

Compartment Review Presentation

Atlanta Forest Management Unit

Compartment 54166 Entry Year 2023 Acreage: 1,043

County Cheboygan

Management Area: Hammond Bay Lake Plain

Revision Date: 2021-05-16

Stand Examiner: Ryan Zimmerman

Legal Description:

T38N 01W Sections 25, 35, and 36

Identified Planning Goals:

There are a lot of recreation trails out here. Dominated by pine and aspen.

Soil and topography:

Sandy soils throughout this compartment besides the drainage areas around Elliot Creek. Fairly flat besides steep slopes going into drainage areas.

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

This area is mostly state owned. Surrounding area is more residential.

There is a lot of recreation in this compartment as well as unofficial shooting ranges.

Unique Natural Features:

Elliot Creek

Archeological, Historical, and Cultural Features:

N/A

Special Management Designations or Considerations:

Should consider making the shooting range in stand 47 more official to avoid all the dumping going on.

Watershed and Fisheries Considerations:

Elliot Creek

Wildlife Habitat Considerations:

Aspen should be managed for grouse.

Mineral Resource and Development Concerns and/or Restrictions

N/A

Vehicle Access:

Has very good vehicle access throughout.

Survey Needs:

Recreational Facilities and Opportunities:

Shooting range could be a possible option here.

Fire Protection:

Fairly large amount of pine and oak. This area has many old white pine stumps with char on them.

Additional Compartment Information:

There is a large amount of dumping going on in this area. Over 100 yards of garbage has been cleaned up from 2018-2020.

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The following reports from the Inventory are attached:

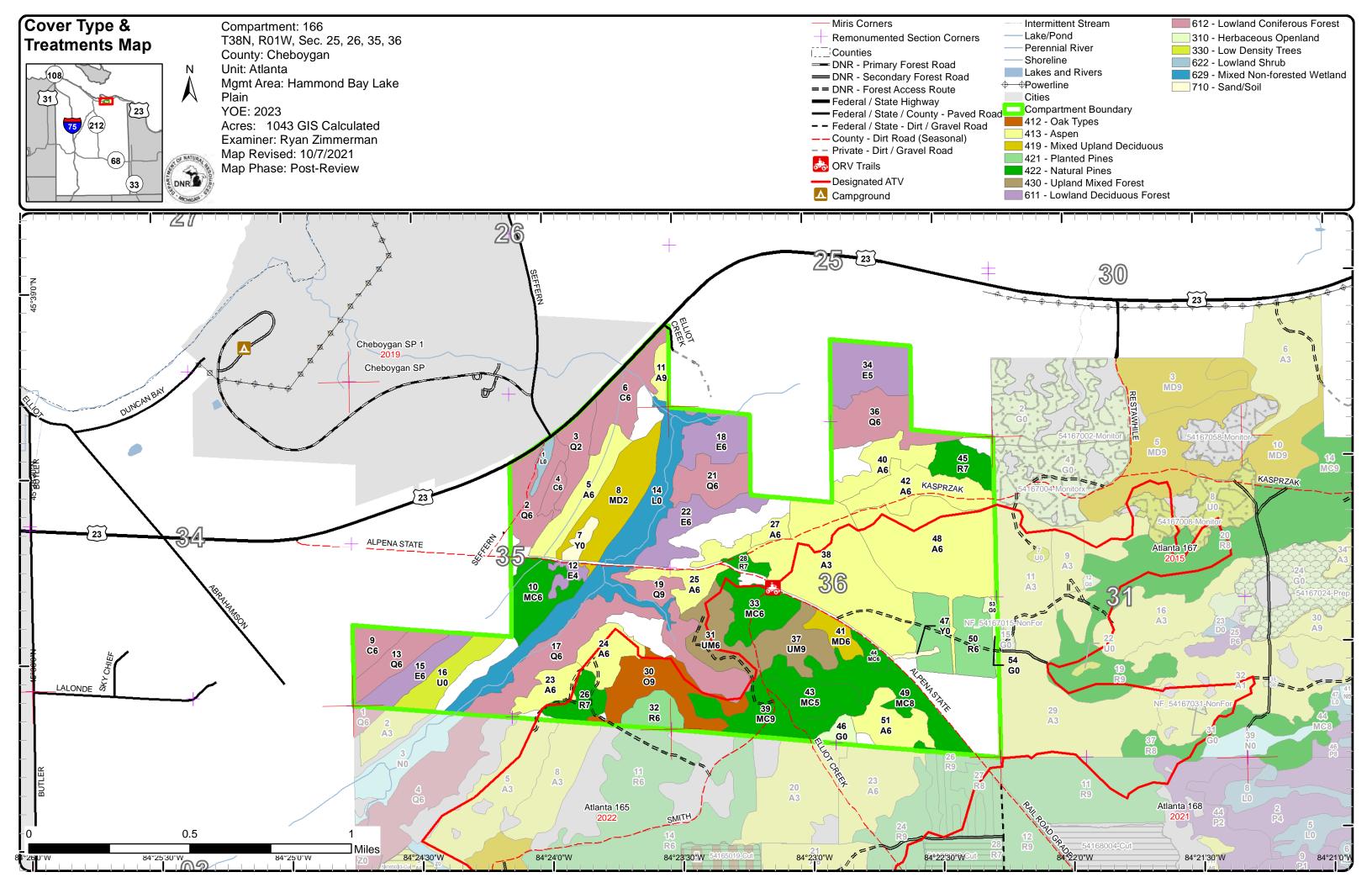
Total Acres by Cover Type and Age Class
Cover Type by Harvest Method
Proposed Treatments – No Limiting Factors
Proposed Treatments – With Limiting Factors
Stand Details (Forested and Nonforested)
Dedicated and Proposed Special Conservation Areas
Site Condition Details

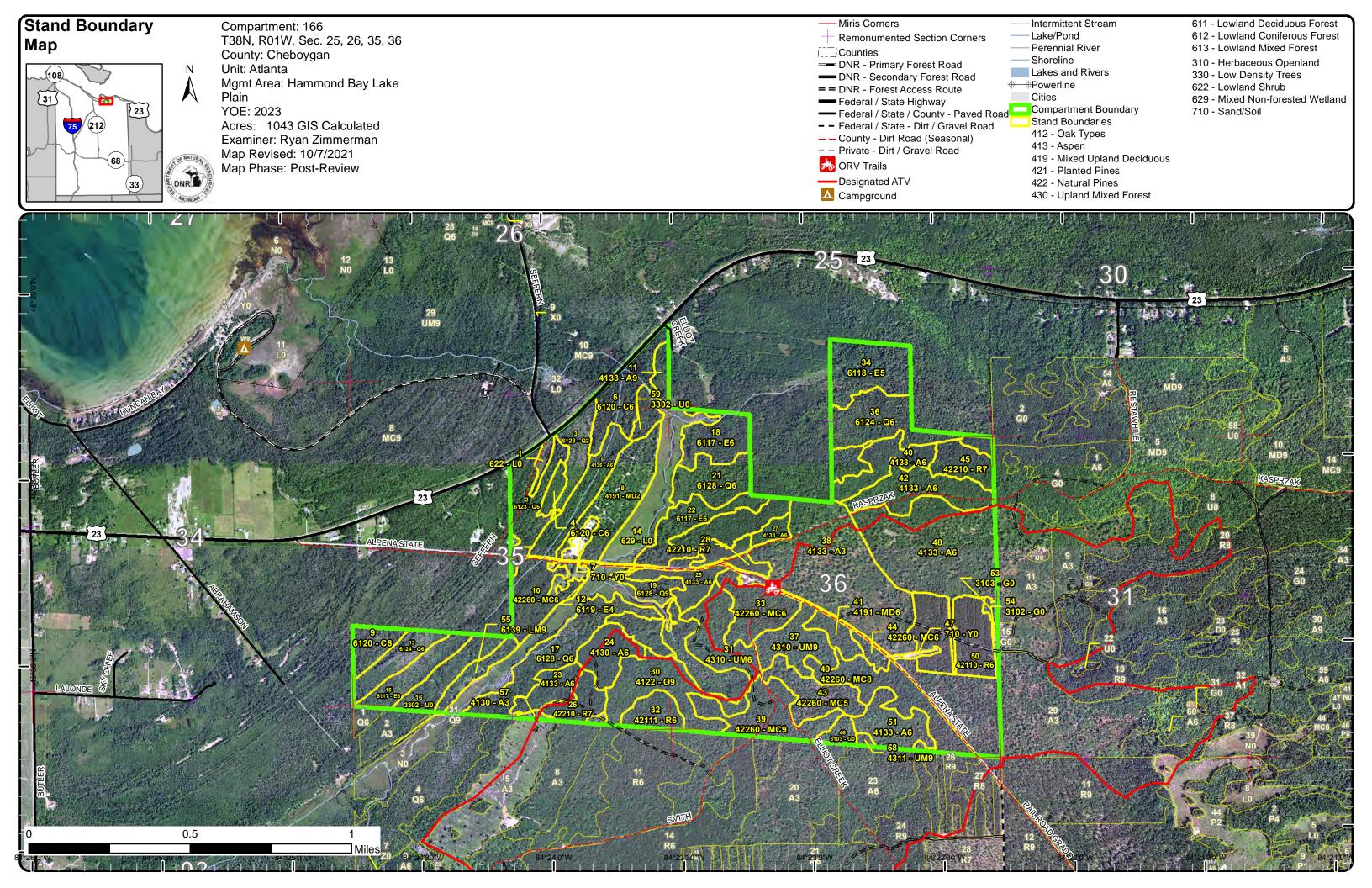
The following information is displayed, where pertinent, on the attached compartment maps:

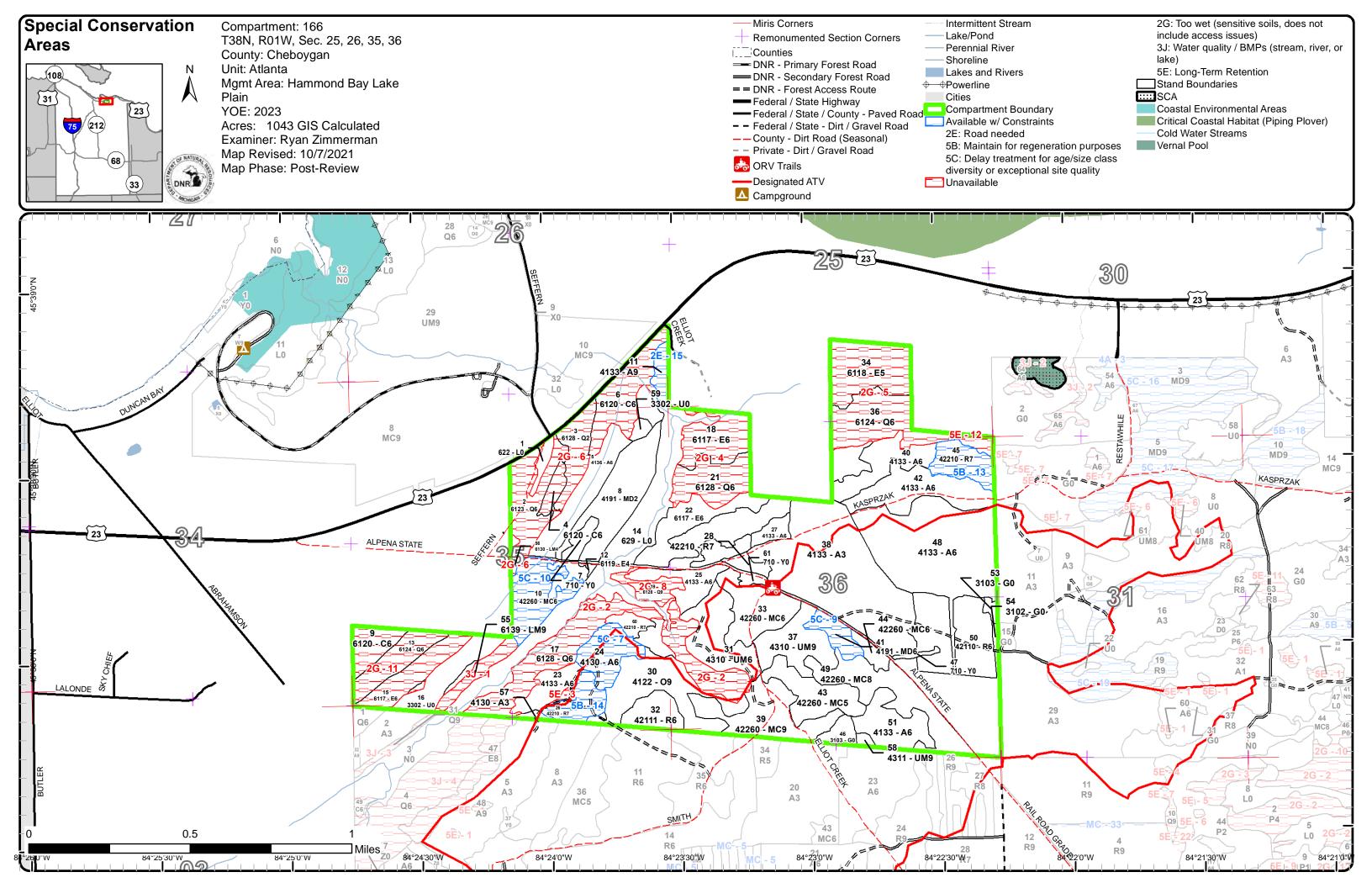
Base feature information, stand boundaries, cover types, and numbers

Proposed treatments
Site condition boundaries

Details on the road access system







Report 1 – Total Acres by Cover Type and Age Class

Atlanta Mgt. Unit

Compartment 166 Year of Entry 2023

Ryan Zimmerman : Examiner



Age Class

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	\ 4 01			/ "	/ "5"		<u>/ 's</u>	<u> </u>		/ *	<u> </u>	/ %	/ 120	/ 🐼	/ 🐉	\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \		Jr.	
Aspen	0	1	80	69	42	61	26	0	5	0	0	0	0	0	0	0	0	0	284
Cedar	0	0	0	0	0	0	0	0	0	0	0	37	0	0	0	0	0	0	37
Herbaceous Openland	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Low-Density Trees	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32
Lowland Conifers	0	0	13	0	0	0	66	14	0	12	0	49	0	0	0	0	0	0	154
Lowland Deciduous	0	0	0	0	0	16	0	65	0	4	0	0	0	0	0	0	0	0	85
Lowland Mixed Forest	0	0	0	0	0	0	2	0	9	0	0	0	0	0	0	0	0	0	11
Lowland Shrub	62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	62
Mixed Upland Deciduous	0	0	0	31	0	0	0	0	8	0	0	0	0	0	0	0	0	0	39
Natural Mixed Pines	0	0	0	30	0	23	21	56	21	0	0	0	0	0	0	0	0	0	150
Oak	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31	31
Red Pine	0	0	0	0	0	0	11	35	4	20	11	4	4	0	0	0	0	0	89
Sand, Soil	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Upland Mixed Forest	0	0	0	0	0	0	0	42	0	1	0	6	0	0	0	0	0	0	49
Urban	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Total	117	1	93	130	42	100	126	212	47	37	11	96	4	0	0	0	0	31	1046



Report 2 – Treatment Summary

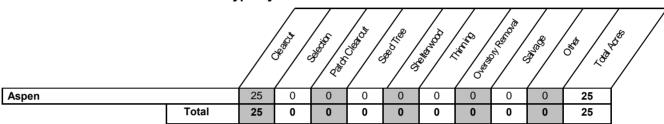
Atlanta Mgt. Unit Year of Entry: 2023

Acres of Harvest

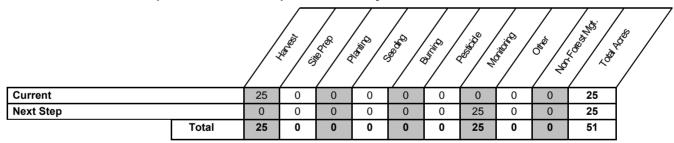
Compartment 166
Total Compartment Acres: 1,043

Commercial Harvest - 25 Harvests with Site Condition - 0 Next Step Harvest - 0 Habitat Cut - 0

Cover Type by Harvest Method



Proposed and Next Step Treatments by Method



Atlanta Mgt. Unit Report 3 -- Treatments Compartment: 166 S Year of Entry: 2023 t а **Treatment** Acres Stand Size Stand BA **Treatment Treatment Cover Type** Age Habitat n Method Objective Structure Name CoverType Density Age Range Type Cut d

Proposed Treatments:

42 54166042-Cut 25.4 4133 - Aspen, Poletimber 58 111- Harvest Clearcut with 413 - Aspen Even-Aged No Mixed Pine Well 140 Retention

<u>Prescription</u> Clearcut with retention. <u>Specs:</u> Include grouse spec.

