

Compartment Review Presentation

Cadillac Forest Management Unit

Compartment 63018 Entry Year 2023 Acreage: 1,532 County Lake

Management Area: Lake County Outwash

Revision Date: 2021-06-08

Stand Examiner: Ryan Adamczyk

Legal Description:

T19N- R13W, Sections 25, 26, 35 and 36, Lake County.

Identified Planning Goals:

Vegetation management in the Lake County Outwash management area (MA) (Figure 4.29.1) will provide forest products; maintain or enhance wildlife habitat; protect areas of unique threatened, endangered and special concern species; and provide for forest-based recreational uses. Timber management for this 10-year planning period will focus on harvesting older jack pine and balancing the age-class distribution of aspen. Wildlife habitat management objectives include perpetuating early-successional communities for species adapted to young forests for hunting and other wildlife-related recreation; maintaining soft and hard mast sources including oak; and preserving related recreational opportunity. Expected trends within this 10-year planning period are the need to minimize jack pine budworm damage by reducing the amount of more susceptible older jack pine; the need to regenerate oak and red pine; the need to target some accessible aspen in older age-classes for harvest; and increased recreational pressure. The Baldwin-Luther Swamp covers a large portion of the management area.

Soil and topography:

Compartment soils are primarily Rubicon sands. The topography ranges from rolling hills to slightly rolling hills.

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

The ownership around the compartment is mainly private recreation development (especially to the west and around Wolf Lake). Private development also occurs in the southern part of section 26 and the northern parts of sections 25 and 35.

Unique Natural Features:

This compartment contains broad moraine ridges, few kettle lakes, and somewhat excessively drained sand. There is potential for Dusted Skipper and Great Plains Spittlebug in grassy openings. Additionally, the Eastern Box Turtle has been located in portions of section 36.

Archeological, Historical, and Cultural Features:

There are no known significant historical features in this compartment.

Special Management Designations or Considerations:

The management of this compartment should continue towards mixed use.

Watershed and Fisheries Considerations:

There are no rivers or lakes within the boundaries of this compartment. However, Wolf Lake is located close to the west side of the compartment and offers good fishing opportunities for smallmouth bass, bluegill, and northern pike.

Wildlife Habitat Considerations:

Featured wildlife species in this Management Area are diverse reflecting the wide range of habitat types present. Featured Species for the MA include two which are not much of a focus in this compartment, Mallard and Wood duck. More applicable are American Martin, American Woodcock, Beaver, Black Bear, Eastern Massasauga rattlesnake, Goldenwinged warbler, Pileated woodpecker, Red-headed woodpecker, Ruffed Grouse, Snowshoe Hare, Wild Turkey, and White Tailed deer. Most of these species benefit from young forest and open types while some require some old trees for foraging and nest/den sites. Maintaining the opening types and balancing harvests with a diverse assortment of age classes in the timber types will meet the goals for these species.

Mineral Resource and Development Concerns and/or Restrictions

In this compartment, surface sediments consist of glacial outwash sand and gravel and postglacial alluvium and coarse-textured end moraine and glacial till. The glacial drift thickness varies between 400 and 600 feet. Beneath the glacial drift is the Mississippian Michigan Formation. The Michigan Formation is quarried for gypsum in other areas of the State. The nearest gravel pit is one-half mile to the south and potential in the compartment is considered to be good, especially the

south half. The nearest oil and gas production is Peacock Field located two miles to the northwest. The Peacock Field has produced over 1.6 million BO from the Devonian Traverse Limestone. None of the compartment is currently under lease.

Vehicle Access:

A forest road access plan is detailed on the compartment map. Identified are state and county roads as well as forest roads and trails under the jurisdiction of the DNR. Also indicated are forest roads and trails under the jurisdiction of the DNR that are proposed for abandonment. These roads were determined to be in excess of the access needs in the area, are a threat to the resources, or are a concern environmentally.

Survey Needs:

None needed.

Recreational Facilities and Opportunities:

The Little Manistee Snowmobile/ORV route and motorcycle trail run through section 36, providing motorized recreational opportunities year round. In the summer, the route is heavily used by ORVs and cycles. In winter, the Route is used by snowmobilers. Additionally, the area is used by hunters, berry pickers, and other recreational users.

Fire Protection:

Fuel type within this compartment would not support a crown fire. The mixture of private and state land ownership would be an urban interface concern. The compartment is divided with county and forest roads, making access good for fire equipment.

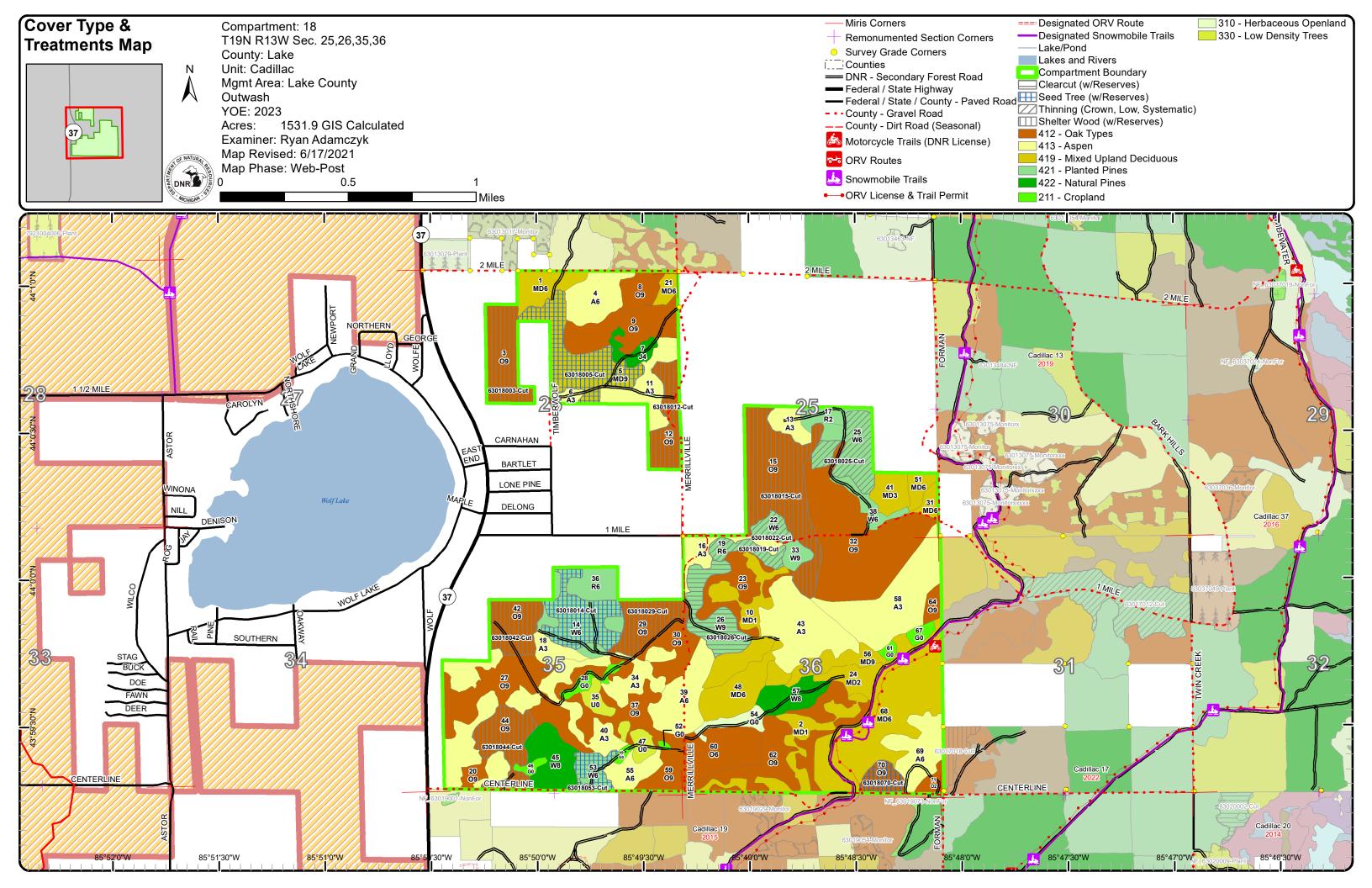
Additional Compartment Information:

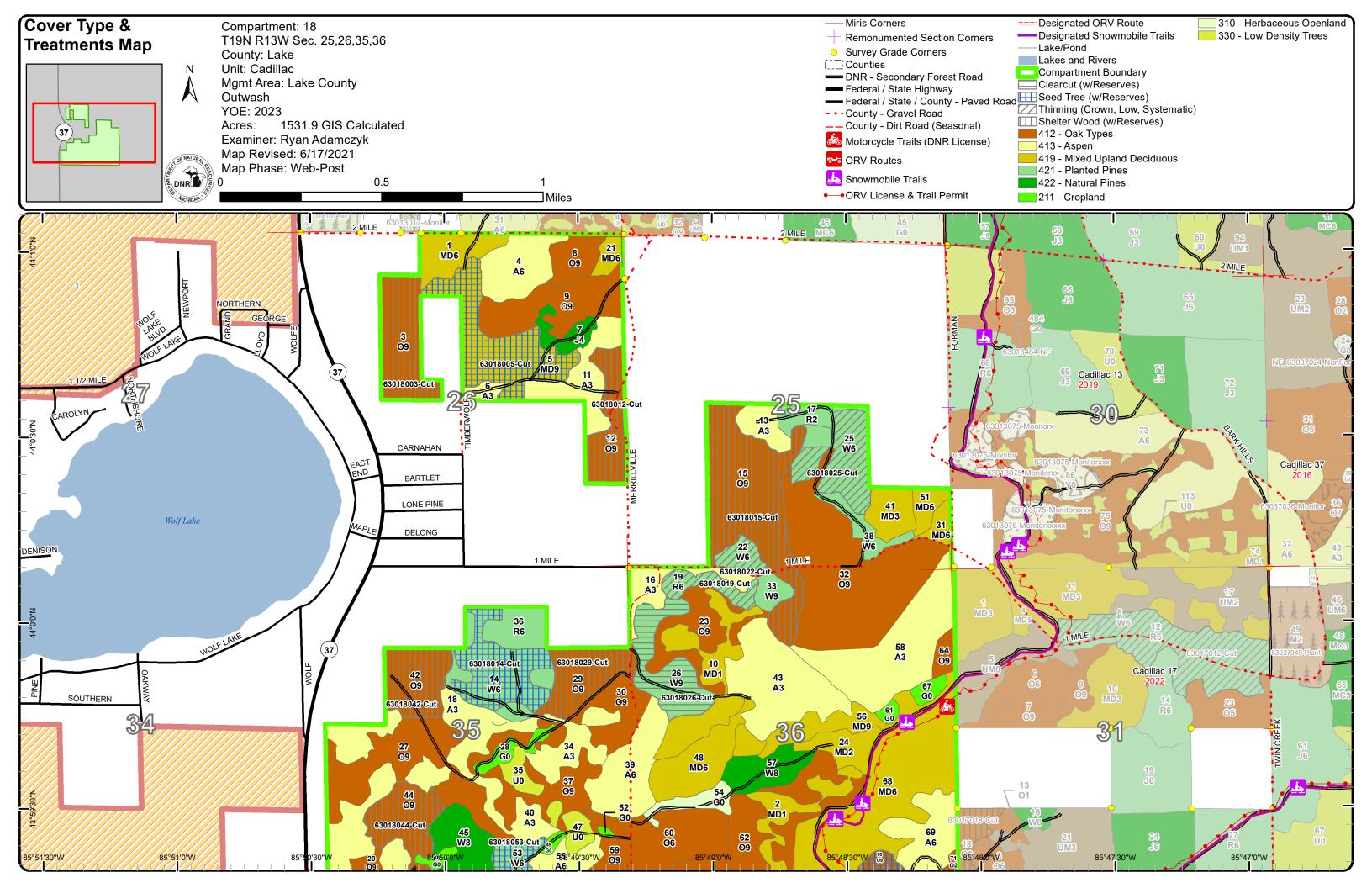
The following reports from the Inventory are attached:

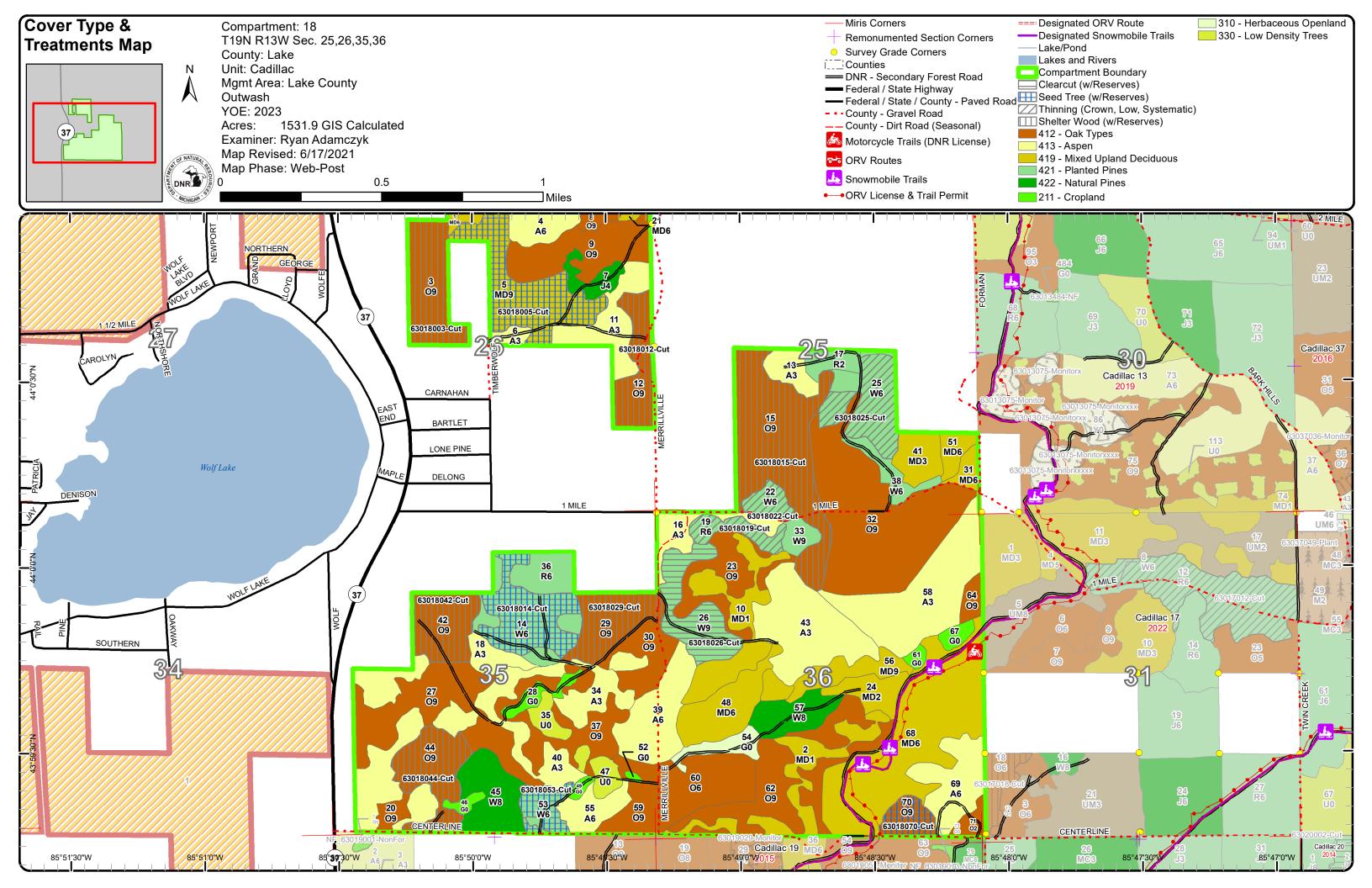
Total Acres by Cover Type and Age Class
Cover Type by Harvest Method
Proposed Treatments – No Limiting Factors
Proposed Treatments – With Limiting Factors
Stand Details (Forested and Nonforested)
Dedicated and Proposed Special Conservation Areas
Site Condition Details

