	•		Sawtimb		20.4	106	81-110	N/A		-ash and beech removed in 2016 Sale # 54-015-13-01 "Humanoid □ Hardwoods"
	Canopy Species		Size Class		Age		nopy Species	-	Avg. Height	Size	-
	Bigtooth Aspen	10	Log/Pole	13			Beech	Low	Variable	Sapling	-
	Basswood	10	Log/Pole	13	100		nwood	Medium	Variable	Sapling	-
	Sugar Maple	80	Log/Pole	12	106		emlock	Low	>20 feet	Log	
						0	ar Maple	Medium	>20 feet	Sapling	-
						Ba	lsam Fir	Low	Variable	Sapling	
5	310 - Herbac	eous Open	land	Nonsto	cked	17.9	I	Unspecified	Managed Op	pening	
6	3102	- Grass		Nonsto	cked	1.3		Unspecified			
7	3102	- Grass		Nonsto	cked	3.2			4211 - Planted	Red Pine	This is an area of grass that is being planted to red pine.

### Report 7 – Stands

Compartment: 34 Year of Entry: 2024

Stan	d Level 4 C	over Type		Size De		Acres	Stand Age B	A Runge	Managed S		General Comments
8		- Aspen		Sapling		12.2	_	mmature	N/A		this was apart of timber sale number 54-031-14
-	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Quaking Aspen	5	Log	11			ck Cherry	Medium	5 - 10 feet	Sapling	
	Sugar Maple	5	Sapling	1							1
	Red Maple	5	Sapling	1							
	Bigtooth Aspen	5	Sapling	1							
	Quaking Aspen	80	Sapling	1	5						
9	4199 - Other Mixe	d Upland D	eciduous S	Sawtimb	er Well	14.2	99	81-110	N/A		-past treatment- selection, cut orange trees to 80ba (see treatment MIF
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	lineage for more information) -acres cut- 79
	Red Oak	55	Log/XLog	17	99		ar Maple	Medium	>20 feet	Sapling	-completion date- 1997
	Paper Birch	5	Log/Pole	12			emlock	Low	Variable	Log	-sale number- 54-005-95-01
	Basswood	10	Log/Pole	13			onwood	High	5 - 10 feet	Sapling	-leave trees- -cut volume (cds)- 26 sm, 74 bsw, 38 ro, 270 mhwd
	Sugar Maple	30	Log/Pole	11	99	I	Beech	Medium	5 - 10 feet	Sapling	
	0		0			W	hite Ash	High	5 - 10 feet	Sapling	-past treatment- thinning to 70-90 BA
											-completion date- 2014 -sale number- 54-013-13-01 -leave trees- green painted beech and ash, 80BA
10	4110 - Sugar M	Aple Assoc	ciation S	Sawtimb	er Well	4.6	114	81-110	N/A		-sale number- 54-013-13-01
10	5	•	ciation Size Class							Size	-sale number- 54-013-13-01 -leave trees- green painted beech and ash, 80BA -cut volume (cds)-
10	4110 - Sugar M Canopy Species Sugar Maple	•	Size Class		I Age	Sub-Ca	114 nopy Species hite Ash	81-110 Density Medium	N/A Avg. Height < 5 feet		-sale number- 54-013-13-01 -leave trees- green painted beech and ash, 80BA -cut volume (cds)- -ash and beech removed in 2016 Sale # 54-015-13-01 "Humanoid
10	Canopy Species Sugar Maple	% Cover		DBH	I Age	Sub-Ca W	nopy Species	Density	Avg. Height	Size Sapling Tall Shrub	-sale number- 54-013-13-01 -leave trees- green painted beech and ash, 80BA -cut volume (cds)- -ash and beech removed in 2016 Sale # 54-015-13-01 "Humanoid Hardwoods"-pretty pure sugar maple stand
10	Canopy Species	• <b>Cover</b>	Size Class Log/Pole	<b>DBH</b> 13	I Age	Sub-Ca W Blackbe	<b>nopy Species</b> hite Ash	<b>Density</b> Medium	Avg. Height < 5 feet	Sapling Tall Shrub	-sale number- 54-013-13-01 -leave trees- green painted beech and ash, 80BA -cut volume (cds)- -ash and beech removed in 2016 Sale # 54-015-13-01 "Humanoid Hardwoods"-pretty pure sugar maple stand
10	Canopy Species Sugar Maple Bigtooth Aspen	• <b>Cover</b> 94 5	Size Class Log/Pole Pole	<b>DBH</b> 13 8	I Age	Sub-Ca W Blackbe	nopy Species hite Ash rry/Raspberry	Density Medium Medium	<b>Avg. Height</b> < 5 feet 5 - 10 feet	Sapling Tall Shrub Sapling	-sale number- 54-013-13-01 -leave trees- green painted beech and ash, 80BA -cut volume (cds)- -ash and beech removed in 2016 Sale # 54-015-13-01 "Humanoid Hardwoods"-pretty pure sugar maple stand
10	Canopy Species Sugar Maple Bigtooth Aspen	• <b>Cover</b> 94 5	Size Class Log/Pole Pole	<b>DBH</b> 13 8	I Age	Sub-Ca W Blackbe	nopy Species hite Ash rry/Raspberry Beech	Density Medium Medium Medium	<b>Avg. Height</b> < 5 feet 5 - 10 feet 5 - 10 feet	Sapling Tall Shrub	-sale number- 54-013-13-01 -leave trees- green painted beech and ash, 80BA -cut volume (cds)- -ash and beech removed in 2016 Sale # 54-015-13-01 "Humanoid Hardwoods"-pretty pure sugar maple stand
	Canopy Species Sugar Maple Bigtooth Aspen	% Cover           94           5           1	Size Class Log/Pole Pole Log	<b>DBH</b> 13 8	<b>I Age</b> 114	Sub-Ca W Blackbe	nopy Species hite Ash rry/Raspberry Beech gar Maple	DensityMediumMediumMediumMedium	Avg. Height < 5 feet 5 - 10 feet 5 - 10 feet Variable	Sapling Tall Shrub Sapling Sapling	-sale number- 54-013-13-01 -leave trees- green painted beech and ash, 80BA -cut volume (cds)- -ash and beech removed in 2016 Sale # 54-015-13-01 "Humanoid Hardwoods"-pretty pure sugar maple stand
10 11 11	Canopy Species Sugar Maple Bigtooth Aspen Hemlock 3303 - Mixed L	% Cover           94           5           1	Size Class Log/Pole Pole Log	<b>DBH</b> 13 8 14	Age 1114	Sub-Ca W Blackbe Sug	nopy Species hite Ash rry/Raspberry Beech gar Maple	DensityMediumMediumMediumMedium	<b>Avg. Height</b> < 5 feet 5 - 10 feet 5 - 10 feet Variable 5 - 10 feet	Sapling Tall Shrub Sapling Sapling	-sale number- 54-013-13-01 -leave trees- green painted beech and ash, 80BA -cut volume (cds)- -ash and beech removed in 2016 Sale # 54-015-13-01 "Humanoid Hardwoods"-pretty pure sugar maple stand cherry and spruce fir that are 46 yrs old, was cut in past, poorly regenerated -past treatment- clearcut, cut all trees except oak over 2", winter harve
11	Canopy Species Sugar Maple Bigtooth Aspen Hemlock 3303 - Mixed L	<ul> <li>% Cover</li> <li>94</li> <li>5</li> <li>1</li> </ul> ow Density <ul> <li>Aspen</li> </ul>	Size Class Log/Pole Pole Log	DBH 13 8 14 Nonsta	Age 1114	Sub-Ca W Blackbe Sug Iro 2.2 21.8	nopy Species hite Ash rry/Raspberry Beech gar Maple onwood	Density Medium Medium Medium Low	Avg. Height           < 5 feet	Sapling Tall Shrub Sapling Sapling	-sale number- 54-013-13-01 -leave trees- green painted beech and ash, 80BA -cut volume (cds)- -ash and beech removed in 2016 Sale # 54-015-13-01 "Humanoid Hardwoods"-pretty pure sugar maple stand cherry and spruce fir that are 46 yrs old, was cut in past, poorly regenerated -past treatment- clearcut, cut all trees except oak over 2", winter harve only for aspen-acres cut- 21-completion date- 8/8/95-sale number-
11	Canopy Species Sugar Maple Bigtooth Aspen Hemlock 3303 - Mixed L 4130	<ul> <li>% Cover</li> <li>94</li> <li>5</li> <li>1</li> </ul> ow Density <ul> <li>Aspen</li> </ul>	Size Class Log/Pole Log	DBH 13 8 14 Nonsta	a Age	Sub-Ca W Blackbe Sug Ird 2.2 21.8 Sub-Ca	nopy Species hite Ash rry/Raspberry Beech gar Maple onwood	Density Medium Medium Medium Low	Avg. Height < 5 feet 5 - 10 feet 5 - 10 feet Variable 5 - 10 feet No	Sapling Tall Shrub Sapling Sapling Sapling	-sale number- 54-013-13-01 -leave trees- green painted beech and ash, 80BA -cut volume (cds)- -ash and beech removed in 2016 Sale # 54-015-13-01 "Humanoid Hardwoods"-pretty pure sugar maple stand cherry and spruce fir that are 46 yrs old, was cut in past, poorly regenerated -past treatment- clearcut, cut all trees except oak over 2", winter harve
11	Canopy Species Sugar Maple Bigtooth Aspen Hemlock 3303 - Mixed L 4130 Canopy Species	% Cover       94       5       1   ow Density  - Aspen % Cover	Size Class Log/Pole Log Trees	DBH 13 8 14 Nonsto Saplino	a Age	Sub-Ca W Blackbe Sug Ire 2.2 21.8 Sub-Ca Blac	nopy Species hite Ash rry/Raspberry Beech gar Maple onwood 27 27 nopy Species	Density Medium Medium Medium Low	Avg. Height < 5 feet 5 - 10 feet Variable 5 - 10 feet No N/A	Sapling Tall Shrub Sapling Sapling Sapling	-sale number- 54-013-13-01 -leave trees- green painted beech and ash, 80BA -cut volume (cds)- -ash and beech removed in 2016 Sale # 54-015-13-01 "Humanoid Hardwoods"-pretty pure sugar maple stand Hardwoods"-pretty pure sugar maple stand cherry and spruce fir that are 46 yrs old, was cut in past, poorly regenerated -past treatment- clearcut, cut all trees except oak over 2", winter harve only for aspen-acres cut- 21-completion date- 8/8/95-sale number- 54-013-94-01-leave trees- green painted trees and no rp or wp under 4
11	Canopy Species Sugar Maple Bigtooth Aspen Hemlock 3303 - Mixed L 4130 Canopy Species Red Maple	% Cover           94           5           1           ow Density           - Aspen           % Cover           10	Size Class Log/Pole Log Trees Size Class Sapling	DBH         13         8         14         Nonsta         Sapling         DBH         3	a Age	Sub-Ca W Blackbe Sug In 2.2 21.8 Sub-Ca Blac	nopy Species hite Ash rry/Raspberry Beech gar Maple onwood 27 27 nopy Species ck Cherry	Density         Medium         Medium         Medium         Low         1-50         Density         Medium	Avg. Height < 5 feet 5 - 10 feet Variable 5 - 10 feet No N/A Avg. Height 5 - 10 feet	Sapling Tall Shrub Sapling Sapling Sapling	-sale number- 54-013-13-01 -leave trees- green painted beech and ash, 80BA -cut volume (cds)- -ash and beech removed in 2016 Sale # 54-015-13-01 "Humanoid Hardwoods"-pretty pure sugar maple stand Hardwoods"-pretty pure sugar maple stand cherry and spruce fir that are 46 yrs old, was cut in past, poorly regenerated -past treatment- clearcut, cut all trees except oak over 2", winter harve only for aspen-acres cut- 21-completion date- 8/8/95-sale number- 54-013-94-01-leave trees- green painted trees and no rp or wp under
11	Canopy Species Sugar Maple Bigtooth Aspen Hemlock 3303 - Mixed L 3303 - Mixed L 4130 Canopy Species Red Maple Red Oak	% Cover         94         5         1         ow Density         - Aspen         % Cover         10         2	Size Class Log/Pole Log Trees Size Class Sapling XLog	DBH 13 8 14 Nonsta Sapling DBH 3 19 3	a Age	Sub-Ca W Blackbe Sug In 2.2 21.8 Sub-Ca Blac Blac	nopy Species hite Ash rry/Raspberry Beech gar Maple onwood 27 27 nopy Species ck Cherry onwood	Density Medium Medium Low 1-50 Density Medium High	Avg. Height < 5 feet 5 - 10 feet Variable 5 - 10 feet No N/A Avg. Height 5 - 10 feet 10 - 20 feet	Sapling Tall Shrub Sapling Sapling Sapling Sapling Sapling Sapling	-sale number- 54-013-13-01 -leave trees- green painted beech and ash, 80BA -cut volume (cds)- -ash and beech removed in 2016 Sale # 54-015-13-01 "Humanoid Hardwoods"-pretty pure sugar maple stand Hardwoods"-pretty pure sugar maple stand cherry and spruce fir that are 46 yrs old, was cut in past, poorly regenerated -past treatment- clearcut, cut all trees except oak over 2", winter harve only for aspen-acres cut- 21-completion date- 8/8/95-sale number- 54-013-94-01-leave trees- green painted trees and no rp or wp under
11	Canopy Species Sugar Maple Bigtooth Aspen Hemlock 3303 - Mixed L 3303 - Mixed L 4130 Canopy Species Red Maple Red Oak Red Oak	% Cover         94         5         1         ow Density         - Aspen         % Cover         10         2         8	Size Class Log/Pole Log Trees Size Class Sapling XLog Sapling	DBH 13 8 14 Nonsta Sapling DBH 3 19 3	y Well	Sub-Ca W Blackbe Sug In 2.2 21.8 Sub-Ca Blac Blac	nopy Species hite Ash rry/Raspberry Beech gar Maple onwood 27 27 nopy Species ck Cherry onwood lsam Fir	Density Medium Medium Low 1-50 Density Medium High Low	Avg. Height           < 5 feet	Sapling Tall Shrub Sapling Sapling Sapling Sapling Sapling Sapling	-sale number- 54-013-13-01 -leave trees- green painted beech and ash, 80BA -cut volume (cds)- -ash and beech removed in 2016 Sale # 54-015-13-01 "Humanoid Hardwoods"-pretty pure sugar maple stand Hardwoods"-pretty pure sugar maple stand cherry and spruce fir that are 46 yrs old, was cut in past, poorly regenerated -past treatment- clearcut, cut all trees except oak over 2", winter harve only for aspen-acres cut- 21-completion date- 8/8/95-sale number- 54-013-94-01-leave trees- green painted trees and no rp or wp under
11	Canopy Species Sugar Maple Bigtooth Aspen Hemlock 3303 - Mixed L 3303 - Mixed L 4130 Canopy Species Red Maple Red Oak Red Oak Red Oak	% Cover         94         5         1         ow Density         - Aspen         % Cover         10         2         8         35	Size Class Log/Pole Log Trees Size Class Sapling XLog Sapling/Pole	DBH         13         8         14         Nonstr         Saping         DBH         3         19         3         4         2	y Well	Sub-Ca W Blackbe Sug In 2.2 21.8 Sub-Ca Blac Blac	nopy Species hite Ash rry/Raspberry Beech gar Maple onwood 27 27 nopy Species ck Cherry onwood lsam Fir	Density Medium Medium Low 1-50 Density Medium High Low	Avg. Height           < 5 feet	Sapling Tall Shrub Sapling Sapling Sapling Sapling Sapling Sapling	-sale number- 54-013-13-01 -leave trees- green painted beech and ash, 80BA -cut volume (cds)- -ash and beech removed in 2016 Sale # 54-015-13-01 "Humanoid Hardwoods"-pretty pure sugar maple stand Hardwoods"-pretty pure sugar maple stand cherry and spruce fir that are 46 yrs old, was cut in past, poorly regenerated -past treatment- clearcut, cut all trees except oak over 2", winter harve only for aspen-acres cut- 21-completion date- 8/8/95-sale number- 54-013-94-01-leave trees- green painted trees and no rp or wp under 4

