

### **Compartment Review Presentation**

**Roscommon Forest Management Unit** 

Compartment 71021 Entry Year 2022 Acreage: 2,562

**County Roscommon** 

Management Area: Upper Muskegon

Revision Date: 2020-05-04

Stand Examiner: Brian Martell

**Legal Description:** 

T23N R03W, Sections 9, 16, 21, 28

### **Identified Planning Goals:**

Vegetation management in the Upper Muskegon management area (MA) 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.

### Soil and topography:

The compartment is within a large outwash plain where the site quality is primarily driven by the depth to the water table. Soils consist primarily of Graycolm, Grayling, and Croswell sands in the upland areas, or Lupton mucks in the lowland areas.

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

This compartment and surrounding area are all state land except for a private piece adjacent to the western edge of NWNW Sec. 9.

### **Unique Natural Features:**

Kirtland's Warbler was observed in section 21 in 2010.

### Archeological, Historical, and Cultural Features:

None listed in the database and none found during inventory.

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

None

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

One small intermittent tributary of Wolf Creek flows through the northwest corner of the compartment and one of Townline Creek in section 21. Lowlands in the compartment feed both Wolf Creek and Towline Creek, which eventually flow to the Muskegon River.

#### Wildlife Habitat Considerations:

The compartment is important to deer, turkey, grouse and woodcock. Black bear also frequent the compartment. This compartment sees moderate to heavy pressure for hunting. Management considerations include treatments that will promote hard and soft mast production for wildlife including retention of large crown mast producing trees when possible. Early successional species such as aspen should be managed to ensure young stands are always available for grouse and woodcock. To promote snowshoe hare and other small mammals, brush piles will be constructed in association with timber harvests along lowland edges. Brush pile specifications should follow recommendations provided by Wildlife Division. Aspen stands will be managed to promote young forests for early successional wildlife species. Whenever possible, aspen harvests will include drumming logs to enhance breeding habitat for ruffed grouse. Kirtland's Warblers have been documented within the compartment, so the timing of Jack Pine harvests should be set with the consideration for the possible presence of this rare species. Currently there are no managed wildlife openings within the compartment.

### Mineral Resource and Development Concerns and/or Restrictions

No known potential exists for commercial metallic mineral production in this part of the state. The nearest active sand/gravel pit is more than four miles northwest of the compartment. Sand & gravel potential in the compartment appears to be good in places and very poor in others. Numerous wetlands occur across the area, which could inhibit surface development. Part of the Headquarters oil field extends into the southern end of the compartment and borders to the southwest. The field is mostly abandoned. There has been recent leasing activity around the edges of the field including within the compartment, and there is some potential that for additional future drilling within the southern part of the compartment.

#### **Vehicle Access:**

This compartment is very accessible. There are roads to access almost every upland stand.

### **Survey Needs:**

None.

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

Snowmobile trails 6 and 654 run through the middle of the compartment and there is an ATV trail towards the south end of the compartment. The county roads are heavily used year round by both conventional vehicles and ORVs. Hunting opportunities are strong within the compartment, too.

### **Fire Protection:**

Low fire occurrence history in this compartment. Some high hazard fuels in north part of compartment but not large enough to be a significant risk.

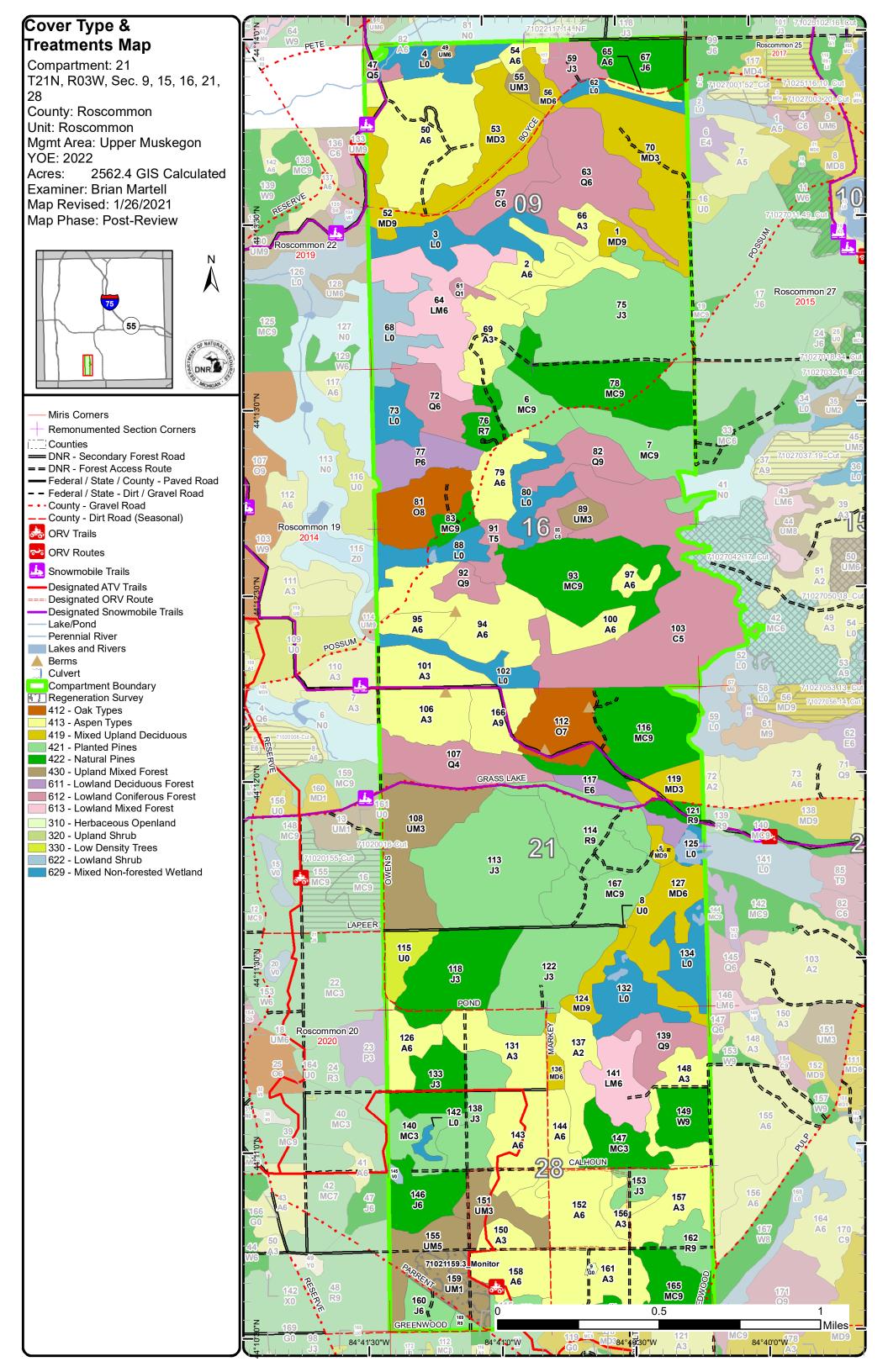
### **Additional Compartment Information:**