Include ORV trail protection spec because it goes to the south edge of treatment.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Any combination of aspen, pine, red maple moderate to well stocked.

Regen:
Other
Comment:

Site Condition

Proposed Start Date: 10/1 /2022

Total Treatment Acreage Proposed: 25.4

Atlanta Mgt. Unit

Ryan Zimmerman : Examiner

Compartment: 166
Year of Entry: 2023

Availa	ability for	Managemer	nt							
Total	Acres	Acres Avail	Acres		Domina	nt Site	e Con	ditions	8	
Acres	Available	With Condition	Not Available		2E	5B	5C	2G	3J	5E
284	262	20	1	Aspen	5		15			1
37	0	0	37	Cedar				37		
7	7	0	0	Herbaceous Openland						
32	31	0	1	Low-Density Trees				1		
154	5	0	149	Lowland Conifers				149		
84	24	0	60	Lowland Deciduous				60		
10	1	0	9	Lowland Mixed Forest				2	7	
62	62	0	0	Lowland Shrub						
38	31	8	0	Mixed Upland Deciduous			8			
150	130	20	0	Natural Mixed Pines			20			
31	31	0	0	Oak						
88	62	24	3	Red Pine		24				3
7	7	0	0	Sand, Soil						
50	50	0	0	Upland Mixed Forest						
8	8	0	0	Urban						
1,043	711	72	260	Total Forested Acres	5	24	43	249	7	4
	68%	7%	25%	Relative Percent		·		•	·	

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

Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	7	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						
2	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	49	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
(Comments:						

Report 4 – Site Conditions

Atlanta Mgt. Unit

Ryan Zimmerman : Examiner

3	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Long term retention Rifle Range Pine 5	n pocket Unit 8 i4-022-13-01					
4	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	37	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
5	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	53	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
6	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	62	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
7	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	15	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Poor site quality. N	leeds more time before it is harv	ested.				

Report 4 – Site Conditions

Compartment: 166

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8	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	7	Unspecified	Unspecified	Unspecified	Unspecified
(th edge can be harvested. The r n place for Elliot creek there wou			uld be harvested if it wasn't	too wet.	
	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	8	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Low quality. Needs	more time to put on volume.					
0	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	21	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Short trees. Needs	more time to put on volume. Lo	w quality	soils.			
1	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	40	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						
2	Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						
3	Available	5B: Maintain for regeneration purposes	13	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						

Report 4 – Site Conditions

Compartment: 166

Atlanta Mgt. Unit

Ryan Zimmerman : Examiner Year of Entry: 2023

14	Available	5B: Maintain for regeneration purposes	11	Unspecified	Unspecified	Unspecified	Unspecified
Co	omments:						
15	Available	2E: Road needed	5	Unspecified	Unspecified	Unspecified	Unspecified
Co	omments:						

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Mgt. Unit

Compartment: #Type! Year of Entry:

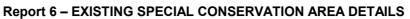


Report 5 - PROPOSED SPECIAL CONSERVATION AREA* (SCA) DETAILS

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
Comments				

Atlanta Mgt. Unit Compartment: 166
Year of Entry 2023





* 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	Туре	Description	HCVA = High Conservation Value Area SCA = Special Conservation Area
SCA	Cold Water Stream	stocked trout populations and those of other col year to year. Coldwater streams in Michigan typ	lved oxygen conditions that allow naturally-reproduced or ldwater fish species (e.g., slimy sculpin) to persist from bically provide these conditions due to substantial ws. Such streams are established by Director's action and er 210.



Stand	Level 4 Co	over Type	;	Size De	ensity	Acres	Stand Age	BA Range	Managed S	Site	General Comments	MICHIGAN
1	622 - Low	land Shrub)	Nonst	ocked	3.2	0	Unspecified	No		Stand swapped Non-Forested.	
2	6123 - Lo	owland Fir	P	oletimb	er Well	20.4	59	Unspecified	N/A		NW has smallest trees and eastern part has larger trees.	
(Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size		
	Red Maple	10	Pole	6		Pa	oer Birch	Low	Variable	Sapling		
(Quaking Aspen	10	Pole	6		Ta	ng Alder	Medium	Variable	Tall Shrub		
	Balsam Fir	60	Pole/Sapling	5	59							
	Black Spruce	10	Pole	8								
	White Pine	10	Log	11								
3	6128 - Lowland (Deci	Coniferous, duous	, Mixed S	apling	Medium	13.0	15	Immature	N/A		Lots of blow down. Small strip still standing along highway.	
(Canopy Species	% Cover	Size Class	DBH	l Age							
	Red Maple	15	Sapling	1								
Е	Bigtooth Aspen	10	Sapling	1								
	Balsam Fir	35	Sapling	1								
Nort	thern White Cedar	40	Sapling	1	15							
4	6120 - Lov	vland Ceda	ar P	oletimb	er Well	4.7	101	1-50	N/A			
(Canopy Species	% Cover	Size Class	DBH	l Age							
	Balsam Fir	10	Sapling/Pole	4								
	Black Spruce	10	Sapling/Pole	4								
Nort	thern White Cedar	80	Pole/Sapling	5	101							
5	4136 - Aspen	, Mixed Co	nifer P	oletimb	er Well	20.4	30	1-50	N/A			
(Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size		
	Paper Birch	5	Pole	5		Re	d Maple	Medium	Variable	Sapling		
(Quaking Aspen	45	Pole	6	30	Northerr	White Cedar	r Low	Variable	Sapling		
	Balsam Fir	15	Pole	6		Wh	nite Pine	Low	Variable	Sapling		
Nort	thern White Cedar	5	Pole/Sapling	5		Ва	lsam Fir	Low	Variable	Sapling		
	White Pine	5	Log	10							-	
	Red Maple	20	Pole	5								
Black	<td>5</td> <td>Pole</td> <td>6</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	5	Pole	6								
6	6120 - Lov	vland Ceda	ar P	oletimb	er Well	22.3	101	51-80	N/A		Pocket of cedar in the east half. Elliot creek runs through the stan	. t
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Specie	s Density	Avg. Height	Size		
	Black Spruce	10	Pole	5		Blac	k Spruce	Medium	Variable	Sapling		
Nort	hern White Cedar	70	Pole	8	101	Northern	White Cedar	r Medium	Variable	Sapling		
	White Pine	10	Log	10		Та	ng Alder	High	5 - 10 feet	Tall Shrub		
	Red Pine	10	Log	11				<u> </u>				