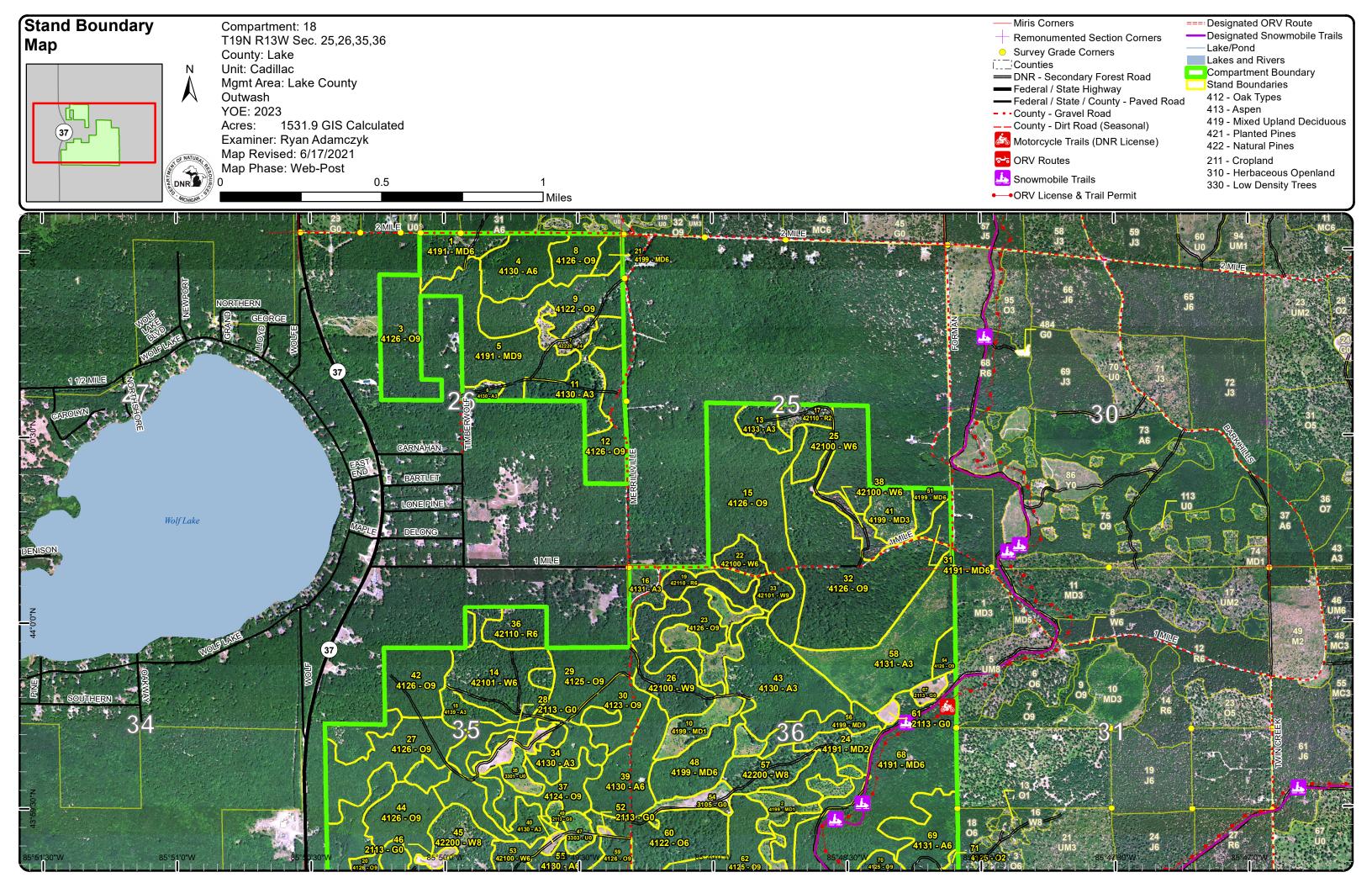
The following information is displayed, where pertinent, on the attached compartment maps:

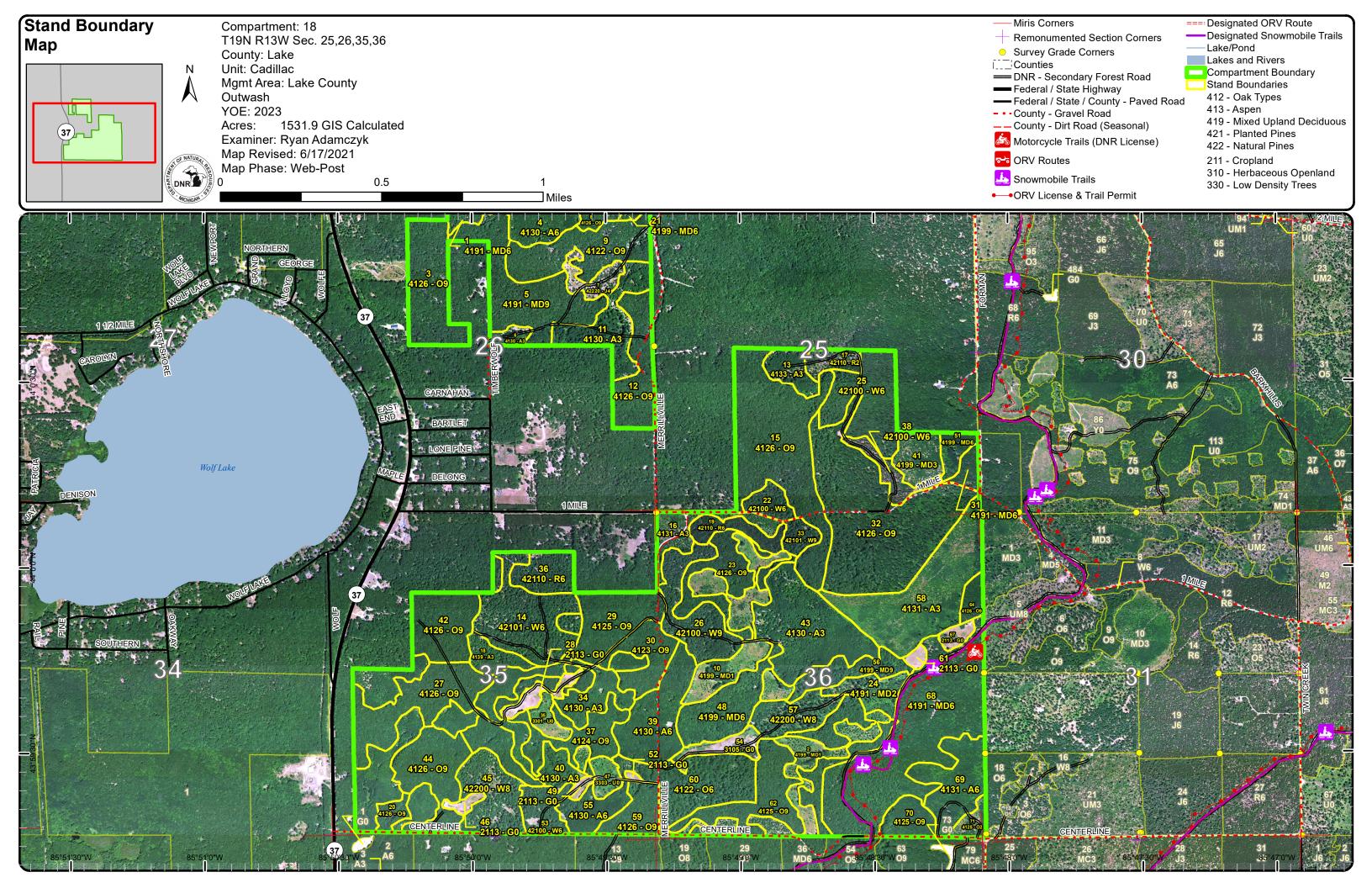
Base feature information, stand boundaries, cover types, and numbers Proposed treatments
Site condition boundaries
Details on the road access system

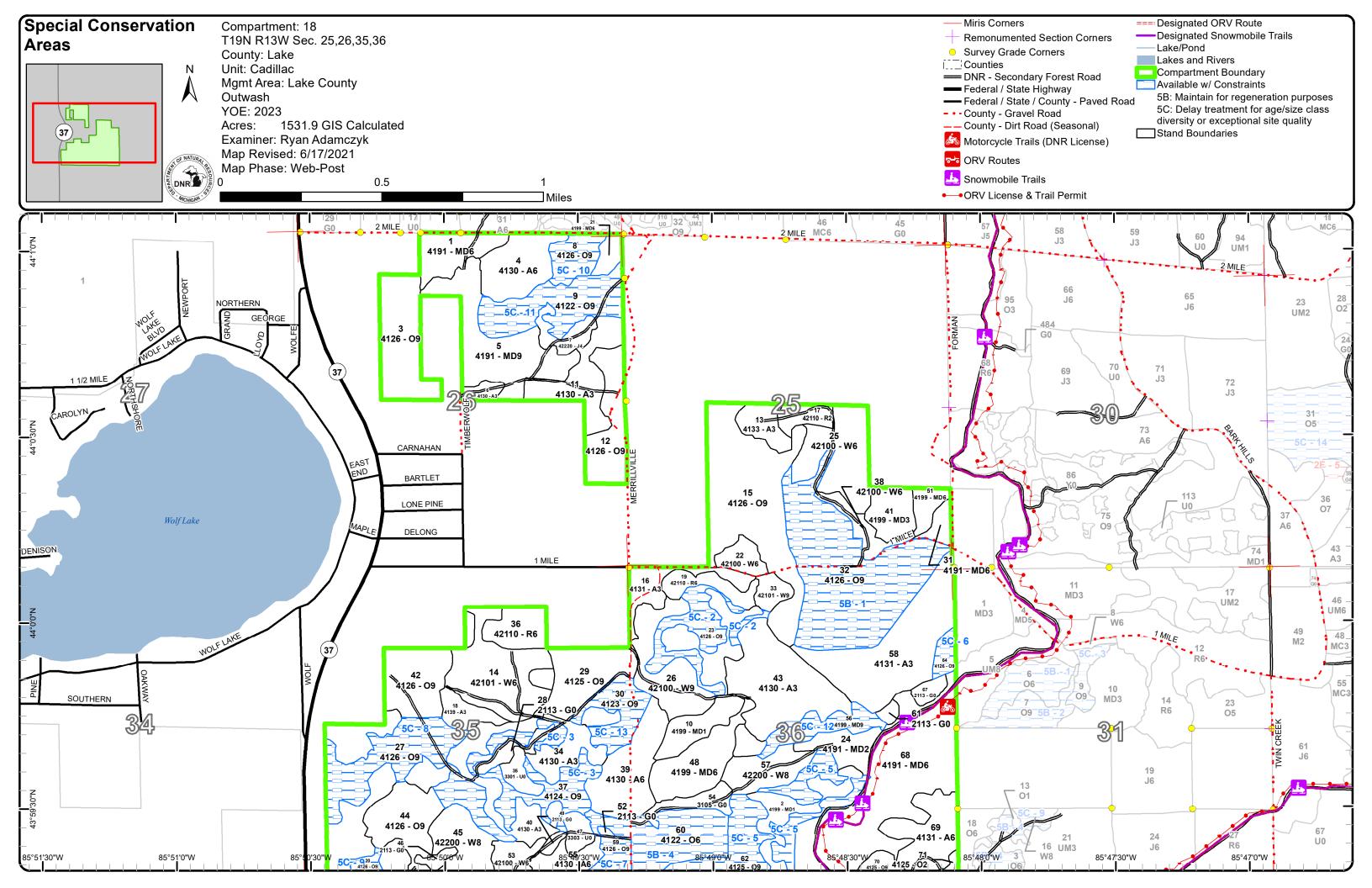


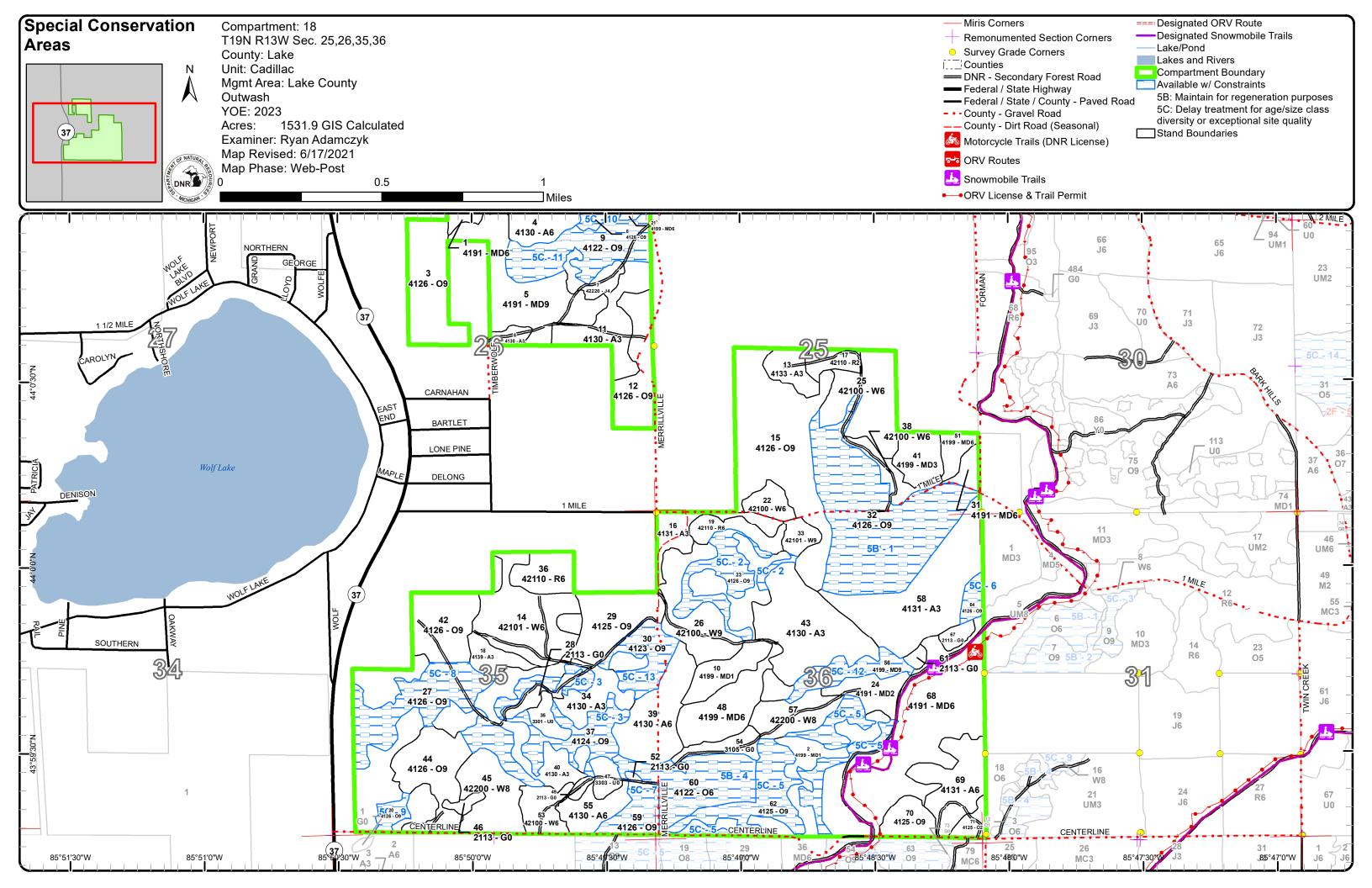












Cadillac Mgt. Unit Ryan Adamczyk: Examiner



Age Class

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	≱or €							ું / હ	\$ / K	8 / 8			Na.		, S		No.		Ex. Yag	
Aspen	0	0	72	180	52	48	0	0	0	0	0	0	0	0	0	0	0	0	352	/
Cropland	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	l
Herbaceous Openland	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	l
Jack Pine	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	ı
Low-Density Trees	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	l
Mixed Upland Deciduous	0	0	86	0	118	33	0	15	5	0	0	45	0	0	0	0	0	0	302	l
Oak	0	0	6	0	0	0	0	0	103	165	336	0	0	0	0	0	0	0	610	l
Red Pine	0	0	0	8	0	0	29	0	0	0	0	0	0	0	0	0	0	0	37	l
White Pine	0	0	0	0	0	33	105	0	17	26	0	0	0	0	0	0	0	0	180	l
Total	41	0	164	197	170	114	134	15	125	191	336	45	0	0	0	0	0	0	1530	



