

## **Compartment Review Presentation**

**Cadillac Forest Management Unit** 

Compartment 63107 Entry Year 2022 Acreage: 1,494

County Missaukee

Management Area: Upper Muskegon

Revision Date: 2020-06-03

Stand Examiner: Matt Edison

**Legal Description:** 

T21N, R6W, Sections 11, 14, 23, 26, 35.

### **Identified Planning Goals:**

Maintain species and age class diversity

### Soil and topography:

Mostly Rubicon and Croswell sands. Terrain is mostly level.

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

: Private parcels are scattered through out the compartment. There are full time residences, as well as seasonal cabins around Dyer Lake. Michigan Gas Storage Company has a gas storage field in section 35. Fields in section 26 are tilled and planted every year by local farmer.

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

35Historical wood turtle\* record from Clam River (SW 1/4 of sections 26 and 35); additional wood turtle record to NE. Historical slippershell mussel\* occurrence from Clam River (SW 1/4 of sections 26 and 35); another record to W. Kirtland's warbler documented to immediate SE. Bald eagle recorded to E. Grasshopper sparrow recorded to W. Secretive locust recorded to E. Elktoe mussel about 0.75 mile to W from Clam River.

Hill's thistle record to SE. Ginseng documented to SE.

Potential for red-shouldered hawk and northern goshawk. Potential for great blue heron rookery. Potential for Kirtland's warbler and prairie warbler in young jack pine. Potential for Blanding's turtle, eastern massasauga, and wood turtle. Potential for dusted skipper, grizzled skipper, and red-legged spittlebug in grassy openings and young jack pine. Potential for secretive locust.

Potential for dry prairie plants in grassy openings: Hill's thistle, rough fescue, Alleghany plum, and pale agoseris.

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

Possible Woodland Indian earthwork in the area.

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

Timber Intensive. Maintain cover types and age class diversity.

#### **Watershed and Fisheries Considerations:**

Clam River in SW1/4 of section 35.

#### Wildlife Habitat Considerations:

Featured wildlife species in this Management Area are diverse reflecting the wide range of habitat types present. Featured Species of wildlife include american bittern, american woodcock, beaver, black bear, eastern massasuga rattlesnake, mallard, golden-winged 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

Surface sediments consist of glacial outwash sand and gravel and postglacial alluvium. The glacial drift thickness varies between 600 and 800 feet. Beneath the glacial drift are the Pennsylvanian Grand River and Saginaw Formations. The Saginaw is quarried for clay/shale in other parts of the State. Gravel pits are located inside the compartment and surrounding the compartment and potential is considered to be good. Section 35 is part of Cranberry Lake Field. The field is a Stray Sandstone gas storage area (7.7 Bcf) and a Richfield secondary recovery operation (1.7 MBO). All state lands are leased for oil and gas development, or are nominated for the May 2010 auction. Section 26 and 35 also are leased for

Underground Gas Storage.

#### **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.

Proposed new roads or roads recommended for substantial improvement are noted below

#### **Survey Needs:**

Corners needed in Sections 26 & 35.

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

: Hunting, fishing and snowmobiling are the main recreation activities in this compartment. There are no designated trails. Dispersed fishing on Dyer Lake and Clam river.

#### **Fire Protection:**

Soils within the compartment is lowland which will limit the use of wheeled fire suppression trucks. Fuels would not support large fire growth. Limited access to the county road and a few 2 tracks. Dispersed camping and ORV use could be a cause for wildfires.

#### **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

Matt Edison : Examiner



## Age Class

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	/	/ ** /	/ /	/	_ /	_ /	_ /	/	/ /	/ /		_ /	_ /	, _ /	/	/ /	/	/ /	No. No.
		KOR C	§ / s		\$ \\ \g			<sup>8</sup> /8	§ / ×	\$ <sup>P</sup> \ 8	\$ \ &				R S	1.53 / NE	\$ <sup>\$\$</sup>	Š, \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	ENS. YOU
	/ 🗞		/ ``	/ '	/ "	/ *	/ "	/ "	/ ``		/ "	/ %		/ *	/ ~			· / §	
Aspen	0	266	99	104	87	88	32	0	0	8	0	0	0	0	0	0	0	0	684
Cedar	0	0	0	0	0	0	0	0	0	11	0	0	0	0	0	0	0	0	10
Herbaceous Openland	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Jack Pine	0	7	0	63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	70
Low-Density Trees	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Lowland Aspen/Balsam Poplar	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Lowland Conifers	0	0	0	0	0	0	0	3	19	0	0	0	0	0	0	0	0	0	22
Lowland Deciduous	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	12
Lowland Mixed Forest	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Lowland Shrub	230	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	230
Marsh	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40
Mixed Upland Deciduous	0	26	53	0	0	0	0	10	0	0	0	0	0	0	0	0	0	38	127
Natural Mixed Pines	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Northern Hardwood	0	0	0	27	0	0	0	0	0	0	0	0	0	0	0	0	0	11	38
Oak	0	0	0	0	0	19	7	0	0	0	6	0	0	0	0	0	0	75	106
Red Pine	0	0	0	0	0	0	0	35	0	0	4	0	0	0	0	0	0	0	39
Treed Bog	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Upland Conifers	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	5
Upland Mixed Forest	0	0	7	22	0	0	3	6	0	0	0	0	0	0	0	0	0	0	38
Upland Spruce/Fir	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Urban	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Water	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15
White Pine	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	3	9
Total	312	299	166	216	102	107	53	54	20	19	10	0	0	0	0	0	0	139	1494



## **Report 2 – Treatment Summary**

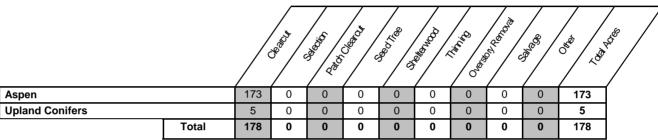
## Cadillac Mgt. Unit Year of Entry: 2022

#### **Acres of Harvest**

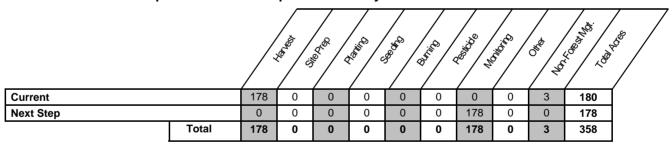
Compartment 107
Total Compartment Acres: 1,494

Commercial Harvest - 178
Harvests with Site Condition - 0
Next Step Harvest - 0
Habitat Cut - 0

## **Cover Type by Harvest Method**



## **Proposed and Next Step Treatments by Method**



Cadillac Mgt. Unit

Stand

CoverType

Report 3 -- Treatments

BA

Range

Compartment: 107 Year of Entry: 2022

**Cover Type** 

Objective

Habitat

Cut

Age

Structure

**Proposed Treatments:** 

**Treatment** 

Name

S t а

n

d

15 63107015-Cut 37.6 4130 - Aspen Poletimber 38 111-Harvest Clearcut with 4139 - Aspen, Even-Aged No Well 140 Retention Mixed

**Treatment** 

Type

Deciduous

**Treatment** 

Method

Final Harvest. Leave retention islands = to 3 to 5 percent of total acreage. Cut all deciduous down to 2" dia. Leave any Legacy WP that are Prescription

Specs: found 20" DBH or larger.

Next Step Monitoring, Natural Regen (Intermediate)

Acres

Treatments:

Acceptable Aspen, Oak, Maple, Birch, Cherry, Pine, Balsam Fir, Spruce, or Cedar

Regen:

Actual treatment size may vary and will directly reflect on the ground conditions during timber sale prep. Other

Size

Density

Stand

Age

Comment:

Site Condition

Proposed Start Date: 10/1 /2021

63107058-Cut 31.8 4130 - Aspen Poletimber 57 141-Harvest Clearcut with 4139 - Aspen, Even-Aged Nο 58 Well 170 Retention Mixed Deciduous

Prescription Final Harvest. Leave retention islands = to 3 to 5 percent of total acreage. Leave any large White Pine 14" DBH or greater.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Any mix of Jack Pine, Aspen, Spruce, Balsam Fir, Birch, Red Pine, White Pine, Maple, Oak, Cherry, Cedar, or Hemlock

Regen:

Other Actual treatment size may vary and will directly reflect on the ground conditions during timber sale prep.

Comment:

Site Condition

Proposed Start Date: 10/1 /2021

63107070-Cut 59.7 4132 - Aspen, Jack Poletimber 49 111-Harvest Clearcut with 4319 - Mixed Even-Aged No 140

Pine

Well

Retention **Upland Forest** 

<u>Prescription</u> Final Harvest. Leave retention islands = to 3 to 5 percent of total acreage. Stand is variable, possible retention areas where timber is

smaller. Protect any legacy white pine by leaving all white pine over 20 inches in diameter. Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Any mix of Jack Pine, Aspen, Spruce, Balsam Fir, Birch, Red Pine, White Pine, Maple, Oak, Cherry, Cedar, or Hemlock

Regen:

Actual treatment size may vary and will directly reflect on the ground conditions during timber sale prep. Other

Comment: Will need Private boundary installed on West side.