Stand	Level 4 Co	over Type		Size De	nsity	Acres Stand Age B	A Range	Managed S	ite	General Comments
7	710 - S	and, Soil		Nonsto	ocked	4.2 U	nspecified	No		Illegal scramble area and shooting range for people.
8	4191 - Mixed Upla Co	and Decidu nifer	ous with	Sapling I	Medium	30.7 20	mmature	N/A		
(Canopy Species	% Cover	Size Class	DBH	Age					
	Red Maple	20	Sapling	4						
В	Bigtooth Aspen	30	Sapling	4	20					
Black	/Red (Hybrid) Oak	10	Sapling	4						
Black	/Red (Hybrid) Oak	10	Log	10						
	Balsam Fir	5	Sapling	2						
I	Black Spruce	5	Sapling	2						
	White Pine	10	Sapling/Po	le 4						
	Red Pine	10	Log	12						
9	6120 - Lov	vland Ceda	ar	Poletimb	er Well	10.2 109	51-80	N/A		
(Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy Species	Density	Avg. Height	Size	
North	hern White Cedar	50	Pole	8	109	Balsam Fir	High	Variable	Sapling	
	Balsam Fir	15	Pole	6		Northern White Cedar	Medium	Variable	Sapling	
	Red Maple	10	Pole	6		Tag Alder	Medium	5 - 10 feet	Tall Shrub	
В	Bigtooth Aspen	10	Pole	9		Red Maple	Low	Variable	Sapling	
I	Black Spruce	10	Pole	6						
	White Pine	3	Log	10						
	Red Pine	2	Log	12						
10	42260 - Natural Pir	ne, Mixed [Deciduous	Poletimb	er Well	20.5 70	111-140	N/A		
(Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy Species	Density	Avg. Height	Size	
	Red Maple	15	Pole	5		Red Maple	Low	Variable	Sapling	
Q	Quaking Aspen	15	Pole	5		Red Oak	Low	Variable	Sapling	
	White Pine	20	Pole/Log	8		White Pine	Medium	Variable	Sapling	
	Red Pine	50	Pole/Log	8	70	Red Pine	Medium	Variable	Sapling	
11	4133 - Aspe	n, Mixed P	ine	Sawtimb	er Well	5.0 79	51-80	N/A		Would need to build road from US-23 to get to stand. Aspen is falling ou
(Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy Species	Density	Avg. Height	Size	and red maple balsam fir filling in the openings.
Q	uaking Aspen	50	Log	12	79	Red Maple	Medium	Variable	Sapling	
	White Pine	10	Log	12		Paper Birch	Low	Variable	Sapling	
	Red Pine	10	Log	14		Balsam Fir	High	Variable	Sapling	
	Hemlock	5	Log	12		White Pine	Low	Variable	Sapling	
	Balsam Fir	5	Pole	8						•
	Red Maple	15	Log/Pole	10						
	rtoa mapio	15	Log/1 old	10						



Stand	d Level 4 Co	over Type		Size Density	Acres	Stand Age B	A Range	Managed S	Site	General Comments
12	6119 - Mixed Lowla	nd Decidu	ous Forest	Poletimber Poor	4.3	80	1-50	N/A		Just made the forested stand requirement. Willow was too difficult to age
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	for core. Small aspen is in south part of stand.
	Bigtooth Aspen	20	Pole	6	Bigto	ooth Aspen	Low	Variable	Sapling	
	White Pine	10	Pole	6					,	
	Willow spp.	70	Pole	8 80						
13	6124 - Lowla	ind Spruce	-Fir	Poletimber Well	14.0	67	1-50	N/A		
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Balsam Fir	35	Pole	5 67	Ва	alsam Fir	High	Variable	Sapling	
	Black Spruce	25	Pole	5	Norther	n White Cedar	Low	Variable	Sapling	
No	orthern White Cedar	20	Pole	6	Re	ed Maple	Medium	Variable	Sapling	
	Bigtooth Aspen	10	Pole	6	T	ag Alder	Low	5 - 10 feet	Tall Shrub	
	Red Maple	10	Pole	6			,			
14	629 - Mixed non	-forested v	vetland	Nonstocked	58.4	Ur	nspecified	No		Elliot Creek
15	6117 - Lowland I Coni	Deciduous ferous	, Mixed	Poletimber Well	15.5	46	1-50	N/A		Very wet.
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Maple	30	Pole	5 46	Ва	alsam Fir	High	Variable	Sapling	
	Paper Birch	20	Pole	5	Ta	ag Alder	Medium	Variable	Tall Shrub	
	Balsam Fir	25	Pole	5	Re	ed Maple	Medium	Variable	Sapling	
No	orthern White Cedar	5	Pole	6						
	Black Spruce	5	Pole	5						
	Bigtooth Aspen	15	Pole	5						
16	3302 - Low Den	sity Conife	r Trees	Nonstocked	16.1	0 Ur	nspecified	413 - As _l	pen	Stand was harvested in 2/2018. It was harvested with stand 2 in
					Sub-Ca	nopy Species	Density	Avg. Height	Size	compartment 165 directly to the south of this stand. This has good aspen and red maple with some pine and balsam fir. Not
					W	hite Pine	Low	Variable	Sapling	
17	6128 - Lowland (Deci	Coniferous duous	, Mixed	Poletimber Well	49.0	108	51-80	N/A		
17		duous	, Mixed Size Class		49.0	108	51-80 Density	N/A Avg. Height	Size	
17	Deci	duous			49.0 Sub-C a				Size Sapling	
17	Deci Canopy Species	duous % Cover	Size Class	DBH Age	49.0 Sub-Ca	nopy Species	Density	Avg. Height		
17	Canopy Species Red Maple	duous Cover	Size Class	B DBH Age	49.0 Sub-Ca	nopy Species ed Maple	Density Medium	Avg. Height Variable	Sapling	
17	Canopy Species Red Maple Red Oak	% Cover	Size Class Pole Pole	6 6 7	49.0 Sub-Ca	nopy Species ed Maple	Density Medium	Avg. Height Variable	Sapling	
17	Canopy Species Red Maple Red Oak Paper Birch	### duous ### Cover 15	Size Class Pole Pole Pole	6	49.0 Sub-Ca	nopy Species ed Maple	Density Medium	Avg. Height Variable	Sapling	
	Canopy Species Red Maple Red Oak Paper Birch Balsam Fir	## Cover	Size Class Pole Pole Pole Pole	6	49.0 Sub-Ca	nopy Species ed Maple	Density Medium	Avg. Height Variable	Sapling	

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Stand	d Level 4 Co	over Type		Size De	nsity	Acres	Stand Age B	A Range	Managed :	Site	General Comments
18	6117 - Lowland I Coni	Deciduous ferous	, Mixed	Poletimb	er Well	18.2	61	51-80	N/A		Very wet. South end of sale is very wet. with very little merchantable trees.
	Canopy Species	% Cover	Size Class	B DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Balsam Poplar	20	Pole	6		Ta	ag Alder	High	5 - 10 feet	Tall Shrub	
	Bigtooth Aspen	15	Pole	6							•
	Balsam Fir	10	Pole	5							
	Red Maple	30	Pole	5	61						
No	orthern White Cedar	10	Pole	7							
	Black Spruce	15	Pole	6							
19	6128 - Lowland (Deci	Coniferous iduous	, Mixed	Sawtimb	er Well	7.3	81	51-80	N/A		On a steep slope that runs down to the creek. Areas at bottom of slope are very wet.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Maple	10	Pole	6		Bigto	ooth Aspen	Low	Variable	Sapling	
	Bigtooth Aspen	10	Pole	6		Ва	ılsam Fir	Low	Variable	Sapling	
	White Pine	20	Pole/Log	8	81	Northerr	n White Cedar	Low	Variable	Sapling	
	Red Pine	20	Log/Pole	10		WI	hite Pine	Medium	Variable	Sapling	
No	orthern White Cedar	15	Pole	8		Ta	ag Alder	High	5 - 10 feet	Tall Shrub	
Bla	ck/Red (Hybrid) Oak	10	Log/Pole	10							
	Black Spruce	10	Pole	8							
	Balsam Fir	5	Pole	6							
21	6128 - Lowland (Deci	Coniferous iduous	, Mixed	Poletimb	er Well	19.0	58	51-80	N/A		Center of stand is very wet running east to west.
	Canopy Species	% Cover	Size Class	s DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
No	orthern White Cedar	20	Pole	8		Ва	ılsam Fir	Medium	Variable	Sapling	
	Balsam Fir	15	Pole	6		Ta	ag Alder	Low	5 - 10 feet	Tall Shrub	
	Red Pine	10	Log	10		Re	ed Maple	Medium	Variable	Sapling	
	White Pine	5	Log	10				,		,	•
	Black Spruce	10	Pole	6							
	Bigtooth Aspen	25	Pole	8	58						