Report 2 - Treatment Summary

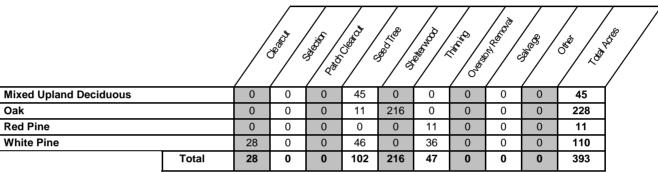
Cadillac Mgt. Unit Year of Entry: 2023

Acres of Harvest

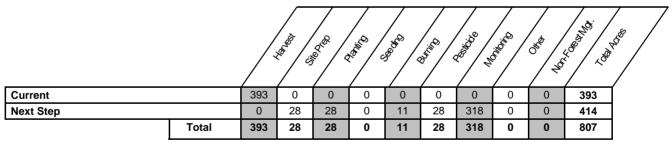
Compartment 18
Total Compartment Acres: 1,532

Commercial Harvest - 393 Harvests with Site Condition - 0 Next Step Harvest - 0 Habitat Cut - 0

Cover Type by Harvest Method



Proposed and Next Step Treatments by Method



Compartment: 18



S t					·				Year of Entry	r: 2023	DNR MICHIGAN
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
pos	ed Treatment	<u>s:</u>									
3	63018003-Cut	33.7	4126 - White, Black, N. Pin Oak	Sawtimbe Well	er 93	81-110	Harvest	Shelterwood	4191 - Mixed Upland Deciduous with Conifer	Even-Aged	l No
Pres Spe			imately 50% of crown	n cover (ha	rvesting	g to 30 to	40 BA). Leave	trees should be a r	mix of representativ	/e species. I	Expand
	t Step Monitori atments:	ng, Natu	ural Regen (Re-Inver	ntory)							
Acc Reg		en, whit	te pine, red maple								
Othe Con	<u>er</u> nment:										
Site	Condition										
Prop	oosed Start Date:	10/1 /2	022								
5	63018005-Cut	45.1	4191 - Mixed Upland Deciduous with Conifer	Sawtimbe Well	er 105	111- 140	Harvest	Seed Tree	4122 - Oak, Pine	Even-Aged	l No
Pres Spe			rchantable white pin	e < 18". Cu	t all asp	oen and re	ed maple. Do no	ot cut white oak or o	oak < 10". Mark to	leave 20 - 30) BA wher
	t Step Monitori atments:	ng, Natu	ıral Regen (Re-Inver	ntory)							
Acc Reg		white pi	ine, aspen, red mapl	е							
Othe Con	<u>er</u> nment:										
Site	Condition										
<u>Prop</u>	oosed Start Date:	10/1 /2	022								
12	63018012-Cut	25.1	4126 - White, Black, N. Pin Oak	Sawtimbe Well	er 96	111- 140	Harvest	Shelterwood	4191 - Mixed Upland Deciduous with	Even-Aged	l No

Deciduous with Conifer

Prescription Harvest to a residual BA of 30 to 40. Leave a mix of oak and pine. Expand aspen clones where applicable. Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable oak, aspen, white pine, red maple

Regen: <u>Other</u> Comment: Site Condition

Proposed Start Date: 10/1 /2022

<u>Treatments:</u>

Acceptable red pine

Regen:

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2022

22 63018022-Cut 7.9 42100 - Planted Poletimber 51 141- Harvest Systematic 4210 - Planted Even-Aged No White Pine Well 170 Thinning White Pine

Prescription Cut two leave two rows.

Specs:

Next Step Treatments:

Acceptable white pine

Regen:

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2022

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable oak sp., aspen, red maple

Other Comment:

Regen:

Site Condition

Proposed Start Date: 10/1 /2022

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Compartment: 18

Year of Entry: 2023

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a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
44	63018044-Cut	30.1	4126 - White, Black, N. Pin Oak	Sawtimbe Well	r 96	111- 140	Harvest	Shelterwood	412 - Oak Types	Two-Aged	No
Pre: Spe			to leave 40 - 50 BA. lones where applica		white o	ak or pine	. Cut all aspen	and red maple. Fo	cus retention on hi	gher quality r	ed oaks.
	<u>tt Step</u> Monito atments:	oring, Natu	ral Regen (Re-Inver	ntory)							
Acc Rec	<u>eptable</u> oak sp <u>jen:</u>	o., aspen, i	red maple								
Oth Con	<u>er</u> nment:										
Site	<u>Condition</u>										ļ
Pro	posed Start Date	e: 10/1 /2	022								
53	63018053-Cut	11.1	42100 - Planted White Pine	Poletimbe Well	r 50	111- 140	Harvest	Seed Tree	4122 - Oak, Pine	Even-Aged	l No
Pres Spe		white pine	e < 18". Require who	ole tree skid	lding to	prevent e	excess slash bu	ild up. Pile slash o	n landing in order t	o burn during	j winter.
	<u>st Step</u> Burn, s atments:	Slash; Mo	onitoring, Natural Re	gen (Re-Inv	entory)	١					
Acc Rec	<u>eptable</u> oak sp <u>jen:</u>	o., white oa	ak								
Oth Con	<u>er</u> nment:										
Site	<u>Condition</u>										
Pro	posed Start Date	<u>e:</u> 10/1 /2	022								
70	63018070-Cut	11.1	4125 - Black, N. Pin Oak	Sawtimbe Well	r 86	111- 140	Harvest	Seed Tree	4191 - Mixed Upland Deciduous with Conifer	Even-Aged	l No
Pre:		st to a BA	of 20 to 30. Expand	aspen clon	es whe	re applica	ble.				
	<u>ct Step</u> Monito atments:	oring, Natu	ral Regen (Re-Inver	ntory)							
Acc Rec		spen, whit	e pine, red maple								
Oth Con	<u>er</u> nment:										
Site	<u>Condition</u>										

Total Treatment 393.3 Acreage Proposed:

Proposed Start Date: 10/1 /2022

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Cadillac Mgt. Unit

Ryan Adamczyk: Examiner

Compartment: 18
Year of Entry: 2023

Availa	ability for	Managemer	nt				
Total	Acres	Acres Avail	Acres		Domina	nt Site	Conditions
Acres	Available	With Condition	Not Available		5B	5C	
352	352	0	0	Aspen			
18	18	0	0	Cropland			
9	9	0	0	Herbaceous Openland			
9	9	0	0	Jack Pine			
14	14	0	0	Low-Density Trees			
303	288	15	0	Mixed Upland Deciduous	0	15	
610	233	377	0	Oak	133	244	
37	37	0	0	Red Pine			
181	181	0	0	White Pine			
1,532	1,140	392		Total Forested Acres	133	259	
	74%	26%	0%	Relative Percent			•

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

	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Available	5B: Maintain for regeneration purposes	97	Unspecified	Unspecified	Unspecified	Unspecified
С	omments:						
2	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	23	Unspecified	Unspecified	Unspecified	Unspecified
С	omments:						
3	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	30	Unspecified	Unspecified	Unspecified	Unspecified
С	omments:						

Report 4 – Site Conditions

Cadillac Mgt. Unit
Ryan Adamczyk: Examiner

4	Available	5B: Maintain for regeneration purposes	36	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
5	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	51	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
6	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	5	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
7	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	13	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
8	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	49	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
9	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	5	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						

Report 4 – Site Conditions

Cadillac Mgt. Unit

Ryan Adamczyk: Examiner

10	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	13	Unspecified	Unspecified	Unspecified	Unspecified
C	omments:						
11	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	36	Unspecified	Unspecified	Unspecified	Unspecified
C	omments:						
12	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	15	Unspecified	Unspecified	Unspecified	Unspecified
C	omments:						
13	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	18	Unspecified	Unspecified	Unspecified	Unspecified
C	omments:						

Mgt. Unit

Compartment: #Type! Year of Entry:



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

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
Comments				

Mgt. Unit Compartment:
Year of Entry

Report 6 - EXISTING SPECIAL CONSERVATION AREA DETAILS



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

Conservation Type Description
Area

ERA = Ecological Reference Area

HCVA = High Conservation Value Area

SCA = Special Conservation Area

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Stand Level 4 C	over Type		Size De	ensity	Acres	Stand Age	BA Range	Managed \$	Site	General Comments
1 4191 - Mixed Upla	and Decidu onifer	uous with P	oletimb	er Well	17.8	37	51-80	N/A		Stand was treated in 1984 sale # "63-021-83", "37-2 Mile". Specs read cut all aspen, oak, and red maple.
Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
Black/Red (Hybrid) Oak	40	Pole/Sapling	5	37	Wite	ch Hazel	Low	5 - 10 feet	Tall Shrub	
Red Maple	15	Pole/Sapling	6						·	
Bigtooth Aspen	10	Pole/Sapling	6							
White Pine	25	Log/Pole	12							
White Oak	10	Sapling/Pole	5							
2 4199 - Other Mixe	d Upland D	Deciduous	Saplino	g Poor	25.9	15	Immature	N/A		Stand was treated in Summer 2006, timber sale #"63-001-04",
Canopy Species	% Cover	Size Class	DBH	l Age						"Centerline Gamble".
Red Maple	25	Sapling	2							
Black/Red (Hybrid) Oak	55	Sapling	2	15						
Black Cherry	10	Sapling	2							
Bigtooth Aspen	10	Sapling	2							
3 4126 - White, I	Black, N. P	in Oak S	awtimb	er Well	33.7	93	81-110	N/A		Average Lake County oak stand. There are some recent clear cuts on
Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	private land to the west of the stand.
White Oak	20	Log/Pole	12		Wh	ite Pine	Low	10 - 20 feet	Sapling	
Bigtooth Aspen	10	Log/Pole	14		Wite	ch Hazel	Low	5 - 10 feet	Tall Shrub	
Black/Red (Hybrid) Oak	65	Log	14	93						
White Pine	5	Pole	6							
4 4130	- Aspen	Р	oletimb	er Well	24.7	37	111-140	N/A		Stand was treated in 1984 sale # "63-021-83", "37-2 Mile". Specs read
Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	cut all aspen, oak, and red maple.
Red Maple	10	Pole	4		Wh	ite Pine	Low	5 - 10 feet	Sapling	
Bigtooth Aspen	80	Pole/Sapling	5	37	Wite	ch Hazel	Low	10 - 20 feet	Tall Shrub	
White Pine	10	Pole	6							
5 4191 - Mixed Upla Co	and Decidu onifer	uous with S	awtimb	er Well	45.1	105	111-140	N/A		
Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
White Oak	15	Log/Pole/XLog	14		Wh	ite Pine	High	Variable	Sapling	
Black/Red (Hybrid) Oak	41	Log/XLog/Pole	16	105	Wite	ch Hazel	Low	5 - 10 feet	Tall Shrub	
White Pine	35	Log/Pole/XLog	14		Black/Red	d (Hybrid) Oal	c Low	10 - 20 feet	Sapling	
Red Pine	2	XLog/Log	18		Red	d Maple	Low	Variable	Sapling	
Red Maple	5	Log/Pole	10							
Bigtooth Aspen	2	Log/Pole	12							

DEPARTMENT	NATURAL PROPERTY OF THE PROPER
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Stand	d Level 4 Co	over Type	;	Size De	nsity	Acres	Stand Age B	A Range	Managed S	Site	General Comments
6	4130	- Aspen		Sapling	Well	3.9	27	51-80	N/A		Stand was clearcut in 1994 sale # "63-021-93", "Grinch Pine & Hardwood".
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	naidwood .
	Bigtooth Aspen	60	Sapling	4	27	Witc	h Hazel	Low	5 - 10 feet	Tall Shrub	
	Red Maple	25	Sapling	3							
Blad	ck/Red (Hybrid) Oak	15	Sapling	2							
7	42220 - Nati	ural Jack P	ine P	oletimb	er Poor	8.5	27	1-50	N/A		Stand was clearcut in 1994 sale # "63-021-93", "Grinch Pine & Hardwood".
	Canopy Species	% Cover	Size Class	DBH	Age						naidwood .
	Jack Pine	65	Pole/Sapling	5	27						
	White Pine	25	Pole/Sapling	6							
Blad	ck/Red (Hybrid) Oak	10	Sapling	4							
8	4126 - White, E	Black, N. Pi	n Oak S	awtimb	er Well	12.8	78	81-110	N/A		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	
	White Oak	20	Pole	8		Whi	te Pine	Low	10 - 20 feet	Pole	
Blac	ck/Red (Hybrid) Oak	70	Log/Pole	10	78						
	White Pine	10	Pole	6							
9	4122 - (Dak, Pine	S	awtimb	er Well	35.7	78	81-110	N/A		Large oak/pine stand. Some areas with dense pine. Hold for next YO
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	
	White Oak	10	Log/Pole	10		Whi	te Pine	Medium	10 - 20 feet	Sapling	
Blad	ck/Red (Hybrid) Oak	55	Log/Pole	10	78	Witc	h Hazel	Low	5 - 10 feet	Tall Shrub	
	White Pine	20	Pole/Log	8							
	Red Pine	5	Log	18							
		5	Log	10							
	Jack Pine	5	Pole	6							
10	Jack Pine	5 5	Pole Log	6	Poor	35.5	15 lı	mmature	N/A		Stand was treated in Summer 2006, timber sale #"63-001-04",
10	Jack Pine Bigtooth Aspen	5 5 d Upland D	Pole Log	6 12 Sapling	Poor Age	35.5	15 lı	mmature	N/A		Stand was treated in Summer 2006, timber sale #"63-001-04", "Centerline Gamble".
10	Jack Pine Bigtooth Aspen 4199 - Other Mixed	5 5 d Upland D	Pole Log eciduous	6 12 Sapling		35.5	15 lı	mmature	N/A		
	Jack Pine Bigtooth Aspen 4199 - Other Mixed Canopy Species	5 5 d Upland D % Cover	Pole Log eciduous Size Class	6 12 Sapling DBH		35.5	15 lı	mmature	N/A		
	Jack Pine Bigtooth Aspen 4199 - Other Mixed Canopy Species Red Maple	5 5 Upland D % Cover 25	Pole Log eciduous Size Class Sapling	6 12 Sapling DBH 2	Age	35.5	15 lı	mmature	N/A		
	Jack Pine Bigtooth Aspen 4199 - Other Mixed Canopy Species Red Maple ack/Red (Hybrid) Oak	5 5 6 40 5 5 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Pole Log eciduous Size Class Sapling Sapling	6 12 Sapling DBH 2 2	Age	35.5	15 lı	mmature	N/A		
Blac	Jack Pine Bigtooth Aspen 4199 - Other Mixed Canopy Species Red Maple ack/Red (Hybrid) Oak Black Cherry Bigtooth Aspen	5 5 d Upland D % Cover 25 40 10	Pole Log eciduous Size Class Sapling Sapling Sapling	6 12 Sapling DBH 2 2 2 2	Age	35.5	15 lı	mmature 51-80	N/A		"Centerline Gamble". Stand was clearcut in 1994 sale # "63-021-93", "Grinch Pine &
Blac	Jack Pine Bigtooth Aspen 4199 - Other Mixed Canopy Species Red Maple ack/Red (Hybrid) Oak Black Cherry Bigtooth Aspen	5 5 d Upland D % Cover 25 40 10 25	Pole Log eciduous Size Class Sapling Sapling Sapling Sapling Sapling	Sapling DBH 2 2 2 2 2 Sapling	Age	24.6				Size	"Centerline Gamble".
	Jack Pine Bigtooth Aspen 4199 - Other Mixed Canopy Species Red Maple ick/Red (Hybrid) Oak Black Cherry Bigtooth Aspen	5 5 40 10 25 - Aspen	Pole Log eciduous Size Class Sapling Sapling Sapling Sapling Sapling	Sapling DBH 2 2 2 2 2 Sapling	Age 15 Well	24.6 Sub-Can	27	51-80	N/A	Size Sapling	"Centerline Gamble". Stand was clearcut in 1994 sale # "63-021-93", "Grinch Pine &
Blac	Jack Pine Bigtooth Aspen 4199 - Other Mixed Canopy Species Red Maple Ick/Red (Hybrid) Oak Black Cherry Bigtooth Aspen 4130 - Canopy Species	5 5 d Upland D % Cover 25 40 10 25 - Aspen % Cover	Pole Log eciduous Size Class Sapling Sapling Sapling Sapling Sapling	Sapling DBH 2 2 2 2 2 Sapling DBH	Age 15 Well	24.6 Sub-Can	27 opy Species	51-80 Density	N/A Avg. Height		"Centerline Gamble". Stand was clearcut in 1994 sale # "63-021-93", "Grinch Pine &
Blace	Jack Pine Bigtooth Aspen 4199 - Other Mixed Canopy Species Red Maple ack/Red (Hybrid) Oak Black Cherry Bigtooth Aspen 4130 - Canopy Species Red Maple	5 5 Upland D **Cover 25 40 10 25 - Aspen **Cover 20	Pole Log eciduous Size Class Sapling Sapling Sapling Sapling Sapling	Sapling DBH 2 2 2 2 Sapling DBH 3	15 Well	24.6 Sub-Can	27 opy Species	51-80 Density	N/A Avg. Height		"Centerline Gamble". Stand was clearcut in 1994 sale # "63-021-93", "Grinch Pine &