## Report 7 – Stands



	Level 4 Cover Type		Level 4 Cover Type			e BA Range Unspecified	Ū		
13	3102	- Grass		Nonstocked	1.1	Unspecified			
14	310 - Herbac	erbaceous Openland No		Nonstocked	5.7	Unspecified Managed Openi		ening	
15	122 - Road	d/Parking Lo	ot	Nonstocked	7.5	Unspecified	No		
16	4110 - Sugar M	laple Assoc	ciation	Sawtimber Well	42.7 83	81-110	N/A		-beech, ash, ironwood and maple in order of dominance; regen is short
(	Canopy Species	% Cover	Size Class	DBH Age	Sub-Canopy Specie	B Density	Avg. Height	Size	and not ash prevalent compared to adj older hwd stand that was thinned-ash and beech removed in 2016 Sale # 54-015-13-01
	Red Maple	15	Log/Pole	10	Sugar Maple	Medium	Variable	Sapling	"Humanoid Hardwoods" (see treatment MIFI lineage for more
	Basswood	15	Log/Pole	12	Beech	Medium	< 5 feet	Sapling	information)-past treatment- thinning, all aspen and orange trees (NE
В	Bigtooth Aspen	3	Log	13	White Ash	Medium	< 5 feet	Sapling	portion of stand only)-acres cut-26-completion date- 8/22/2000-sale number- 54-003-00-01 formerly sale 54-015-95-01-leave trees- 80+
	Paper Birch	2	Log/Pole	11	Ironwood	Medium	< 5 feet	Sapling	BA-cut volume (cds)-124 mhwd, 84, bwd, 5 wash, 5 bch, 10bta
	Sugar Maple	65	Log/Pole	11 83					
17	3102	- Grass		Nonstocked	1.0	Unspecified			
18	4110 - Sugar M	Naple Assoc		Sawtimber Well	46.3 85	111-140	N/A	Size	-Attached QD point report and updated cover percentages and dbhs -average BA is 117 based off 20 points using 20 BAF prism
17 18 0	4110 - Sugar M Canopy Species	/laple Assoc % Cover	ciation Size Class Pole	Sawtimber Well DBH Age	46.3 85 Sub-Canopy Specie	111-140 s Density	Avg. Height	<b>Size</b> Sapling	
18	4110 - Sugar M	Naple Assoc	Size Class Pole	Sawtimber Well     DBH   Age     8	46.3 85	111-140 s Density High	Avg. Height >20 feet	Sapling	
18 C	4110 - Sugar M Canopy Species Red Maple	Maple Assoc % Cover	Size Class	Sawtimber Well DBH Age	46.3 85 Sub-Canopy Specie Sugar Maple	111-140 s Density	Avg. Height		
18 c	4110 - Sugar M Canopy Species Red Maple Red Oak	Maple Association Associatio Association Association Association Association Association A	Size Class Pole XLog	Sawtimber Well       DBH     Age       8     26	46.3 85 Sub-Canopy Specie Sugar Maple White Ash	111-140 s Density High Medium	Avg. Height >20 feet Variable	Sapling Sapling Sapling	
18 c	4110 - Sugar M Canopy Species Red Maple Red Oak Quaking Aspen	Maple Assoc % Cover 2 3 1	Size Class Pole XLog Log	Sawtimber Well       DBH Age       8       26       10	46.3 85 Sub-Canopy Specie Sugar Maple White Ash Beech	111-140 s Density High Medium Medium	Avg. Height >20 feet Variable Variable	Sapling Sapling	
18 c	4110 - Sugar M Canopy Species Red Maple Red Oak Quaking Aspen Paper Birch	Maple Assoc % Cover 2 3 1 1	Size Class Pole XLog Log	Sawtimber Well       DBH     Age       8     10       12     12	46.3 85 Sub-Canopy Specie Sugar Maple White Ash Beech	111-140 s Density High Medium Medium	Avg. Height >20 feet Variable Variable	Sapling Sapling Sapling	
18 c	4110 - Sugar M Canopy Species Red Maple Red Oak Quaking Aspen Paper Birch Ironwood	Maple Assoc % Cover 2 3 1 1 1 1	Size Class Pole XLog Log Pole	Sawtimber Well           DBH         Age           8         10           10         12           7         10	46.3 85 Sub-Canopy Specie Sugar Maple White Ash Beech	111-140 s Density High Medium Medium	Avg. Height >20 feet Variable Variable	Sapling Sapling Sapling	
18 c	4110 - Sugar M Canopy Species Red Maple Red Oak Quaking Aspen Paper Birch Ironwood Beech	Maple Assoc % Cover 2 3 1 1 1 3 3	Size Class Pole XLog Log Log Pole XLog/Log	Sawtimber Well           DBH         Age           8         10           10         12           7         19	46.3 85 Sub-Canopy Specie Sugar Maple White Ash Beech	111-140 s Density High Medium Medium	Avg. Height >20 feet Variable Variable	Sapling Sapling Sapling	
18 c	4110 - Sugar M Canopy Species Red Maple Red Oak Quaking Aspen Paper Birch Ironwood Beech Sugar Maple	Maple Assoc % Cover 2 3 1 1 1 3 63 26	Size Class Pole XLog Log Dole XLog/Log Log/Pole	Sawtimber Well           DBH Age           8           26           10           12           7           19           10           10	46.3 85 Sub-Canopy Specie Sugar Maple White Ash Beech	111-140 s Density High Medium Medium	Avg. Height >20 feet Variable Variable	Sapling Sapling Sapling	-average BA is 117 based off 20 points using 20 BAF prism
18 Q 19	4110 - Sugar M Canopy Species Red Maple Red Oak Quaking Aspen Paper Birch Ironwood Beech Sugar Maple Basswood	Maple Assoc % Cover 2 3 1 1 1 3 63 26 Maple Assoc	Size Class Pole XLog Log Dole XLog/Log Log/Pole	Sawtimber Well       DBH     Age       8	46.3 85 Sub-Canopy Specie Sugar Maple White Ash Beech Ironwood	111-140 <b>Density</b> High Medium Medium Medium	Avg. Height >20 feet Variable Variable Variable	Sapling Sapling Sapling	-average BA is 117 based off 20 points using 20 BAF prism -mostly beech, ash, ironwood, and sugar maple regen in order of dominance ash and beech removed in 2016 Sale # 54-015-13-01
18 Q 19 C	4110 - Sugar M Canopy Species Red Maple Red Oak Quaking Aspen Paper Birch Ironwood Beech Sugar Maple Basswood 4110 - Sugar M	Maple Assoc % Cover 2 3 1 1 1 3 63 26 Maple Assoc	Size Class Pole XLog Log Pole XLog/Log Log/Pole Log/Pole	Sawtimber Well       DBH     Age       8     10       10     12       7     19       10     85       12     10	46.3 85 Sub-Canopy Specie Sugar Maple White Ash Beech Ironwood 46.9 111	111-140 <b>Density</b> High Medium Medium Medium	Avg. Height >20 feet Variable Variable Variable	Sapling Sapling Sapling Sapling	-average BA is 117 based off 20 points using 20 BAF prism -mostly beech, ash, ironwood, and sugar maple regen in order of dominance ash and beech removed in 2016 Sale # 54-015-13-01 "Humanoid Hardwoods" (see treatment MIFI lineage for more information)-past treatment- thinning, all aspen and orange trees
18 Q 19 C	4110 - Sugar M Canopy Species Red Maple Red Oak Quaking Aspen Paper Birch Ironwood Beech Sugar Maple Basswood 4110 - Sugar M Canopy Species	Maple Assoc % Cover 2 3 1 1 1 3 63 26 Maple Assoc % Cover	Size Class Pole XLog Log Pole XLog/Log Log/Pole Log/Pole	Sawtimber Well           DBH         Age           8         -           10         -           12         -           7         -           19         -           10         85           12         -	46.3 85 Sub-Canopy Specie Sugar Maple White Ash Beech Ironwood 46.9 111 Sub-Canopy Specie	111-140 <b>Density</b> High Medium Medium 51-80 <b>5</b> 1-80	Avg. Height >20 feet Variable Variable Variable N/A Avg. Height	Sapling Sapling Sapling Sapling	-mostly beech, ash, ironwood, and sugar maple regen in order of dominance ash and beech removed in 2016 Sale # 54-015-13-01 "Humanoid Hardwoods" (see treatment MIFI lineage for more information)-past treatment- thinning, all aspen and orange trees (center and north 1/2 portion of stand only)-acres cut-26-completion
18 Q 19 C	4110 - Sugar M Canopy Species Red Maple Red Oak Quaking Aspen Paper Birch Ironwood Beech Sugar Maple Basswood 4110 - Sugar M Canopy Species Yellow Birch	Maple Assoc % Cover 2 3 1 1 1 3 63 63 26 Maple Assoc % Cover 3	Size Class Pole XLog Log Pole XLog/Log Log/Pole Log/Pole ciation Size Class Log/Pole	DBH       Age         8       -         26       -         10       -         12       -         19       -         10       85         112       -         12       -         5       12         5       12         5       12         5       12         5       12         5       12         5       12         5       12         5       12         5       12         5       12         5       12         5       12         5       12         5       12         5       12         5       12         5       12         5       12         5       13         5       14         5       14         6       10	46.3 85 Sub-Canopy Specie Sugar Maple White Ash Beech Ironwood 46.9 111 Sub-Canopy Specie Sugar Maple	111-140 <b>Density</b> High Medium Medium 51-80 <b>Density</b> Medium	Avg. Height >20 feet Variable Variable Variable N/A Avg. Height Variable	Sapling Sapling Sapling Sapling Sapling	-average BA is 117 based off 20 points using 20 BAF prism -mostly beech, ash, ironwood, and sugar maple regen in order of dominance ash and beech removed in 2016 Sale # 54-015-13-01 "Humanoid Hardwoods" (see treatment MIFI lineage for more information)-past treatment- thinning, all aspen and orange trees

Size Density

Level 4 Cover Type

Stand

#### Report 7 – Stands

Acres Stand Age BA Range

Managed Site

Compartment: 34 Year of Entry: 2024	DNR DNR
General Comments	MICHIGAN
er here vs adjacent south en present but still a lot of ironwood	