Site Condition

Proposed Start Date: 10/1 /2021

Cadillac Mgt. Unit

Report 3 -- Treatments

Compartment: 107 Year of Entry: 2022	DNR MICHIGAN
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S t										Year of Entr	y: 2022	DNR
a n d	Treatr Nan		Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
88	631070	988-Cut	34.3	4134 - Aspen, Spruce/Fir	Poletimbe Well	er 38	141- 170	Harvest	Clearcut with Retention	4139 - Aspen, Mixed Deciduous	Even-Aged	No
	scription ecs:	Final H	arvest. Lea	ave retention island	ds = to 3 to	5 perce	nt of total	acreage. Leave	any large White P	ine 14" DBH or g	reater.	
	kt Step atments:	Monitor	ing, Natura	al Regen (Re-Inve	ntory)							
	ceptable gen:	Any mix	of Jack P	ine, Aspen, Spruc	e, Balsam f	Fir, Bircl	h, Red Pi	ne, White Pine, I	Maple, Oak, Cherry	y, Cedar, or Heml	ock	
Oth Cor	<u>ner</u> mment:	Actual t	reatment s	size may vary and	will directly	reflect o	on the gro	ound conditions c	during timber sale p	orep.		
Site	<u>Conditio</u>	<u>n</u>										
Pro	posed St	art Date:	10/1 /202	21								
105	631071	05-Cut	5.3 4	29 - Mixed Upland Conifers	Poletimbe Well	r 50	51-80	Harvest	Clearcut with Retention	429 - Mixed Upland Conifers	Even-Aged	No
	scription ecs:	Final Ha	arvest. Cu	t all Deciduous an	d conifer do	own to 2	2", except	leave any cedar	and hemlock. As	well, mark a few	scattered of la	rger White
	kt Step atments:	Monitor	ing, Natura	al Regen (Re-Inve	ntory)							
	eptable gen:	Any mix	of Jack P	ine, Aspen, Spruc	e, Balsam F	Fir, Bircl	h, Red Pi	ne, White Pine, N	Maple, Oak, Cherry	, Cedar, or Heml	ock	
Oth Cor	<u>ier</u> mment:	.Actual	treatment	size may vary and	will directly	reflect	on the gr	ound conditions	during timber sale	prep.		
Site	<u>Conditio</u>	<u>n</u>										
Pro	posed St	art Date:	10/1 /202	21								
111	63107	111-NF	2.5	3102 - Grass	Nonstocke	ed	Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		No
	scription ecs:	Investig	jate appare	ent trespass and re	emedy/resto	ore.				·		
	kt Step atments:											
	eptable gen:											

<u>Other</u>

Comment:

Site Condition

Proposed Start Date: 11/1 /2020

Cadillac Mgt. Unit Report 3 -- Treatments Compartment: 107 S Year of Entry: 2022 t а **Treatment** ВА **Treatment Treatment Cover Type** Acres Stand Size Stand Age Habitat n Method Objective Structure Name CoverType Density Type Age Range Cut d 63107114-Cut 9.1 4131 - Aspen, Oak Poletimber 111-Harvest Clearcut with 4139 - Aspen, Even-Aged No Well 140 Retention Mixed Deciduous Prescription Final Harvest. Leave retention islands = to 3 to 5 percent of total acreage. Leave any large White Pine 14" DBH or greater. Specs: Monitoring, Natural Regen (Re-Inventory) Next Step Treatments: Acceptable Any mix of Jack Pine, Aspen, Spruce, Balsam Fir, Birch, Red Pine, White Pine, Maple, Oak, Cherry, Cedar, or Hemlock Regen: **Other** Actual treatment size may vary and will directly reflect on the ground conditions during timber sale prep. Comment:

Total Treatment Acreage Proposed: 180.3

Proposed Start Date: 10/1 /2021

Site Condition

Cadillac Mgt. Unit

Matt Edison : Examiner

Compartment: 107
Year of Entry: 2022

#### **Availability for Management** Total Acres Avail Acres Acres **Dominant Site Conditions** With Condition Not Available 3D 3J Acres Available 2G Aspen Cedar Herbaceous Openland Jack Pine Low-Density Trees Lowland Aspen/Balsam Poplar **Lowland Conifers Lowland Deciduous Lowland Mixed Forest Lowland Shrub** Marsh **Mixed Upland Deciduous Natural Mixed Pines** Northern Hardwood Oak Red Pine Treed Bog **Upland Conifers Upland Mixed Forest** Upland Spruce/Fir Urban Water White Pine 1,494 1,440 **Total Forested Acres** 4% 96% Relative Percent

<sup>\*</sup>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	<b>Dominant Site Condition</b>	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	19	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						

# Report 4 – Site Conditions

Cadillac Mgt. Unit
Matt Edison : Examiner

2	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	11	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Consider a salvage	e sale					
4	Unavailable	3D: Recreational / Scenic values	6	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: camping area						
8	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	18	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						

Mgt. Unit

Compartment: #Type! Year of Entry:

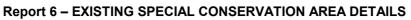


## Report 5 - PROPOSED SPECIAL CONSERVATION AREA\* (SCA) DETAILS

\* 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				

Cadillac Mgt. Unit Compartment: 107
Year of Entry 2022





\* 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	on Type	Description	ERA = Ecological Reference Area HCVA = High Conservation Value Area SCA = Special Conservation Area
SCA	Cold Water Lake	A coldwater lake has temperature and dissolved oxygen conditions stocked trout populations and those of other coldwater fish spec conditions for coldwater fishes may occur in Michigan lakes if the groundwater inflows, or are located in colder (northern) areas of Director's action and designated as trout resources by Fisheries	ies to persist from year to year. Suitable ey are relatively deep, have substantial the state. Such lakes are established by
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen cond stocked trout populations and those of other coldwater fish spec year to year. Coldwater streams in Michigan typically provide the contributions of groundwater to their stream flows. Such streams designated as trout resources by Fisheries Order 210.	ies (e.g., slimy sculpin) to persist from ese conditions due to substantial
SCA	Riparian Area	A transitional area between aquatic and terrestrial ecosystems in influences the aquatic ecosystem and vice-versa. Because of the streams and open water wetlands, riparian areas harbor a high communities are ecologically and socially significant in their effe as aesthetics, habitat, bank stability, timber production, and their	e unique conditions adjacent to lakes, diversity of plants and wildlife. Riparian cts on water quality and quantity, as well



Stand	Level 4 Co	over Type		Size Der	nsity	Acres	Stand Age	BA Range	Managed S	ite	General Comments	MICHIGAN .
1	6239 - Mixed E	mergent W	etland	Nonsto	cked	1.2			No			
2	4191 - Mixed Upla Co	and Decidu nifer	ous with	Poletimber	Medium	n 17.4	22	51-80	N/A		This stand has had aspen and maple removed as well as dead oal looks ok, hold for now. Remove large oak next entry.	k Oak
	Red Maple Red Oak White Pine Bigtooth Aspen	% Cover 25 15 25 35	Pole Log/Pole/X Pole Sapling	8 Log 16 5	Age 22							
3	3102	- Grass		Nonsto	cked	0.7			No			
4	623 - Emer	gent Wetla	nd	Nonsto	cked	0.8			No			
5	4130 Canopy Species	- Aspen	Size Clas	Sapling s DBH		10.2	23	Immature	N/A		Good looking Aspen regen. About 35 feet tall. A few scattered larg	e Oak.
	Red Maple Red Oak Bigtooth Aspen	15 10 75	Sapling Log Sapling/Po	14	23							
6	4123 -	Red Oak		Sawtimbe	r Poor	6.1	95	1-50	N/A		Lake access oak has been salvaged due to oak wilt	
	Red Maple Red Oak	% Cover 20 80	Size Class Pole Log/Pole	6	Age 95		nopy Specie d Maple	S Density Low	Avg. Height < 5 feet	<b>Size</b> Sapling		
7	122 - Road	I/Parking L	ot	Nonsto	cked	1.2			No			
8	4199 - Other Mixed			Poletimbe		10.4	65	51-80	N/A		Mixed deciduous, mostly red maple. Large Oak and scattered Whi	te and
	Canopy Species		Size Clas				opy Specie		Avg. Height	Size	-	,
	Red Maple	45	Pole	9	65	Red	d Maple	Medium	5 - 10 feet	Sapling		
	Red Oak	20	Log/Pole									
	Paper Birch	5	Pole Pole	6								
l	Bigtooth Aspen White Pine	15 5	Pole/Log	_								
	Black Cherry	5	Pole/Log									
			`									
	Red Pine	5	Log	16								