Red Maple

15

5

Pole



Stand	and Level 4 Cover Type			Size Density		Acres	Stand Age B	A Range	Managed S	Site	General Comments
22	6117 - Lowland [Coni	Deciduous erous	, Mixed	Poletimb	er Well	19.4	64	81-110	N/A		Transition from upland to lowland. Has some very wet spots where the canopy dies out once it gets to log size trees.
(Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Maple	20	Pole	8		Re	d Maple	Medium	Variable	Sapling	
Е	Bigtooth Aspen	35	Pole/Log	9	64	Ta	ag Alder	Low	5 - 10 feet	Tall Shrub	
Nort	thern White Cedar	15	Pole	8		Ва	lsam Fir	Low	Variable	Sapling	
	Balsam Fir	10	Pole	6		Northern	White Cedar	Trace	Variable	Sapling	
	Paper Birch	5	Log/Pole	10		Bigto	oth Aspen	Low	Variable	Sapling	
	Black Spruce	5	Pole	7							•
	Red Pine	5	Log	11							
	White Pine	5	Log	11							
23	4133 - Aspe	n, Mixed F	ine	Poletimb	er Well	11.2	45	81-110	N/A		Small diameter aspen. Steep ridges. Just transitioning into pole.
(Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Just transitioning into pole.
	Red Maple	10	Pole	5		Wh	nite Pine	Medium	Variable	Sapling	
E	Bigtooth Aspen	65	Pole	5	45	R	ed Pine	Medium	Variable	Sapling	
Black	k/Red (Hybrid) Oak	5	Log/Pole	10		Re	d Maple	Medium	Variable	Sapling	
	Red Pine	20	Log	12							
24	4130 -	Aspen		Poletimb	er Well	15.3	49	81-110	N/A		
(Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Maple	15	Pole	6		I	Beech	Low	< 5 feet	Sapling	
Е	Bigtooth Aspen	80	Pole	6	49	Ва	lsam Fir	Low	< 5 feet	Sapling	
	Red Pine	5	Log	10		Wh	nite Pine	Low	< 5 feet	Sapling	
						R	ed Pine	Low	< 5 feet	Sapling	
25	4133 - Aspe			Poletimb		16.8	38	81-110	N/A		Cedar/bf found in one small drainage in middle of stand.
(Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
E	Bigtooth Aspen	50	Pole	7	38	Ва	Isam Fir	Low	Variable	Sapling	
Black	k/Red (Hybrid) Oak	20	Pole	8		Northern	White Cedar	Low	Variable	Sapling	
Nort	thern White Cedar	2	Pole	6		Wh	nite Pine	Low	Variable	Sapling	
	White Pine	20	Pole	5		Re	ed Maple	Medium	Variable	Sapling	
	Red Maple	8	Pole	6							
26	42210 - Nati	ıral Red P	ine	Sawtimb	er Poor	11.1	90	1-50	N/A		Harvested 3/2018
	42210 - Nati		ine Size Class		er Poor Age		90 nopy Species	1-50 Density	N/A Avg. Height	Size	Harvested 3/2018
						Sub-Ca				Size Sapling	Harvested 3/2018



Stand	tand Level 4 Cover Type			Size Density			Acres Stand Age BA Range Managed Site			Site	General Comments
27	4133 - Aspe	n, Mixed F	Pine F	Poletimbe	er Well	4.4	38	81-110	N/A		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Maple	10	Sapling/Pole	4		Ва	llsam Fir	Low	Variable	Sapling	
	Bigtooth Aspen	60	Pole	6	38	WI	hite Pine	Low	Variable	Sapling	
	Red Pine	10	Pole	7		Re	ed Maple	Medium	Variable	Sapling	
	White Pine	10	Pole	8							
Bla	ck/Red (Hybrid) Oak	10	Pole	8							
28	42210 - Nat	ural Red P	Pine S	Sawtimbe	r Poor	3.5	102	1-50	N/A		Cut in 3/2018. Cover type objective is natural pine mixed deciduous.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	White Pine	20	Log	12		Re	ed Maple	Low	Variable	Sapling	
	Red Pine	80	Log/Pole	13	102	WI	hite Pine	Medium	Variable	Sapling	
						Bigto	oth Aspen	High	Variable	Sapling	
30	4122 - 0	Oak, Pine	Ş	Sawtimbe	er Well	31.3	87	51-80	N/A		Steep drop-off on boundary of stand.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Cored red pine at 108, hybrid oak at 87 and red pine at 41. Hardly meets 75% canopy cover.
	Bigtooth Aspen	5	Pole/Log	9		Re	ed Maple	Low	Variable	Sapling	Lots of white and red pine in understory.
Bla	ck/Red (Hybrid) Oak	60	Log	12	87	R	ed Pine	Medium	Variable	Pole	
	White Pine	15	Log/Pole	10		WI	hite Pine	High	Variable	Pole	
	Red Pine	20	Log	14	108	Black/Re	d (Hybrid) Oak	Low	Variable	Sapling	
31	4310 - Pir	ne, Oak Mi	x F	Poletimbe	er Well	22.8	67	81-110	N/A		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Maple	5	Pole	6		Re	ed Maple	Low	Variable	Sapling	
Blad	ck/Red (Hybrid) Oak	40	Log	10	67	1	Beech	Trace	Variable	Sapling	
	White Pine	30	Pole/Log	9		WI	hite Pine	Medium	Variable	Sapling	
	Red Pine	20	Pole/Log	9	55	R	ed Pine	Medium	Variable	Sapling	
	Bigtooth Aspen	5	Pole	6		Black/Re	d (Hybrid) Oak	Low	Variable	Sapling	
32	42111 - Planted Deci	Red Pine, duous	, Mixed F	Poletimbe		10.9	52	51-80	N/A		Rows are variable. Stocking is pretty close to 80% canopy cover. Would have to be a marked thinning when it is ready to be thinned.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
Bla	ck/Red (Hybrid) Oak	20	Pole/Log	9		Re	ed Maple	Low	Variable	Sapling	
	Red Pine	80	Pole	7	52		ooth Aspen	Low	Variable	Sapling	
						Black/Re	d (Hybrid) Oak	Low	Variable	Sapling	