Stand	Level 4 Co	over Type	S	ize De	nsity	Acres	Stand Age B	A Range	Managed S	Site	General Comments
12	4126 - White, B	Black, N. Pi	in Oak Sa	wtimb	er Well	25.1	96	111-140	N/A		
(Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
	Red Maple	15	Pole	6		Red	d Maple	Low	10 - 20 feet	Sapling	
	White Oak	20	Log	12		Wh	ite Pine	Low	10 - 20 feet	Sapling	
В	Bigtooth Aspen	15	Log	12		Wito	ch Hazel	Low	10 - 20 feet	Tall Shrub	
Black	k/Red (Hybrid) Oak	40	Log	16	96						
	White Pine	5	Pole	8							
	Red Pine	5	Log	18							
13	4133 - Aspe	n, Mixed P	Pine S	Sapling	y Well	10.4	28	1-50	N/A		Stand was clearcut in 1993, sale # "63-022-93", "North Edge Pine & Hardwood".
(Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	Haluwood .
	Red Maple	5	Sapling	4		Wh	ite Pine	Low	< 5 feet	Sapling	
В	Bigtooth Aspen	70	Sapling	4	28						
	White Pine	25	Pole	8							
14	42101 - Planted \	White Pine	e, Mixed Po	letimb	er Well	40.3	50	111-140	N/A		Stand was previously harvested as a shelterwood cut in 1996 sale # "63-
											016-93", "White Pine Farms". The majority of the oak and some pine
(Canopy Species	% Cover	Size Class	DBH	Age		nopy Species	Density	Avg. Height	Size	was removed, with the retention being mainly a white/red pine mix. The
	Canopy Species White Oak	% Cover	Log/Pole	12	Age	Red	d Maple	Medium	10 - 20 feet	Sapling	
	Canopy Species White Oak k/Red (Hybrid) Oak	% Cover 10 15	Log/Pole Log	12 14		Red					was removed, with the retention being mainly a white/red pine mix. The
	Canopy Species White Oak	% Cover	Log/Pole	12	Age 50	Red	d Maple	Medium	10 - 20 feet	Sapling	was removed, with the retention being mainly a white/red pine mix. The
	Canopy Species White Oak k/Red (Hybrid) Oak	% Cover 10 15 70	Log/Pole Log Log/Pole/XLog	12 14 10		Red	d Maple d (Hybrid) Oak	Medium	10 - 20 feet	Sapling	was removed, with the retention being mainly a white/red pine mix. The
Black	Canopy Species White Oak k/Red (Hybrid) Oak White Pine	% Cover 10 15 70 Black, N. Pi	Log/Pole Log Log/Pole/XLog	12 14 10 wtimb	50	Red Black/Red 75.4	d Maple d (Hybrid) Oak	Medium Medium	10 - 20 feet 10 - 20 feet	Sapling	was removed, with the retention being mainly a white/red pine mix. The
Black	Canopy Species White Oak k/Red (Hybrid) Oak White Pine 4126 - White, E	% Cover 10 15 70 Black, N. Pi	Log/Pole Log Log/Pole/XLog in Oak Sa	12 14 10 wtimb	50 er Well	Red Black/Red 75.4 Sub-Car	d Maple d (Hybrid) Oak	Medium Medium 81-110	10 - 20 feet 10 - 20 feet N/A	Sapling Sapling	was removed, with the retention being mainly a white/red pine mix. The
Black	Canopy Species White Oak K/Red (Hybrid) Oak White Pine 4126 - White, E Canopy Species	% Cover	Log/Pole Log Log/Pole/XLog in Oak Sa Size Class	12 14 10 wtimb	50 er Well	Red Black/Red 75.4 Sub-Car	d Maple d (Hybrid) Oak 91 nopy Species	Medium Medium 81-110 Density	10 - 20 feet 10 - 20 feet N/A Avg. Height	Sapling Sapling	was removed, with the retention being mainly a white/red pine mix. The
Black	Canopy Species White Oak k/Red (Hybrid) Oak White Pine 4126 - White, E Canopy Species Red Maple	% Cover	Log/Pole Log Log/Pole/XLog in Oak Sa Size Class Pole/Log	12 14 10 wtimb	50 er Well	75.4 Sub-Car Rec Wh	d Maple d (Hybrid) Oak 91 nopy Species d Maple	Medium Medium 81-110 Density Low	10 - 20 feet 10 - 20 feet N/A Avg. Height 10 - 20 feet	Sapling Sapling Size Sapling	was removed, with the retention being mainly a white/red pine mix. The canopy gaps are regenerating to a mix of black oak and red maple.
Black	Canopy Species White Oak k/Red (Hybrid) Oak White Pine 4126 - White, E Canopy Species Red Maple White Oak	% Cover	Log/Pole Log Log/Pole/XLog in Oak Size Class Pole/Log Log/Pole/XLog	12 14 10 wtimb DBH 8 12	50 er Well	75.4 Sub-Car Rec Wh	d Maple d (Hybrid) Oak 91 nopy Species d Maple ite Pine	Medium Medium 81-110 Density Low Low	10 - 20 feet 10 - 20 feet N/A Avg. Height 10 - 20 feet 10 - 20 feet	Sapling Sapling Size Sapling Pole	was removed, with the retention being mainly a white/red pine mix. The canopy gaps are regenerating to a mix of black oak and red maple.
Black	Canopy Species White Oak k/Red (Hybrid) Oak White Pine 4126 - White, B Canopy Species Red Maple White Oak Bigtooth Aspen	% Cover 10 15 70 Black, N. Pr % Cover 10 20 5	Log/Pole Log Log/Pole/XLog in Oak Size Class Pole/Log Log/Pole/XLog	12 14 10 wtimb DBH 8 12 12	50 er Well	75.4 Sub-Car Rec Wh	d Maple d (Hybrid) Oak 91 nopy Species d Maple ite Pine	Medium Medium 81-110 Density Low Low	10 - 20 feet 10 - 20 feet N/A Avg. Height 10 - 20 feet 10 - 20 feet	Sapling Sapling Size Sapling Pole	was removed, with the retention being mainly a white/red pine mix. The canopy gaps are regenerating to a mix of black oak and red maple.
Black	Canopy Species White Oak k/Red (Hybrid) Oak White Pine 4126 - White, E Canopy Species Red Maple White Oak Bigtooth Aspen k/Red (Hybrid) Oak Red Oak	% Cover 10 15 70 Black, N. Pr % Cover 10 20 5 60	Log/Pole Log Log/Pole/XLog in Oak Sa Size Class Pole/Log Log/Pole/XLog Log/Pole/XLog Log/Pole/XLog Log/Pole	12 14 10 wwtimb DBH 8 12 12 14	50 er Well Age	75.4 Sub-Car Rec Wh	d Maple d (Hybrid) Oak 91 nopy Species d Maple dite Pine ch Hazel	Medium Medium 81-110 Density Low Low	10 - 20 feet 10 - 20 feet N/A Avg. Height 10 - 20 feet 10 - 20 feet	Sapling Sapling Size Sapling Pole	was removed, with the retention being mainly a white/red pine mix. The canopy gaps are regenerating to a mix of black oak and red maple. Stand was cut in winter 2005/2006, timber sale #"63-009-04", "18
Black Black	Canopy Species White Oak k/Red (Hybrid) Oak White Pine 4126 - White, E Canopy Species Red Maple White Oak Bigtooth Aspen k/Red (Hybrid) Oak Red Oak	% Cover	Log/Pole Log Log/Pole/XLog in Oak Sa Size Class Pole/Log Log/Pole/XLog Log/Pole/XLog Log/Pole/XLog Log/Pole	12 14 10 wtimb BBH 8 12 12 14 14	50 er Well Age	75.4 Sub-Car Rec Wh	91 nopy Species d Maple d Maple site Pine ch Hazel	Medium Medium 81-110 Density Low Low Low	10 - 20 feet 10 - 20 feet N/A Avg. Height 10 - 20 feet 10 - 20 feet 5 - 10 feet	Sapling Sapling Size Sapling Pole	was removed, with the retention being mainly a white/red pine mix. The canopy gaps are regenerating to a mix of black oak and red maple.
Black Black	Canopy Species White Oak k/Red (Hybrid) Oak White Pine 4126 - White, E Canopy Species Red Maple White Oak Bigtooth Aspen k/Red (Hybrid) Oak Red Oak 4131 - A	% Cover	Log/Pole Log Log/Pole/XLog in Oak Sa Size Class Pole/Log Log/Pole/XLog Log Log/Pole/XLog Log/Pole/XLog Log/Pole	12 14 10 wtimb BBH 8 12 12 14 14	50 er Well 91 91 ywell	75.4 Sub-Car Rec Wh	91 nopy Species d Maple d Maple site Pine ch Hazel	Medium Medium 81-110 Density Low Low Low	10 - 20 feet 10 - 20 feet N/A Avg. Height 10 - 20 feet 10 - 20 feet 5 - 10 feet	Sapling Sapling Size Sapling Pole	was removed, with the retention being mainly a white/red pine mix. The canopy gaps are regenerating to a mix of black oak and red maple. Stand was cut in winter 2005/2006, timber sale #"63-009-04", "18
Black Black	Canopy Species White Oak k/Red (Hybrid) Oak White Pine 4126 - White, B Canopy Species Red Maple White Oak Bigtooth Aspen k/Red (Hybrid) Oak Red Oak 4131 - A: Canopy Species	% Cover	Log/Pole Log Log/Pole/XLog in Oak Size Class Pole/Log Log/Pole/XLog Log Log/Pole/XLog Size Class Size Class	12 14 10 wtimb BH 8 12 12 14 14 14 Sapling	50 er Well 91 91 ywell	75.4 Sub-Car Rec Wh	91 nopy Species d Maple d Maple site Pine ch Hazel	Medium Medium 81-110 Density Low Low Low	10 - 20 feet 10 - 20 feet N/A Avg. Height 10 - 20 feet 10 - 20 feet 5 - 10 feet	Sapling Sapling Size Sapling Pole	was removed, with the retention being mainly a white/red pine mix. The canopy gaps are regenerating to a mix of black oak and red maple. Stand was cut in winter 2005/2006, timber sale #"63-009-04", "18



Stand	Level 4 Co	over Type		Size De	ensity	Acres	Stand Age B	A Range	Managed \$	Site	General Comments
17	42110 - Plar	nted Red P	ine S	Sapling	Medium	7.7	25	51-80	N/A		Small planted stand. Mix of red pine and jack pine.
	Canopy Species	% Cover	Size Class	DBH	l Age						
Blad	ck/Red (Hybrid) Oak	10	Sapling	3							
	Red Pine	65	Sapling/Pole	4	25						
	Jack Pine	15	Sapling/Pole	4							
	White Pine	10	Pole/Sapling	7							
18	4139 - Aspen, I	Mixed Deci	duous	Saplin	g Well	9.2	25	51-80	N/A		Stand was clearcut in 1996 with timber sale # "63-031-93", "Stepping 3 Stone Oak". Some scattered large black oak in overstory.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Maple	30	Sapling	3		Wit	tch Hazel	Low	5 - 10 feet	Tall Shrub	
	Bigtooth Aspen	40	Sapling	3	25						
Blad	ck/Red (Hybrid) Oak	15	Sapling	2							
	White Pine	10	Sapling	2							
Blac	ck/Red (Hybrid) Oak	5	Log	12							
19	42110 - Plar	nted Red P	ine F		er Well	10.7	59	111-140	N/A		Stand was planted to red pine in 1962 per FTP.
	Canopy Species	% Cover	Size Class		l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	White Oak	5	Log	12		W	hite Pine	Low	Variable	Sapling	
Blad	ck/Red (Hybrid) Oak	5	Log/Pole	14							
	White Pine	15	Pole	8							
	Red Pine	70	Pole/Log	9	59						
	Bigtooth Aspen	5	Log/Pole	12							
20	4126 - White, E	Black, N. Pi	n Oak	Sawtimb	er Well	5.0	78	81-110	N/A		
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Maple	5	Log/Pole	10		W	hite Pine	Low	10 - 20 feet	Pole	
	White Oak	25	Log/Pole	10		Wit	tch Hazel	Low	5 - 10 feet	Tall Shrub	
	Bigtooth Aspen	5	Log	12							
Blad	ck/Red (Hybrid) Oak	55	Log/Pole	10	78						
	Red Oak	10	Log/Pole	10							
21	4199 - Other Mixed	d Upland D	eciduous F	Poletimb	er Well	5.3	37	51-80	N/A		Stand was treated in 1984 sale # "63-021-83", "37-2 Mile". Specs read
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	cut all aspen, oak, and red maple.
	White Oak	10	Pole/Sapling	5		W	hite Pine	Low	10 - 20 feet	Sapling	
Blad	ck/Red (Hybrid) Oak	25	Pole/Sapling	5		Wit	tch Hazel	Low	5 - 10 feet	Tall Shrub	
	White Pine	10	Log/Pole	10							-
	Red Maple	25	Pole/Sapling	6							