tand	d Level 4 C	71.									
9	4130	- Aspen	F	Poletimb	er Wel	l 9.1	28	Immature	N/A		
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-C	anopy Spec	ies Density	Avg. Height	Size	
	Red Maple	20	Pole/Sapling	5		W	itch Hazel	Low	5 - 10 feet	Tall Shrub	
	Bigtooth Aspen	65	Pole/Sapling	5	28						_
١	Northern Pin Oak	10	Pole/Sapling	5							
	Black Cherry	5	Pole/Sapling	5							
10	4121 - C	ak, Aspen	Sa	wtimbe	r Mediu	ım 9.8	95	1-50	N/A		
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-C	anopy Spec	ies Density	Avg. Height	Size	
	Red Oak	45	Log	14	95	V	Vhite Pine	Low	< 5 feet	Sapling	
	Bigtooth Aspen	30	Pole	8		- 1	Red Pine	Low	< 5 feet	Sapling	
Ν	Northern Pin Oak	20	Log/Pole	10							-
	Red Pine	5	Log/Pole	10							
	623 - Emer 623 - Emer			Nonsto		8.1			No No		
						8.1 <b>Sub-C</b>	canopy Spec			Size Tall Shrub	
12	623 - Emer		nd		ocked	8.1 <b>Sub-C</b>		Density High 51-80	No		Teated last year of entry with a salvage.
2	623 - Emer	gent Wetla	nd	Nonsto	ocked	8.1 <b>Sub-C</b> L	eatherleaf	High 51-80	No Avg. Height		
12	623 - Emer 4123 -	gent Wetla	nd	Nonsto	ocked oer Wel	8.1 Sub-C L I 45.8 Sub-C	eatherleaf 95	High 51-80	No Avg. Height	Tall Shrub	
12	623 - Emer 4123 - Canopy Species	gent Wetla Red Oak % Cover	nd Size Class	Nonsto Sawtimb DBH	ocked oer Wel	8.1 Sub-C L I 45.8 Sub-C	eatherleaf 95 canopy Spec	High 51-80 cies Density	No Avg. Height N/A Avg. Height	Tall Shrub	
12	623 - Emer 4123 - Canopy Species Red Maple	gent Wetla  Red Oak  **Cover** 20	nd Size Class Pole	Nonsto	ocked er Wel	8.1  Sub-C  L  1 45.8  Sub-C  R  BI	95 Sanopy Spec	51-80 Sies Density Medium	No Avg. Height N/A Avg. Height 10 - 20 feet	Size Sapling	Teated last year of entry with a salvage.
12	623 - Emer 4123 - Canopy Species Red Maple Red Oak	gent Wetla  Red Oak  **Cover*  20 60	Size Class Pole Log/Pole	Nonsto	ocked er Wel	8.1  Sub-C  L  1 45.8  Sub-C  R  BI	95 Sanopy Spec Red Maple ack Cherry	51-80 Lies Density Medium Medium	No Avg. Height  N/A  Avg. Height 10 - 20 feet 5 - 10 feet	Size Sapling Sapling	Teated last year of entry with a salvage.
13	623 - Emer  4123 -  Canopy Species  Red Maple  Red Oak  Bigtooth Aspen  Black Cherry	Red Oak  **Cover** 20 60 15	Size Class Pole Log/Pole Pole	Nonsto	er Wel	8.1  Sub-C  L  1 45.8  Sub-C  R  BI	95 Sanopy Spec Red Maple ack Cherry	51-80 Lies Density Medium Medium	No Avg. Height  N/A  Avg. Height 10 - 20 feet 5 - 10 feet	Size Sapling Sapling	Teated last year of entry with a salvage.
13	623 - Emer  4123 -  Canopy Species  Red Maple  Red Oak  Bigtooth Aspen  Black Cherry	Red Oak  **Cover* 20 60 15 5	Size Class Pole Log/Pole Pole Pole	Nonsto	per Wel  I Age  95  ocked	8.1  Sub-C  L  45.8  Sub-C  R  BI  W	95 Sanopy Spec Red Maple ack Cherry /itch Hazel	51-80 Sies Density Medium Medium Low	No Avg. Height  N/A  Avg. Height 10 - 20 feet 5 - 10 feet 10 - 20 feet	Size Sapling Sapling	Teated last year of entry with a salvage.
111 112 113 114	623 - Emer  4123 -  Canopy Species  Red Maple  Red Oak  Bigtooth Aspen  Black Cherry	Red Oak  **Cover* 20 60 15 5  Treed Bog - Aspen	Size Class Pole Log/Pole Pole Pole	Nonsto  DBH 6 14 8 6 Nonsto	per Wel  I Age  95  ocked	8.1  Sub-C  L  45.8  Sub-C  R  BI  W  8.8	95 Red Maple ack Cherry //itch Hazel	51-80 Sies Density Medium Medium Low Unspecified	No Avg. Height  N/A  Avg. Height 10 - 20 feet 5 - 10 feet 10 - 20 feet  No	Size Sapling Sapling	Teated last year of entry with a salvage.  Wet marsh area filling in with poor quality jack pine and tamarack
113	623 - Emer 4123 - Canopy Species Red Maple Red Oak Bigtooth Aspen Black Cherry 6224 - 1	Red Oak  **Cover* 20 60 15 5  Treed Bog - Aspen	Size Class Pole Log/Pole Pole Pole	Nonsto  DBH 6 14 8 6 Nonsto	per Wel	8.1  Sub-C  L  45.8  Sub-C  R  BI  W  8.8	eatherleaf  95  Red Maple ack Cherry /itch Hazel  0	51-80 Sies Density Medium Medium Low Unspecified	No Avg. Height  N/A  Avg. Height 10 - 20 feet 5 - 10 feet 10 - 20 feet  No	Size Sapling Sapling Tall Shrub	Teated last year of entry with a salvage.  Wet marsh area filling in with poor quality jack pine and tamarack



Stan	d Level 4 C	over Type		Size [	Density	Acres	Stand Age	BA Range	Managed S	ite	General Comments
17	4199 - Other Mixe	d Upland D	eciduous	Sawtim	nber Well	20.6	90	1-50	N/A		Treated last year of entry mast oak over aspen maple.
	Canopy Species	% Cover	Size Class	DE	BH Age	Sub-Ca	anopy Species	Density	Avg. Height	Size	
	Red Maple	30	Pole/Sapling	g 5		Bla	ick Cherry	Low	5 - 10 feet	Sapling	
	Red Oak	30	Log	14	4 90			'			•
	Bigtooth Aspen	20	Pole/Sapling	g 5							
	Northern Pin Oak	20	Log	14	4						
18	4131 - A	spen, Oak		Poletim	nber Well	8.0	38	81-110	N/A		Small diameter mixed stand. Check in 10 years.
	Canopy Species	% Cover	Size Class	DE	BH Age						
	Red Maple	20	Pole	6							
	Bigtooth Aspen	40	Pole	6	38						
	Northern Pin Oak	20	Pole	6							
	Black Cherry	20	Pole	6	i						
20	4130	- Aspen		Sapli	ng Well	30.6	7	Immature	N/A		Treated with sale 630381201. Good looking aspen regen with a few
	Canopy Species	% Cover	Size Class	DE	BH Age						scattered oak.
	Red Maple	10	Sapling	2							
	Bigtooth Aspen	70	Sapling	2							
	Northern Pin Oak	10	Log/Pole	10							
	Black Cherry	10	Sapling	2							
21	4139 - Aspen,	Mixed Deci	duous	Sapli	ng Well	30.9	17	Immature	N/A		Treated in 1993. Some mast oak and log size red pine left scattered
	Canopy Species	% Cover	Size Class	DE	BH Age						throughout.
	Red Maple	30	Sapling	3							
	Bigtooth Aspen	50	Sapling	3	17						
	Northern Pin Oak	5	Log/Pole	14	4						
	Red Pine	5	Log/Pole	12	2						
	Black Cherry	10	Sapling	3							
22	4125 - Blac	k, N. Pin O	ak	Poletim	nber Well	7.3	55	51-80	N/A		Poorer quality mixed pole stand. Look at for harvest in 10 years.
	Canopy Species	% Cover	Size Class	DE	BH Age						
	Red Maple	15	Pole/Sapling	g 6							
	Bigtooth Aspen	15	Pole	6							
	Northern Pin Oak	45	Pole/Sapling	g 6	55						
	White Pine	10	Log/Pole	12	2						
	Red Oak	15	Pole/Sapling	g 5							