Stand	Level 4 Co	Level 4 Cover Type Size Density Acres Stand Age BA Range Managed Site		Site	General Comments	MICHIGAN .						
33	42260 - Natural Pin	ne, Mixed D	eciduous	Poletimb	er Well	20.9	54	51-80	N/A			
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	py Species	Density	Avg. Height	Size		
	Red Maple	10	Pole	6		Black/Red	(Hybrid) Oak	Low	Variable	Sapling		
	Bigtooth Aspen	10	Pole	6		Whit	e Pine	Medium	Variable	Sapling		
Bla	ck/Red (Hybrid) Oak	20	Pole/Log	8			l Pine	Medium	Variable	Sapling		
	White Pine	30	Pole	6		Red	Maple	Low	Variable	Sapling		
	Red Pine	30	Pole	7	54							
34	6118 - Lowland De						63	1-50	N/A		Too wet	
	Canopy Species		Size Class		Age		opy Species	Density	Avg. Height	Size		
	Red Maple	30	Log/Pole	10	63		am Fir	Medium	Variable	Sapling		
	Paper Birch	10	Pole	6			White Cedar	Low	Variable	Sapling		
	Quaking Aspen	20	Log/Pole	10		Tag	Alder	High	5 - 10 feet	Tall Shrub		
	Black Spruce	20	Pole	6	101							
INC	rthern White Cedar	20	Sapling/Pol	e 5	121							
35	42210 - Nati	ural Red Pi	ne	Sawtimb	er Poor	2.9	87	1-50	N/A		Shelterwood harvest 4/2018 retention pocket.	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size		
	White Pine	15	Log	10		Be	eech	Low	< 5 feet	Sapling		
	Red Pine	85	Log/Pole	14	87	Bals	am Fir	Medium	Variable	Sapling		
						Whit	e Pine	Medium	Variable	Sapling		
						Bigtoo	th Aspen	Full	Variable	Sapling		
36	6124 - Lowla	nd Spruce	-Fir	Poletimb	er Well	26.4	59	51-80	N/A		Very wet.	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size		
	Red Maple	20	Pole	6		Red	Maple	Low	Variable	Sapling		
Bla	ck/Red (Hybrid) Oak	10	Log/XLog	13		Bals	am Fir	High	Variable	Sapling		
	Paper Birch	10	Pole	6		Tag	Alder	Medium	5 - 10 feet	Tall Shrub		
	Balsam Fir	30	Pole	6	59							
	Black Spruce	20	Pole/Saplin	g 6								
	White Pine	10	Pole/Saplin	g 6								
37	4310 - Pin	ie, Oak Mix	(Sawtimb	er Well	19.5	68	51-80	N/A		Low volumes due to short trees. More pine to the west.	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size		
	Red Maple	10	Pole	6		Black/Red	(Hybrid) Oak	Low	Variable	Sapling		
			Pole	6		Whit	e Pine	High	Variable	Sapling		
	Bigtooth Aspen	20	1 010	0								
Bla	Bigtooth Aspen ck/Red (Hybrid) Oak	20	Log/Pole			Red	l Pine	Low	Variable	Sapling		
Bla				10				Low	Variable Variable	Sapling Sapling		



	Stand Level 4 Cover Type			Size De		Acres S	Stand Age B	BA Range Managed		ite	General Comments
38	4133 - Aspe			Saplin	g Well	79.5	16 I	mmature	N/A		Some spots have more residual oak left than others. Where there is more oak left there is less aspen regeneration.
	Canopy Species		Size Class		l Age						more said for more to rese appoint ogeneration.
	Bigtooth Aspen	40	Sapling	3	16						
Black	k/Red (Hybrid) Oak	20	Pole/Log	9							
	White Pine	10	Sapling	2							
	Red Pine	20	Sapling	3							
	Red Maple	10	Sapling	3							
39	42260 - Natural Pin	e, Mixed D	Deciduous	Sawtimb	er Wel	27.4	68	51-80	N/A		More pine to the south and more oak aspen to the north.
(Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Cano	py Species	Density	Avg. Height	Size	
	Paper Birch	5	Pole	6		Black/Red ((Hybrid) Oak	Low	Variable	Sapling	
C	Quaking Aspen	10	Pole	8		White	e Pine	High	Variable	Sapling	
Black	k/Red (Hybrid) Oak	15	Log/Pole	10		Red	Pine	Medium	Variable	Sapling	
	White Pine	30	Log/Pole	10							
	Red Pine	35	Log/Pole	10	68						
	Red Maple	5	Pole	7							
40	4133 - Aspe	n, Mixed P	ine	Poletimb	er Wel	l 16.6	40	111-140	N/A		
(Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Cano	py Species	Density	Avg. Height	Size	
В	Bigtooth Aspen	55	Pole	8	40	White	e Pine	Low	Variable	Sapling	
	Red Pine	20	Pole/Log	9		Red	Pine	Low	Variable	Sapling	
	White Pine	10	Pole/Log	9		Bigtootl	h Aspen	Low	Variable	Sapling	
Black	k/Red (Hybrid) Oak										
	vitca (riybila) cak	15	Log/Pole	10		Red I	Maple	Low	Variable	Sapling	
	vited (Hybrid) Oak	15	Log/Pole	10			Maple (Hybrid) Oak	Low	Variable Variable	Sapling Sapling	
41	4191 - Mixed Upla			10 Poletimb	er Wel	Black/Red (•				More pine to the southeast.
	4191 - Mixed Upla	nd Decidu		Poletimb	er Wel	Black/Red ((Hybrid) Oak	Low	Variable		More pine to the southeast.
	4191 - Mixed Upla Cor	nd Decidu	ous with	Poletimb		Black/Red (7.6 Sub-Cano	(Hybrid) Oak 79	Low 51-80	Variable N/A	Sapling	More pine to the southeast.
(4191 - Mixed Upla Coi Canopy Species	nd Decidu	ous with	Poletimb DB F		Black/Red (7.6 Sub-Cano	79 opy Species	51-80 Density	Variable N/A Avg. Height	Sapling	More pine to the southeast.
В	4191 - Mixed Upla Coi Canopy Species Red Maple	nd Deciduenifer **Cover** 10	ous with Size Class Pole	Poletimb DBH		Black/Red (7.6 Sub-Cano Red I Bigtootl	79 opy Species Maple	51-80 Density High	Variable N/A Avg. Height Variable	Sapling Size Sapling	More pine to the southeast.
В	4191 - Mixed Upla Col Canopy Species Red Maple Bigtooth Aspen	nd Decidu nifer % Cover 10 25	ous with Size Class Pole Pole	Poletimb DBH 8	I Age	Black/Red (7.6 Sub-Cano Red Bigtootl	79 opy Species Maple h Aspen	51-80 Density High Low	Variable N/A Avg. Height Variable Variable	Size Sapling Sapling	More pine to the southeast.
В	4191 - Mixed Upla Cor Canopy Species Red Maple Bigtooth Aspen k/Red (Hybrid) Oak	nd Deciduration of the control of th	ous with Size Class Pole Pole Log	Poletimb DBH 8 6 10	I Age	Black/Red (7.6 Sub-Cano Red I Bigtoot White	79 opy Species Maple h Aspen e Pine	51-80 Density High Low Medium	Variable N/A Avg. Height Variable Variable Variable	Sapling Size Sapling Sapling Sapling Sapling	More pine to the southeast.
B Black	4191 - Mixed Upla Col Canopy Species Red Maple Bigtooth Aspen v/Red (Hybrid) Oak White Pine	nd Deciduration of the control of th	Size Class Pole Pole Log Pole Pole	Poletimb	79	Black/Red (7.6 Sub-Cano Red I Bigtootl White Red Black/Red (79 ppy Species Maple h Aspen e Pine Pine (Hybrid) Oak	51-80 Density High Low Medium Medium	Variable N/A Avg. Height Variable Variable Variable Variable Variable	Sapling Size Sapling Sapling Sapling Sapling Sapling	More pine to the southeast.
B Black	4191 - Mixed Upla Con Canopy Species Red Maple Bigtooth Aspen x/Red (Hybrid) Oak White Pine Red Pine	nd Deciduenifer % Cover 10 25 30 20 15 n, Mixed P	Size Class Pole Pole Log Pole Pole	Poletimb DBH 8 6 10 8 7	79	Black/Red (7.6 Sub-Cano Red Bigtootl White Red Black/Red (79 ppy Species Maple h Aspen e Pine Pine (Hybrid) Oak	Density High Low Medium Medium Low	Variable N/A Avg. Height Variable Variable Variable Variable Variable Variable	Sapling Size Sapling Sapling Sapling Sapling Sapling	More pine to the southeast.
B Black	4191 - Mixed Upla Cor Canopy Species Red Maple Bigtooth Aspen c/Red (Hybrid) Oak White Pine Red Pine	nd Deciduenifer % Cover 10 25 30 20 15 n, Mixed P	ous with Size Class Pole Pole Log Pole Pole Pole	Poletimb DBH 8 6 10 8 7	79	Black/Red (7.6 Sub-Cano Red Bigtoot White Red Black/Red (1 26.0 Sub-Cano	79 Popy Species Maple h Aspen e Pine Pine (Hybrid) Oak 58	Density High Low Medium Medium Low	Variable N/A Avg. Height Variable Variable Variable Variable Variable Variable N/A	Size Sapling Sapling Sapling Sapling Sapling Sapling	More pine to the southeast.
Black	4191 - Mixed Upla Cor Canopy Species Red Maple Bigtooth Aspen c/Red (Hybrid) Oak White Pine Red Pine 4133 - Asper	nd Deciduration of the control of th	ous with Size Class Pole Pole Log Pole Pole Pole Size Class	Poletimb BH 8 6 10 8 7 Poletimb DBH	79	Black/Red (7.6 Sub-Cano Red I Bigtooti White Red Black/Red (1 26.0 Sub-Cano Balsa	79 Popy Species Maple h Aspen e Pine (Hybrid) Oak 58 Popy Species	Density High Low Medium Medium Low 111-140 Density	Variable N/A Avg. Height Variable Variable Variable Variable Variable Variable Variable Variable	Sapling Sapling Sapling Sapling Sapling Sapling Sapling	More pine to the southeast.
Black 42 Black	4191 - Mixed Upla Cor Canopy Species Red Maple Bigtooth Aspen k/Red (Hybrid) Oak White Pine Red Pine 4133 - Asper Canopy Species Red Maple	nd Deciduration of the control of th	ous with Size Class Pole Pole Log Pole Pole Size Class Pole	Poletimb 8	79	Black/Red (7.6 Sub-Cano Red I Bigtootl White Red Black/Red (26.0 Sub-Cano Balsa White	(Hybrid) Oak 79 Popy Species Maple h Aspen e Pine Pine (Hybrid) Oak 58 Popy Species am Fir	Density High Low Medium Medium Low 111-140 Density Trace	Variable N/A Avg. Height Variable Variable Variable Variable Variable Variable Variable Variable	Sapling Size Sapling Sapling Sapling Sapling Sapling Sapling Sapling	More pine to the southeast.
Black 42 Black	4191 - Mixed Upla Cor Canopy Species Red Maple Bigtooth Aspen K/Red (Hybrid) Oak White Pine Red Pine 4133 - Asper Canopy Species Red Maple K/Red (Hybrid) Oak	nd Deciduration of the content of th	ous with Size Class Pole Pole Log Pole Pole Size Class Pole Log/Pole	Poletimb 8 6 10 8 7 Poletimb DBH 6 10 10 10 10 10 10 10	79 Der Wel	Black/Red (7.6 Sub-Cano Red I Bigtootl White Red Black/Red (26.0 Sub-Cano Balsa White Red I	79 ppy Species Maple h Aspen e Pine (Hybrid) Oak 58 ppy Species am Fir e Pine	Density High Low Medium Medium Low 111-140 Density Trace Medium	Variable N/A Avg. Height Variable Variable Variable Variable Variable Variable Variable Variable Variable Variable	Sapling	More pine to the southeast.