Stanc	Level 4 Co	over Type		Size De	ensity	Acres	Stand Age B	A Kange	Managed S	Site	General Comments
22	42100 - Plant	ted White F	Pine I	Poletimb	er Well	7.9	51	141-170	N/A		Cut 2 leave 2 rows.
	Canopy Species	% Cover	Size Class	DBH	I Age						
	Bigtooth Aspen	5	Pole	8							
Bla	ck/Red (Hybrid) Oak	5	Log/Pole	10							
	White Pine	90	Pole	8	51						
23	4126 - White, B	Black, N. Pi	n Oak	Sawtimb	er Well	23.3	83	111-140	N/A		Stand adjoins recent clear cut patches.
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Maple	10	Pole	6		WI	hite Pine	Low	10 - 20 feet	Sapling	
	White Oak	20	Log/Pole	12		Wit	tch Hazel	Low	5 - 10 feet	Tall Shrub	
Bla	ck/Red (Hybrid) Oak	45	Log	14	83						
	Bigtooth Aspen	5	Log/Pole	10							
	White Pine	5	Pole/Log	8							
	Red Oak	15	Log	14							
24	4191 - Mixed Upla Co	and Decidu	ous with	Sapling	Medium	12.4	15	1-50	N/A		Stand was cut in winter 2005/2006, timber sale #"63-009-04", "18 Combo". Oak was harvested and a mix of pine was left (some former
24	Canopy Species	nifer % Cover	Size Class	DBI	I Age	12.4	15	1-50	N/A		Stand was cut in winter 2005/2006, timber sale #"63-009-04", "18 Combo". Oak was harvested and a mix of pine was left (some former plantation). Decent oak regeneration (stump sprouts) in many of the openings.
24	Co Canopy Species White Pine	% Cover	Size Class Log	DBI		12.4	15	1-50	N/A		Combo". Oak was harvested and a mix of pine was left (some former plantation). Decent oak regeneration (stump sprouts) in many of the
24	Canopy Species White Pine Red Pine	% Cover 25 5	Size Class Log Log/Pole	DBH 14 10	I Age	12.4	15	1-50	N/A		Combo". Oak was harvested and a mix of pine was left (some former plantation). Decent oak regeneration (stump sprouts) in many of the
	Canopy Species White Pine Red Pine Jack Pine	% Cover 25 5 5	Size Class Log Log/Pole Sapling	DBH 14 10 3	72	12.4	15	1-50	N/A		Combo". Oak was harvested and a mix of pine was left (some former plantation). Decent oak regeneration (stump sprouts) in many of the
	Co Canopy Species White Pine Red Pine Jack Pine ck/Red (Hybrid) Oak	**Cover 25 5 5 30	Size Class Log Log/Pole Sapling Sapling	DBH 14 10 3 2	I Age	12.4	15	1-50	N/A		Combo". Oak was harvested and a mix of pine was left (some former plantation). Decent oak regeneration (stump sprouts) in many of the
	Canopy Species White Pine Red Pine Jack Pine ck/Red (Hybrid) Oak Bigtooth Aspen	% Cover 25 5 5 30 10	Size Class Log Log/Pole Sapling Sapling Sapling	DBH 14 10 3 2 3	72	12.4	15	1-50	N/A		Combo". Oak was harvested and a mix of pine was left (some former plantation). Decent oak regeneration (stump sprouts) in many of the
	Co Canopy Species White Pine Red Pine Jack Pine ck/Red (Hybrid) Oak	**Cover 25 5 5 30	Size Class Log Log/Pole Sapling Sapling	DBH 14 10 3 2	72	12.4	15	1-50	N/A		Combo". Oak was harvested and a mix of pine was left (some former plantation). Decent oak regeneration (stump sprouts) in many of the
Bla	Canopy Species White Pine Red Pine Jack Pine ck/Red (Hybrid) Oak Bigtooth Aspen	% Cover 25 5 5 30 10 15	Log Log/Pole Sapling Sapling Sapling Sapling Sapling	DBH 14 10 3 2 3	72 15	12.4		1-50 141-170	N/A		Combo". Oak was harvested and a mix of pine was left (some former plantation). Decent oak regeneration (stump sprouts) in many of the
Bla	Canopy Species White Pine Red Pine Jack Pine ck/Red (Hybrid) Oak Bigtooth Aspen Red Maple	% Cover 25 5 5 30 10 15 ted White F	Log Log/Pole Sapling Sapling Sapling Sapling Sapling	DBH 14 10 3 2 3 3 3	72 15	32.9				Size	Combo". Oak was harvested and a mix of pine was left (some former plantation). Decent oak regeneration (stump sprouts) in many of the openings.
Bla 25	Co Canopy Species White Pine Red Pine Jack Pine ck/Red (Hybrid) Oak Bigtooth Aspen Red Maple 42100 - Plant	% Cover 25 5 5 30 10 15 ted White F	Size Class Log Log/Pole Sapling Sapling Sapling Sapling Sapling	DBH 14 10 3 2 3 3 3	72 15 er Well	32.9 Sub-Ca	48	141-170	N/A	Size Tall Shrub	Combo". Oak was harvested and a mix of pine was left (some former plantation). Decent oak regeneration (stump sprouts) in many of the openings. Cut 2 leave 2 rows.
Bla 25	Co Canopy Species White Pine Red Pine Jack Pine ck/Red (Hybrid) Oak Bigtooth Aspen Red Maple 42100 - Plant Canopy Species	% Cover 25 5 5 30 10 15 ted White F	Size Class Log Log/Pole Sapling Sapling Sapling Sapling Sapling Sapling	DBH	72 15 er Well	32.9 Sub-Ca	48 Inopy Species	141-170 Density	N/A Avg. Height		Combo". Oak was harvested and a mix of pine was left (some former plantation). Decent oak regeneration (stump sprouts) in many of the openings. Cut 2 leave 2 rows.
25 Bla	Co Canopy Species White Pine Red Pine Jack Pine ck/Red (Hybrid) Oak Bigtooth Aspen Red Maple 42100 - Plant Canopy Species ck/Red (Hybrid) Oak White Pine 42100 - Plant	% Cover	Size Class Log Log/Pole Sapling Sapling Sapling Sapling Sapling Pine Size Class Log Pole/Log	14	1 Age 72 15 15 16 16 16 16 16 16 16 16 16 16 16 16 16	32.9 Sub-Ca Wit	48 Inopy Species tch Hazel	141-170 Density Low 81-110	N/A Avg. Height 5 - 10 feet N/A	Tall Shrub	Combo". Oak was harvested and a mix of pine was left (some former plantation). Decent oak regeneration (stump sprouts) in many of the openings. Cut 2 leave 2 rows. Stand was treated in 1984 sale # "63-022-83", "57 Chevy Pine Release".
25 Bla	Canopy Species White Pine Red Pine Jack Pine Ck/Red (Hybrid) Oak Bigtooth Aspen Red Maple 42100 - Plant Canopy Species Ck/Red (Hybrid) Oak White Pine 42100 - Plant Canopy Species	% Cover 25 5 30 10 15 ted White F 95 ted White F % Cover 5 95 ted White F % Cover	Log Log/Pole Sapling Sapling Sapling Sapling Sapling Sapling Pine Size Class Log Pole/Log Pine Size Class	14	1 Age 72 15 15 1 Age 48	32.9 Sub-Ca With 28.1 Sub-Ca	48 Inopy Species tch Hazel 59 Inopy Species	141-170 Density Low 81-110 Density	N/A Avg. Height 5 - 10 feet N/A Avg. Height	Tall Shrub	Combo". Oak was harvested and a mix of pine was left (some former plantation). Decent oak regeneration (stump sprouts) in many of the openings. Cut 2 leave 2 rows.
Bla	Co Canopy Species White Pine Red Pine Jack Pine ck/Red (Hybrid) Oak Bigtooth Aspen Red Maple 42100 - Plant Canopy Species ck/Red (Hybrid) Oak White Pine 42100 - Plant	% Cover	Size Class Log Log/Pole Sapling Sapling Sapling Sapling Sapling Pine Size Class Log Pole/Log	14	15 15 Age 48 er Well Age	32.9 Sub-Ca With 28.1 Sub-Ca	48 Inopy Species tch Hazel	141-170 Density Low 81-110	N/A Avg. Height 5 - 10 feet N/A	Tall Shrub	Combo". Oak was harvested and a mix of pine was left (some former plantation). Decent oak regeneration (stump sprouts) in many of the openings. Cut 2 leave 2 rows. Stand was treated in 1984 sale # "63-022-83", "57 Chevy Pine Release". Specs read cut all oak and red maple. Stand was planted to white pine in

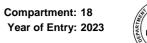


Stand	Level 4 Co	over Type		Size De	ensity	Acres	Stand Age B	A Range	Managed S	Site	General Comments
27	4126 - White, B	Black, N. Pi	n Oak	Sawtimb	er Well	49.3	78	81-110	N/A		
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Can	opy Species	Density	Avg. Height	Size	
	Red Maple	5	Log/Pole	10		Whi	te Pine	Low	10 - 20 feet	Pole	
	White Oak	25	Log/Pole	10		Witc	h Hazel	Low	5 - 10 feet	Tall Shrub	
	Bigtooth Aspen	5	Log	12							
Blac	ck/Red (Hybrid) Oak	55	Log/Pole	10	78						
	Red Oak	10	Log/Pole	10							
28	2113 - Fo	rage Crops	3	Nonsto	ocked	6.1	Ur	nspecified	Managed O	pening	Wildlife opening
29	4125 - Blaci	k, N. Pin O	ak	Sawtimb	er Well	26.5	82	111-140	N/A		Some areas have high concentration of pole sized oak. Timber quality
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Can	opy Species	Density	Avg. Height	Size	above average for Lake County in the southern portion.
	Red Oak	20	Log/Pole	14		Whi	ite Pine	Low	5 - 10 feet	Sapling	
	White Oak	10	Log/Pole	12		Witc	h Hazel	Low	5 - 10 feet	Tall Shrub	
	Bigtooth Aspen	5	Log/Pole	10							
Blac	ck/Red (Hybrid) Oak	60	Log	16	82						
	Red Maple	5	Log/Pole	10							
30	4123 -	Red Oak		Sawtimb	er Well	18.2	82	111-140	N/A		Some areas have high concentration of pole sized oak. Timber quality
	Canopy Species	% Cover	Size Class	DBF	I Age	Sub-Can	opy Species	Density	Avg. Height	Size	above average for Lake County. Hold for next YOE to treat with adjace aspen stands.
	Red Oak	50	Log/Pole	14	82	Whi	ite Pine	Low	5 - 10 feet	Sapling	
	White Oak	10	Log/Pole	12		Witc	h Hazel	Low	5 - 10 feet	Tall Shrub	
	White Oak Bigtooth Aspen	10 5	Log/Pole Log/Pole	12 10		Witc	h Hazel	Low	5 - 10 feet	Tall Shrub	
		5 30				Witc	h Hazel	Low	5 - 10 feet	Tall Shrub	
	Bigtooth Aspen	5	Log/Pole	10		Witc	h Hazel	Low	5 - 10 feet	Tall Shrub	
Blac	Bigtooth Aspen ck/Red (Hybrid) Oak Red Maple 4191 - Mixed Upla	5 30 5	Log/Pole Log Log/Pole	10 16	er Well	Witc		81-110	5 - 10 feet N/A	Tall Shrub	Mixed oak and pine stand. Not ready for treatment.
Blac	Bigtooth Aspen ck/Red (Hybrid) Oak Red Maple 4191 - Mixed Upla	5 30 5 and Decidue	Log/Pole Log Log/Pole	10 16 10 Poletimb	er Well	5.2				Tall Shrub	
Blac	Bigtooth Aspen ck/Red (Hybrid) Oak Red Maple 4191 - Mixed Upla	5 30 5 and Decidue	Log/Pole Log Log/Pole ous with	10 16 10 Poletimb		5.2 Sub-Can	72	81-110	N/A		
	Bigtooth Aspen ck/Red (Hybrid) Oak Red Maple 4191 - Mixed Upla Co Canopy Species	5 30 5 and Decidue nifer % Cover	Log/Pole Log Log/Pole ous with	10 16 10 Poletimb		5.2 Sub-Can	72 opy Species	81-110 Density	N/A Avg. Height	Size	Mixed oak and pine stand. Not ready for treatment.
31	Bigtooth Aspen ck/Red (Hybrid) Oak Red Maple 4191 - Mixed Upla Co Canopy Species Red Maple	5 30 5 and Deciduenifer % Cover 30	Log/Pole Log Log/Pole bus with Size Class Pole	10 16 10 Poletimb		5.2 Sub-Can	72 opy Species ite Pine	81-110 Density Low	N/A Avg. Height 10 - 20 feet	Size Sapling	Mixed oak and pine stand. Not ready for treatment.
31	Bigtooth Aspen ck/Red (Hybrid) Oak Red Maple 4191 - Mixed Upla Co Canopy Species Red Maple White Oak	5 30 5 sind Decidue nifer % Cover 30 20	Log/Pole Log Log/Pole Dus with Size Class Pole Pole	10 16 10 Poletimb	I Age	5.2 Sub-Can	72 opy Species ite Pine	81-110 Density Low	N/A Avg. Height 10 - 20 feet	Size Sapling	Mixed oak and pine stand. Not ready for treatment.
31	Bigtooth Aspen ck/Red (Hybrid) Oak Red Maple 4191 - Mixed Upla Co Canopy Species Red Maple White Oak ck/Red (Hybrid) Oak	5 30 5 sind Decidue nifer	Log/Pole Log Log/Pole Dous with Size Class Pole Pole Pole/Log Pole	10 16 10 Poletimb	72	5.2 Sub-Can	72 opy Species ite Pine	81-110 Density Low	N/A Avg. Height 10 - 20 feet	Size Sapling	Mixed oak and pine stand. Not ready for treatment. Stand was shelterwood cut between 1998 and 2001, timber sale #"63-
31 Blace	Bigtooth Aspen ck/Red (Hybrid) Oak Red Maple 4191 - Mixed Upla Co Canopy Species Red Maple White Oak ck/Red (Hybrid) Oak White Pine	5 30 5 sind Decidue nifer % Cover 30 20 30 20 Slack, N. Pi	Log/Pole Log Log/Pole Dous with Size Class Pole Pole Pole/Log Pole	10	72	5.2 Sub-Can White	72 nopy Species ite Pine th Hazel	81-110 Density Low Low	N/A Avg. Height 10 - 20 feet 5 - 10 feet	Size Sapling	Mixed oak and pine stand. Not ready for treatment. Stand was shelterwood cut between 1998 and 2001, timber sale #"63-1215-93", "One Mile Oak Block". Specs read cut all trees less than 10".
31 Blace	Bigtooth Aspen ck/Red (Hybrid) Oak Red Maple 4191 - Mixed Upla Co Canopy Species Red Maple White Oak ck/Red (Hybrid) Oak White Pine 4126 - White, B	5 30 5 sind Decidue nifer % Cover 30 20 30 20 Slack, N. Pi	Log/Pole Log Log/Pole Dous with Size Class Pole Pole Pole/Log Pole n Oak	10	72 er Well	5.2 Sub-Can White 96.6 Sub-Can	72 popy Species te Pine th Hazel	81-110 Density Low Low 51-80	N/A Avg. Height 10 - 20 feet 5 - 10 feet	Size Sapling Tall Shrub	Mixed oak and pine stand. Not ready for treatment. Stand was shelterwood cut between 1998 and 2001, timber sale #"63
31 Blace	Bigtooth Aspen ck/Red (Hybrid) Oak Red Maple 4191 - Mixed Upla Co Canopy Species Red Maple White Oak ck/Red (Hybrid) Oak White Pine 4126 - White, B Canopy Species	5 30 5 sind Decidue nifer	Log/Pole Log Log/Pole Dus with Size Class Pole Pole Pole/Log Pole Tole Tole Tole Tole Tole Tole Tole T	10	72 er Well	5.2 Sub-Can White 96.6 Sub-Can Rec	72 lopy Species Itte Pine Ith Hazel 96 lopy Species	81-110 Density Low Low 51-80 Density Medium	N/A Avg. Height 10 - 20 feet 5 - 10 feet N/A Avg. Height	Size Sapling Tall Shrub	Mixed oak and pine stand. Not ready for treatment. Stand was shelterwood cut between 1998 and 2001, timber sale #"63-1215-93", "One Mile Oak Block". Specs read cut all trees less than 10".
31 Blace 32	Bigtooth Aspen ck/Red (Hybrid) Oak Red Maple 4191 - Mixed Upla Co Canopy Species Red Maple White Oak ck/Red (Hybrid) Oak White Pine 4126 - White, B Canopy Species White Oak	5 30 5 sind Decidue nifer % Cover 30 20 30 20 8 sack, N. Pi % Cover 20	Log/Pole Log Log/Pole Dous with Size Class Pole Pole/Log Pole Pole/Log Size Class Log	10	72 er Well	5.2 Sub-Can White 96.6 Sub-Can Rec Black/Red	72 Topy Species Ite Pine Ith Hazel 96 Topy Species It Maple	81-110 Density Low Low 51-80 Density Medium	N/A Avg. Height 10 - 20 feet 5 - 10 feet N/A Avg. Height >20 feet	Size Sapling Tall Shrub Size Sapling	Mixed oak and pine stand. Not ready for treatment. Stand was shelterwood cut between 1998 and 2001, timber sale #"63-215-93", "One Mile Oak Block". Specs read cut all trees less than 10" also cut all red maple and aspen.
31 Blace	Bigtooth Aspen ck/Red (Hybrid) Oak Red Maple 4191 - Mixed Upla Co Canopy Species Red Maple White Oak ck/Red (Hybrid) Oak White Pine 4126 - White, B Canopy Species White Oak ck/Red (Hybrid) Oak	5 30 5 sind Decidue nifer	Log/Pole Log Log/Pole Dous with Size Class Pole Pole/Log Pole Tole Tole Tole Log Log Log Log Log	10	72 er Well	5.2 Sub-Can White 96.6 Sub-Can Rec Black/Red Wite	72 Ropy Species Ite Pine Ith Hazel 96 Ropy Species It Maple I (Hybrid) Oak	81-110 Density Low Low 51-80 Density Medium Medium	N/A Avg. Height 10 - 20 feet 5 - 10 feet N/A Avg. Height >20 feet 10 - 20 feet	Size Sapling Tall Shrub Size Sapling Sapling	Mixed oak and pine stand. Not ready for treatment. Stand was shelterwood cut between 1998 and 2001, timber sale #"63-215-93", "One Mile Oak Block". Specs read cut all trees less than 10" also cut all red maple and aspen.