Stand	Level 4 Co	over Type		Size Der	nsity	Acres	Stand Ag	e BA Range	Managed S	Site	General Comments
23	4133 - Aspe			Sapling		41.6	8	Immature	N/A		Stand was treated as a seed tree cut treated with sale #63-032-11-01. Let regen develop and remove overstory pine next entry.
	nopy Species		Size Class	DBH	Age						200 ogon dovolop and romoto overesty pine non emily.
	Red Maple	15	Sapling	2							
	hern Pin Oak	10	Sapling	2							
	Vhite Pine	10	Log/Pole	10							
	Red Pine	15	Log/Pole	12							
Bla	ack Cherry	5	Pole	6							
Bigt	tooth Aspen	45	Sapling	2	8						
24	4130	- Aspen	F	Poletimbe	er Well	27.0	28	Immature	N/A		Good looking aspen. Cut in 1992 #63-043-92. Check again in 10 year
Ca	nopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	anopy Spec	ies Density	Avg. Height	Size	for harvest potential.
R	Red Maple	20	Pole/Sapling	5		North	nern Pin Oak	Low	< 5 feet	Sapling	
Bigt	tooth Aspen	70	Pole/Sapling	5	28	Wi	itch Hazel	Medium	Variable	Tall Shrub	
Bla	ack Cherry	10	Pole/Sapling	5							
25	330 - Low-[	Density Tre	es	Nonsto	cked	0.6	0	Unspecified	No		Lowland with scattered small lowland jp.
									N/A		Retention areas of previous WP stand that was harvested #63-028-12-
26	42200 - Natu	ıral White F	Pine Po	letimber	Mediu	m 5.5	57	51-80	IN/A		
	42200 - Natu		Pine Po Size Class	DBH			57 anopy Spec		Avg. Height	Size	01. Edge areas and some wet ground.
Ca						Sub-Ca				<b>Size</b> Pole	
Ca W	nopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	anopy Spec	ies Density	Avg. Height		•
Ca W	nopy Species Vhite Pine	<b>% Cover</b> 80	Size Class	<b>DBH</b>	Age	Sub-Ca W Bla	anopy Spec	Density  Medium  Low	Avg. Height < 5 feet	Pole	
Cal W North	nopy Species Vhite Pine	% Cover 80 20	Size Class Pole Pole	<b>DBH</b>	<b>Age</b> 57	Sub-Ca W Bla	anopy Spec hite Pine ack Cherry	Density  Medium  Low	Avg. Height < 5 feet 5 - 10 feet	Pole Sapling	
Ca W North	Nhite Pine hern Pin Oak	% Cover 80 20 gent Wetlan	Size Class Pole Pole	<b>DBH</b> 6 6	Age 57	Sub-Ca W Bla North	anopy Spec hite Pine ack Cherry	Density  Medium  Low	Avg. Height < 5 feet 5 - 10 feet 5 - 10 feet	Pole Sapling	·
Cal W North	Nopy Species White Pine Thern Pin Oak 623 - Emer	% Cover 80 20  gent Wetland/Parking Lo	Size Class Pole Pole Pole	DBH 6 6	Age 57	Sub-Ca W Bla North	anopy Spec /hite Pine ack Cherry nern Pin Oak	Medium Low Medium	Avg. Height < 5 feet 5 - 10 feet 5 - 10 feet No	Pole Sapling	01. Edge areas and some wet ground.
Cal W North	Nhite Pine Chern Pin Oak 623 - Emer	% Cover 80 20  gent Wetland/Parking Lo	Size Class Pole Pole Pole	DBH 6 6 Nonstoo	Age 57	Sub-Ca W Bla North 1.8 1.0	anopy Spec /hite Pine ack Cherry nern Pin Oak	Medium Low Medium Unspecified	Avg. Height < 5 feet 5 - 10 feet 5 - 10 feet No No	Pole Sapling Sapling	01. Edge areas and some wet ground.
Cal W North	Nhite Pine Chern Pin Oak 623 - Emer	% Cover 80 20  gent Wetland/Parking Lo	Size Class Pole Pole Pole	DBH 6 6 Nonstoo	Age 57	Sub-Ca W Bla North 1.8 1.0 9.2 Sub-Ca	anopy Spec /hite Pine ack Cherry nern Pin Oak	Medium Low Medium Unspecified	Avg. Height < 5 feet 5 - 10 feet 5 - 10 feet No	Pole Sapling	01. Edge areas and some wet ground.
Cal	hern Pin Oak 623 - Emer	% Cover 80 20  gent Wetland/Parking Lo	Size Class Pole Pole Pole	DBH 6 6 Nonstoo	Age 57 cked cked	Sub-Ca W Bla North  1.8  1.0  9.2  Sub-Ca Le	anopy Spec Thite Pine ack Cherry nern Pin Oak	Medium Low Medium Unspecified  Low Medium	Avg. Height < 5 feet 5 - 10 feet 5 - 10 feet No No	Pole Sapling Sapling	01. Edge areas and some wet ground.  aspen cut in 92 still has white pine overstory final harvest next time  Treated with sale 63-027-12-01. Residual scattered White and red pine
Can W North  27  28  29	hern Pin Oak 623 - Emer	% Cover 80 20  gent Wetland/Parking Logent Wetland spen, Oak	Size Class Pole Pole Pole	DBH 6 6 Nonstoo	cked cked	Sub-Ca W Bla North  1.8  1.0  9.2  Sub-Ca Le	anopy Spec Thite Pine ack Cherry nern Pin Oak  0	Medium Low Medium Unspecified  Low Medium  Medium	Avg. Height < 5 feet 5 - 10 feet 5 - 10 feet No No No Avg. Height	Pole Sapling Sapling	01. Edge areas and some wet ground.  aspen cut in 92 still has white pine overstory final harvest next time
Cal W North	hopy Species White Pine thern Pin Oak  623 - Emery  122 - Road  623 - Emery  4131 - A	% Cover 80 20  gent Wetland/Parking Logent Wetland spen, Oak	Size Class Pole Pole Pole	Nonstoo  Nonstoo  Nonstoo  Sapling M	cked cked	Sub-Ca W Bla North  1.8  1.0  9.2  Sub-Ca Le	anopy Spec Thite Pine ack Cherry nern Pin Oak  0	Medium Low Medium Unspecified  Low Medium  Medium	Avg. Height < 5 feet 5 - 10 feet 5 - 10 feet No No No Avg. Height	Pole Sapling Sapling	01. Edge areas and some wet ground.  aspen cut in 92 still has white pine overstory final harvest next time  Treated with sale 63-027-12-01. Residual scattered White and red pine
Cal W North  27  28  29  30  Cal North	hern Pin Oak  623 - Emerg  122 - Road  623 - Emerg  4131 - A	% Cover  80 20  gent Wetland  gent Wetland  spen, Oak  % Cover	Size Class Pole Pole  nd  Size Class	DBH 6 6 Nonstoo	cked cked	Sub-Ca W Bla North  1.8  1.0  9.2  Sub-Ca Le	anopy Spec Thite Pine ack Cherry nern Pin Oak  0	Medium Low Medium Unspecified  Low Medium  Medium	Avg. Height < 5 feet 5 - 10 feet 5 - 10 feet No No No Avg. Height	Pole Sapling Sapling	01. Edge areas and some wet ground.  aspen cut in 92 still has white pine overstory final harvest next time  Treated with sale 63-027-12-01. Residual scattered White and red pine
27 28 29 30 Cai	hern Pin Oak  623 - Emerg  122 - Roac  623 - Emerg  4131 - A  Inopy Species  chern Pin Oak	% Cover  80 20  gent Wetland  gent Wetland  gent Wetland  spen, Oak  % Cover  15	Size Class Pole Pole  nd  ot  Size Class Sapling	Nonstoo  Nonstoo  Nonstoo  Sapling M  DBH	cked cked	Sub-Ca W Bla North  1.8  1.0  9.2  Sub-Ca Le	anopy Spec Thite Pine ack Cherry nern Pin Oak  0	Medium Low Medium Unspecified  Low Medium  Medium	Avg. Height < 5 feet 5 - 10 feet 5 - 10 feet No No No Avg. Height	Pole Sapling Sapling	01. Edge areas and some wet ground.  aspen cut in 92 still has white pine overstory final harvest next time  Treated with sale 63-027-12-01. Residual scattered White and red pine
Cal W North  27  28  29  30  Ca North W	hern Pin Oak  623 - Emerg  122 - Road  623 - Emerg  121 - Autopy Species  thern Pin Oak  White Pine	% Cover  80 20  gent Wetland  gent Wetland  spen, Oak  % Cover  15 5	Size Class Pole Pole  Pole  nd  Size Class Size Class Sapling Log	Nonstoo  Nonstoo  Nonstoo  Nonstoo  DBH  1 12	cked cked	Sub-Ca W Bla North  1.8  1.0  9.2  Sub-Ca Le	anopy Spec Thite Pine ack Cherry nern Pin Oak  0	Medium Low Medium Unspecified  Low Medium  Medium	Avg. Height < 5 feet 5 - 10 feet 5 - 10 feet No No No Avg. Height	Pole Sapling Sapling	01. Edge areas and some wet ground.  aspen cut in 92 still has white pine overstory final harvest next time  Treated with sale 63-027-12-01. Residual scattered White and red pine
Cal W North  27  28  29  Cal North W	hern Pin Oak  623 - Emerg  122 - Road  623 - Emerg  121 - Autopy Species  thern Pin Oak  White Pine  Red Pine	% Cover  80 20  gent Wetland d/Parking Lover spen, Oak % Cover 15 5 10	Size Class Pole Pole  Pole  nd  Size Class Sapling Log Log/Pole	Nonstoo  Nonstoo  Nonstoo  Nonstoo  Nonstoo  Nonstoo  1 1 12 12 12	cked cked	Sub-Ca W Bla North  1.8  1.0  9.2  Sub-Ca Le	anopy Spec Thite Pine ack Cherry nern Pin Oak  0	Medium Low Medium Unspecified  Low Medium  Medium	Avg. Height < 5 feet 5 - 10 feet 5 - 10 feet No No No Avg. Height	Pole Sapling Sapling	01. Edge areas and some wet ground.  aspen cut in 92 still has white pine overstory final harvest next time  Treated with sale 63-027-12-01. Residual scattered White and red pine



Compartment: 107

Year of Entry: 2022

Stand	Level 4 C	over Type		Size De	ensity	Acres Stand Age BA Range			Managed S	Site	General Comments
31	4119 - Mixed No	orthern Hard	dwoods	Saplin	g Well	26.9	23	Immature	N/A		Good regen from previous sale. Reaching pole size soon.
	Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size	
	Red Maple	50	Sapling/Pole	4	23	Hawt	horn (spp.)	Low	5 - 10 feet	Tall Shrub	
	Bigtooth Aspen	10	Sapling	4				'	1	1	
Ν	lorthern Pin Oak	30	Sapling	4							
	Black Cherry	10	Sapling	4							
32	4119 - Mixed No	orthern Hard	dwoods F	Poletimb	er Well	9.8	65	1-50	N/A		Poorer quality pole stand of mostly red maple. There is some aspen an
	Canopy Species	% Cover	Size Class	DBI	H Age						cherry mixed. Smaller diameters. Some red pine in eastern end of star
	Red Maple	55	Pole	6	65						
	Bigtooth Aspen	15	Pole	6							
Ν	lorthern Pin Oak	15	Pole	5							
	Red Pine	10	Log/Pole	10							
	Black Cherry	5	Pole	6							
33	4119 - Mixed No	orthern Hard	dwoods F	Poletimb	oer Well	1.6	45	81-110	N/A		Left out of adjacent cut. Small acreage of mature hardwood mix.
	Canopy Species	% Cover	Size Class	DBł	H Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size	
	Red Maple	50	Pole	8	45	Hawt	horn (spp.)	Low	5 - 10 feet	Tall Shrub	
	Bigtooth Aspen	10	Pole	7				'	1	1	
Ν	lorthern Pin Oak	30	Pole	8							
	Black Cherry	10	Pole	7							
34	42221 - Natural Dec	Jack Pine, iduous	Mixed S	Sapling	Medium	7.3	7	Immature	N/A		Treated with sale# 63-028-12-01. Almost all large oak left is now dead of dying. Decent regeneration of jack pine and aspen mix. Sparse in som
	Canopy Species	% Cover	Size Class	DBI	H Age						areas. Scattered large red pine remains.
	Red Oak	5	Log	14							
	Jack Pine	60	Sapling	1	7						
	Bigtooth Aspen	20	Sapling	1							
	Black Cherry	5	Sapling	1							
35	310 - Herbac	ceous Open	land	Nonst	ocked	0.3	0	Unspecified			
36	4131 - A	Aspen, Oak		Saplin	g Well	33.5	18	Immature	N/A		Salvage sale of dead oak last year of entry. Good regen getting
	Canopy Species	% Cover	Size Class	DBł	H Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size	established.Treated with sale #63-032-11-01.
	Bigtooth Aspen	70	Sapling	3	18	Re	ed Maple	Low	< 5 feet	Sapling	
Ν	lorthern Pin Oak	20	Sapling	3		WI	nite Pine	Low	5 - 10 feet	Sapling	
	White Pine	10	Log/Pole	10							-