Stand	Level 4 Co	Level 4 Cover Type Size Density Acres Stand Age BA Range Managed Site		ite	General Comments					
43	42260 - Natural Pir	ne, Mixed D	eciduous F	Poletimbe	Mediur	m 18.9 46	1-50	N/A		Poor soils. Sparse tree cover.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	
	Red Maple	20	Pole	6		White Pine	Low	Variable	Sapling	
	Bigtooth Aspen	20	Pole	6		Red Pine	Low	Variable	Sapling	
	White Pine	20	Pole	7		Black/Red (Hybrid) Oak	Low	Variable	Sapling	
	Red Pine	40	Pole	5	46	Bigtooth Aspen	Low	Variable	Sapling	
						Red Maple	Medium	Variable	Sapling	
44	42260 - Natural Pir	ne, Mixed D	eciduous	Poletimb	er Well	3.8 43	1-50	N/A		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	
	Bigtooth Aspen	20	Pole	6		Red Maple	Medium	Variable	Sapling	
	White Pine	35	Pole	6	43	White Pine	Medium	Variable	Sapling	
	Red Pine	30	Pole	6		Black/Red (Hybrid) Oak	Low	Variable	Sapling	
Blac	ck/Red (Hybrid) Oak	10	Pole	8		Red Pine	Low	Variable	Sapling	
	Red Maple	5	Pole	6			1			•
45	42210 - Nat	ural Red Pi	ne	Sawtimb	er Poor	12.7 87	1-50	N/A		Shelterwood harvest 4/2018
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	
	White Pine	15	Log	10		Beech	Low	< 5 feet	Sapling	
	Red Pine	85	Log/Pole	14	87	Balsam Fir	Medium	Variable	Sapling	
						White Pine	Medium	Variable	Sapling	
						Bigtooth Aspen	High	Variable	Sapling	
46	3103 - R	ubus-Fern		Nonsto	cked	4.7 0 L	Inspecified	413 - Asp	en	Cut in 4/2018
						Sub-Canopy Species	Density	Avg. Height	Size	Not considered to be a forested stand yet. Good aspen regen so far.
						Bigtooth Aspen	Full	Variable	Sapling	
						Red Maple	Medium	Variable	Sapling	
47	710 - S	and, Soil		Nonsto	cked	1.3 L	Inspecified	No		Put boulders up in 2019 at entrance to keep from dumping in this area.
48	4133 - Aspe	n, Mixed P	ine	Poletimb	er Well	69.4 27	1-50	N/A		More pine to the north.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	
	Bigtooth Aspen	50	Pole	5	27	Red Maple	Low	Variable	Sapling	
	ck/Red (Hybrid) Oak	5	Log	12		Black/Red (Hybrid) Oak	Low	Variable	Sapling	
Blac	Mitca (Hybria) Oak	_		12						
	Northern Pin Oak	5	Log	11		Red Pine	Medium	Variable	Sapling	



Stand	d Level 4 Co	over Type		Size De	nsity	Acres	Stand Age B	A Range	Managed S	ite	General Comments
49	42260 - Natural Pir	ne, Mixed I	Deciduous S	awtimber	Mediu	m 29.0	62	51-80	N/A		Pockets of white pine and smaller diameter red pine. Not ready for
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	harvest at this time.
	Bigtooth Aspen	20	Pole	6		Bigto	oth Aspen	Low	Variable	Sapling	
	White Pine	30	Log/Pole	10		WI	hite Pine	High	Variable	Sapling	
	Red Pine	40	Log	12	62	R	ed Pine	High	Variable	Sapling	
Bla	ck/Red (Hybrid) Oak	10	Pole	8				1		1	
50	42110 - Plar	nted Red F	Pine	Poletimb	er Well	34.8	60	81-110	N/A		Stand was third row thinned 3/2018.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Pine	100	Pole	8	60	Re	ed Maple	Low	< 5 feet	Sapling	
				'		North	ern Pin Oak	Low	Variable	Sapling	
51	4133 - Aspe	n, Mixed F	Pine	Poletimb	er Well	17.5	43	1-50	N/A		Very poor site, sandy soils.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Bigtooth Aspen	40	Pole	5	43	Re	ed Maple	Medium	Variable	Sapling	
Bla	ck/Red (Hybrid) Oak	5	Log	10		Black/Re	d (Hybrid) Oak	Low	Variable	Sapling	
	White Pine	10	Log/Pole	9		R	ed Pine	Low	Variable	Sapling	
	Red Pine	25	Pole	6							-
	Red Maple	20	Pole	6							
52	42260 - Natural Pir	ne, Mixed I	Deciduous Po	oletimber	Mediu	m 29.6	27	1-50	N/A		More pine to the north.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Bigtooth Aspen	30	Pole	5			ed Maple	Low	Variable	Sapling	
Bla	ck/Red (Hybrid) Oak	5	Log	12		Black/Re	d (Hybrid) Oak	Low	Variable	Sapling	
	Red Pine	45	Pole	6	27	R	ed Pine	Medium	Variable	Sapling	
	White Pine	20	Pole	6		WI	hite Pine	Medium	Variable	Sapling	
53	3103 - R	ubus-Fern		Nonsto	cked	1.6	0 U	nspecified	413 - Asp	en	Cut in 3/2018
						Sub-Ca	nopy Species	Density	Avg. Height	Size	Not considered to be a forested stand yet.
						Bigto	ooth Aspen	Full	Variable	Sapling	
						Re	ed Maple	Low	Variable	Sapling	
						Black/Re	d (Hybrid) Oak	Low	Variable	Sapling	
54	3102	- Grass		Nonsto	cked	0.9	U	nspecified	No	<u> </u>	Fire pit from locals. Trash is also present here from dumping and parties