9.5 4123 - Red Oak Sawtimber Well 97 81-110 N/A -site quality seems lower here vs adjacent 21 -some advance oak regen present but still **Canopy Species** % Cover Size Class **DBH Age** Sub-Canopy Species Density Avg. Height Size 14 Red Oak 87 97 Red Oak Medium Variable Loa Sapling 10 12 Sugar Maple Log/Pole Ironwood Hiah Variable Sapling Red Pine 3 Loa 15 Red Maple Medium Variable Sapling Sugar Maple Variable Sapling Medium 111-140 22 6120 - Lowland Cedar Poletimber Well 27.9 127 N/A **Canopy Species** % Cover Size Class **DBH** Age Sub-Canopy Species Densitv Ava. Heiaht Size Balsam Poplar 5 Pole 8 Balsam Fir Medium Variable Sapling 8 Black Spruce 15 Pole/Loa Black Spruce Medium Variable Sapling Balsam Fir 10 Pole/Sapling 7 Red Maple Medium Variable Sapling Northern White Cedar 50 Pole/Loa 8 127 Tag Alder Medium 5 - 10 feet Tall Shrub Tamarack 20 Pole/Log 8 Black Ash I ow Variable Sapling 23 3102 - Grass Nonstocked 1.2 Unspecified 4110 - Sugar Maple Association Sawtimber Well 27.6 81 111-140 N/A -Attached QD point reports and updated cover percentages and dbhs 24 -average BA is 116 based off 10 points using 20 BAF prism % Cover Size Class Size **Canopy Species DBH Age** Sub-Canopy Species Density Avg. Height Log/Pole Basswood 17 12 Ironwood High 5 - 10 feet Sapling -past treatment- thinning, all orange trees -acres cut-22 Ironwood 3 Pole 5 White Ash Medium 5 - 10 feet Sapling -completion date- 01/08/01 Red Oak 5 18 XLoa/Loa Sugar Maple Hiah >20 feet Sapling -sale number- 54-009-97-01 Sugar Maple 69 Log/Pole 10 81 -leave trees- 80+ BA -cut volume (cds)-8 ma, 127 mhwd **Bigtooth Aspen** 6 Log/XLog 16 -more bsw and other species vs stand to adj west, also larger diameters, similar age 3102 - Grass 25 Nonstocked 3.0 Unspecified No 42330 - Upland Fir Poletimber Well 2.7 53 111-140 N/A -about half this stand is severly overstocked with small crowns (1/6 alive 26 crown) % Cover Size Class Size **Canopy Species DBH Age** Sub-Canopy Species Density Avg. Height -east half is open with larger diameters and branchy 10 8 Variable Sapling Quaking Aspen Pole Red Oak Low Balsam Fir 90 Pole/Sapling 7 53 Black Cherry Low Variable Sapling Balsam Fir Medium >20 feet Sapling 3102 - Grass 1.0 Unspecified Nonstocked 27

## Report 7 – Stands

Compartment: 34 Year of Entry: 2024

<b>0</b> 4		<b>..</b>				•			<b>M</b>		Tear of Entry: 2024
Stand	Level 4 C	over Type		Size De	nsity	Acres	Stand Age B	A Range	Managed S	oite	General Comments
28	4199 - Other Mixe	ed Upland E	Deciduous	Sapling	y Well	21.1	36	1-50	N/A		-past treatment- clearcut acres cut- 25
	Canopy Species	% Cover	r Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	-completion date- 6/2/86
	Red Maple	30	Sapling/Pole	4	36	Blac	ck Cherry	Medium	5 - 10 feet	Sapling	-sale number- 54-027-84-01
	Red Oak	15	Sapling/Pole	4		Sug	ar Maple	Medium	5 - 10 feet	Sapling	-leave trees- none per specs
	Ironwood	15	Sapling/Pole	3		Wł	nite Ash	Medium	5 - 10 feet	Sapling	-cut volume (cds)-188 sm, 34 ro, 123 mnhwd, 5 aspen
	Sugar Maple	25	Sapling/Pole	4		Re	d Maple	Low	5 - 10 feet	Sapling	
	Quaking Aspen	5	Pole/Sapling	5		Irc	onwood	Medium	5 - 10 feet	Sapling	
	Bigtooth Aspen	10	Pole/Sapling	5							
29	4199 - Other Mixe	ed Upland E	Deciduous	Sapling	y Well	27.8	32	1-50	N/A		-past treatment- clearcut, contract not totally cut, looks like triangle in
	Canopy Species	% Cover	r Size Class	DBH	Age						middle left-acres cut-50-completion date- 1/3/1990-sale number- 54- 033-84-01-cut volume (cds)- 294 mhwd, 114 ro, 137 bta, 201 pb, 193
	Red Maple	15	Sapling/Pole	3							bsw-more nhwd in middle of stand and aspen in south half-good mix
	Paper Birch	5	Pole/Log	9							of regen came back-some overstory oak, birch, basswood, and maple
	Sugar Maple	35	Sapling/Pole/Lo	og 3	32						trees were not cut
	Bigtooth Aspen	10	Pole/Sapling	5							
	Red Oak	25	Sapling/Pole/Lo	g 4							
	Basswood	5	Pole/Log	8							
	Ironwood	5	Sapling/Pole	3							
30	4130	- Aspen	Р	oletimb	er Wel	l 42.1	36	51-80	N/A		-past treatment- clearcut, cut all except oak in S half, cut all birch and
	Canopy Species	% Cover	r Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	aspen in N half-acres cut- 60-completion date- 1/12/87-sale number- 54-035-84-01-leave trees- left all oak in south half -cut volume (cds)-
	Red Maple	10	Pole/Sapling	5		Re	d Maple	Medium	Variable	Sapling	397 aspen, 227 pb, 129 mhwd, 14 m swd,
	Quaking Aspen	30	Pole/Sapling	6	36	Ba	lsam Fir	Medium	Variable	Sapling	
	Balsam Fir	10	Pole/Sapling	6							_
	Paper Birch	5	Pole/Sapling	6							
	Red Oak	7	Sapling	4							
	Red Oak	3	XLog/Log	19							
	Bigtooth Aspen	35	Pole/Sapling	6	36						
31	3301 - Low Dens	ity Deciduc	ous Trees	Nonsto	ocked	1.5	Ui	nspecified	No		
32	4199 - Other Mixe	ed Upland [	Deciduous S	awtimb	er Well	42.5	103	81-110	N/A		-a lot of dead ash, naturally thinned itself, good growing space and healt
	Canopy Species	% Cover	r Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Paper Birch	5	Log	11		Sug	ar Maple	Medium	>20 feet	Sapling	
	Hemlock	2	Log	12		Re	d Maple	Low	>20 feet	Sapling	
	Sugar Maple	25	Log/Pole	11		E	Beech	Low	10 - 20 feet	Sapling	
	December	05		40		1		N.A. allower	10 00 5 1	0	

Medium

10 - 20 feet

Sapling

Basswood

Red Oak

Beech

25

38

5

Log/Pole

Log/XLog

Log/Pole

12

15 103 12 Ironwood

## Report 7 – Stands



E DNR

tand	Level 4 C	over Type		Size De	ensity	Acres	Stand Age B	BA Range	Managed S	ite	General Comments	MICHIC
33	3102	- Grass		Nonst	ocked	1.0	U	Inspecified	Managed Op	ening		
84	3102	- Grass	Nonstocked		2.6	U	Inspecified	Managed Op	ening			
85	4139 - Aspen,	Mixed Deci	duous S	Sawtimt	er Well	82.0	57	111-140	N/A			
	Canopy Species	% Cover	Size Class	DBł	I Age	Sub-Car	nopy Species	Density	Avg. Height	Size		
	Sugar Maple	10	Pole/Log	8		Red	d Maple	Medium	Variable	Sapling		
	Balsam Fir	5	Pole/Log	8		Bal	sam Fir	Medium	Variable	Sapling		
	Red Maple	5	Pole/Log	8		Wh	nite Ash	Medium	Variable	Sapling		
	Red Oak	10	Pole/Log	8		Suga	ar Maple	Medium	Variable	Sapling		
	Paper Birch	5	Pole/Log	8		Iro	onwood	High	Variable	Sapling		
	Bigtooth Aspen	35	Log/Pole	10	57							
	Ironwood	5	Pole	7								
	Quaking Aspen	20	Log/Pole	10								
	Basswood	5	Pole/Log	9								
6	3102	- Grass		Nonst	ocked	1.4	U	Inspecified				
7	4123 -	Red Oak		Sawtimt	er Well	27.0	97	81-110	N/A			
7	4123 - Canopy Species	Red Oak % Cover	Size Class	Sawtimt		27.0 Sub-Car	97 nopy Species	81-110 Density	Avg. Height	Size		
7	4123 - Canopy Species Sugar Maple	Red Oak % Cover 12	Size Class Log/Pole	Sawtimt DBI	er Well	27.0 <b>Sub-Ca</b> r B	97 nopy Species Beech	81-110 Density Low	Avg. Height 5 - 10 feet	Sapling		
7	4123 - Canopy Species Sugar Maple Basswood	Red Oak	Size Class Log/Pole Log/Pole	Sawtimb DBI 10 11	er Well I Age	27.0 Sub-Car B Iro	97 nopy Species Beech onwood	81-110 Density Low High	<b>Avg. Height</b> 5 - 10 feet 5 - 10 feet	Sapling Sapling		
7	4123 - Canopy Species Sugar Maple Basswood Red Oak	Red Oak % Cover 12 10 65	Size Class Log/Pole Log/Pole Log/XLog	Sawtimb DBI 10 11 14	er Well	27.0 Sub-Car B Iro Wh	97 nopy Species Beech onwood nite Ash	81-110 Density Low High Medium	<b>Avg. Height</b> 5 - 10 feet 5 - 10 feet 5 - 10 feet	Sapling Sapling Sapling		
7	4123 - Canopy Species Sugar Maple Basswood Red Oak Paper Birch	Red Oak           Ø Cover           12           10           65           5	Size Class Log/Pole Log/Pole Log/XLog Log/Pole	Cawtimb DBF 10 11 14 11	er Well I Age	27.0 Sub-Car B Iro Wh	97 nopy Species Beech onwood	81-110 Density Low High	<b>Avg. Height</b> 5 - 10 feet 5 - 10 feet	Sapling Sapling		
7	4123 - Canopy Species Sugar Maple Basswood Red Oak Paper Birch Bigtooth Aspen	Red Oak	Size Class Log/Pole Log/Pole Log/XLog Log/Pole	Sawtimb DBI 10 11 14 11 14	er Well I Age	27.0 Sub-Car B Iro Wh	97 nopy Species Beech onwood nite Ash	81-110 Density Low High Medium	<b>Avg. Height</b> 5 - 10 feet 5 - 10 feet 5 - 10 feet	Sapling Sapling Sapling		
7	4123 - Canopy Species Sugar Maple Basswood Red Oak Paper Birch Bigtooth Aspen White Pine	Red Oak           Ø Cover           12           10           65           5	Size Class Log/Pole Log/Pole Log/XLog Log/Pole	Cawtimb DBF 10 11 14 11	97	27.0 Sub-Car B Iro Wh	97 hopy Species Beech nivood nite Ash ar Maple	81-110 Density Low High Medium	<b>Avg. Height</b> 5 - 10 feet 5 - 10 feet 5 - 10 feet	Sapling Sapling Sapling		
7	4123 - Canopy Species Sugar Maple Basswood Red Oak Paper Birch Bigtooth Aspen White Pine 6224 -	Red Oak	Size Class Log/Pole Log/XLog Log/Pole Log	Sawtimb DBH 10 11 14 11 14 10 Nonste	per Well <b>1 Age</b> 97 97 pocked r Mediu	27.0 Sub-Car B Iro Wh Suga 5.3	97 hopy Species Beech nivood nite Ash ar Maple	81-110 Density Low High Medium Medium	Avg. Height 5 - 10 feet 5 - 10 feet 5 - 10 feet >20 feet	Sapling Sapling Sapling	-past treatment- clearcut, some in section 28, nwnw	
7 8 9	4123 - Canopy Species Sugar Maple Basswood Red Oak Paper Birch Bigtooth Aspen White Pine 6224 - 6224 - 4130 Canopy Species	Red Oak	Size Class Log/Pole Log/XLog Log/Dole Log Log Dog Size Class	Sawtimb DBH 10 11 14 11 14 10 Nonste letimbe DBH	97 97 bocked	27.0 Sub-Car B Iro Wh Suga 5.3 n 17.3	97 hopy Species Beech nite Ash ar Maple	81-110 Density Low High Medium Medium Inspecified 1-50 Density	Avg. Height 5 - 10 feet 5 - 10 feet > 20 feet No	Sapling Sapling Sapling Sapling	-past treatment- clearcut, some in section 28, nwnw -acres cut-60 -completion date- 9/26/88	
7 8 9	4123 - Canopy Species Sugar Maple Basswood Red Oak Paper Birch Bigtooth Aspen White Pine 6224 - 4130 Canopy Species Quaking Aspen	Red Oak	Size Class Log/Pole Log/XLog Log/Pole Log Log	Sawtimb DBH 10 11 14 11 14 10 Nonste letimbe DBH	per Well <b>1 Age</b> 97 97 pocked r Mediu	27.0 Sub-Car B Iro Wh Suga 5.3 m 17.3 Sub-Car	97 nopy Species Beech nite Ash ar Maple U	81-110 Density Low High Medium Medium	Avg. Height 5 - 10 feet 5 - 10 feet >20 feet No	Sapling Sapling Sapling Sapling Sapling	-acres cut-60 -completion date- 9/26/88 -sale number- 54-002-84-01	
8	4123 - Canopy Species Sugar Maple Basswood Red Oak Paper Birch Bigtooth Aspen White Pine 6224 - 6224 - 4130 Canopy Species Quaking Aspen Sugar Maple	Red Oak	Size Class Log/Pole Log/XLog Log/Pole Log Log Size Class Pole/Sapling Pole/Sapling	Sawtimb DBI 10 11 14 14 10 Nonste Nonste DBI 6 6 6 6	per Well <b>1 Age</b> 97 97 pocked r Mediu	27.0 Sub-Car B Iro Wh Suga 5.3 m 17.3 Sub-Car Suga Bala	97 hopy Species Beech nite Ash ar Maple U 34 hopy Species ar Maple sam Fir	81-110 Density Low High Medium Medium Inspecified 1-50 Density	Avg. Height 5 - 10 feet 5 - 10 feet >20 feet No N/A Avg. Height	Sapling Sapling Sapling Sapling Sapling Sapling Sapling	-acres cut-60 -completion date- 9/26/88 -sale number- 54-002-84-01 -leave trees-	
57 58 59	4123 - Canopy Species Sugar Maple Basswood Red Oak Paper Birch Bigtooth Aspen White Pine 6224 - 4130 Canopy Species Quaking Aspen	Red Oak	Size Class Log/Pole Log/XLog Log/Pole Log Log Size Class Pole/Sapling	Sawtimb DBI 10 11 14 11 14 10 Nonste DBI 6 6 6 6 6 6 6	per Well <b>1 Age</b> 97 97 pocked r Mediu	27.0 Sub-Car B Iro Wh Suga 5.3 m 17.3 Sub-Car Suga Bala Re	97 hopy Species Beech inte Ash ar Maple U 34 hopy Species ar Maple	81-110 Density Low High Medium Medium Inspecified 1-50 Density Medium	Avg. Height 5 - 10 feet 5 - 10 feet >20 feet No No Avg. Height	Sapling Sapling Sapling Sapling Sapling	-acres cut-60 -completion date- 9/26/88 -sale number- 54-002-84-01	