Stand	Level 4 Co	over Type		Size De	nsity	Acres	Acres Stand Age BA Range Managed Site	General Comments			
37	4130	- Aspen	5	Sapling I	Medium	6.3	8	Immature	N/A		
	Canopy Species	% Cover	Size Class	DBH	l Age						
	Bigtooth Aspen	70	Sapling	1	8						
	White Pine	10	Log	12							
	Red Maple	10	Sapling	2							
	Northern Pin Oak	10	Sapling	2							
38	42210 - Nat	tural Red Pi	ine I	Poletimb	er Well	23.4	60	141-170	N/A		Natural Red pine with red oak. Some aspen and white pine in places.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Speci	es Density	Avg. Height	Size	Nice stand. Southern half harvested last entry. Hold this half for next entry, no issues to doing so.
	Red Oak	20	Log/Pole	11		North	ern Pin Oak	Low	5 - 10 feet	Sapling	only, no isoupe to doming our
	White Pine	5	Pole/Log	8		R	ted Pine	Low	Variable	Sapling	
	Red Pine	70	Pole	6	60						-
	Bigtooth Aspen	5	Pole	9							
39	42210 - Nat	tural Red Pi	ine S	Sawtimb	er Poor	12.4	60	1-50	N/A		Treated with sale # 63-032-11-01
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Speci	es Density	Avg. Height	Size	
	Red Pine	90	Log/Pole	12	60	North	ern Pin Oak	Medium	Variable	Sapling	
	Red Oak	10	Pole	8		W	hite Pine	Low	Variable	Sapling	
						Ja	ack Pine	Medium	Variable	Sapling	
40	3102	- Grass		Nonsto	ocked	1.3			No		
41	42120 - Plar	nted Jack P	ine	Sapling	g Well	16.9	26	Immature	N/A		Trenched and seeded. Looks good.
	Canopy Species	% Cover	Size Class	DBH	l Age						
	Bigtooth Aspen	5	Sapling	3	26						
	Red Pine	10	Pole/Log	8							
	Jack Pine	80	Sapling	3	26						
	Black Cherry	5	Sapling	3							
42	4133 - Aspe	en, Mixed Pi	ine	Sapling	Poor	33.0	8	1-50	N/A		Treated with sale 63-028-12-01.
	Canopy Species	% Cover	Size Class	DBH	l Age						Large oak remains.
	Northern Pin Oak	30	Pole/Sapling	9 6							
	White Pine	15	Pole	8							
	Red Pine	10	Pole	8							
	ived i ille	10	1 010	0							



Stand	I Level 4 C	over Type		Size D	ensity	Acres	Stand Age	BA Range	Managed S	ite	General Comments	M/CHIGAN .
43	42120 - Pla	nted Jack P	ine	Saplin	g Well	23.3	26	Immature	N/A		Trenched and seeded	
	Canopy Species	% Cover	Size Class	DBI	H Age							
	Bigtooth Aspen	5	Sapling	3								
	Red Pine	10	Pole/Log	8								
	Jack Pine	80	Sapling	3	26							
	Black Cherry	5	Sapling	3								
44	622 - Lov	wland Shrub	•	Nonst	ocked	62.6		Unspecified	No			
45	6130 - Fir,	Aspen, Map	ole i	Poletim	oer Poor	5.9	38	1-50	N/A		Wet hole area.	
	Canopy Species	% Cover	Size Class	DBI	H Age							
	Bigtooth Aspen	55	Pole	9	38							
	Balsam Fir	25	Sapling	2								
	Black Spruce	20	Pole	6								
46	4139 - Aspen,	Mixed Deci	duous	Saplin	g Well	19.3	26	Immature	N/A		Patchy aspen regen with oak mix. Some areas of heavy white pir	ne
	Canopy Species		Size Class	DBI	H Age						regen.	
	Bigtooth Aspen	50	Sapling	4	26							
١	Northern Pin Oak	15	Sapling	4								
	White Pine	10	Pole	8								
	Black Cherry	25	Sapling	4								
47	3102	- Grass		Nonst	ocked	0.7			No			
48	4130	- Aspen		Saplin	g Well	5.5	6	Immature	N/A		Cut in 2015 with sale #63-018-12-01. Some scattered small oak.	
	Canopy Species		Size Class	DBI	H Age	Sub-Ca	nopy Specie		Avg. Height	Size		
	Bigtooth Aspen	80	Sapling	1	6	Wit	tch Hazel	Medium	5 - 10 feet	Tall Shrub		
١	Northern Pin Oak	10	Sapling	4								
	Jack Pine	10	Sapling	1								
49	500	- Water		Nonst	ocked	7.5			No			
50	310 - Herbac	ceous Openi	land	Nonst	ocked	0.2	0	Unspecified			Well site	



Stan	d Level 4 C	Cover Type		Size Density		Acres	Stand Age	BA Range	Managed Si	ite	General Comments
51	Co	and Deciduo onifer	ous with	Sapling I	Medium	n 10.7	16	Immature	N/A		Final harvested last year of entry. Good regen sale 63-007-03-01.
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Speci	ies Density	Avg. Height	Size	
	Red Maple	15	Sapling	2		Blueberry/B	ilberry/Crar	berry Medium	Variable	Tall Shrub	
	Bigtooth Aspen	20	Sapling	2				, ,			
	Northern Pin Oak	20	Sapling	2							
	Red Pine	5	Log/Pole	12							
	Jack Pine	30	Sapling	1	16						
	Black Cherry	5	Sapling	2							
	White Pine	5	Sapling	2							
52	122 - Road	d/Parking Lo	ot	Nonsto	ocked	4.4		Immature	No		
53	42200 - Natı	ural White F	Pine	Sawtimb	er Wel	l 2.7	70	111-140	N/A		Narrow strip along stoney corners road leave as buffer.
	Canopy Species	% Cover	Size Class	DBH	I Age						
	White Pine	75	Log/Pole	12	70						
	Jack Pine	15	Pole	6							
	Northern Pin Oak	10	Pole	7							
54	4310 - Pi	ne, Oak Mix	(	Sapling	g Well	21.8	26	Immature	N/A		Seeded trenches. Mix of jack pine and Aspen Oak. Some larger red pine in northern part.
	Canopy Species	% Cover	Size Class	DBH	I Age						pine in northern part.
	Red Oak	25	Sapling	3							
	Jack Pine	45	Sapling	4	26						
	Black Cherry	5	Sapling	3							
	Bigtooth Aspen	25	Sapling	4							
55	4129 - 1	Mixed Oak	S	awtimber	r Mediu	ım 18.7	96	51-80	N/A		Select cut last year of entry log size oak over aspen maple regen. Hold
	Canopy Species	% Cover	Size Class		I Age						for 10 years and restart.
	Northern Pin Oak	35	Log/Pole	12	96						
	Black Cherry	20	Pole/Saplin	-							
	Bigtooth Aspen	15	Pole/Saplin	g 5							
	Red Oak	30	Pole	9							
56	4131 - A	spen, Oak		Sapling I	Medium	n 16.2	5	Immature	N/A		Treated with #63-028-12-01. Wet pockets scattered.
	Canopy Species	% Cover	Size Class	DBH	I Age						
	White Pine	5	Sapling/Pol	e 4							
	Northern Pin Oak	20	Sapling/Pol	e 4							
	Bigtooth Aspen	55	Sapling	1	5						
	Red Maple	15	Sapling	1							
	Jack Pine	5	Sapling	1							



Stand	Level 4 C	over Type	;	Size Density		Acres	Stand Age	BA Range	Managed S	Site	General Comments
57	3102	- Grass		Nonsto	ocked	1.8		Unspecified			Well pad.
58	4130	- Aspen	P	Poletimb	er Wel	31.8	57	141-170	N/A		Nice looking mature aspen. Final harvest and regerate. Leave any
	Canopy Species	% Cover	Size Class	DBH	l Age						random scattered white pine.
	Bigtooth Aspen	75	Log/Pole	10	57						
1	Northern Pin Oak	15	Log/Pole	12							
	Black Cherry	10	Pole	6							
59	6220 - A	lder/willow		Nonst	ocked	24.2			No		
						Sub-Ca	nopy Specie	s Density	Avg. Height	Size	
						Ca	nttail spp.	Low		Non-Wood	
							Alder	Medium		Tall Shrub	
60	4130	- Aspen		Saplino	g Well	13.6	5	Immature	N/A		Treated with sale 630181201. Good looking aspen regeneration.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Specie	s Density	Avg. Height	Size	
	Bigtooth Aspen	80	Sapling	1	5	Wi	tch Hazel	Low	5 - 10 feet	Tall Shrub	
1	Northern Pin Oak	15	Pole/Sapling	6							-
	White Pine	5	Pole/Sapling	6							
61	4191 - Mixed Upla Co	and Decidu onifer	ous with S	Sapling I	Medium	n 7.8	16	Immature	N/A		Final harvested last year of entry. Good regen sale 63-007-03-01.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Specie	s Density	Avg. Height	Size	
	Red Maple	15	Sapling	2		Blueberry/E	Bilberry/Cranb	erry Medium	Variable	Tall Shrub	
	Bigtooth Aspen	20	Sapling	2							-
1	Northern Pin Oak	20	Sapling	2							
	Red Pine	5	Log/Pole	12							
	Jack Pine	30	Sapling	1	16						
	Black Cherry	5	Sapling	2							
	White Pine	5	Sapling	2							
62		iduous	,	Poletimb		ll 22.4	26	Immature	N/A		Trenched and seeded. Good looking regen.
	Canopy Species		Size Class		l Age						
	Red Maple	10	Pole/Sapling								
	Jack Pine	80	Pole/Sapling		26						
	Black Cherry	10	Pole/Sapling	1							