Stand	d Level 4 Co	over Type		Size De	ensity	Acres	Stand Age	BA Range	Managed S	Site	General Comments
55	6139 - Mixed	Lowland Fo	orest	Sawtimb	er Well	8.6	74	81-110	N/A		Buffer along Elliot Creek.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Specie	s Density	Avg. Height	Size	
	Red Pine	25	Log	10		Re	d Maple	High	Variable	Sapling	
	White Pine	25	Log	10							
	Quaking Aspen	20	Pole/Log	8							
	Red Maple	30	Log	10	74						
56	6130 - Fir, <i>A</i>	Aspen, Map	ole	Poletimb	er Poor	1.9	53	1-50	N/A		Very wet and lots of Tag Alder.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Specie	s Density	Avg. Height	Size	
	Paper Birch	5	Pole	7		Re	d Maple	Low	Variable	Sapling	
	Quaking Aspen	20	Pole	6		Northern	White Cedar	r Low	Variable	Sapling	
	Balsam Poplar	20	Pole	6		Bals	am Poplar	Medium	Variable	Sapling	
	Balsam Fir	30	Pole	5	53	Ta	g Alder	Full	5 - 10 feet	Tall Shrub	
No	orthern White Cedar	15	Pole	7							-
	Black Spruce	10	Pole	6							
57	4130 -	- Aspen		Sapling	g Well	1.4	6	Immature	N/A		Harvested in 2015. Has a few overstory oak that were left from harvest.
	Canopy Species	% Cover	Size Class	DBH	l Age						
	Red Maple	15	Sapling	1							
	Bigtooth Aspen	80	Sapling	1	6						
Bla	ck/Red (Hybrid) Oak	5	Sapling	1							
58	4311 - Pine	•		Sawtimb			87	51-80	N/A		Very wet. Ground has not frozen at time of this inventory. Stand 11 has a steep drop off on the north side into stand 9, which would make
	Canopy Species		Size Class		l Age		nopy Specie		Avg. Height	Size	equipment access impossible.
	Red Maple	10	Pole	6			Beech	Low	< 5 feet	Sapling	
	Bigtooth Aspen	30	Pole	8			d (Hybrid) Oa	k Low	< 5 feet	Sapling	
Bla	ck/Red (Hybrid) Oak	10	Log	11			nite Pine	Low	< 5 feet	Sapling	
	Red Pine	40	Log	14	87	R	ed Pine	Low	< 5 feet	Sapling	
	White Pine	10	Log	12							
59	3302 - Low Dens	sity Conifer	Trees	Nonst	ocked	2.0	0	Unspecified	4133 - Aspen, N	Mixed Pine	Cut 3/2018. Let scattered red pine and few white pine. BA 1-50. Log
						Sub-Ca	nopy Specie	s Density	Avg. Height	Size	Sized frees.
						R	ed Pine	Low	>20 feet	Log	
						WI	nite Pine	Trace	>20 feet	Log	
					l						
					_	Bigto	oth Aspen	High	5 - 10 feet	Sapling	
										Sapling Sapling	
60	42210 - Natı	ural Red Pi	ne	Sawtimb	er Poor	Re	oth Aspen	High	5 - 10 feet		Harvested 3/2018
60	42210 - Nati		ne Size Class		er Poor	4.1	oth Aspen d Maple	High Medium 1-50	5 - 10 feet 5 - 10 feet		Harvested 3/2018 Good aspen and red maple regen. Moderately stocked.
60						4.1 Sub-Ca	oth Aspen d Maple 80	High Medium 1-50	5 - 10 feet 5 - 10 feet N/A	Sapling	



Stand	Level 4 C	Level 4 Cover Type			Size Density		Stand Age	BA Range	Managed Site		General Comments	MICHIGAN .
61	710 - Sand, Soil			Nonstocked		1.8	0	Unspecified	No		Being used as a shooting range and ORV's are using it as a small hill climb area.	
62	42210 - Natural Red Pine			Sawtimber Well		4.0	111	51-80	N/A		Part of stand 59 that was not harvested.	
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Specie	s Density	Avg. Height	Size		
	Quaking Aspen	10	Pole/Log	8		Re	d Maple	Low	Variable	Sapling		
	White Pine	30	Log	12		Pa	oer Birch	Low	Variable	Sapling		
	Red Pine	60	Log	14	111	Ва	lsam Fir	High	Variable	Sapling		
				,		WI	nite Pine	Low	Variable	Sapling		
63	4319 - Mixed	l Upland Fo	rest S	Sawtimb	er Well	6.3	103	111-140	N/A		Transition zone into a lowland.	
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Specie	s Density	Avg. Height	Size		
	Red Maple	20	Log/Pole	12		Ва	Isam Fir	Low	Variable	Sapling		
	Red Oak	15	Log/XLog	14		Wh	nite Pine	Low	Variable	Sapling		
	Bigtooth Aspen	10	Log	10				'	1	1		
	Red Pine	35	XLog	18	103							
No	rthern White Cedar	5	Pole	9								
	Black Spruce	10	Pole	6								
	Balsam Fir	5	Pole	6								
64	3302 - Low Den	ensity Conifer Trees		Nonsto	ocked	13.6	0	Unspecified	4136 - Aspen, Conife		Havested in 4/2018. Left maybe 10-20 BA of log sized pine. Aspen and red maple are majority of regen. Not considered a fo	rested
						Sub-Ca	nopy Specie	s Density	Avg. Height	Size	stand yet.	
						Wh	nite Pine	Low	>20 feet	Log		
						R	ed Pine	Low	>20 feet	Log		
65	123 - Other Hig	h Intensity	Urban	Nonsto	ocked	0.5	0	Unspecified	No		This could be on state land some. The building is very close to t	he line
66	42210 - Nat	tural Red Pi	ine F	Poletimb	er Well	4.3	74	111-140	N/A			
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Specie	s Density	Avg. Height	Size		
	Red Maple	10	Sapling/Pole	4		Ва	lsam Fir	Low	Variable	Sapling		
	Bigtooth Aspen	10	Sapling/Pole	4		Wł	nite Pine	Low	Variable	Sapling		
	Red Pine	80	Pole/Log	7	74						+	



Stand	Level 4 Co	ver Type		Size De	nsity	Acres	Stand Age	BA Range	Managed S	Site	General Comments
67	6127 - Lowland Pine)	Sawtimber Well		4.5	4.5 80	111-140	N/A		Only the ridge part of the stand is accessible to harvest. The rest is pretty
Ca	anopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	anopy Speci	es Density	Avg. Height	Size	wet. South part of stand is fairly steep as well.
Big	tooth Aspen	10	Pole/Log	9		Re	ed Maple	Medium	Variable	Sapling	
E	Balsam Fir	10	Pole	5		Black/Re	ed (Hybrid) O	ak Low	Variable	Sapling	
Northe	ern White Cedar	5	Pole	7		Ва	alsam Fir	High	Variable	Sapling	
\	White Pine	20	Pole/Log	7		H	Hemlock	Low	Variable	Sapling	
	Red Pine	30	Log	12	80	Norther	n White Ceda	ar Low	Variable	Sapling	
	Hemlock	10	Log	14				1	1		
Black/F	Red (Hybrid) Oak	15	Log	12							
68	3102 -	- Grass		Nonsto	ocked	0.3	0	Unspecified	No		Old landing
70	122 - Road	/Parking L	ot	Nonsto	ocked	7.2	0	Unspecified	No		