Cadillac Mgt. Unit



Stand	d Level 4 Co	over Type		Size De	ensity	Acres	Stand Age B	A Range	Managed S	Site	General Comments
33	42101 - Planted \ Deci	White Pine duous	e, Mixed	Sawtimb	er Well	6.3	51	51-80	N/A		Stand was previously thinned. Heavy oak and red maple understory.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Can	opy Species	Density	Avg. Height	Size	
	White Oak	10	Log	12		Red	d Maple	Medium	10 - 20 feet	Sapling	
Blac	ck/Red (Hybrid) Oak	15	Log	16		Black/Red	(Hybrid) Oak	Medium	10 - 20 feet	Sapling	
	White Pine	75	Log/Pole	10	51	Wito	h Hazel	Low	5 - 10 feet	Tall Shrub	
34	4130 -	- Aspen		Sapling	g Well	14.6	25	51-80	N/A		Stand was clearcut in 1996 with timber sale # "63-031-93", "Stepping Stone Oak".
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Can	opy Species	Density	Avg. Height	Size	Storie Oak .
	Red Maple	20	Sapling	3		Witc	h Hazel	Low	5 - 10 feet	Tall Shrub	
	Bigtooth Aspen	75	Sapling/Pole	4	25						
Blad	ck/Red (Hybrid) Oak	5	Sapling	3							
35	3301 - Low Densi	ty Deciduo	us Trees	Nonst	ocked	6.2	Uı	nspecified	412 - Oak	Гуреѕ	Stand was cut in Summer 2007, timber sale #"63-009-04", "18 Combo".
						Sub-Can	opy Species	Density	Avg. Height	Size	
						Blac	k Cherry	Low	5 - 10 feet	Sapling	
						Red	d Maple	Low	5 - 10 feet	Sapling	
						Re	d Oak	Low	< 5 feet	Conling	
							a oak	LOW	< 5 leet	Sapling	
						Bigtoo	oth Aspen	Low	5 - 10 feet	Sapling	
36	42110 - Plar			Poletimb	er Well		oth Aspen	Low	5 - 10 feet	Sapling	
36	42110 - Plar Canopy Species		Pine F		er Well	18.7	oth Aspen ite Pine	Low	5 - 10 feet 10 - 20 feet	Sapling	Stand was previously harvested as a shelterwood cut in 1996 sale # "63 016-93", "White Pine Farms".
				DB I		Whi 18.7 Sub-Can	th Aspen tite Pine 50 copy Species Maple	Low Trace 51-80	5 - 10 feet 10 - 20 feet N/A	Sapling Sapling	Stand was previously harvested as a shelterwood cut in 1996 sale # "63 016-93", "White Pine Farms".
	Canopy Species	% Cover 10 10	Size Class	DBH 14 9		Whi 18.7 Sub-Can	oth Aspen ite Pine 50 copy Species	Low Trace 51-80 Density	5 - 10 feet 10 - 20 feet N/A Avg. Height	Sapling Sapling Size	
	Canopy Species ck/Red (Hybrid) Oak	% Cover	Size Class	DB I		Whi 18.7 Sub-Can	th Aspen tite Pine 50 copy Species Maple	Low Trace 51-80 Density Medium	5 - 10 feet 10 - 20 feet N/A Avg. Height 10 - 20 feet	Sapling Sapling Size Sapling	
Blad	Canopy Species ck/Red (Hybrid) Oak White Pine	% Cover 10 10 80	Size Class Log Pole/Log Pole	DBH 14 9	Age 50	Whi 18.7 Sub-Can	th Aspen te Pine 50 topy Species Maple (Hybrid) Oak	Low Trace 51-80 Density Medium	5 - 10 feet 10 - 20 feet N/A Avg. Height 10 - 20 feet	Sapling Sapling Size Sapling	016-93", "White Pine Farms". Stand meets criteria for harvest, but is surrounded by recent clear cuts.
Blad	Canopy Species ck/Red (Hybrid) Oak White Pine Red Pine 4124 - Red w Canopy Species	% Cover 10 10 80 with White 0	Size Class Log Pole/Log Pole	DBH 14 9 7 Sawtimb	Age 50	Whi 18.7 Sub-Can Rec Black/Red 29.7 Sub-Can	th Aspen te Pine 50 topy Species I Maple (Hybrid) Oak 88 topy Species	51-80 Density Medium Low	5 - 10 feet 10 - 20 feet N/A Avg. Height 10 - 20 feet < 5 feet N/A Avg. Height	Sapling Sapling Size Sapling	016-93", "White Pine Farms".
Blace	Canopy Species ck/Red (Hybrid) Oak White Pine Red Pine 4124 - Red w Canopy Species White Oak	% Cover 10 10 80 with White 0	Size Class Log Pole/Log Pole Oak	DBH 14 9 7	50 Ser Well	Whi 18.7 Sub-Can Rec Black/Red 29.7 Sub-Can	toth Aspen tite Pine 50 topy Species I Maple I (Hybrid) Oak	Low Trace 51-80 Density Medium Low	5 - 10 feet 10 - 20 feet N/A Avg. Height 10 - 20 feet < 5 feet	Sapling Sapling Size Sapling Sapling	016-93", "White Pine Farms". Stand meets criteria for harvest, but is surrounded by recent clear cuts.
Blace	Canopy Species ck/Red (Hybrid) Oak White Pine Red Pine 4124 - Red w Canopy Species White Oak Bigtooth Aspen	% Cover 10 10 80 with White 6 % Cover	Size Class Log Pole/Log Pole Oak Size Class	DBH 14 9 7 Sawtimb	50 Ser Well	White 18.7 Sub-Can Rec Black/Red 29.7 Sub-Can White 18.7	th Aspen te Pine 50 topy Species I Maple (Hybrid) Oak 88 topy Species	Low Trace 51-80 Density Medium Low 111-140 Density	5 - 10 feet 10 - 20 feet N/A Avg. Height 10 - 20 feet < 5 feet N/A Avg. Height	Sapling Sapling Size Sapling Sapling Sapling	016-93", "White Pine Farms". Stand meets criteria for harvest, but is surrounded by recent clear cuts. Hold for treatment next YOE.
Blace	Canopy Species ck/Red (Hybrid) Oak White Pine Red Pine 4124 - Red w Canopy Species White Oak	% Cover 10 10 80 with White 6 % Cover 20	Size Class Log Pole/Log Pole Oak Size Class Log/Pole	DBH 12	50 Ser Well	White 18.7 Sub-Can Rec Black/Red 29.7 Sub-Can White 18.7	te Pine 50 topy Species Maple (Hybrid) Oak 88 topy Species te Pine	51-80 Density Medium Low 111-140 Density Low	5 - 10 feet 10 - 20 feet N/A Avg. Height 10 - 20 feet < 5 feet N/A Avg. Height 10 - 20 feet	Sapling Size Sapling Sapling Size Sapling Sapling	016-93", "White Pine Farms". Stand meets criteria for harvest, but is surrounded by recent clear cuts. Hold for treatment next YOE.
Blace	Canopy Species ck/Red (Hybrid) Oak White Pine Red Pine 4124 - Red w Canopy Species White Oak Bigtooth Aspen	% Cover 10 10 80 with White 0 Cover 20 10	Size Class Log Pole/Log Pole Oak Size Class Log/Pole Log	14 9 7	50 Ser Well	White 18.7 Sub-Can Rec Black/Red 29.7 Sub-Can White 18.7	te Pine 50 topy Species Maple (Hybrid) Oak 88 topy Species te Pine	51-80 Density Medium Low 111-140 Density Low	5 - 10 feet 10 - 20 feet N/A Avg. Height 10 - 20 feet < 5 feet N/A Avg. Height 10 - 20 feet	Sapling Size Sapling Sapling Size Sapling Sapling	016-93", "White Pine Farms". Stand meets criteria for harvest, but is surrounded by recent clear cuts. Hold for treatment next YOE.
Blace	Canopy Species ck/Red (Hybrid) Oak White Pine Red Pine 4124 - Red w Canopy Species White Oak Bigtooth Aspen ck/Red (Hybrid) Oak	% Cover 10 10 80 with White 0 % Cover 20 10 25 45	Size Class Log Pole/Log Pole Oak Size Class Log/Pole Log Log Log	14 9 7	st Age 50 ser Well 4 Age 88	White 18.7 Sub-Can Rec Black/Red 29.7 Sub-Can White 18.7	th Aspen the Pine 50 topy Species Maple (Hybrid) Oak 88 topy Species the Pine the Hazel	51-80 Density Medium Low 111-140 Density Low	5 - 10 feet 10 - 20 feet N/A Avg. Height 10 - 20 feet < 5 feet N/A Avg. Height 10 - 20 feet	Sapling Size Sapling Sapling Size Sapling Sapling	O16-93", "White Pine Farms". Stand meets criteria for harvest, but is surrounded by recent clear cuts. Hold for treatment next YOE. Stand treated in 2016 with sale #63-044-13-01 "Wiseguy White". Cut 2
37	Canopy Species ck/Red (Hybrid) Oak White Pine Red Pine 4124 - Red w Canopy Species White Oak Bigtooth Aspen ck/Red (Hybrid) Oak Red Oak	% Cover	Size Class Log Pole/Log Pole Oak Size Class Log/Pole Log Log Log	14 9 7	50 ser Well Age 88	White	th Aspen the Pine 50 topy Species Maple (Hybrid) Oak 88 topy Species the Pine the Hazel	51-80 Density Medium Low 111-140 Density Low Low	5 - 10 feet 10 - 20 feet N/A Avg. Height 10 - 20 feet < 5 feet N/A Avg. Height 10 - 20 feet 5 - 10 feet	Sapling Size Sapling Sapling Size Sapling Sapling	O16-93", "White Pine Farms". Stand meets criteria for harvest, but is surrounded by recent clear cuts. Hold for treatment next YOE.
37 Blace 38	Canopy Species ck/Red (Hybrid) Oak White Pine Red Pine 4124 - Red w Canopy Species White Oak Bigtooth Aspen ck/Red (Hybrid) Oak Red Oak 42100 - Plant	% Cover	Size Class Log Pole/Log Pole Oak Size Class Log/Pole Log Log Log Pine	14 9 7	st Age 50 ser Well 4 Age 88	White	te Pine 50 topy Species Maple (Hybrid) Oak 88 topy Species te Pine th Hazel	Low Trace 51-80 Density Medium Low 111-140 Density Low Low 81-110	5 - 10 feet 10 - 20 feet N/A Avg. Height 10 - 20 feet < 5 feet N/A Avg. Height 10 - 20 feet 5 - 10 feet	Sapling Sapling Size Sapling Sapling Sapling Tall Shrub	O16-93", "White Pine Farms". Stand meets criteria for harvest, but is surrounded by recent clear cuts. Hold for treatment next YOE. Stand treated in 2016 with sale #63-044-13-01 "Wiseguy White". Cut 2 leave 2 rows.



Stand	Level 4 Co	over Type		Size De	nsity	Acres	Stand Age	BA Range	Managed S	Site	General Comments
39	4130	- Aspen		Poletimb	er Well	34.9	46	111-140	N/A		Variable dbh throughout stand. Hold for next yoe.
Can	opy Species	% Cover	Size Class	DBF	Age	Sub-Ca	nopy Specie	s Density	Avg. Height	Size	
Re	ed Maple	20	Pole	7		Wit	ch Hazel	Low	5 - 10 feet	Tall Shrub	
Bigto	ooth Aspen	70	Pole	7	46						
Black/Re	d (Hybrid) Oak	10	Pole	7							
40	4130	- Aspen		Saplino	y Well	68.2	25	111-140	N/A		Stand was clearcut in 1996 with timber sale # "63-031-93", "Stepping
Can	opy Species	% Cover	Size Class	DBF	Age	Sub-Ca	nopy Specie	s Density	Avg. Height	Size	Stone Oak".
Re	ed Maple	10	Sapling	4		Black/Re	d (Hybrid) Oa	ak Low	5 - 10 feet	Sapling	
Bigto	ooth Aspen	80	Sapling	4	25	WI	nite Pine	Low	5 - 10 feet	Sapling	
Black/Re	d (Hybrid) Oak	5	Sapling	3		Wit	ch Hazel	Low	5 - 10 feet	Tall Shrub	
WI	nite Pine	5	Sapling/Po	le 4							
41 419	99 - Other Mixed	d Upland D	eciduous	Sapling	y Well	13.3	15	Immature	N/A		Stand was cut in winter 2005/2006, timber sale #"63-009-04", "18
Can	opy Species	% Cover	Size Class	DBH	Age						Combo".
Re	ed Maple	30	Sapling	2							
Bigto	ooth Aspen	30	Sapling	2							
Black/Re	d (Hybrid) Oak	40	Sapling	2	15						
42	4126 - White, E	Black, N. Pi	n Oak	Sawtimb	er Well	25.6	96	111-140	N/A		
Can	opy Species	% Cover	Size Class	DBF	Age	Sub-Ca	nopy Specie	s Density	Avg. Height	Size	
Re	ed Maple	5	Log/Pole	10		WI	nite Pine	Low	10 - 20 feet	Pole	
WI	hite Oak	20	Log/Pole	12		Wit	ch Hazel	Low	5 - 10 feet	Tall Shrub	
Bigto	ooth Aspen	10	Log	14							
Black/Re	d (Hybrid) Oak	30	Log	14							
R	ed Oak	35	Log	14	96						
43	4130	Aspen		Saplino	y Well	49.0	27	111-140	N/A		Stand was clearcut in 1994, sale # "63-020-93", "Merrillville Dump Oak /
Can	opy Species	% Cover	Size Class	DBF	Age	Sub-Ca	nopy Specie	s Density	Avg. Height	Size	Aspen".
Re	ed Maple	20	Sapling	4		Wit	ch Hazel	Medium	5 - 10 feet	Tall Shrub	
Bigto	ooth Aspen	70	Sapling	4	27	·					
Black/Re	d (Hybrid) Oak	10	Sapling	3							
44	4126 - White, E	Black, N. Pi	n Oak	Sawtimb	er Well	30.1	96	111-140	N/A		
Can	opy Species	% Cover	Size Class	DBF	Age	Sub-Ca	nopy Specie	s Density	Avg. Height	Size	
Re	ed Maple	5	Log/Pole	10		WI	nite Pine	Low	10 - 20 feet	Pole	
	hite Oak	20	Log/Pole	12		Wit	ch Hazel	Low	5 - 10 feet	Tall Shrub	
WI	THE Oak										
	ooth Aspen	10	Log	14							
Bigto		10	Log Log	14							



Stand	Level 4 Co	over Type		Size De	nsity	Acres	Stand Age B	A Range	Managed S	Site	General Comments
45	42200 - Natu	ıral White I	Pine Sa	wtimber	· Mediu	m 25.8	85	51-80	N/A		Previous shelterwood harvest in 1994, sale # "63-025-93", "LBP Fire
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Can	opy Species	Density	Avg. Height	Size	Release".
	White Pine	100	Log/Pole	14	85	Black	Cherry	Low	10 - 20 feet	Sapling	
						Black/Red	(Hybrid) Oak	Medium	10 - 20 feet	Sapling	
						Whi	te Oak	Medium	5 - 10 feet	Sapling	
						Red	Maple	Low	10 - 20 feet	Sapling	
						Bigtoo	th Aspen	Low	10 - 20 feet	Sapling	
6	2113 - Fo	orage Crops	S	Nonsto	ocked	2.8	U	nspecified	Managed O	pening	Wildlife opening
7	3303 - Mixed Lo	ow Density	Trees	Nonsto	ocked	7.7	U	nspecified	4191 - Mixed Deciduous wit		Stand was cut in Summer 2007, timber sale #"63-009-04", "18 Combo
						Sub-Can	opy Species	Density	Avg. Height	Size	
						Black	Cherry	Medium	5 - 10 feet	Sapling	
						Black/Red	(Hybrid) Oak	Medium	< 5 feet	Sapling	
						Red	Maple	Medium	5 - 10 feet	Sapling	
						Bigtoo	th Aspen	Medium	5 - 10 feet	Sapling	
						Whi	te Pine	Low	>20 feet	Pole	
18	4199 - Other Mixe			Poletimb			46	81-110	N/A		Edges of stand are heavier to aspen, but the majority of the stand is or and red maple.
	Canopy Species		Size Class		l Age		opy Species	Density	Avg. Height	Size	'
	Red Maple	25	Pole/Log	8			h Hazel	Low	5 - 10 feet	Tall Shrub	
	Bigtooth Aspen	20	Pole	8		Black/Red	(Hybrid) Oak	Low	5 - 10 feet	Sapling	
Blac	k/Red (Hybrid) Oak	45	Pole	7	46	Red	Maple	Low	10 - 20 feet	Sapling	
	White Oak	10	Pole	7							
19	2113 - Fo	orage Crops	s	Nonsto	ocked	2.0	U	nspecified	Managed O	pening	Wildlife opening
1	4199 - Other Mixe	d Upland D	Deciduous F	Poletimb	er Well	6.9	46	81-110	N/A		Stand was treated in Spring 1975. Specs read cut all residual trees to
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Can	opy Species	Density	Avg. Height	Size	improve aspen regeneration and deer habitat. Wildlife cut.
	Red Maple	25	Pole	7			te Pine	Low	10 - 20 feet	Sapling	
	White Oak	5	Pole/Sapling	6		Witc	h Hazel	Low	5 - 10 feet	Tall Shrub	
Blac	k/Red (Hybrid) Oak	25	Pole/Sapling	6				,			
	White Pine	10	Pole	8							
	Bigtooth Aspen	35	Pole/Sapling		46						
52	2113 - Fo	orage Crops	s	Nonsto	ocked	0.8	U	nspecified	Managed O	pening	Wildlife opening