Stand	Level 4 C	over Type		Size De	nsity	Acres	Stand Age	BA Range	Managed S	Site	General Comments
63		Aspen, Oak	Size Class	Sapling		3.8	5	51-80	N/A		Cut in 2015. Some scattered oak left in regen. #63-028-12.
1	Canopy Species Northern Pin Oak	35	Sapling	4	l Age						
•	Black Cherry	5	Sapling	3							
	Bigtooth Aspen	60	Sapling	1	5						
64	622 - Lov	vland Shrul	)	Nonsto	ocked	1.9			No		
65	623 - Eme	rgent Wetla	nd	Nonsto	ocked	5.4			No		
66	6113 - Lo	wland Map	e :	Sawtimb	er Well	5.5	80	141-170	N/A		No access due to river
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Specie	s Density	Avg. Height	Size	
	American Elm	10	Pole	6		Re	d Maple	Low	10 - 20 feet	Sapling	
	Red Maple	60	Log/Pole	10	80						
	Bigtooth Aspen	20	Log/Pole/XLo	-							
	Green Ash	10	Pole	6							
67	500	- Water		Nonsto	cked	2.0			No		
68	4310 - Pi	ne, Oak Mi	x f	Poletimb	er Well	5.8	62	81-110	N/A		
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Specie	s Density	Avg. Height	Size	
	Bigtooth Aspen	20	Pole	8		Northe	ern Pin Oak	Low	5 - 10 feet	Sapling	
1	Northern Pin Oak	30	Pole/Log	10		Wh	nite Pine	Medium	5 - 10 feet	Sapling	
	White Pine	40	Pole/Log	8	62						
	Red Pine	10	Log/Pole	10							
69	4133 - Aspe			Sapling	y Well	26.0	8	Immature	N/A		More oak and white pine in northern end of stand. Treated with sale #630191201. Mixed regen. Clumpy and patchy.
	Canopy Species		Size Class		l Age						wood to 120 1. Mixou rogon. Glampy and pateny.
	Bigtooth Aspen	60	Sapling	1	8						
1	Northern Pin Oak	10	Pole	6							
	White Pine	30	Sapling	2							
70	4132 - Asp			Poletimb			49	111-140	N/A		Variable stand of mature aspen with oak and mixed pine. Harvest this entry.
	Canopy Species		Size Class		l Age		nopy Specie		Avg. Height	Size	<b>,</b>
	Bigtooth Aspen	50	Pole	7	49		nite Pine	Medium	Variable	Sapling	
1	Northern Pin Oak	10	Pole/Log	12			ed Pine	Low	Variable	Sapling	
	Red Pine	20	Pole/Log	10		Ja	ck Pine	Low	Variable	Sapling	
	Jack Pine	20	Pole	6							



tand	Level 4 Co		General Comments								
71	4130 -	- Aspen	Sa	pling I	Mediun	n 14.0	8	Immature	N/A		Treated with sale 63-019-12-01. Mixed regen. Patchy.
	Canopy Species	% Cover	Size Class	DBH	I Age						
	Red Maple	10	Sapling	1							
	Bigtooth Aspen	70	Sapling	1	8						
Ν	Northern Pin Oak	10	Sapling	4							
	White Pine	10	Sapling	1							
72	4133 - Aspe	n, Mixed P	ine Po	oletimb	er Wel	II 19.6	46	81-110	N/A		Variable stand. Leave until next entry then final harvest.
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Maple	10	Pole	6		North	ern Pin Oak	Low	Variable	Sapling	
	Quaking Aspen	40	Pole	8	46	Ba	ılsam Fir	Low	< 5 feet	Sapling	
١	Northern Pin Oak	20	Log/Pole/XLog	12		W	hite Pine	Low	< 5 feet	Sapling	
	Balsam Fir	10	Pole/Sapling	6							
	White Pine	10	Pole	6							
	Red Pine	10	Log/Pole/XLog	12							
. –	$C_{\alpha}$	nifor			Mediun	n 3.9	16	Immature	N/A		, , , , ,
74		nifer % Cover	Size Class	DBF						Size	
	Canopy Species	% Cover	Size Class Sapling	_	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size Tall Shrub	
	Canopy Species Red Maple		Sapling	<b>DB</b> H 2 2	I Age	Sub-Ca		Density		Size Tall Shrub	
	Canopy Species	% Cover 15 20	Sapling Sapling	2	I Age	Sub-Ca	nopy Species	Density	Avg. Height		
	Canopy Species Red Maple Bigtooth Aspen	<b>% Cover</b> 15	Sapling Sapling Sapling	2	I Age	Sub-Ca	nopy Species	Density	Avg. Height		
	Canopy Species Red Maple Bigtooth Aspen Northern Pin Oak	% Cover 15 20 20	Sapling Sapling	2 2 2	I Age	Sub-Ca	nopy Species	Density	Avg. Height		
	Canopy Species Red Maple Bigtooth Aspen Northern Pin Oak Red Pine	% Cover 15 20 20 5	Sapling Sapling Sapling Log/Pole	2 2 2 12	I Age	Sub-Ca	nopy Species	Density	Avg. Height		
	Canopy Species  Red Maple Bigtooth Aspen Northern Pin Oak  Red Pine Jack Pine	% Cover  15 20 20 5 30	Sapling Sapling Sapling Log/Pole Sapling	2 2 2 12 1	I Age	Sub-Ca	nopy Species	Density	Avg. Height		
	Canopy Species  Red Maple  Bigtooth Aspen Northern Pin Oak  Red Pine  Jack Pine  Black Cherry	% Cover  15 20 20 5 30 5 5 5	Sapling Sapling Sapling Log/Pole Sapling Sapling Sapling Sapling	2 2 2 12 1 2	1 Age	Sub-Ca	nopy Species	Density	Avg. Height		
N	Canopy Species  Red Maple  Bigtooth Aspen  Northern Pin Oak  Red Pine  Jack Pine  Black Cherry  White Pine  623 - Emerg	% Cover  15 20 20 5 30 5 5 gent Wetla	Sapling Sapling Sapling Log/Pole Sapling Sapling Sapling	2 2 2 12 1 2 2 2 Nonsto	1 Age	Sub-Ca Blueberry/E 7.1	nopy Species Bilberry/Cranbe	Density	Avg. Height Variable		Final harvested last year of entry. Good regen sale 63-007-03-01.
75	Canopy Species  Red Maple  Bigtooth Aspen  Northern Pin Oak  Red Pine  Jack Pine  Black Cherry  White Pine  623 - Emerg	% Cover	Sapling Sapling Sapling Log/Pole Sapling Sapling Sapling Out with Sa	2 2 12 1 2 2 Nonsto	16	Sub-Ca Blueberry/E 7.1	nopy Species Bilberry/Cranbe	Density  Prry Medium  Immature	Avg. Height Variable  No		
75	Canopy Species  Red Maple  Bigtooth Aspen Northern Pin Oak  Red Pine  Jack Pine  Black Cherry  White Pine  623 - Emerg	% Cover	Sapling Sapling Sapling Log/Pole Sapling Sapling Sapling Out with Sa	2 2 12 1 2 2 Nonsto	1 Age	Sub-Ca Blueberry/E  7.1  n 30.8  Sub-Ca	nopy Species Bilberry/Cranbe	Density Medium Immature Density	Avg. Height Variable  No  N/A	Tall Shrub	Final harvested last year of entry. Good regen sale 63-007-03-01.
/5 /6	Canopy Species  Red Maple  Bigtooth Aspen Northern Pin Oak  Red Pine  Jack Pine  Black Cherry  White Pine  623 - Emerg  4191 - Mixed Upla  Cor	% Cover  15 20 20 5 30 5 5 separate Wetla	Sapling Sapling Sapling Log/Pole Sapling Sapling Sapling Out with Sa	2 2 12 1 2 2 Nonsto	1 Age	Sub-Ca Blueberry/E  7.1  n 30.8  Sub-Ca	nopy Species Bilberry/Cranbe	Density Medium Immature Density	Avg. Height Variable  No  N/A  Avg. Height	Tall Shrub	Final harvested last year of entry. Good regen sale 63-007-03-01.
775 776	Canopy Species  Red Maple  Bigtooth Aspen  Northern Pin Oak  Red Pine  Jack Pine  Black Cherry  White Pine  623 - Emerg  4191 - Mixed Upla  Cor  Canopy Species  Red Maple	% Cover	Sapling Sapling Sapling Log/Pole Sapling Sapling Sapling ous with Sa Size Class Sapling	2	1 Age	Sub-Ca Blueberry/E  7.1  n 30.8  Sub-Ca	nopy Species Bilberry/Cranbe	Density Medium Immature Density	Avg. Height Variable  No  N/A  Avg. Height	Tall Shrub	Final harvested last year of entry. Good regen sale 63-007-03-01.
<sup>7</sup> 75	Canopy Species  Red Maple  Bigtooth Aspen Northern Pin Oak  Red Pine Jack Pine Black Cherry White Pine  623 - Emerg  4191 - Mixed Upla Coi  Canopy Species  Red Maple  Bigtooth Aspen	% Cover	Sapling Sapling Sapling Log/Pole Sapling Sapling Sapling Ous with Sa Size Class Sapling Sapling	2	1 Age	Sub-Ca Blueberry/E  7.1  n 30.8  Sub-Ca	nopy Species Bilberry/Cranbe	Density Medium Immature Density	Avg. Height Variable  No  N/A  Avg. Height	Tall Shrub	Final harvested last year of entry. Good regen sale 63-007-03-01.
75 76	Canopy Species  Red Maple  Bigtooth Aspen Northern Pin Oak  Red Pine Jack Pine Black Cherry White Pine  623 - Emerg  4191 - Mixed Upla Coi  Canopy Species  Red Maple  Bigtooth Aspen Northern Pin Oak	% Cover  15 20 20 5 30 5 5 gent Wetland Deciduenifer  % Cover  15 20 20	Sapling Sapling Sapling Log/Pole Sapling Sapling Sapling Out with Sa Size Class Sapling Sapling Sapling	2	1 Age	Sub-Ca Blueberry/E  7.1  n 30.8  Sub-Ca	nopy Species Bilberry/Cranbe	Density Medium Immature Density	Avg. Height Variable  No  N/A  Avg. Height	Tall Shrub	Final harvested last year of entry. Good regen sale 63-007-03-01.
775 776	Canopy Species  Red Maple  Bigtooth Aspen Northern Pin Oak  Red Pine Jack Pine Black Cherry White Pine  623 - Emerg  4191 - Mixed Upla Cor  Canopy Species  Red Maple  Bigtooth Aspen Northern Pin Oak  Red Pine	% Cover	Sapling Sapling Sapling Log/Pole Sapling Sapling Sapling  ous with Sa Size Class Sapling Sapling Sapling Sapling Log/Pole	2	16 16 Ocked	Sub-Ca Blueberry/E  7.1  n 30.8  Sub-Ca	nopy Species Bilberry/Cranbe	Density Medium Immature Density	Avg. Height Variable  No  N/A  Avg. Height	Tall Shrub	Final harvested last year of entry. Good regen sale 63-007-03-01.