	Δ	tlanta Mg	t. Unit				Repo	ort 7 – Sta	ands	Compartment: 34 Year of Entry: 2024	DNR	
Stand	Level 4 Co	over Type	S	ize De	nsity	Acres	Stand Age B	A Range	Managed S	Site	General Comments	A MICHIGAN
41	3303 - Mixed Lo	ow Density	Trees	Nonsto	ocked	5.8			No			
42	6120 - Lowland Cedar			Poletimber Well		ell 87.5	103	81-110	N/A		Part of the Green Swamp	
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size		
	Balsam Poplar	5	Log	13		Ba	alsam Fir	High	Variable	Sapling		
	Balsam Fir	15	Sapling/Pole	4		Т	ag Alder	Medium	5 - 10 feet	Tall Shrub		
	Black Spruce	15	Pole/Sapling	7		Re	ed Maple	Medium	Variable	Sapling		
	Tamarack	5	Pole	7		В	ack Ash	Medium	Variable	Sapling		
	Red Maple	3	Log/Pole	12								
No	rthern White Cedar	50	Pole/Sapling	7	103	1						
	White Spruce	5	Log	14								
	Paper Birch	2	Pole/Sapling	6								
43	6119 - Mixed Lowla	nd Deciduo	ous Forest Pole	timbe	r Medi	ium 9.6	47	51-80	N/A		Very wet.	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size		
	Red Maple	55	Pole/Sapling	7	-	-	ack Ash	Medium	Variable	Sapling		
		55 20	Pole/Sapling Pole	7	47 47	В		-	Variable Variable	Sapling Sapling		
	Red Maple			_	47	B	ack Ash	Medium		Sapling Sapling Sapling		
	Red Maple Quaking Aspen	20	Pole	8	47	B Ba Re	ack Ash alsam Fir	Medium Medium	Variable	Sapling		
	Red Maple Quaking Aspen Balsam Fir	20 10	Pole Pole/Sapling	8 7	47	B Ba Re	ack Ash alsam Fir ed Maple	Medium Medium Medium	Variable Variable	Sapling Sapling		
44	Red Maple Quaking Aspen Balsam Fir Paper Birch Black Spruce	20 10 10	Pole Pole/Sapling Pole/Sapling Pole/Sapling	8 7 7	47 47	B Ba Re T	ack Ash alsam Fir ed Maple	Medium Medium Medium	Variable Variable	Sapling Sapling	New stand added.	
44	Red Maple Quaking Aspen Balsam Fir Paper Birch Black Spruce	20 10 10 5	Pole Pole/Sapling Pole/Sapling Pole/Sapling	8 7 7 7 0letimb	47 47	B Ba Ra T T	ack Ash alsam Fir ed Maple ag Alder	Medium Medium Medium Medium	Variable Variable 5 - 10 feet	Sapling Sapling	1	
44	Red Maple Quaking Aspen Balsam Fir Paper Birch Black Spruce 4130 -	20 10 10 5 - Aspen	Pole Pole/Sapling Pole/Sapling Pole/Sapling	8 7 7 7 0letimb	47 47 er We	B Ba Ra T 58.1 Sub-Ca	ack Ash alsam Fir ed Maple ag Alder 44	Medium Medium Medium Medium	Variable Variable 5 - 10 feet N/A	Sapling Sapling Tall Shrub	1	
44	Red Maple Quaking Aspen Balsam Fir Paper Birch Black Spruce 4130 - Canopy Species	20 10 5 - Aspen <b>% Cover</b>	Pole Pole/Sapling Pole/Sapling Pole/Sapling Pole	8 7 7 7 oletimk	47 47 er We	B Ba Ra T T Sub-Ca Ir	ack Ash alsam Fir ed Maple ag Alder 44 mopy Species	Medium Medium Medium 51-80 Density	Variable Variable 5 - 10 feet N/A Avg. Height	Sapling Sapling Tall Shrub Size Sapling	1	
44	Red Maple Quaking Aspen Balsam Fir Paper Birch Black Spruce 4130 - Canopy Species Red Maple	20 10 5 - Aspen 10	Pole Pole/Sapling Pole/Sapling Pole/Sapling <b>Size Class</b> Pole/Sapling	8 7 7 7 0letimk <b>DBH</b> 6	47 47 er We	B B R T T Sub-Ca Ir W	ack Ash alsam Fir ed Maple ag Alder 44 anopy Species onwood	Medium Medium Medium 51-80 Density Medium	Variable Variable 5 - 10 feet N/A Avg. Height 10 - 20 feet	Sapling Sapling Tall Shrub	1	
44	Red Maple Quaking Aspen Balsam Fir Paper Birch Black Spruce 4130 - Canopy Species Red Maple Quaking Aspen	20 10 5 - Aspen 10 40	Pole Pole/Sapling Pole/Sapling Pole/Sapling <b>Size Class</b> Pole/Sapling Pole/Sapling	8 7 7 0letimk 0BH 6 7	47 47 er We	B B R T T 58.1 Sub-Ca Ir W R	ack Ash alsam Fir ed Maple ag Alder 44 anopy Species onwood hite Ash	Medium Medium Medium 51-80 <b>Density</b> Medium Medium	Variable Variable 5 - 10 feet N/A Avg. Height 10 - 20 feet 10 - 20 feet	Sapling Sapling Tall Shrub Size Sapling Sapling	1	
44	Red Maple Quaking Aspen Balsam Fir Paper Birch Black Spruce 4130 - Canopy Species Red Maple Quaking Aspen	20 10 5 - Aspen 10 40	Pole Pole/Sapling Pole/Sapling Pole/Sapling <b>Size Class</b> Pole/Sapling Pole/Sapling	8 7 7 0letimk 0BH 6 7	47 47 er We	B Ba Ra T 58.1 Sub-Ca Ir W Ra W	ack Ash alsam Fir ed Maple ag Alder 44 anopy Species onwood hite Ash ed Maple	Medium Medium Medium Medium 51-80 Density Medium Medium Medium	Variable Variable 5 - 10 feet N/A Avg. Height 10 - 20 feet 10 - 20 feet 10 - 20 feet	Sapling Sapling Tall Shrub Size Sapling Sapling Sapling	1	
44	Red Maple Quaking Aspen Balsam Fir Paper Birch Black Spruce 4130 - Canopy Species Red Maple Quaking Aspen Bigtooth Aspen	20 10 5 - Aspen 10 40	Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling	8 7 7 0letimk 0BH 6 7	47 47 er We 1 Age 44	B B R T T Sub-Ca Ir W R W Suy	ack Ash alsam Fir ed Maple ag Alder 44 anopy Species onwood hite Ash ed Maple hite Pine gar Maple	Medium Medium Medium 51-80 Density Medium Medium Medium Low	Variable Variable 5 - 10 feet N/A Avg. Height 10 - 20 feet 10 - 20 feet 10 - 20 feet Variable	Sapling Sapling Tall Shrub Size Sapling Sapling Sapling Sapling	1	
	Red Maple Quaking Aspen Balsam Fir Paper Birch Black Spruce 4130 - Canopy Species Red Maple Quaking Aspen Bigtooth Aspen	20 10 10 5 - Aspen 10 40 50 - Aspen	Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling	8 7 7 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	47 47 er We 1 Age 44	B B B C C C C C C C C C C C C C C C C C	ack Ash alsam Fir ed Maple ag Alder 44 anopy Species onwood hite Ash ed Maple hite Pine gar Maple	Medium Medium Medium 51-80 <b>Density</b> Medium Medium Medium Low High	Variable Variable 5 - 10 feet N/A Avg. Height 10 - 20 feet 10 - 20 feet 10 - 20 feet Variable 10 - 20 feet	Sapling Sapling Tall Shrub Size Sapling Sapling Sapling Sapling	1	
	Red Maple Quaking Aspen Balsam Fir Paper Birch Black Spruce 4130 - Canopy Species Red Maple Quaking Aspen Bigtooth Aspen At130 -	20 10 10 5 - Aspen 10 40 50 - Aspen	Pole Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling	8 7 7 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	47 47 er We 1 Age 44	B B B C C C C C C C C C C C C C C C C C	ack Ash alsam Fir ed Maple ag Alder 44 anopy Species onwood hite Ash ed Maple hite Pine gar Maple 47	Medium Medium Medium Medium 51-80 Density Medium Medium Medium Low High 81-110	Variable Variable 5 - 10 feet N/A Avg. Height 10 - 20 feet 10 - 20 feet Variable 10 - 20 feet N/A	Sapling Sapling Tall Shrub Size Sapling Sapling Sapling Sapling Sapling	1	
	Red Maple Quaking Aspen Balsam Fir Paper Birch Black Spruce 4130 - Canopy Species Red Maple Quaking Aspen Bigtooth Aspen 4130 - Canopy Species	20 10 10 5 - Aspen 10 40 50 - Aspen - Aspen % Cover	Pole Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Size Class	8 7 7 7 0 1 0 1 0 1 7 7 0 1 7 0 1 0 1 0 1	47 47 er We 1 Age 44	B B B C C C C C C C C C C C C C C C C C	ack Ash alsam Fir ed Maple ag Alder 44 anopy Species onwood hite Ash ed Maple hite Pine gar Maple 47 anopy Species	Medium Medium Medium 51-80 Density Medium Medium Medium Low High 81-110 Density	Variable Variable 5 - 10 feet N/A Avg. Height 10 - 20 feet 10 - 20 feet Variable 10 - 20 feet N/A Avg. Height	Sapling Sapling Tall Shrub Size Sapling Sapling Sapling Sapling Sapling	1	
	Red Maple Quaking Aspen Balsam Fir Paper Birch Black Spruce 4130 - Canopy Species Red Maple Quaking Aspen Bigtooth Aspen Bigtooth Aspen 4130 - Canopy Species Paper Birch	20 10 5 - Aspen % Cover 10 40 50 - Aspen - Aspen % Cover 10	Pole Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Size Class Pole/Sapling	8       7       7       7       0letimb       6       7       7	47 47 er We 1 Age 44	B B B C C C C C C C C C C C C C C C C C	ack Ash alsam Fir ed Maple ag Alder 44 44 44 44 44 44 44 44 44 44 44 44 44	Medium Medium Medium 51-80 Density Medium Medium Medium Low High 81-110 Density Low	Variable Variable 5 - 10 feet N/A Avg. Height 10 - 20 feet 10 - 20 feet 10 - 20 feet Variable 10 - 20 feet N/A Avg. Height 5 - 10 feet	Sapling Sapling Tall Shrub Size Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling	1	
	Red Maple Quaking Aspen Balsam Fir Paper Birch Black Spruce 4130 - Canopy Species Red Maple Quaking Aspen Bigtooth Aspen 4130 - Canopy Species Paper Birch Quaking Aspen	20 10 10 5 - Aspen √ Cover 10 50 - Aspen √ Cover 10 61	Pole Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Size Class Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling	8       7       7       0letimb       6       7       7	47 47 er We 1 Age 44	B B B C C C C C C C C C C C C C C C C C	ack Ash alsam Fir ed Maple ag Alder 44 anopy Species onwood hite Ash ed Maple hite Pine gar Maple 47 anopy Species ck Cherry ed Maple ack Ash	Medium       Medium       Medium       Medium       51-80       Density       Medium       Low       Low       Medium       Medium	Variable Variable 5 - 10 feet N/A Avg. Height 10 - 20 feet 10 - 20 feet 10 - 20 feet 10 - 20 feet Variable 10 - 20 feet S - 10 feet Variable	Sapling Sapling Tall Shrub Size Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling	1	
	Red Maple Quaking Aspen Balsam Fir Paper Birch Black Spruce 4130 - Canopy Species Red Maple Quaking Aspen Bigtooth Aspen 4130 - Canopy Species Paper Birch Quaking Aspen Balsam Fir	20 10 10 5 - Aspen 10 40 50 - Aspen - Aspen - Aspen - Aspen - 10 61 10 10	Pole Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Size Class Pole/Sapling Pole/Sapling Pole/Sapling	8       7       7       7       0letimk       6       7       7	47 47 er We 1 Age 44	B B B C C C C C C C C C C C C C C C C C	ack Ash alsam Fir ed Maple ag Alder 44 nopy Species onwood hite Ash ed Maple hite Pine gar Maple 47 nopy Species ck Cherry ed Maple	Medium       Medium       Medium       Medium       51-80       Density       Medium       Low       Medium       Low       Medium       Medium       Medium	Variable Variable 5 - 10 feet N/A Avg. Height 10 - 20 feet 10 - 20 feet 10 - 20 feet Variable 10 - 20 feet S - 10 feet Variable Variable	Sapling Sapling Tall Shrub Size Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling	1	