Stanc	d Level 4 Co										General Comments
53	42100 - Plant	ted White	Pine I	Poletimb	er Well	12.3	50	111-140	N/A		
	Canopy Species	% Cover	Size Class	DBH	I Age		nopy Specie	s Density	Avg. Height	Size	
	White Oak	5	Log/Pole	12		Wito	ch Hazel	Low	5 - 10 feet	Tall Shrub	
Bla	ack/Red (Hybrid) Oak	5	Log	14							
	White Pine	90	Log/Pole	10	50						
54	3105 - Mixed Up	oland Herb	aceous	Nonst	ocked	8.8		Unspecified	No		Non planted opening. Mix of sweetfern and grasses. Some areas heavy to knapweed. Small patch of pragmites at east end of opening. Some
						Sub-Car	nopy Specie	s Density	Avg. Height	Size	scattered jack pine and aspen as well.
						Jac	ck Pine	Low	10 - 20 feet	Sapling	
						Bigto	oth Aspen	Low	10 - 20 feet	Sapling	
55	4130 -	- Aspen	I	Poletimb	er Well	13.3	46	111-140	N/A		Borderline on harvestability. Nice pole stand.
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Car	nopy Specie	s Density	Avg. Height	Size	
	Red Maple	15	Pole	6		Wito	ch Hazel	Low	5 - 10 feet	Tall Shrub	
	Bigtooth Aspen	70	Pole	8	46	Wh	ite Pine	Low	5 - 10 feet	Sapling	
Bla	ack/Red (Hybrid) Oak	10	Pole	6							
Bla	white Pine	10 5	Pole Pole	6							
56	· · · ·	5	Pole	7 Sawtimb		14.9	67	111-140	N/A		
	White Pine 4199 - Other Mixed Canopy Species	5 d Upland E	Pole Deciduous Size Class	7 Sawtimb	er Well	Sub-Car	nopy Specie	s Density	Avg. Height	Size	
	White Pine 4199 - Other Mixed Canopy Species Red Maple	5 d Upland E % Cover	Pole Deciduous Size Class Pole/Log	7 Sawtimb DBH		Sub-Car				Size Tall Shrub	
	White Pine 4199 - Other Mixed Canopy Species Red Maple White Oak	5 d Upland E % Cover 15 15	Pole Deciduous Size Class Pole/Log Pole	7 Sawtimb DBH 10 8		Sub-Car	nopy Specie	s Density	Avg. Height		
56	White Pine 4199 - Other Mixed Canopy Species Red Maple White Oak Bigtooth Aspen	5 d Upland E % Cover 15 15 30	Pole Deciduous Size Class Pole/Log Pole Log/Pole	7 Sawtimb DBH 10 8 12	I Age	Sub-Car	nopy Specie	s Density	Avg. Height		
56	White Pine 4199 - Other Mixed Canopy Species Red Maple White Oak	5 d Upland E % Cover 15 15	Pole Deciduous Size Class Pole/Log Pole	7 Sawtimb DBH 10 8		Sub-Car	nopy Specie	s Density	Avg. Height		
56	White Pine 4199 - Other Mixed Canopy Species Red Maple White Oak Bigtooth Aspen	5 d Upland E % Cover 15 15 30 40	Pole Deciduous Size Class Pole/Log Pole Log/Pole Log/Pole	7 Sawtimb DBH 10 8 12 12	Age 67	Sub-Car	nopy Specie	s Density	Avg. Height		Stand was cut in winter 2005/2006, timber sale #"63-009-04", "18
56	White Pine 4199 - Other Mixed Canopy Species Red Maple White Oak Bigtooth Aspen ack/Red (Hybrid) Oak	5 d Upland E % Cover 15 15 30 40 ural White I	Pole Deciduous Size Class Pole/Log Pole Log/Pole Log/Pole	7 Sawtimb DBH 10 8 12 12 12	Age 67	Sub-Car Wite	nopy Specie ch Hazel	Low 1-50	Avg. Height 5 - 10 feet		Stand was cut in winter 2005/2006, timber sale #"63-009-04", "18 Combo". Oak was harvested and a mix of pine was left (some former
56	White Pine 4199 - Other Mixed Canopy Species Red Maple White Oak Bigtooth Aspen ack/Red (Hybrid) Oak 42200 - Natu	5 d Upland E % Cover 15 15 30 40 ural White I	Pole Deciduous Size Class Pole/Log Pole Log/Pole Log/Pole Pine Sa	7 Sawtimb DBH 10 8 12 12 12	67 Mediur	Sub-Car Wito	nopy Speciesch Hazel	Low 1-50 S Density	Avg. Height 5 - 10 feet N/A	Tall Shrub	Stand was cut in winter 2005/2006, timber sale #"63-009-04", "18
56	White Pine 4199 - Other Mixed Canopy Species Red Maple White Oak Bigtooth Aspen ack/Red (Hybrid) Oak 42200 - Natu Canopy Species	5 d Upland E % Cover 15 15 30 40 aral White I % Cover	Pole Deciduous Size Class Pole/Log Pole Log/Pole Log/Pole Pine Sa Size Class	7 Sawtimb DBH 10 8 12 12 12 awtimbee	67 Medium	Sub-Car Nito 17.3 Sub-Car Black/Rec	nopy Species ch Hazel 72 nopy Species	Low 1-50 S Density	Avg. Height 5 - 10 feet N/A Avg. Height	Tall Shrub	Stand was cut in winter 2005/2006, timber sale #"63-009-04", "18 Combo". Oak was harvested and a mix of pine was left (some former plantation). Decent oak regeneration (stump sprouts) in many of the
56	White Pine 4199 - Other Mixed Canopy Species Red Maple White Oak Bigtooth Aspen ack/Red (Hybrid) Oak 42200 - Natu Canopy Species White Pine	5 d Upland E % Cover 15 15 30 40 ural White I % Cover 70	Pole Deciduous Size Class Pole/Log Pole Log/Pole Log/Pole Pine Sa Size Class Log	7 Sawtimb DBH 10 8 12 12 12 awtimbee	67 Medium	Sub-Car Nito 17.3 Sub-Car Black/Rec	72 nopy Species (Hybrid) Oa	1-50 S Density 1-floor High	Avg. Height 5 - 10 feet N/A Avg. Height 5 - 10 feet	Size Sapling	Stand was cut in winter 2005/2006, timber sale #"63-009-04", "18 Combo". Oak was harvested and a mix of pine was left (some former plantation). Decent oak regeneration (stump sprouts) in many of the
56	White Pine 4199 - Other Mixed Canopy Species Red Maple White Oak Bigtooth Aspen ack/Red (Hybrid) Oak 42200 - Natu Canopy Species White Pine Red Pine Jack Pine	5 d Upland E % Cover 15 15 30 40 ural White I % Cover 70 10 20 spen, Oak	Pole Deciduous Size Class Pole/Log Pole Log/Pole Log/Pole Size Class Log Log/Pole Log/Pole Log/Pole	7 Sawtimb DBH 10 8 12 12 12 awtimber DBH 16 10 10 Sapling	67 Mediur Age 72 Well	Sub-Car Nito 17.3 Sub-Car Black/Rec	72 nopy Species (Hybrid) Oa	1-50 S Density 1-floor High	Avg. Height 5 - 10 feet N/A Avg. Height 5 - 10 feet	Size Sapling	Stand was cut in winter 2005/2006, timber sale #"63-009-04", "18 Combo". Oak was harvested and a mix of pine was left (some former plantation). Decent oak regeneration (stump sprouts) in many of the openings. Some pockets of mature mixed pine. Stand was final harvest in Summer 2007, timber sale #"63-009-04", "18
56 Blac 57	White Pine 4199 - Other Mixed Canopy Species Red Maple White Oak Bigtooth Aspen ack/Red (Hybrid) Oak 42200 - Natu Canopy Species White Pine Red Pine Jack Pine	5 d Upland E % Cover 15 15 30 40 ural White I % Cover 70 10 20 spen, Oak	Pole Deciduous Size Class Pole/Log Pole Log/Pole Log/Pole Pine Size Class Log Log/Pole Log/Pole	7	67 r Mediur 1 Age 72	Sub-Car Wito n 17.3 Sub-Car Black/Rec	72 nopy Specie: d (Hybrid) Oa	1-50 S Density High Medium	Avg. Height 5 - 10 feet N/A Avg. Height 5 - 10 feet 5 - 10 feet	Size Sapling	Stand was cut in winter 2005/2006, timber sale #"63-009-04", "18 Combo". Oak was harvested and a mix of pine was left (some former plantation). Decent oak regeneration (stump sprouts) in many of the openings. Some pockets of mature mixed pine.
Blaa 57	White Pine 4199 - Other Mixed Canopy Species Red Maple White Oak Bigtooth Aspen ack/Red (Hybrid) Oak 42200 - Natu Canopy Species White Pine Red Pine Jack Pine 4131 - Accepted Apple	5 d Upland E % Cover 15 15 30 40 rral White I % Cover 70 10 20 spen, Oak % Cover 25	Pole Deciduous Size Class Pole/Log Pole Log/Pole Log/Pole Pine Size Class Log Log/Pole Log/Pole Size Class Sapling	7	67 Medium 1 Age 72 g Well 1 Age	Sub-Car Wito n 17.3 Sub-Car Black/Rec	72 nopy Specie: d (Hybrid) Oa	1-50 S Density High Medium	Avg. Height 5 - 10 feet N/A Avg. Height 5 - 10 feet 5 - 10 feet	Size Sapling	Stand was cut in winter 2005/2006, timber sale #"63-009-04", "18 Combo". Oak was harvested and a mix of pine was left (some former plantation). Decent oak regeneration (stump sprouts) in many of the openings. Some pockets of mature mixed pine. Stand was final harvest in Summer 2007, timber sale #"63-009-04", "18
56 Blac 57	White Pine 4199 - Other Mixed Canopy Species Red Maple White Oak Bigtooth Aspen ack/Red (Hybrid) Oak 42200 - Natu Canopy Species White Pine Red Pine Jack Pine 4131 - Acceptable	5 d Upland E % Cover 15 15 30 40 ural White I % Cover 70 10 20 spen, Oak	Pole Deciduous Size Class Pole/Log Pole Log/Pole Log/Pole Pine Size Class Log Log/Pole Log/Pole Size Class Size Class Size Class Size Class Size Class	7	67 Mediur Age 72 Well	Sub-Car Wito n 17.3 Sub-Car Black/Rec	72 nopy Specie: d (Hybrid) Oa	1-50 S Density High Medium	Avg. Height 5 - 10 feet N/A Avg. Height 5 - 10 feet 5 - 10 feet	Size Sapling	Stand was cut in winter 2005/2006, timber sale #"63-009-04", "18 Combo". Oak was harvested and a mix of pine was left (some former plantation). Decent oak regeneration (stump sprouts) in many of the openings. Some pockets of mature mixed pine. Stand was final harvest in Summer 2007, timber sale #"63-009-04", "18