Stand	d Level 4 C	over Type		Size De	ensity	Acres	Stand Age B	A Range	Managed S	ite	General Comments
77	4130	- Aspen		Saplin	g Well	7.7	38	111-140	N/A		
	Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Can	opy Species	Density	Avg. Height	Size	
	Bigtooth Aspen	90	Sapling/Pole		38	Bals	sam Fir	Low	5 - 10 feet	Sapling	
	White Pine	5	Pole	4							
	Black Cherry	5	Pole	4							
78	310 - Herbac	eous Open	land	Nonst	ocked	0.2	0 U	nspecified			Oil pad in stand.
79	310 - Herbac	eous Open	land	Nonst	ocked	0.3	0 U	nspecified			Well site
80	4130	- Aspen		Saplin	g Well	3.9	7 I	mmature	N/A		Treated with sale 63-019-12-01
	Canopy Species	% Cover	Size Class	DBł	l Age						
	Red Maple	10	Sapling	2							
	Bigtooth Aspen	75	Sapling	2	7						
	Northern Pin Oak	5	Sapling	2							
	Jack Pine	5	Sapling	1							
	Red Oak	5	Log/Pole	11							
81	4131 - <i>A</i>	spen, Oak		Saplin	g Well	8.7	18 I	mmature	N/A		Treated last time. Aspen, red maple regen with residual red pine and oak.
	Canopy Species	% Cover	Size Class	DBI	l Age						
	Red Oak	30	Sapling	4							
	Red Pine	5	Log/Pole	12	80						
	Bigtooth Aspen	55	Sapling/Pole	4	18						
	White Pine	5	Sapling	2							
	Red Maple	5	Sapling	2							
82	42210 - Na	tural Red P	ine S	Sawtimb	er Well	3.7	97	51-80	N/A		Last entry removed aspen and maple. Thinned red pine to approximately
	Canopy Species	% Cover	Size Class	DBI	l Age						50 basal area Treated with sale 63-028-12-01.
	Red Pine	100	Log	14	97						
83	4131 - <i>A</i>	spen, Oak	S	Sapling	Medium	5.1	8 I	mmature	N/A		Treated with sale 63-028-12-01.
	Canopy Species	% Cover	Size Class	DBł	l Age	Sub-Can	opy Species	Density	Avg. Height	Size	
	Northern Pin Oak	30	Sapling	4		Northe	rn Pin Oak	Low	< 5 feet	Sapling	
	Black Cherry	10	Pole	8				-			-
	Bigtooth Aspen	60	Sapling	2	8						



Stand	Level 4 C	over Type		Size De	ensity	Acres	Stand Ag	e BA Range	Managed S	Site	General Comments
84	4130	- Aspen		Saplin	g Well	9.5	8	Immature	N/A		Treated with sale #630191201. Good looking regen.
Ca	anopy Species	% Cover	Size Class	DBI	H Age						
Big	tooth Aspen	80	Sapling	1	8						
Nor	thern Pin Oak	10	Pole/Log	12							
	Red Pine	10	Pole	6							
85	4125 - Blac	k, N. Pin O	ak P	oletim	oer Well	19.4	45	51-80	N/A		Poor quality, scrubby oak mix. Hold for now.
Ca	anopy Species	% Cover	Size Class	DBI	H Age	Sub-Ca	nopy Spec	ies Density	Avg. Height	Size	
Big	tooth Aspen	10	Pole	6		W	nite Pine	Low	< 5 feet	Sapling	
Nort	thern Pin Oak	80	Pole/Sapling	7	45						
В	lack Cherry	10	Pole	6							
86	4130	- Aspen	Р	oletim	oer Well	4.2	25	Immature	N/A		Oil pad in stand. Good looking aspen regen.
Ca	anopy Species	% Cover	Size Class	DBI	H Age						
Big	tooth Aspen	90	Pole	5	25						
Nort	thern Pin Oak	5	Pole	5							
V	White Pine	5	Pole	5							
87	6120 - Lov	wland Ceda	ar Pol	letimbe	r Mediu	m 10.5	80	141-170	N/A		Areas flooded with dead and dying standing cedar. Lots of deer sign in
Ca	anopy Species	% Cover	Size Class	DBI	H Age	Sub-Ca	nopy Spec	ies Density	Avg. Height	Size	winter 2020.
Е	Balsam Fir	10	Pole/Sapling	5			Alder	High	10 - 20 feet	Tall Shrub	
BI	ack Spruce	10	Pole	8							
Northe	ern White Cedar	75	Pole/Log/Sap		80						
(	Green Ash	5	Pole	5							
88	4134 - Aspe	en, Spruce/	Fir P	oletim	oer Well	34.1	38	141-170	N/A		Treat this entry. Some areas of smaller dia.
Ca	anopy Species	% Cover	Size Class	DBI	H Age	Sub-Ca	nopy Spec	ies Density	Avg. Height	Size	
F	Red Maple	10	Pole/Sapling	6		Ва	lsam Fir	Medium	Variable	Sapling	
Big	tooth Aspen	60	Pole	9	38						•
Nort	thern Pin Oak	10	Pole	8							
E	Balsam Fir	20	Pole/Sapling	5							
89	4130	- Aspen		Saplin	g Well	14.3	17	Immature	N/A		Nice looking aspen regen.
Ca	anopy Species	% Cover	Size Class	DBI	H Age						
F	Red Maple	15	Sapling	2							
Big	tooth Aspen	60	Sapling	2	17						
Nor	thern Pin Oak	10	Sapling/Pole	4							
	Red Pine	5	Pole	8							



Stan	d Level 4 C	over Type	S	ize De	nsity	Acres	Stand Age	BA Range	Managed S	Site	General Comments
90	6112 - Lov	wland Aspe	n Po	oletimb	er Well	8.9	35	81-110	N/A		Wet areas. Let go, check in 10 years, still relatively small diameters.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size	
	Red Maple	10	Pole/Sapling	6		North	ern Pin Oak	Low	Variable	Sapling	
	Bigtooth Aspen	40	Pole	7	35	Ва	alsam Fir	Medium	Variable	Sapling	
	Northern Pin Oak	10	Pole	6		Bla	ck Cherry	Low	Variable	Sapling	
	Balsam Fir	40	Pole/Sapling	7							
91	623 - Emer	gent Wetla	nd	Nonsto	ocked	4.5			No		
92	6124 - Lowla	and Spruce	-Fir Po	oletimb	er Well	2.6	60	81-110	N/A		Isolated islands
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size	
	Balsam Fir	30	Pole/Sapling	6		Ва	alsam Fir	Low	Variable	Sapling	
	Black Spruce	30	Log/Pole	9			Alder	Medium	5 - 10 feet	Tall Shrub	
	White Pine	40	Log/Pole	9	60						•
93	622 - Lov	vland Shrub	)	Nonsto	ocked	1.0	0	Unspecified	No		Stand is total mix of upland conifer with God amount of white pine.
94	42340 - Upla				Medium	7.4	17	Immature	N/A		Swamp conifer cut last year of entry very little regen so far except xcept spruce and fir.
	Canopy Species		Size Class		l Age						oproce and m.
	Red Maple	20	Sapling	2							
	Bigtooth Aspen	10	Sapling	2							
	Balsam Fir	50	Sapling	2	17						
	Black Spruce	20	Sapling	2							
95	310 - Herbac	eous Open	land	Nonsto	ocked	0.2	0	Unspecified			oil and gas pad.
96	6124 - Lowla	and Spruce	-Fir Pole	etimbe	Medium	19.4	70	1-50	N/A		Wet islands and fingers within and along large lowland shrub areas.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size	
	Red Maple	10	Pole/Log	10		Blad	ck Spruce	Medium	Variable	Sapling	
	Paper Birch	5	Pole	6		Gr	reen Ash	Medium	Variable	Sapling	
	Bigtooth Aspen	5	Pole	7			Alder	Medium	10 - 20 feet	Tall Shrub	
	Balsam Fir	30	Pole/Sapling	6	70						
	Black Spruce	30	Pole	7							
		10	Pole	6							
No	orthern White Cedar	10	1 010	0							