## Report 7 – Stands



DNR

_	4400 Others M'	d Hales d D			M. 12		54.00			Other states and an bill
7	4199 - Other Mixed						51-80	N/A	<u>.</u>	Steep slopes and on hill
	Canopy Species		Size Class		Age	Sub-Canopy Species		Avg. Height	Size	
	Sugar Maple	20	Log/Pole	12		Ironwood	Medium	Variable	Sapling	
	Bigtooth Aspen	30	Log/Pole	12 11		Red Maple	Medium	Variable	Sapling	
	Red Maple Red Oak	15	Log/Pole		05	Beech	Low	Variable	Sapling	
	Red Oak	35	Log/XLog	15	95	Sugar Maple	Medium	Variable	Sapling	
						Red Oak	Medium	Variable	Sapling	
48	3102 -	- Grass	I	Nonsto	ocked	11.4				
49	6132 - Mixed Lowla	nd Forest v	vith Cedar Sa	wtimb	er Well	5.9 110	81-110	N/A		-a lot of blowdown in south half-railroad grade splits stand e-w
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	
	Quaking Aspen	21	Log	13		Red Maple	Medium	Variable	Sapling	
	Balsam Fir	15	Pole	8		Black Cherry	Low	5 - 10 feet	Sapling	
No	rthern White Cedar	30	Log/Pole	10	110	Black Ash	Medium	Variable	Sapling	
	Red Maple	9	Pole/Log	9		Balsam Fir	Medium	Variable	Sapling	
	Paper Birch	10	Pole/Log	9				1	1	
	Balsam Poplar	15	Log	13						
50		ferous			/ledium	8.6 47	1-50	N/A		-very wet, looks like it was cut but growth is stagnant, very small diameters for age
50	Conit Canopy Species	ferous % Cover	Size Class	DBH	/ledium Age	Sub-Canopy Species	Density	Avg. Height	Size	
	Coni Canopy Species Black Spruce	ferous       % Cover       10	Size Class Sapling/Pole	<b>DB</b>		Sub-Canopy Species	Density Medium	Avg. Height < 5 feet	Tall Shrub	
	Coni Canopy Species Black Spruce rthern White Cedar	ferous       % Cover       10       5	Size Class Sapling/Pole Pole/Log	<b>DBH</b> 3 9		Sub-Canopy Species Tag Alder Balsam Fir	Density Medium Medium	Avg. Height < 5 feet Variable	Tall Shrub Sapling	
	Coni Canopy Species Black Spruce rthern White Cedar Quaking Aspen	ferous % Cover 10 5 15	Size Class Sapling/Pole Pole/Log Sapling/Pole	<b>DBH</b> 3 9 4	Age	Sub-Canopy Species	Density Medium	Avg. Height < 5 feet	Tall Shrub	
	Conir Canopy Species Black Spruce rthern White Cedar Quaking Aspen Red Maple	ferous % Cover 10 5 15 35	Size Class Sapling/Pole Pole/Log Sapling/Pole Sapling/Pole	<b>DBH</b> 3 9 4 3		Sub-Canopy Species Tag Alder Balsam Fir	Density Medium Medium	Avg. Height < 5 feet Variable	Tall Shrub Sapling	
	Conir Canopy Species Black Spruce rthern White Cedar Quaking Aspen Red Maple Balsam Fir	ferous <b>% Cover</b> 10 5 15 35 10	Size Class Sapling/Pole Pole/Log Sapling/Pole Sapling/Pole Sapling/Pole	DBH 3 9 4 3 3 3	<b>Age</b> 47	Sub-Canopy Species Tag Alder Balsam Fir	Density Medium Medium	Avg. Height < 5 feet Variable	Tall Shrub Sapling	
	Conir Canopy Species Black Spruce rthern White Cedar Quaking Aspen Red Maple	ferous % Cover 10 5 15 35	Size Class Sapling/Pole Pole/Log Sapling/Pole Sapling/Pole	<b>DBH</b> 3 9 4 3	Age	Sub-Canopy Species Tag Alder Balsam Fir	Density Medium Medium	Avg. Height < 5 feet Variable	Tall Shrub Sapling	
50 No 51	Coni Canopy Species Black Spruce rthern White Cedar Quaking Aspen Red Maple Balsam Fir Black Ash	ferous <b>% Cover</b> 10 5 15 35 10	Size Class Sapling/Pole Pole/Log Sapling/Pole Sapling/Pole Sapling	DBH           3           9           4           3           2	Age 47 47 Medium	Sub-Canopy Species Tag Alder Balsam Fir Black Ash	Density Medium Medium	Avg. Height < 5 feet Variable	Tall Shrub Sapling	
No	Coni Canopy Species Black Spruce Inthern White Cedar Quaking Aspen Red Maple Balsam Fir Black Ash 4123 - 1 Canopy Species	ferous           K Cover           10           5           15           35           10           25	Size Class Sapling/Pole Pole/Log Sapling/Pole Sapling/Pole Sapling	DBH 3 9 4 3 2 timber DBH	Age	Sub-Canopy Species Tag Alder Balsam Fir Black Ash	Density Medium Medium High	<b>Avg. Height</b> < 5 feet Variable Variable	Tall Shrub Sapling Sapling	diameters for age
No	Coni Canopy Species Black Spruce rthern White Cedar Quaking Aspen Red Maple Balsam Fir Black Ash 4123 - I	ferous           K Cover           10           5           15           35           10           25	Size Class Sapling/Pole Pole/Log Sapling/Pole Sapling/Pole Sapling Sapling	DBH 3 9 4 3 3 2 timber DBH 14	Age 47 47 Medium	Sub-Canopy Species Tag Alder Balsam Fir Black Ash	Density Medium Medium High 51-80 Density Medium	Avg. Height < 5 feet Variable Variable	Tall Shrub Sapling Sapling	diameters for age
No	Coni Canopy Species Black Spruce Inthern White Cedar Quaking Aspen Red Maple Balsam Fir Black Ash 4123 - 1 Canopy Species	ferous	Size Class Sapling/Pole Pole/Log Sapling/Pole Sapling/Pole Sapling Sapling Sapling Sapling	DBH 3 9 4 3 2 timber DBH	Age	Sub-Canopy Species Tag Alder Balsam Fir Black Ash 10.9 97 Sub-Canopy Species Sugar Maple Ironwood	Density Medium Medium High 51-80 Density	Avg. Height < 5 feet Variable Variable N/A Avg. Height	Tall Shrub Sapling Sapling Sapling Sapling Sapling	diameters for age
No	Coni Canopy Species Black Spruce rthern White Cedar Quaking Aspen Red Maple Balsam Fir Black Ash 4123 - 1 4123 - 1 Canopy Species Red Oak	ferous	Size Class Sapling/Pole Pole/Log Sapling/Pole Sapling/Pole Sapling Sapling Saw Size Class Log	DBH 3 9 4 3 3 2 timber DBH 14	Age	Sub-Canopy Species Tag Alder Balsam Fir Black Ash 10.9 97 Sub-Canopy Species Sugar Maple	Density Medium Medium High 51-80 Density Medium	Avg. Height < 5 feet Variable Variable N/A Avg. Height Variable	Tall Shrub Sapling Sapling Sapling	diameters for age