Stanc	d Level 4 Co	over Type		Size De	FIISILY	Acres	Stand Age B	A Kange	Managed S	Site	General Comments
59	4126 - White, B	Black, N. Pi	n Oak	Sawtimb	er Wel	l 13.4	95	81-110	N/A		
	Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
	Red Maple	10	Log/Pole	10		Wh	nite Pine	Medium	10 - 20 feet	Sapling	
	White Oak	20	Log/Pole	12		Wit	ch Hazel	Low	5 - 10 feet	Tall Shrub	
Bla	ack/Red (Hybrid) Oak	50	Log	16	95						1
	White Pine	10	Pole	8							
	Bigtooth Aspen	10	Log/Pole	10							
60	4122 - 0	Dak, Pine		Poletimb	er Wel	l 36.4	94	51-80	N/A		Stand was shelterwood cut in 1993 with sale # "63-023-93", "Vesper O
	Canopy Species	% Cover	Size Class	DBI	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Removal".
	White Pine	30	Log/Pole	12			nite Pine	Low	10 - 20 feet	Sapling	
	White Oak	10	Log/Pole	12		Wit	ch Hazel	Low	5 - 10 feet	Tall Shrub	
Bla	ack/Red (Hybrid) Oak	60	Log	14	94	Black/Re	d (Hybrid) Oak	Low	10 - 20 feet	Sapling	
						Bigto	oth Aspen	Low	10 - 20 feet	Sapling	
						Re	d Maple	Medium	10 - 20 feet	Sapling	
						10/1	nite Oak	Low	5 - 10 feet	Sapling	
61	2113 - Fo	rage Crops	5	Nonst	ocked	2.2		nspecified	Managed O		Wildlife opening
	4125 - Blacl	k, N. Pin O	ak	Sawtimb	er Wel	2.2 I 51.1	Uı 84	nspecified	Managed O	pening	Stand meets silvicultural criteria for harvest but could also wait. Stand
	4125 - Black	k, N. Pin O	ak Size Class	Sawtimb DBI		2.2 I 51.1 Sub-Car	Ui 84 nopy Species	nspecified 111-140 Density	Managed O N/A Avg. Height	pening Size	Stand meets silvicultural criteria for harvest but could also wait. Stand appears healthy, and bordering stands were recently harvested. Aspe was found in a few clones on the north end of the stand. Timber is
	4125 - Black Canopy Species Red Maple	k, N. Pin O Cover	Pak Size Class Pole/Log	Sawtimb DBI	er Wel	2.2 I 51.1 Sub-Car	84 nopy Species nite Pine	nspecified 111-140 Density Low	Managed O N/A Avg. Height 10 - 20 feet	pening Size Sapling	Stand meets silvicultural criteria for harvest but could also wait. Stand appears healthy, and bordering stands were recently harvested. Aspe was found in a few clones on the north end of the stand. Timber is smaller in diameter to the south.
	4125 - Black Canopy Species Red Maple White Oak	k, N. Pin O % Cover 5 15	sak Size Class Pole/Log Log/Pole	Sawtimb	er Wel	2.2 I 51.1 Sub-Car	Ui 84 nopy Species	nspecified 111-140 Density	Managed O N/A Avg. Height	pening Size	Stand meets silvicultural criteria for harvest but could also wait. Stand appears healthy, and bordering stands were recently harvested. Aspe was found in a few clones on the north end of the stand. Timber is smaller in diameter to the south.
62	4125 - Black Canopy Species Red Maple White Oak Bigtooth Aspen	k, N. Pin O **Cover 5 15 5	Size Class Pole/Log Log/Pole Log	Sawtimb DBI 10 12 14	er Wel	2.2 I 51.1 Sub-Car	84 nopy Species nite Pine	nspecified 111-140 Density Low	Managed O N/A Avg. Height 10 - 20 feet	pening Size Sapling	Stand meets silvicultural criteria for harvest but could also wait. Stand appears healthy, and bordering stands were recently harvested. Aspe was found in a few clones on the north end of the stand. Timber is smaller in diameter to the south.
62	4125 - Black Canopy Species Red Maple White Oak Bigtooth Aspen ack/Red (Hybrid) Oak	k, N. Pin O **Cover 5 15 5 65	Size Class Pole/Log Log/Pole Log Log	Sawtimb 10	er Wel	2.2 I 51.1 Sub-Car	84 nopy Species nite Pine	nspecified 111-140 Density Low	Managed O N/A Avg. Height 10 - 20 feet	pening Size Sapling	Stand meets silvicultural criteria for harvest but could also wait. Stand appears healthy, and bordering stands were recently harvested. Aspe was found in a few clones on the north end of the stand. Timber is smaller in diameter to the south.
62	4125 - Black Canopy Species Red Maple White Oak Bigtooth Aspen ack/Red (Hybrid) Oak White Pine	k, N. Pin O **Cover 5 15 5 65 5	Size Class Pole/Log Log/Pole Log Log Pole	Sawtimb DBH 10 12 14 14 8	er Wel	2.2 I 51.1 Sub-Car	84 nopy Species nite Pine	nspecified 111-140 Density Low	Managed O N/A Avg. Height 10 - 20 feet	pening Size Sapling	Stand meets silvicultural criteria for harvest but could also wait. Stand appears healthy, and bordering stands were recently harvested. Aspe was found in a few clones on the north end of the stand. Timber is smaller in diameter to the south.
61 62 Blace	4125 - Black Canopy Species Red Maple White Oak Bigtooth Aspen ack/Red (Hybrid) Oak White Pine Red Oak 4126 - White, B	k, N. Pin O **Cover 5 15 5 65 5 5 8lack, N. Pi	Size Class Pole/Log Log/Pole Log Log Pole Log Pole Log	Sawtimb DBH	er Well	2.2 Sub-Cal Wr With	84 nopy Species nite Pine ch Hazel	nspecified 111-140 Density Low Low 111-140	Managed Open N/A Avg. Height 10 - 20 feet 5 - 10 feet	Size Sapling Tall Shrub	Stand meets silvicultural criteria for harvest but could also wait. Stand appears healthy, and bordering stands were recently harvested. Aspe was found in a few clones on the north end of the stand. Timber is smaller in diameter to the south.
62 Bla	4125 - Black Canopy Species Red Maple White Oak Bigtooth Aspen ack/Red (Hybrid) Oak White Pine Red Oak 4126 - White, B	k, N. Pin O **Cover* 5 15 5 65 5 5 8lack, N. Pi **Cover*	Size Class Pole/Log Log/Pole Log Log Pole Log Size Class	Sawtimb DBH	er Well 84 ber Well	2.2 Sub-Cal With Sub-Cal Sub-Cal	84 nopy Species nite Pine ch Hazel	nspecified 111-140 Density Low Low 111-140 Density	Managed O N/A Avg. Height 10 - 20 feet 5 - 10 feet N/A Avg. Height	Size Sapling Tall Shrub	Stand meets silvicultural criteria for harvest but could also wait. Stand appears healthy, and bordering stands were recently harvested. Aspe was found in a few clones on the north end of the stand. Timber is smaller in diameter to the south.
62 Bla	4125 - Black Canopy Species Red Maple White Oak Bigtooth Aspen ack/Red (Hybrid) Oak White Pine Red Oak 4126 - White, B Canopy Species ack/Red (Hybrid) Oak	k, N. Pin O **Cover* 5 15 5 65 5 8lack, N. Pi **Cover* 45	Size Class Pole/Log Log/Pole Log Pole Log Size Class Log/Pole Log	Sawtimb 10	er Well	2.2 Sub-Cal With Sub-Cal With	84 nopy Species nite Pine ch Hazel 82 nopy Species nite Pine	nspecified 111-140 Density Low Low 111-140 Density Low Low	N/A Avg. Height 10 - 20 feet 5 - 10 feet N/A Avg. Height 5 - 10 feet	Size Sapling Tall Shrub Size Sapling	Stand meets silvicultural criteria for harvest but could also wait. Stand appears healthy, and bordering stands were recently harvested. Aspe was found in a few clones on the north end of the stand. Timber is smaller in diameter to the south. Small oak stand. Reserve for mast production.
62 Bla	4125 - Black Canopy Species Red Maple White Oak Bigtooth Aspen ack/Red (Hybrid) Oak White Pine Red Oak 4126 - White, B Canopy Species ack/Red (Hybrid) Oak White Oak	k, N. Pin O **Cover* 5	Size Class Pole/Log Log/Pole Log Pole Log Pole Log Log Pole Log Log No Oak Size Class Log/Pole Log/Pole	Sawtimb 10	er Well 84 ber Well	2.2 Sub-Cal With Sub-Cal With Sub-Cal With With	84 nopy Species nite Pine ch Hazel 82 nopy Species nite Pine ch Hazel	nspecified 111-140 Density Low Low 111-140 Density Low Low Low	N/A Avg. Height 10 - 20 feet 5 - 10 feet N/A Avg. Height 5 - 10 feet 5 - 10 feet	Size Sapling Tall Shrub Size Sapling Tall Shrub	Stand meets silvicultural criteria for harvest but could also wait. Stand appears healthy, and bordering stands were recently harvested. Aspe was found in a few clones on the north end of the stand. Timber is smaller in diameter to the south. Small oak stand. Reserve for mast production.
62 Bla	4125 - Black Canopy Species Red Maple White Oak Bigtooth Aspen ack/Red (Hybrid) Oak White Pine Red Oak 4126 - White, B Canopy Species ack/Red (Hybrid) Oak White Oak Red Oak	k, N. Pin O **Cover* 5	Size Class Pole/Log Log/Pole Log Pole Log Pole Log Log Pole Log Log Pole Log Nn Oak Size Class Log/Pole Log/Pole Log/Pole	Sawtimb	er Well 84 ber Well	2.2 Sub-Cal With Sub-Cal With Sub-Cal With With	84 nopy Species nite Pine ch Hazel 82 nopy Species nite Pine	nspecified 111-140 Density Low Low 111-140 Density Low Low	N/A Avg. Height 10 - 20 feet 5 - 10 feet N/A Avg. Height 5 - 10 feet	Size Sapling Tall Shrub Size Sapling	Stand meets silvicultural criteria for harvest but could also wait. Stand appears healthy, and bordering stands were recently harvested. Aspe was found in a few clones on the north end of the stand. Timber is smaller in diameter to the south. Small oak stand. Reserve for mast production.
62 Bla	4125 - Black Canopy Species Red Maple White Oak Bigtooth Aspen ack/Red (Hybrid) Oak White Pine Red Oak 4126 - White, B Canopy Species ack/Red (Hybrid) Oak White Oak Red Oak White Oak Red Oak White Pine	k, N. Pin O **Cover 5 15 5 65 5 8lack, N. Pi **Cover 45 20 10 15	Pole/Log Log/Pole Log Log Pole Log Rog Pole Log Log Log Pole Log Log Noak Size Class Log/Pole Log/Pole Log/Pole Log/Pole Log/Pole	Sawtimb 10	er Well 84 ber Well	2.2 Sub-Cal With Sub-Cal With Sub-Cal With With	84 nopy Species nite Pine ch Hazel 82 nopy Species nite Pine ch Hazel	nspecified 111-140 Density Low Low 111-140 Density Low Low Low	N/A Avg. Height 10 - 20 feet 5 - 10 feet N/A Avg. Height 5 - 10 feet 5 - 10 feet	Size Sapling Tall Shrub Size Sapling Tall Shrub	Stand meets silvicultural criteria for harvest but could also wait. Stand appears healthy, and bordering stands were recently harvested. Aspe was found in a few clones on the north end of the stand. Timber is smaller in diameter to the south. Small oak stand. Reserve for mast production.
62 Bla	4125 - Black Canopy Species Red Maple White Oak Bigtooth Aspen ack/Red (Hybrid) Oak White Pine Red Oak 4126 - White, B Canopy Species ack/Red (Hybrid) Oak White Oak Red Oak	k, N. Pin O **Cover* 5	Size Class Pole/Log Log/Pole Log Pole Log Pole Log Log Pole Log Log Pole Log Nn Oak Size Class Log/Pole Log/Pole Log/Pole	Sawtimb	er Well 84 ber Well	2.2 Sub-Cal With Sub-Cal With Sub-Cal With With	84 nopy Species nite Pine ch Hazel 82 nopy Species nite Pine ch Hazel	nspecified 111-140 Density Low Low 111-140 Density Low Low Low	N/A Avg. Height 10 - 20 feet 5 - 10 feet N/A Avg. Height 5 - 10 feet 5 - 10 feet	Size Sapling Tall Shrub Size Sapling Tall Shrub	Stand meets silvicultural criteria for harvest but could also wait. Stand appears healthy, and bordering stands were recently harvested. Aspe was found in a few clones on the north end of the stand. Timber is smaller in diameter to the south. Small oak stand. Reserve for mast production.



Stand	d Level 4 Co	over Type	Si	ize De	nsity	Acres	Stand Age B	A Range	Managed S	Site	General Comments	MICHIGAN .
68	4191 - Mixed Upla Co	ınd Decidu nifer	ous with Po	letimb	er Well	94.9	36	51-80	N/A		Stand was treated in 1985 sale # "63-002-83", "Flowing Spr read cut all aspen, oak, and red maple.	ring". Specs
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size		
	Red Maple	20	Pole/Sapling	5		WI	hite Pine	Low	5 - 10 feet	Sapling		
	Bigtooth Aspen	20	Pole/Sapling	5		Wit	tch Hazel	Low	5 - 10 feet	Tall Shrub		
Blac	ck/Red (Hybrid) Oak	30	Sapling/Pole	4	36							
	White Pine	25	Log/Pole/Sap	10	84							
	Black Cherry	5	Pole/Sapling	5								
69	4131 - A	spen, Oak	Ро	letimb	er Well	27.3	36	111-140	N/A		Stand was treated in 1985 sale # "63-002-83", "Flowing Spr	ring". Specs
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	read cut all aspen, oak, and red maple.	
	Red Maple	20	Pole	4		Wit	tch Hazel	Low	5 - 10 feet	Tall Shrub		
	Bigtooth Aspen	60	Pole	6	36					•		
	zigiooiii / topoii	00	1 010	0	30							
	ck/Red (Hybrid) Oak	20	Pole	4	30							
		20	Pole	4 wtimb	er Well	11.1	86	111-140	N/A			
Blac	ck/Red (Hybrid) Oak	20 k, N. Pin C	Pole	4 wtimb			86 anopy Species	111-140 Density	N/A Avg. Height	Size		
Blac	ck/Red (Hybrid) Oak 4125 - Black	20 k, N. Pin C	Pole Pak Sa	4 wtimb	er Well	Sub-Ca				Size Sapling		
Blac	ck/Red (Hybrid) Oak 4125 - Black Canopy Species	k, N. Pin C	Pole Pak Sa Size Class	4 wtimb	er Well	Sub-Ca	nopy Species	Density	Avg. Height			
70	ck/Red (Hybrid) Oak 4125 - Blact Canopy Species Red Maple	20 k, N. Pin C % Cover 20	Pole lak Sa Size Class Pole	wtimb DBH	er Well	Sub-Ca	nopy Species	Density	Avg. Height			
70	ck/Red (Hybrid) Oak 4125 - Black Canopy Species Red Maple White Oak	20 k, N. Pin C % Cover 20 5	Pole Pak Sa Size Class Pole Log/Pole	wtimb DBH 8 10	er Well	Sub-Ca	nopy Species	Density	Avg. Height			
70	ck/Red (Hybrid) Oak 4125 - Black Canopy Species Red Maple White Oak Bigtooth Aspen	20 k, N. Pin C % Cover 20 5 15	Pole Pak Sa Size Class Pole Log/Pole Log	4 wtimb DBH 8 10 12 14	er Well	Sub-Ca	nopy Species	Density	Avg. Height			
70	ck/Red (Hybrid) Oak 4125 - Black Canopy Species Red Maple White Oak Bigtooth Aspen ck/Red (Hybrid) Oak	20 k, N. Pin C Cover 20 5 15 55 5	Pole Pak Sa Size Class Pole Log/Pole Log Log/Pole/XLog Log/Pole/XLog	4 wtimb DBH 8 10 12 14 12	er Well	Sub-Ca	anopy Species hite Pine	Density	Avg. Height		Stand was treated in Summer 2006, timber sale #"63-001-0	
70	ck/Red (Hybrid) Oak 4125 - Black Canopy Species Red Maple White Oak Bigtooth Aspen ck/Red (Hybrid) Oak White Pine	20 k, N. Pin C Cover 20 5 15 55 5 k, N. Pin C	Pole Pak Sa Size Class Pole Log/Pole Log Log/Pole/XLog Log/Pole/XLog	4 wtimb DBH 8 10 12 14 12 pling N	er Well I Age	Sub-Ca WI	anopy Species hite Pine	Density High	Avg. Height 10 - 20 feet		"Centerline Gamble". Stand was CC with a strip of the origin	
70	ck/Red (Hybrid) Oak 4125 - Black Canopy Species Red Maple White Oak Bigtooth Aspen ck/Red (Hybrid) Oak White Pine 4125 - Black	20 k, N. Pin C Cover 20 5 15 55 5 k, N. Pin C	Pole Pak Sa Size Class Pole Log/Pole Log Log/Pole/XLog Log/Pole/XLog Pole/XLog Pole/XLog Pole/XLog Pole/XLog Pole/XLog Pole/XLog Pole/XLog Pole/XLog	4 wtimb DBH 8 10 12 14 12 pling N	er Well I Age 86	Sub-Ca WI	anopy Species hite Pine	Density High	Avg. Height 10 - 20 feet			
70 Blace 71	ck/Red (Hybrid) Oak 4125 - Black Canopy Species Red Maple White Oak Bigtooth Aspen ck/Red (Hybrid) Oak White Pine 4125 - Black Canopy Species	20 k, N. Pin C Cover 20 5 15 55 5 k, N. Pin C	Pole Pak Sa Size Class Pole Log/Pole Log Log/Pole/XLog Log/Pole/XLog Log/Pole/XLog Size Class	4 wtimb BH 8 10 12 14 12 pling N	er Well I Age 86	Sub-Ca WI	anopy Species hite Pine	Density High	Avg. Height 10 - 20 feet		"Centerline Gamble". Stand was CC with a strip of the origin	
70 Blace 71	ck/Red (Hybrid) Oak 4125 - Black Canopy Species Red Maple White Oak Bigtooth Aspen ck/Red (Hybrid) Oak White Pine 4125 - Black Canopy Species Red Maple	20 k, N. Pin C Cover 20 5 15 55 5 k, N. Pin C Cover 5	Pole Pak Sa Size Class Pole Log/Pole Log Log/Pole/XLog Log/Pole/XLog ak Sa Size Class Sapling	4 wtimb DBH 8 10 12 14 12 pling N DBH 2	er Well I Age 86	Sub-Ca WI	anopy Species hite Pine	Density High	Avg. Height 10 - 20 feet		"Centerline Gamble". Stand was CC with a strip of the origin	
70 Blace 71	ck/Red (Hybrid) Oak 4125 - Black Canopy Species Red Maple White Oak Bigtooth Aspen ck/Red (Hybrid) Oak White Pine 4125 - Black Canopy Species Red Maple Bigtooth Aspen	20 k, N. Pin C Cover 20 5 15 55 5 k, N. Pin C Cover 5 10	Pole Pak Sa Size Class Pole Log/Pole Log Log/Pole/XLog Log/Pole/XLog Sak Sa Size Class Sapling Sapling	4 wtimb BH 8 10 12 14 12 pling N DBH 2 2	er Well I Age 86 Medium I Age	Sub-Ca WI	anopy Species hite Pine	Density High	Avg. Height 10 - 20 feet		"Centerline Gamble". Stand was CC with a strip of the origin	
70 Blace 71	ck/Red (Hybrid) Oak 4125 - Black Canopy Species Red Maple White Oak Bigtooth Aspen ck/Red (Hybrid) Oak White Pine 4125 - Black Canopy Species Red Maple Bigtooth Aspen ck/Red (Hybrid) Oak	20 k, N. Pin C Cover 20 5 15 55 5 k, N. Pin C Cover 5 10 60	Pole Pak Sa Size Class Pole Log/Pole Log Log/Pole/XLog Log/Pole/XLog ak Sa Size Class Sapling Sapling Sapling	4 wtimb BH 8 10 12 14 12 pling N DBH 2 2 2 2	er Well I Age 86 Medium I Age	Sub-Ca WI	anopy Species hite Pine	Density High	Avg. Height 10 - 20 feet		"Centerline Gamble". Stand was CC with a strip of the origin	