Stand	and Level 4 Cover Type			Size Density		Acres	Stand Age	e BA Range	Managed S	ite	General Comments
97	4319 - Mixed	•		Saplin		7.3	16	Immature	N/A		This stand was final harvested and minimal regen so far. Wet ground, some scattered maple, oak, and aspen.
	Canopy Species		Size Class		l Age						, , , ,
	Red Maple	10	Sapling	4							
	Bigtooth Aspen	30	Sapling	4	16						
	Balsam Fir	30	Sapling	2							
	Black Spruce	10	Sapling	3							
	Jack Pine	15	Sapling	2							
	Red Oak	5	Log/Pole	11							
98	4319 - Mixed				r Medium		55	111-140	N/A		Oil pad in middle of stand. Harvest in future entry with other nearby
	Canopy Species		Size Class		l Age		anopy Spec		Avg. Height	Size	otaliao.
	Red Maple	20	Pole	6			alsam Fir	Low	< 5 feet	Sapling	
	Bigtooth Aspen	20	Pole	6		Bla	ck Spruce	Low	< 5 feet	Sapling	
	Northern Pin Oak	10	Pole	6		Já	ack Pine	Low	5 - 10 feet	Sapling	
	Black Spruce	30	Pole/Log	8	55						
	Jack Pine	20	Pole	6							
99	4130	- Aspen		Sapling	g Well	22.1	7	Immature	N/A		Treated with sale #630191201
	Canopy Species	% Cover	Size Class	DBH	l Age						
	Red Maple	30	Sapling	1							
	Bigtooth Aspen	60	Sapling	1	7						
	Northern Pin Oak	10	Log/Pole	12							
100	4130	- Aspen	F	Poletimb	er Well	22.9	27	Immature	N/A		Dense, small diameter aspen.
	Canopy Species	% Cover	Size Class	DBH	l Age						
	Red Maple	15	Pole/Sapling	5							
	Bigtooth Aspen	80	Pole/Sapling	5	27						
	Balsam Fir	5	Pole/Sapling	5							
101	6220 - A	lder/willow		Nonst	ocked	140.2			No		
						Sub-Ca	anopy Spec	ies Density	Avg. Height	Size	
							ious Sapling		5 - 10 feet	Pole	
							Alder	High		Tall Shrub	
102	4131 - A	spen, Oak	Po	letimbe	r Medium	n 5.2	17	1-50	N/A		Cut in 2003. #63-012-03. Oak was left. Good mix of regen.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	anopy Spec	ies Density	Avg. Height	Size	
	Northern Pin Oak	40	Pole/Sapling	6		Ta	amarack	Low	< 5 feet	Sapling	
	Bigtooth Aspen	50	Sapling	3	17			·			-
	Digitoutii Aspeti	00	1								
	Jack Pine	5	Sapling	2							



Stand	d Level 4 Cover Type			Size Density	Acres	Stand Age E	BA Range	Managed S	ite	General Comments
103	6117 - Lowland I Coni	Deciduous iferous	, Mixed	Sawtimber Wel	l 6.1	90	81-110	N/A		Floodplain along river
	Canopy Species	% Cover	Size Class	DBH Age	Sub-C	anopy Species	Density	Avg. Height	Size	
	Red Maple	30	Log/Pole	10	R	ed Maple	Medium	10 - 20 feet	Sapling	
	Bigtooth Aspen	30	Log/Pole	12 90	В	alsam Fir	Low	< 5 feet	Sapling	
	Balsam Fir	20	Pole/Log	8	G	reen Ash	Medium	10 - 20 feet	Sapling	
Nor	thern White Cedar	5	Pole/Log	8						•
	White Pine	5	Log/Pole	12						
	Green Ash	10	Pole	8						
104	310 - Herbac	eous Oper	land	Nonstocked	0.4	0 L	Inspecified			well pad
105	429 - Mixed L	<u> </u>		Poletimber Wel		50	51-80	N/A		Treat this entry.
	Canopy Species		Size Class			anopy Species		Avg. Height	Size	
	Balsam Fir	5	Pole	6		alsam Fir	Low	< 5 feet	Sapling	
	Black Spruce	20	Pole/Log		J	lack Pine	Medium	10 - 20 feet	Sapling	
	Tamarack	20	Pole/Log							
	White Pine	15	Log/Pole							
	Jack Pine	25	Pole/Log							
	Bigtooth Aspen	15	Pole	8						
106	4130	- Aspen		Sapling Medium	9.3	7	Immature	N/A		Wet on edgeTreated with sale #630191001. Aspen regen looks good. Some scattered over story oak and red maple left.
	Canopy Species	% Cover	Size Class	DBH Age						Some scattered over story oak and red maple left.
	Red Maple	20	Sapling	1 7						
	Paper Birch	10	Sapling	2						
	Bigtooth Aspen	60	Sapling	1 7						
	Balsam Fir	10	Sapling	2						
107	4130	- Aspen		Sapling Medium	n 6.6	17	Immature	N/A		Cut in 2003, #63-102-03. Good looking mixed regen., but patchy.
	Canopy Species	% Cover	Size Class							
	Red Maple	15	Sapling	3						
	Bigtooth Aspen	60	Sapling	3 17						
N	Iorthern Pin Oak	10	Sapling	3						
	Balsam Fir	10	Sapling	3						
<u></u>	White Pine	5	Pole	8						
108	500 -	- Water		Nonstocked	4.6			No		



Stand	Level 4 Co	over Type		Size D	ensity	Acres	Stand Age B	A Range	Managed S	ite	General Comments	
109	4133 - Aspe	en, Mixed P	ine	Poletim	ber Well	10.8	28	51-80	N/A		Aspen cut in 92 still has white pine overstory.	
	Canopy Species	% Cover	Size Class	DB	H Age	Sub-Can	opy Species	Density	Avg. Height	Size		
	Red Maple	20	Pole/Saplin	_		Whi	e Pine	Medium	10 - 20 feet	Sapling		
	Bigtooth Aspen	45	Pole	6								
١	Northern Pin Oak	10	Pole/Saplin	-								
	White Pine	25	Log/Pole	12	80							
110	4130 - Aspen			Sawtimber Well		8.2	80	141-170	N/A		No access due to river and private.	
	Canopy Species	% Cover	Size Class	DB	H Age	Sub-Can	opy Species	Density	Avg. Height	Size		
	Red Maple	30	Log/Pole	10	)	Red	Maple	Low	10 - 20 feet	Sapling		
	Bigtooth Aspen	60	Log/Pole	8								
	Green Ash	10	Pole	6								
111	3102	- Grass	ss Nonstocked			2.5	2.5 Unspecified No Need to inves				Need to investigate possible planting tresspass on State land.	
112	500 -	- Water		Nons	tocked	0.6			No			
113	310 - Herbac	eous Open	land	Nons	tocked	0.3	0 Uı	nspecified			well site	
114	4131 - A	spen, Oak		Poletimber Well		9.1	9.1 49 11		N/A		Mature aspen, some starting to fall out. Time to restart.	
	Canopy Species % Cover Size C		Size Class	ss DBH Age		Sub-Canopy Species		Density	Avg. Height Size			
	Bigtooth Aspen	60	Log/Pole	10	49	Witc	n Hazel	Medium	5 - 10 feet	Tall Shrub		
١	Northern Pin Oak	30	Pole/Log	8		Iror	iwood	Low	5 - 10 feet	Sapling		
	White Pine	10	Pole/Log	8		Whi	e Pine	Medium	5 - 10 feet	Sapling		
115	310 - Herbac	eous Open	land	Nons	tocked	0.3	0 Uı	nspecified			Oil pad in middle of stand.	
116	4133 - Aspe	en, Mixed P	, Mixed Pine		Medium	13.4	13.4 8 li		N/A		Treated with sale 63-027-12-01. Residual pole sized Red pine with scattered white pine and red oak. Some patchy natural wp regen and oa	
	Canopy Species	% Cover	Size Class	DB	H Age	Sub-Can	opy Species	Density	Avg. Height	Size	brush.	
	Red Pine	10	Pole	6		Whi	e Pine	Low	< 5 feet	Sapling		
N	Northern Pin Oak	20	Sapling	2								
	White Pine	10	Pole	6								
	Bigtooth Aspen	60	Sapling	2	8							
117	310 - Herbac	eous Open	land	Nons	tocked	0.3	0 Ui	nspecified			Well site	



and Level 4	Cover Type		Size D	ensity	Acres	Stand Age	BA Range	Managed Site	е	General Comments	MICHIGA
	4191 - Mixed Upland Deciduous with Conifer			Sapling Medium		8	Immature	N/A		63-041-12-01.	
Canopy Species	% Cover	Size Class	DBI	H Age							
Northern Pin Oak	15	Sapling	1								
Jack Pine	30	Sapling	1	8							
	25	Sapling	1	8							
Bigtooth Aspen	_	1 0									
Bigtooth Aspen Black Cherry	10	Sapling	1								
Black Cherry Red Maple	10 20	Sapling Sapling	1 1								
Black Cherry	10 20 Pine, Mixed I	Sapling Sapling	Poletimb	per Poor		77 Inopy Species	51-80 <b>Density</b>	N/A Avg. Height	Size	Wedge left after surrounding cut.	
Black Cherry Red Maple 42260 - Natural	10 20 Pine, Mixed I	Sapling Sapling Deciduous	Poletimb		Sub-Ca				<b>Size</b> Sapling	Wedge left after surrounding cut.	
Black Cherry Red Maple  19 42260 - Natural Canopy Species	10 20 Pine, Mixed I % Cover	Sapling Sapling Deciduous Size Class	Poletimb		Sub-Ca	nopy Species	s Density	Avg. Height		Wedge left after surrounding cut.	
Black Cherry Red Maple  19 42260 - Natural  Canopy Species Red Maple	10 20 Pine, Mixed I % Cover	Sapling Sapling Deciduous Size Class Pole	Poletimb DBI		Sub-Ca	nopy Species	s Density	Avg. Height		Wedge left after surrounding cut.	
Black Cherry Red Maple  19 42260 - Natural  Canopy Species Red Maple Bigtooth Aspen	10 20 Pine, Mixed I % Cover 15 15	Sapling Sapling Deciduous Size Class Pole Pole	Poletimb  DBI  6		Sub-Ca	nopy Species	s Density	Avg. Height		Wedge left after surrounding cut.	