## Report 7 – Stands



E DNR

3	4199 - Other Mixe	d Upland D	eciduous Po	oletim	ber We	ell 17.8	48	51-80	N/A		
_	Canopy Species	% Cover	Size Class	DBH	H Age	Sub-	Canopy Specie	s Density	Avg. Height	Size	
	White Pine	1	XLog	22	-		Ironwood	High	10 - 20 feet	Sapling	
	Basswood	5	Pole/Sapling	6		5	ugar Maple	Medium	10 - 20 feet	Sapling	
	Red Oak	50	Pole/Sap/Log	6	48		Red Oak	Low	10 - 20 feet	Sapling	
	Sugar Maple	20	Pole/Sapling	5			Red Maple	Medium	10 - 20 feet	Sapling	
	Paper Birch	5	Pole/Sapling	6							
	Red Maple	10	Pole/Sapling	5							
	Ironwood	9	Sapling/Pole	4		-					
4	4123 -	Red Oak	Sa	awtimt	ber We	II 19.3	109	111-140	N/A		-weak crowns in c34 to west-smaller diameter oak for age due to lacl
-	Canopy Species	% Cover	Size Class	DBł	H Age	Sub-	Canopy Specie	s Density	Avg. Height	Size	past thinning
	Sugar Maple	10	Pole/Log	8			Ironwood	Medium	Variable	Sapling	
	Red Oak	90	Log/Pole	12	109	5	ugar Maple	Medium	>20 feet	Sapling	
55	3102	- Grass	I	Nonst	ocked	1.0		Unspecified			
	3102 4111 - S.Maple, H	_		Nonste awtimt				Unspecified 51-80	N/A		Poor site quality. Trees are of lesser value. Steep slopes.
	4111 - S.Maple, H Canopy Species	ard Mast As % Cover		awtimt		ll 71.9	89 Canopy Specie	51-80 s Density	N/A Avg. Height	Size	Poor site quality. Trees are of lesser value. Steep slopes.
	4111 - S.Maple, H Canopy Species Basswood	ard Mast As <b>% Cover</b> 20	ssociation Sa Size Class Pole/Log	awtimk DBH	ber We	ll 71.9	89 <b>Canopy Specie</b> Beech	51-80 s Density Medium	<b>Avg. Height</b> Variable	Sapling	Poor site quality. Trees are of lesser value. Steep slopes.
	4111 - S.Maple, H Canopy Species Basswood Red Oak	ard Mast As % Cover 20 35	Size Class Pole/Log Log/Pole	awtimk DBH 7 13	ber We	ll 71.9	89 Canopy Specie	51-80 s Density	Avg. Height		Poor site quality. Trees are of lesser value. Steep slopes.
	4111 - S.Maple, H Canopy Species Basswood Red Oak Paper Birch	ard Mast As % Cover 20 35 5	Sociation Sa Size Class Pole/Log Log/Pole Pole/Log	awtimb DBH 7 13 9	ber We	ll 71.9	89 <b>Canopy Specie</b> Beech	51-80 s Density Medium	<b>Avg. Height</b> Variable	Sapling	Poor site quality. Trees are of lesser value. Steep slopes.
	4111 - S.Maple, H Canopy Species Basswood Red Oak	ard Mast As % Cover 20 35	Size Class Pole/Log Log/Pole	awtimk DBH 7 13	ber We	ll 71.9	89 <b>Canopy Specie</b> Beech	51-80 s Density Medium	<b>Avg. Height</b> Variable	Sapling	Poor site quality. Trees are of lesser value. Steep slopes.
56	4111 - S.Maple, H Canopy Species Basswood Red Oak Paper Birch Sugar Maple	ard Mast As % Cover 20 35 5	Sociation Sa Size Class Pole/Log Log/Pole Log/Pole	awtimb DBH 7 13 9	Der We	ll 71.9	89 <b>Canopy Specie</b> Beech	51-80 s Density Medium	<b>Avg. Height</b> Variable	Sapling	Poor site quality. Trees are of lesser value. Steep slopes.
56	4111 - S.Maple, H Canopy Species Basswood Red Oak Paper Birch Sugar Maple 3102	ard Mast As <b>% Cover</b> 20 35 5 40	Sociation Sa Size Class Pole/Log Log/Pole Log/Pole	<b>DBH</b> 7 13 9 10	er We H Age 89 ocked	0.9	89 Canopy Specie Beech Ironwood	51-80 s Density Medium	<b>Avg. Height</b> Variable	Sapling	-past treatment- thinning to 70-90 BA (see treatment MIFI lineage for
56	4111 - S.Maple, H Canopy Species Basswood Red Oak Paper Birch Sugar Maple 3102	ard Mast As <b>Cover</b> 20 35 5 40 - Grass Red Oak	Sociation Sa Size Class Pole/Log Log/Pole Log/Pole	awtimb DBH 7 13 9 10 Nonste	er We H Age 89 ocked	II 71.9 Sub- 0.9	89 Canopy Specie Beech Ironwood	51-80 <b>5 Density</b> Medium High 81-110	Avg. Height Variable Variable	Sapling	-past treatment- thinning to 70-90 BA (see treatment MIFI lineage for more information)
56	4111 - S.Maple, H Canopy Species Basswood Red Oak Paper Birch Sugar Maple 3102 4123 -	ard Mast As <b>Cover</b> 20 35 5 40 - Grass Red Oak	Sociation Sa Size Class Pole/Log Log/Pole Log/Pole	awtimb DBH 7 13 9 10 Nonste	ber We	II 71.9 Sub- 0.9 II 20.4 Sub-	89 Canopy Specie Beech Ironwood 97	51-80 <b>5 Density</b> Medium High 81-110	Avg. Height Variable Variable N/A	Sapling Sapling	-past treatment- thinning to 70-90 BA (see treatment MIFI lineage for more information) -completion date- 2014 -sale number- 54-013-13-01
56	4111 - S.Maple, H Canopy Species Basswood Red Oak Paper Birch Sugar Maple 3102 4123 - Canopy Species	ard Mast As <b>% Cover</b> 20 35 5 40 - Grass Red Oak <b>% Cover</b>	Sociation Sa Size Class Pole/Log Log/Pole Log/Pole Log/Pole Size Class	awtimb DBH 7 13 9 10 Nonsta awtimb	oer Wa <b>Age</b> 89 ocked oer Wa <b>H Age</b>	II 71.9 Sub- 0.9 II 20.4 Sub-	89 Canopy Specie Beech Ironwood 97 Canopy Specie	51-80 <b>s Density</b> Medium High 81-110 <b>s Density</b> Medium	Avg. Height Variable Variable N/A Avg. Height	Sapling Sapling Size	-past treatment- thinning to 70-90 BA (see treatment MIFI lineage for more information) -completion date- 2014 -sale number- 54-013-13-01 -leave trees- green painted beech and ash, 80BA
56	4111 - S.Maple, H Canopy Species Basswood Red Oak Paper Birch Sugar Maple 3102 4123 - 4123 - Canopy Species Basswood	ard Mast As	ssociation Sa Size Class Pole/Log Log/Pole Log/Pole Log/Pole Sa Sa Size Class	awtimb DBH 7 13 9 10 Nonste awtimb DBH 12	oer Wa <b>Age</b> 89 ocked oer Wa <b>H Age</b>	II 71.9 Sub- 0.9 II 20.4 Sub-	89 Canopy Specie Beech Ironwood 97 Canopy Specie White Ash	51-80 <b>s Density</b> Medium High 81-110 <b>s Density</b> Medium	Avg. Height Variable Variable N/A Avg. Height 5 - 10 feet	Sapling Sapling Size Sapling	-past treatment- thinning to 70-90 BA (see treatment MIFI lineage for more information) -completion date- 2014 -sale number- 54-013-13-01
56	4111 - S.Maple, H Canopy Species Basswood Red Oak Paper Birch Sugar Maple 3102 4123 - 4123 - Canopy Species Basswood Red Oak	ard Mast As	ssociation Sa Size Class Pole/Log Log/Pole Log/Pole Sa Size Class Log/Pole Log/Pole Log/Pole	awtimt <b>DBH</b> 7 13 9 10 Nonsta awtimt <b>DBH</b> 12 17	oer Wa <b>Age</b> 89 ocked oer Wa <b>H Age</b>	II 71.9 Sub- 0.9 II 20.4 Sub-	89 Canopy Specie Beech Ironwood 97 97 Canopy Specie White Ash berry/Raspberry	51-80 S Density Medium High 81-110 S Density Medium Medium	Avg. Height Variable Variable N/A Avg. Height 5 - 10 feet < 5 feet	Sapling Sapling Size Sapling Tall Shrub	-past treatment- thinning to 70-90 BA (see treatment MIFI lineage for more information) -completion date- 2014 -sale number- 54-013-13-01 -leave trees- green painted beech and ash, 80BA
55 56 57 58	4111 - S.Maple, H Canopy Species Basswood Red Oak Paper Birch Sugar Maple 3102 4123 - 4123 - Canopy Species Basswood Red Oak	ard Mast As	ssociation Sa Size Class Pole/Log Log/Pole Log/Pole Sa Size Class Log/Pole Log/Pole Log/Pole	awtimt <b>DBH</b> 7 13 9 10 Nonsta awtimt <b>DBH</b> 12 17	oer Wa <b>Age</b> 89 ocked oer Wa <b>H Age</b>	II 71.9 Sub- 0.9 II 20.4 Black	89 Canopy Specie Beech Ironwood 97 Canopy Specie White Ash berry/Raspberry Beech	51-80 s Density Medium High 81-110 s Density Medium Medium Medium	Avg. Height Variable Variable N/A Avg. Height 5 - 10 feet 5 - 10 feet	Sapling Sapling Size Sapling Tall Shrub Sapling	-past treatment- thinning to 70-90 BA (see treatment MIFI lineage to more information) -completion date- 2014 -sale number- 54-013-13-01 -leave trees- green painted beech and ash, 80BA -cut volume (cds)-

## Report 7 – Stands



		0' D		Acres Stand Age BA Range Managed Site					Year of Entry: 2024		
tand		over Type		Size De	nsity		C C	•	•	oite	General Comments
60	4199 - Other Mixe	d Upland D	Deciduous	Sawtimb		86.1	94	81-110	N/A		_
	Canopy Species		Size Class		Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Oak	35	Log/XLog		94		onwood	High	10 - 20 feet	Sapling	
	Bigtooth Aspen	5	Log	12			gar Maple	Medium	>20 feet	Sapling	
	Basswood	15	Log/Pole	13		R	ed Oak	Low	Variable	Sapling	
	Paper Birch	5	Pole/Log	9		Re	ed Maple	Low	>20 feet	Sapling	
	Sugar Maple	40	Log/Pole	11	94						
61	4110 - Sugar N	/laple Asso	ciation	Sawtimb	er Well	20.1	95	81-110	N/A		-past treatment- thinning to 70-90 BA (see treatment MIFI lineage for
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	more information) -completion date- 2014
	Sugar Maple	55	Log/Pole		95		gar Maple	Low	< 5 feet	Sapling	-sale number- 54-013-13-01
	Basswood	25	Log/Pole	12		Ire	onwood	High	< 5 feet	Sapling	-leave trees- green painted beech and ash, 80BA
	Red Oak	20	XLog/Log	19		Blackbe	rry/Raspberry	Medium	< 5 feet	Tall Shrub	cut volume (cds)-
							hite Ash	Medium	< 5 feet	Sapling	-more red oak and smaller diameter and higher BA in west 1/2
						I	Beech	Medium	5 - 10 feet	Sapling	
62	4123 -	Red Oak		Sawtimb	er Well	7.4	99	51-80	N/A	1	-past treatment- selection, cut orange trees to 80ba (see treatment M
-	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	lineage for more information)-acres cut- 79-completion date- 1997-
	Sugar Maple	15	Log/Pole				ar Maple	Medium	5 - 10 feet	Sapling	sale number- 54-005-95-01-leave treescut volume (cds)- 26 sm, 74 bsw, 38 ro, 270 mhwd-past treatment- thinning to 70-90 BA-
	Basswood	15	Log/Pole	12		l	Beech	Medium	5 - 10 feet	Sapling	completion date- 2014-sale number- 54-013-13-01-leave trees- greer
	Red Oak	65	XLog/Log	19	99	Irc	onwood	Medium	5 - 10 feet	Sapling	painted beech and ash, 80BA-cut volume (cds)-
	Paper Birch	5	Log/Pole	12		W	hite Ash	High	5 - 10 feet	Sapling	
						Н	emlock	Low	Variable	Log	
63	3102	- Grass		Nonsto	ocked	1.2	U	Inspecified	No		
64	3102	- Grass		Nonsto	ocked	1.6	U	Inspecified			
	4120 Aspen	Mixed Deel	iduquq	Conline	. \\/_!!	20.0	20	4.50	N1/A		
65	4139 - Aspen,			Sapling		30.8	28	1-50	N/A	0'	-past treatment- clearcut, contract not totally cut, looks like triangle in middle left-acres cut- 32-completion date- 8/8/95-sale number- 54-
	Canopy Species		Size Class		Age		nopy Species		Avg. Height	Size	005-94-01-leave trees- green painted trees-cut volume (cds)- 108 ro,
	Bigtooth Aspen	45	Sapling/Po		28	Ire	onwood	Medium	10 - 20 feet	Sapling	290 bta, 384 mhwd-more nhwd in middle of stand and aspen in south half
	Red Maple	10	Sapling	3							nan
	Ironwood	5	Sapling	3							
	White Ash	5	Sapling	3							
	Red Oak	15	Sapling/Po								
	Sugar Maple	20	Sapling	3							
					-						

## Report 7 – Stands



Stand	Level 4 Cover Type Size Density		cover Type Size Density Acres Stand Age BA Range Managed Site				Site	General Comments			
67	6239 - Mixed E	Emergent W	etland I	Nonsto	ocked	11.2			No		-cedar snags in north half
68	3102	- Grass	I	Nonsto	ocked	1.1	ι	Jnspecified			
69	4123 -	Red Oak	Sa	awtimb	er Well	15.0	109	81-110	N/A		steep slopes
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Bigtooth Aspen	5	Log/Pole	12		E	Beech	Low	10 - 20 feet	Sapling	
	Red Oak	70	Log/Pole/XLog	13	109	Re	d Maple	Low	10 - 20 feet	Sapling	
	Basswood	10	Log/Pole	12		Sug	ar Maple	Medium	>20 feet	Sapling	
	Sugar Maple	15	Log/Pole	11		Re	ed Oak	Low	10 - 20 feet	Sapling	
						Irc	onwood	High	10 - 20 feet	Sapling	]
70	4123 -	Red Oak	Sa	awtimb	er Well	109.0	103	111-140	N/A		
	<b>Canopy Species</b>	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	]
	Red Maple	1	Log	15		E	Beech	Low	Variable	Sapling	
	Sugar Maple	8	Pole/Log	9		He	emlock	Low	>20 feet	Log	
	Basswood	18	Log/Pole	11		Irc	onwood	High	10 - 20 feet	Sapling	
	Beech	2	XLog	24		Wł	nite Ash	Medium	10 - 20 feet	Sapling	
	Red Oak	68	Log	14	103	Sug	ar Maple	Medium	>20 feet	Sapling	
	Bigtooth Aspen	3	Log	14				·			-
71	3104 -	Degraded	I	Nonsto	ocked	11.3			No		
72	4199 - Other Mixe	ed Upland D	eciduous Sa	awtimb	er Well	23.1	98	51-80	N/A		-past treatment- thinning to 70-90 BA (see treatment MIFI lineage for
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	more information)-completion date- 2014-sale number- 54-013-13- 01-leave trees- green painted beech and ash, 70+BA-cut volume
	Red Oak	55	Log/Pole/XLog		98		ar Maple	Low	Variable	Sapling	(cds)higher amount of red oak in south, heavy browse on ash-
	Hemlock	5	Log	12		E	Beech	Medium	< 5 feet	Sapling	poorly thinned in south 1/4, 110-140; heavily thinned in north 3/4, 50-80
	Paper Birch	3	Pole/Log	9		Wł	nite Ash	High	< 5 feet	Sapling	
	Basswood	17	Log/Pole	11		Irc	onwood	Medium	< 5 feet	Sapling	
	Sugar Maple	20	Pole/Log	9		Blackber	rry/Raspberry	High	< 5 feet	Tall Shrub	2
73	4111 - S.Maple, H	ard Mast A	ssociation Sa	awtimb	er Well	29.3	99	81-110	N/A		-past treatment- selection, cut orange trees to 80ba (see treatment MIF
-	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	lineage for more information)-acres cut- 79-completion date- 1997- sale number- 54-005-95-01-leave treescut volume (cds)- 26 sm, 74
	Red Oak	30	XLog/Log	19			ar Maple	Medium	5 - 10 feet	Sapling	bsw, 38 ro, 270 mhwd-past treatment- thinning to 70-90 BA-
	Basswood	20	Log/Pole	11			Beech	Medium	5 - 10 feet	Sapling	completion date- 2014-sale number- 54-013-13-01-leave trees- green
	Paper Birch	5	Log/Pole	12			emlock	Low	Variable	Log	painted beech and ash, 80BA-cut volume (cds)-small oak
	Sugar Maple	45	Log/Pole	12	99		nwood	Medium	5 - 10 feet	Sapling	stand55% 17 in oak, 10% 13in bsw, 35% 11in sm, high 5-10 ironwood, high wa 5-10, m 5-10 bch, m sm greater 20ft
			5							9	

#### Report 7 – Stands

Compartment: 34 Year of Entry: 2024

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Stand	Level 4 Cover Type			Size Density		Acres	Stand Age B	A Range	Managed Site		General Comments
75	3102	3102 - Grass		Nonstocked		1.1					This is a producing well. Permit #: 44524, Name: STATE VIENNA 9-32
76	3104 -	3104 - Degraded Nonstocked			5.2					STATE VIENNA 1-32 CPF. This one-well wonder is Niagaran, not Antr	
77	330 - Low-I	v-Density Trees		Nonstocked		44.0	0 Ur	nspecified	Managed Opening		-closed sale 6/28/16, tops were skid and chipped -Variance approved 3/24/20
78	4110 - Sugar M	laple Asso	ciation	Sawtimber Well		59.6	95	51-80	N/A		-past treatment- thinning to 70-90 BA (see treatment MIFI lineage for
	Canopy Species	% Cover	Size Class	s DBH Ag		Sub-Ca	nopy Species	Density	Avg. Height	Size	more information)-completion date- 2014-sale number- 54-013-13- 01-leave trees- green painted beech and ash, 70BA-cut volume (cds)-
	Sugar Maple	55	Log/Pole	11	95	E	Beech		ium 5 - 10 feet	Sapling	
	Red Oak	20	XLog/Log	19		Blackber	rry/Raspberry	Medium	< 5 feet	Tall Shrub	-more red oak and smaller diameter and higher BA in west 1/2
	Basswood	25	Log/Pole	12		Wł	nite Ash	Medium	< 5 feet	Sapling	
						Sug	ar Maple	Low	< 5 feet	Sapling	
						Irc	onwood	High	< 5 feet	Sapling	
-		- Grass		Nonsto		1.2		nspecified		-	J
-	4110 - Sugar M	laple Asso	ciation Size Class	Sawtimb		1.2 17.9	96	51-80	N/A Avg. Height	Size	-past treatment- thinning to 70-90 BA (see treatment MIFI lineage for more information)
-		laple Asso		Sawtimb	er Well	1.2 17.9 <b>Sub-Ca</b>		51-80	N/A Avg. Height < 5 feet	<b>Size</b> Sapling	
-	4110 - Sugar M Canopy Species	/laple Asso % Cover	Size Class	Sawtimb DBF	er Well	1.2 17.9 <b>Sub-Ca</b>	96 nopy Species	51-80 Density	Avg. Height		more information) -completion date- 2014 -sale number- 54-013-13-01 -leave trees- green painted beech and ash
79 80	4110 - Sugar M Canopy Species Basswood	Maple Assoc % Cover 35	Size Class Log/Pole	Sawtimb DBH	er Well I <b>Age</b>	1.2 17.9 <b>Sub-Ca</b> E	96 <b>nopy Species</b> Beech	51-80 Density Medium	Avg. Height < 5 feet	Sapling	more information) -completion date- 2014 -sale number- 54-013-13-01 -leave trees- green painted beech and ash cut volume (cdc)
-	4110 - Sugar M Canopy Species Basswood Sugar Maple	Maple Association Associatio Association Association Association Association Association A	Size Class Log/Pole Log/Pole	Sawtimb DBF 12 11	er Well I <b>Age</b>	1.2 17.9 Sub-Car E Wt Blackber	96 nopy Species Beech hite Ash	51-80 Density Medium High	Avg. Height < 5 feet < 5 feet	Sapling Sapling	more information) -completion date- 2014 -sale number- 54-013-13-01 -leave trees- green painted beech and ash cut volume (cdc)
-	4110 - Sugar M Canopy Species Basswood Sugar Maple	Maple Association Associatio Association Association Association Association Association A	Size Class Log/Pole Log/Pole	Sawtimb DBF 12 11	er Well I <b>Age</b>	1.2 17.9 Sub-Car E Wł Blackber Irc	96 nopy Species Beech hite Ash rry/Raspberry	51-80 Density Medium High High	Avg. Height < 5 feet < 5 feet 5 - 10 feet	Sapling Sapling Tall Shrub	more information) -completion date- 2014 -sale number- 54-013-13-01 -leave trees- green painted beech and ash cut volume (cdc)
80	4110 - Sugar M Canopy Species Basswood Sugar Maple	Maple Association of the format oo the forma	Size Class Log/Pole Log/Pole Log/XLog	Sawtimb DBH 12 11 15	er Well Age 96	1.2 17.9 Sub-Car E Wł Blackber Irc Sug	96 nopy Species Beech hite Ash rry/Raspberry onwood	51-80 Density Medium High High Medium	Avg. Height           < 5 feet	Sapling Sapling Tall Shrub Sapling	more information) -completion date- 2014 -sale number- 54-013-13-01 -leave trees- green painted beech and ash -cut volume (cds)- -past treatment- selection, cut orange trees to 80ba (see treatment MIF
80	4110 - Sugar M Canopy Species Basswood Sugar Maple Red Oak	Maple Association <b>% Cover</b> 35 50 15 ard Mast Association	Size Class Log/Pole Log/Pole Log/XLog	Sawtimb DBH 12 11 15 awtimber	er Well Age 96	1.2 17.9 Sub-Caa E WH Blackber Irc Sug n 21.6	96 nopy Species Beech hite Ash rry/Raspberry onwood ar Maple	SI-80 Density Medium High High Medium Low	Avg. Height           < 5 feet	Sapling Sapling Tall Shrub Sapling	more information) -completion date- 2014 -sale number- 54-013-13-01 -leave trees- green painted beech and ash -cut volume (cds)-
80	4110 - Sugar M Canopy Species Basswood Sugar Maple Red Oak 4111 - S.Maple, Ha	Maple Association <b>% Cover</b> 35 50 15 ard Mast Association	Size Class Log/Pole Log/Pole Log/XLog	Sawtimb DBH 12 11 15 awtimber	er Well Age 96	1.2 17.9 Sub-Car Blackber Irc Sug n 21.6 Sub-Car	96 nopy Species Beech hite Ash rry/Raspberry onwood ar Maple 99	51-80 Density Medium High High Medium Low 1-50	Avg. Height < 5 feet < 5 feet 5 - 10 feet < 5 feet Variable N/A	Sapling Sapling Tall Shrub Sapling Sapling	more information) -completion date- 2014 -sale number- 54-013-13-01 -leave trees- green painted beech and ash -cut volume (cds)- -past treatment- selection, cut orange trees to 80ba (see treatment MIF lineage for more information) -acres cut- 79 -completion date- 1997
80	4110 - Sugar M Canopy Species Basswood Sugar Maple Red Oak 4111 - S.Maple, Ha Canopy Species	Maple Assoc % Cover 35 50 15 ard Mast As % Cover	Size Class Log/Pole Log/XLog ssociation Sa Size Class	Sawtimb DBH 12 11 15 awtimber DBH	er Well Age 96 Medium	1.2 17.9 Sub-Car Blackber Blackber Irc Sug n 21.6 Sub-Car Wh	96 nopy Species Beech hite Ash rry/Raspberry prwood ar Maple 99 nopy Species	51-80 Density Medium High High Medium Low 1-50 Density	Avg. Height < 5 feet < 5 feet 5 - 10 feet < 5 feet Variable N/A Avg. Height	Sapling Sapling Tall Shrub Sapling Sapling Size	more information) -completion date- 2014 -sale number- 54-013-13-01 -leave trees- green painted beech and ash -cut volume (cds)- -past treatment- selection, cut orange trees to 80ba (see treatment MIF lineage for more information) -acres cut- 79 -completion date- 1997 -sale number- 54-005-95-01
-	4110 - Sugar M Canopy Species Basswood Sugar Maple Red Oak 4111 - S.Maple, Ha Canopy Species Sugar Maple	Maple Assort <b>Cover</b> 35 50 15 ard Mast Assort <b>Cover</b> 55	Size Class Log/Pole Log/XLog ssociation Sa Size Class Log/Pole	Sawtimb DBH 12 11 15 awtimber DBH 12	er Well Age 96 Medium	1.2 17.9 Sub-Cat Blackber Irc Sug n 21.6 Sub-Cat Wt Sug	96 nopy Species Beech nite Ash rry/Raspberry onwood ar Maple 99 nopy Species nite Ash	51-80 Density Medium High High Medium Low 1-50 Density High	Avg. Height           < 5 feet	Sapling Sapling Tall Shrub Sapling Sapling Size Sapling	more information) -completion date- 2014 -sale number- 54-013-13-01 -leave trees- green painted beech and ash -cut volume (cds)- -past treatment- selection, cut orange trees to 80ba (see treatment MIF lineage for more information) -acres cut- 79 -completion date- 1997
80	4110 - Sugar M Canopy Species Basswood Sugar Maple Red Oak 4111 - S.Maple, Ha Canopy Species Sugar Maple Basswood	Maple Assor	Size Class Log/Pole Log/XLog ssociation Sa Size Class Log/Pole Log/Pole	Sawtimb DBH 12 11 15 awtimber DBH 12 11	er Well Age 96 Medium	1.2 17.9 Sub-Caa Blackber Blackber Sug n 21.6 Sub-Caa WH Sug He Sug	96 nopy Species Beech hite Ash rry/Raspberry powood ar Maple 99 nopy Species hite Ash ar Maple	51-80 ■ Medium Medium High Medium I High 1-50 ■ Density High Medium	Avg. Height < 5 feet 5 - 10 feet < 5 feet Variable N/A Avg. Height 5 - 10 feet 5 - 10 feet	Sapling Sapling Tall Shrub Sapling Sapling Sapling Sapling	more information) -completion date- 2014 -sale number- 54-013-13-01 -leave trees- green painted beech and ash -cut volume (cds)- -past treatment- selection, cut orange trees to 80ba (see treatment MIF lineage for more information) -acres cut- 79 -completion date- 1997 -sale number- 54-005-95-01 -leave trees-

#### Report 7 – Stands

Compartment: 34 Year of Entry: 2024

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tand	Level 4 C		Size Density			Acres Stand Age BA Range			Site	General Comments		
83	4123 - Red Oak			Sawtimber Well				81-110	Managed Site		-past treatment- thinning to 70-90 BA (see treatment MIFI lineage for	
00			Size Class				anopy Species	Density	Avg. Height	Size	more information)	
	Sugar Maple	15	Log/Pole	11	790		ar Maple	Low	5 - 10 feet	Sapling	-completion date- 2014 -sale number- 54-013-13-01	
	Basswood	10	Log/Pole	12		Beech		Low	< 5 feet	Sapling	-leave trees- green painted beech and ash, 80BA	
	Red Oak	75	Log/XLog	0			nwood Medium	5 - 10 feet	Sapling	-cut volume (cds)-		
							lite Ash	Medium	5 - 10 feet	Sapling		
35	4123 -	Red Oak	S	Sawtimber Well		7.3 103 8		81-110	N/A		-broke out area from adjacent parent stand 70	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	-lower variable BA and lower quality for this area due to ash dying out	
	Red Maple	1	Log	15		В	leech	Low	Variable	Sapling		
	Basswood	18	Log/Pole	11		Suga	ar Maple	Medium	>20 feet	Sapling		
	Beech	2	XLog	24		Wh	ite Ash	Medium	10 - 20 feet	Sapling		
	Red Oak	68	Log	14	103	He	emlock	Low	>20 feet	Log		
	Bigtooth Aspen	3	Log	14		Iro	nwood	High	10 - 20 feet	Sapling		
	Sugar Maple	8	Pole/Log	9	L							
86	310 - Herbac	eous Open	land	Nonsto	cked	1.2	0 U	nspecified	No		-past treatment- clearcut, cut all trees except oak over 2", winter harve only for aspen -acres cut- 21 -completion date- 8/8/95 -sale number- 54-013-94-01	
86	310 - Herbac	ceous Open	land	Nonsto	cked	1.2	0 U	nspecified	No		only for aspen -acres cut- 21 -completion date- 8/8/95	
	310 - Herbac 6124 - Lowia			Nonsto Poletimbe		1.2	0 U 83	nspecified 51-80	No N/A		-acres cut- 21 -completion date- 8/8/95 -sale number- 54-013-94-01 -leave trees- green painted trees and no rp or wp under 4 inches dbh	
		and Spruce			er Well <b>Age</b>	8.3		51-80		Size	only for aspen -acres cut- 21 -completion date- 8/8/95 -sale number- 54-013-94-01 -leave trees- green painted trees and no rp or wp under 4 inches dbh -cut volume (cds)- 291 ma, 131 mhwd	
37	6124 - Lowla	and Spruce % Cover 35	-Fir P	Poletimbe DBH	er Well	8.3 Sub-Can	83	51-80	N/A	Size Sapling	only for aspen -acres cut- 21 -completion date- 8/8/95 -sale number- 54-013-94-01 -leave trees- green painted trees and no rp or wp under 4 inches dbh -cut volume (cds)- 291 ma, 131 mhwd	
37	6124 - Lowia Canopy Species	and Spruce % Cover	Fir P Size Class	Poletimbe DBH	er Well <b>Age</b>	8.3 Sub-Can Bals	83 Nopy Species	51-80 Density	N/A Avg. Height		only for aspen -acres cut- 21 -completion date- 8/8/95 -sale number- 54-013-94-01 -leave trees- green painted trees and no rp or wp under 4 inches dbh -cut volume (cds)- 291 ma, 131 mhwd	
87	6124 - Lowia <b>Canopy Species</b> rthern White Cedar	and Spruce % Cover 35	-Fir P Size Class Pole/Log	Poletimbe DBH	er Well <b>Age</b>	8.3 Sub-Can Bals Black	83 <b>hopy Species</b> sam Fir	51-80 Density Medium	N/A <b>Avg. Height</b> Variable	Sapling	only for aspen -acres cut- 21 -completion date- 8/8/95 -sale number- 54-013-94-01 -leave trees- green painted trees and no rp or wp under 4 inches dbh -cut volume (cds)- 291 ma, 131 mhwd Part of the Green Swamp	
87	6124 - Lowa Canopy Species Inthern White Cedar Red Maple Paper Birch Black Spruce	and Spruce	F-Fir P Size Class Pole/Log Pole Pole Pole	Poletimbe DBH 9 6 6 6 7	er Well <b>Age</b>	8.3 Sub-Can Bala Blacl Tag	83 hopy Species sam Fir k Spruce	51-80 Density Medium Medium	N/A <b>Avg. Height</b> Variable Variable	Sapling Sapling	only for aspen -acres cut- 21 -completion date- 8/8/95 -sale number- 54-013-94-01 -leave trees- green painted trees and no rp or wp under 4 inches dbh -cut volume (cds)- 291 ma, 131 mhwd Part of the Green Swamp	
87	6124 - Lowa Canopy Species rthern White Cedar Red Maple Paper Birch Black Spruce Balsam Poplar	and Spruce <b>% Cover</b> 35 5 40 5	Fir P Size Class Pole/Log Pole Pole	Poletimbe DBH 9 6 6 6 7 6	er Well Age 103	8.3 Sub-Can Bala Blacl Tag	83 nopy Species sam Fir k Spruce g Alder	51-80 Density Medium Medium Medium	N/A Avg. Height Variable Variable 5 - 10 feet	Sapling Sapling Tall Shrub	only for aspen -acres cut- 21 -completion date- 8/8/95 -sale number- 54-013-94-01 -leave trees- green painted trees and no rp or wp under 4 inches dbh -cut volume (cds)- 291 ma, 131 mhwd Part of the Green Swamp	
87	6124 - Lowa Canopy Species Inthern White Cedar Red Maple Paper Birch Black Spruce	and Spruce	F-Fir P Size Class Pole/Log Pole Pole Pole	Poletimbe DBH 9 6 6 6 7	er Well Age 103	8.3 Sub-Can Bala Blacl Tag	83 nopy Species sam Fir k Spruce g Alder	51-80 Density Medium Medium Medium	N/A Avg. Height Variable Variable 5 - 10 feet	Sapling Sapling Tall Shrub	only for aspen -acres cut- 21 -completion date- 8/8/95 -sale number- 54-013-94-01 -leave trees- green painted trees and no rp or wp under 4 inches dbh -cut volume (cds)- 291 ma, 131 mhwd Part of the Green Swamp	
87 No	6124 - Lowa Canopy Species rthern White Cedar Red Maple Paper Birch Black Spruce Balsam Poplar Balsam Fir 4123 -	and Spruce <b>Cover</b> 35 5 40 5 10 Red Oak	-Fir P Size Class Pole/Log Pole Pole Pole/Sapling Pole/Sapling S	Poletimbo DBH 9 6 6 6 7 6 6 8 8 awtimbo	er Well Age 103 83 83 er Well	8.3 Sub-Can Bala Black Tag Bla 29.0	83 nopy Species sam Fir k Spruce g Alder uck Ash 103	51-80 Density Medium Medium Medium	N/A Avg. Height Variable Variable 5 - 10 feet Variable	Sapling Sapling Tall Shrub Sapling	only for aspen -acres cut- 21 -completion date- 8/8/95 -sale number- 54-013-94-01 -leave trees- green painted trees and no rp or wp under 4 inches dbh -cut volume (cds)- 291 ma, 131 mhwd Part of the Green Swamp -past treatment- thinning to 70-90 BA (see treatment MIFI lineage for	
87 No	6124 - Lowa Canopy Species rthern White Cedar Red Maple Paper Birch Black Spruce Balsam Poplar Balsam Fir 4123 - Canopy Species	and Spruce <b>% Cover</b> 35 5 40 5 10 Red Oak <b>% Cover</b>	Fir P Size Class Pole/Log Pole Pole Pole/Sapling Pole/Sapling Size Class	Poletimbe DBH 9 6 6 6 7 6 6 6 8 awtimbe DBH	er Well 103 83 er Well Age	8.3 Sub-Can Balach Tag Bla 29.0 Sub-Can	83 <b>nopy Species</b> sam Fir k Spruce g Alder ick Ash 103 <b>nopy Species</b>	51-80 Density Medium Medium Medium 81-110 Density	N/A Avg. Height Variable Variable Variable N/A N/A	Sapling Sapling Tall Shrub Sapling Size	only for aspen -acres cut- 21 -completion date- 8/8/95 -sale number- 54-013-94-01 -leave trees- green painted trees and no rp or wp under 4 inches dbh -cut volume (cds)- 291 ma, 131 mhwd Part of the Green Swamp	
86 87 No 88	6124 - Lowa Canopy Species Irthern White Cedar Red Maple Paper Birch Black Spruce Balsam Poplar Balsam Fir 4123 - Canopy Species Red Oak	and Spruce	Fir P Size Class Pole/Log Pole Pole/Sapling Pole/Sapling Size Class Log/XLog/Pole	Poletimbe <b>DBH</b> 9 6 6 7 6 6 6 8 <b>C</b> <b>C</b> <b>C</b> <b>C</b> <b>C</b> <b>C</b> <b>C</b> <b>C</b>	er Well Age 103 83 83 er Well	8.3 Sub-Can Bals Black Tag Bla 29.0 Sub-Can Iro	83 nopy Species sam Fir k Spruce g Alder ick Ash 103 nopy Species nwood	51-80 Density Medium Medium Medium Medium 81-110 Density Medium	N/A Avg. Height Variable 5 - 10 feet Variable N/A Avg. Height 5 - 10 feet	Sapling Sapling Tall Shrub Sapling Size Sapling	only for aspen -acres cut- 21 -completion date- 8/8/95 -sale number- 54-013-94-01 -leave trees- green painted trees and no rp or wp under 4 inches dbh -cut volume (cds)- 291 ma, 131 mhwd Part of the Green Swamp -past treatment- thinning to 70-90 BA (see treatment MIFI lineage for more information) -completion date- 2014 -sale number- 54-013-13-01	
87 No	6124 - Lowa Canopy Species rthern White Cedar Red Maple Paper Birch Black Spruce Balsam Poplar Balsam Fir 4123 - Canopy Species Red Oak Sugar Maple	and Spruce	P-Fir P Size Class Pole/Log Pole Pole/Sapling Pole/Sapling Size Class Log/XLog/Pole	Poletimbe <b>DBH</b> 9 6 6 7 6 6 6 <b>C</b> <b>C</b> <b>C</b> <b>C</b> <b>C</b> <b>C</b> <b>C</b> <b>C</b>	er Well 103 83 er Well Age	8.3 Sub-Can Black Black Tag Bla 29.0 Sub-Can Iro Suga	83 hopy Species sam Fir k Spruce g Alder ick Ash 103 hopy Species nwood ar Maple	S1-80 Density Medium Medium Medium 81-110 Density Medium Medium	N/A Avg. Height Variable Variable Variable N/A Avg. Height 5 - 10 feet >20 feet	Sapling Sapling Tall Shrub Sapling Sapling Sapling	only for aspen -acres cut- 21 -completion date- 8/8/95 -sale number- 54-013-94-01 -leave trees- green painted trees and no rp or wp under 4 inches dbh -cut volume (cds)- 291 ma, 131 mhwd Part of the Green Swamp -past treatment- thinning to 70-90 BA (see treatment MIFI lineage for more information) -completion date- 2014 -sale number- 54-013-13-01 -leave trees- green painted beech and ash, 80+BA	
87 No	6124 - Lowi Canopy Species Inthern White Cedar Red Maple Paper Birch Black Spruce Balsam Poplar Balsam Fir Balsam Fir 4123 - Canopy Species Red Oak Sugar Maple Basswood	and Spruce	Fir P Size Class Pole/Log Pole Pole/Sapling Pole/Sapling Size Class Log/XLog/Pole	Poletimbe <b>DBH</b> 9 6 6 7 6 6 5 <b>Sawtimbe</b> <b>DBH</b> 2 11 11	er Well 103 83 er Well Age	8.3 Sub-Can Black Black Tag Bla 29.0 Sub-Can Iro Suga B	83 hopy Species sam Fir k Spruce g Alder ick Ash 103 hopy Species nwood ar Maple ieech	51-80 Density Medium Medium Medium Medium 81-110 Density Medium	N/A Avg. Height Variable 5 - 10 feet Variable N/A Avg. Height 5 - 10 feet 5 - 10 feet 5 - 10 feet	Sapling Sapling Tall Shrub Sapling Sapling Sapling Sapling	only for aspen -acres cut- 21 -completion date- 8/8/95 -sale number- 54-013-94-01 -leave trees- green painted trees and no rp or wp under 4 inches dbh -cut volume (cds)- 291 ma, 131 mhwd Part of the Green Swamp Part of the Green Swamp -past treatment- thinning to 70-90 BA (see treatment MIFI lineage for more information) -completion date- 2014 -sale number- 54-013-13-01 -leave trees- green painted beech and ash, 80+BA -cut volume (cds)- -PArVVb+	
<b>87</b> No	6124 - Lowa Canopy Species rthern White Cedar Red Maple Paper Birch Black Spruce Balsam Poplar Balsam Fir 4123 - Canopy Species Red Oak Sugar Maple	and Spruce	P-Fir P Size Class Pole/Log Pole Pole/Sapling Pole/Sapling Size Class Log/XLog/Pole	Poletimbe <b>DBH</b> 9 6 6 7 6 6 6 <b>C</b> <b>C</b> <b>C</b> <b>C</b> <b>C</b> <b>C</b> <b>C</b> <b>C</b>	er Well 103 83 er Well Age	8.3 Sub-Can Black Black Tag Bla 29.0 Sub-Can Iro Suga B	83 hopy Species sam Fir k Spruce g Alder ick Ash 103 hopy Species nwood ar Maple	S1-80 Density Medium Medium Medium 81-110 Density Medium Medium	N/A Avg. Height Variable Variable Variable N/A Avg. Height 5 - 10 feet >20 feet	Sapling Sapling Tall Shrub Sapling Sapling Sapling	only for aspen -acres cut- 21 -completion date- 8/8/95 -sale number- 54-013-94-01 -leave trees- green painted trees and no rp or wp under 4 inches dbh -cut volume (cds)- 291 ma, 131 mhwd Part of the Green Swamp Part of the Green Swamp -past treatment- thinning to 70-90 BA (see treatment MIFI lineage for more information) -completion date- 2014 -sale number- 54-013-13-01 -leave trees- green painted beech and ash, 80+BA -cut volume (cds)- -PArVVb+	

#### Report 7 – Stands



DIRE MICHIGAN
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Stand	d Level 4 Cover Type 4123 - Red Oak		Size Density		Acres Stand Age BA Range			Managed Site		General Comments		
89			:	Sawtimber Well		22.9 101		11	1-140	N/A		Steep slopes
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	anopy Specie	es l	Density	Avg. Height	Size	
	Basswood	4	Log/Pole	12		Ir	ronwood		Medium	5 - 10 feet	Sapling	
	Red Oak	63	Log/XLog	14	101	Su	gar Maple		Medium	>20 feet	Sapling	
	Sugar Maple	25	Pole/Log	8			Beech		Low	5 - 10 feet	Sapling	
	Hemlock	3	Pole	7								_
	Paper Birch	5	Log/Pole	12								
90	3102	3102 - Grass Nonst		Nonsto	ocked	0.8		Unsp	pecified	No		Most of this openning was part of an 80 acre parcel that extends to the southwest.
91	6224 - 7	Treed Bog		Nonsto	ocked	28.2	0	Unsp	pecified	No		Part of the Green Swamp -heavy to snags in east
92	3102	Nonsto	ocked	1.1		Unsp	pecified					
94	6239 - Mixed E	Nonsto	ocked	1.1		Unsp	pecified	No				
95	6239 - Mixed E	mergent W	etland	Nonsto	ocked	3.3		Unsp	pecified	No		