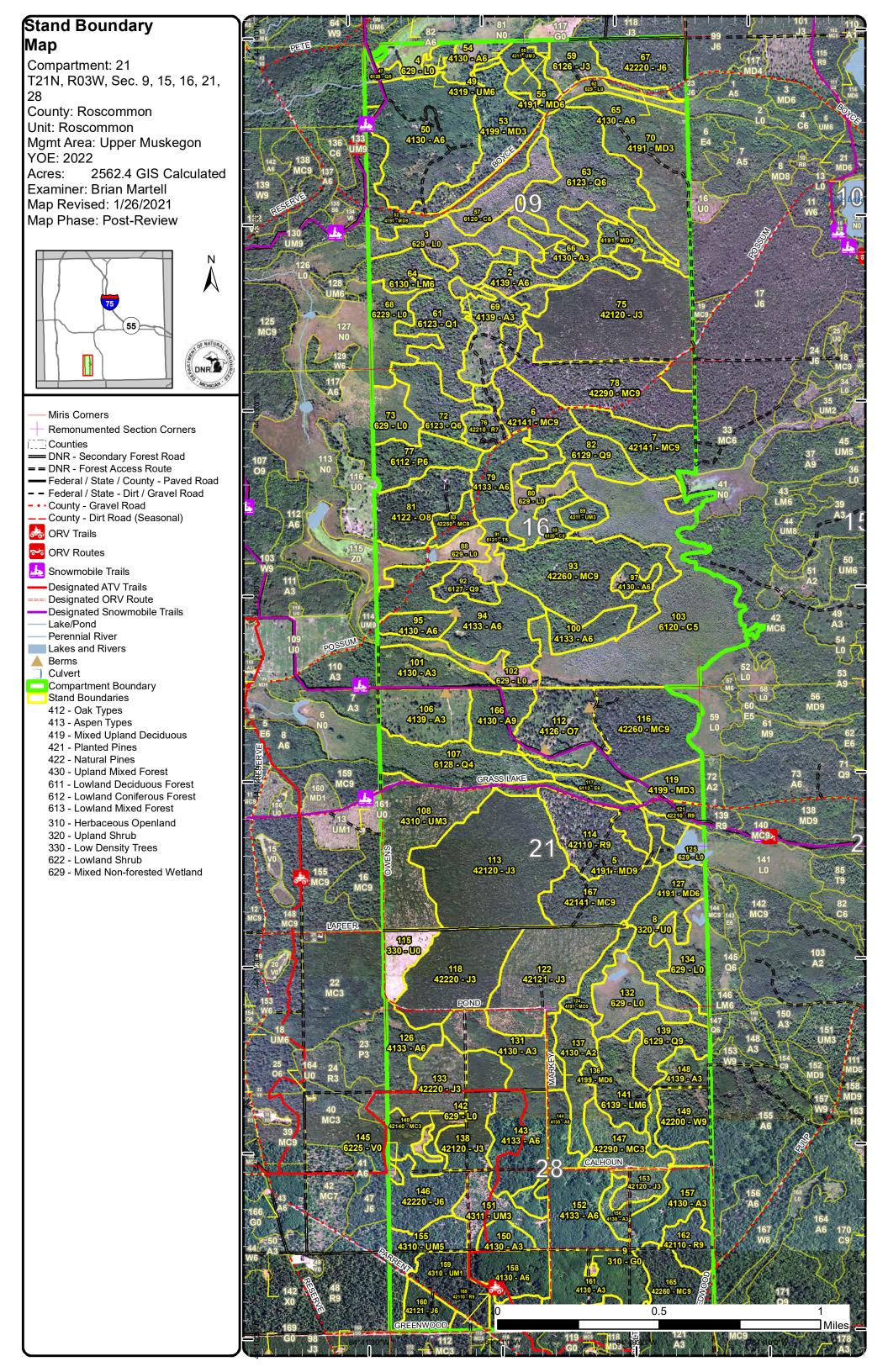
The following reports from the Inventory are attached:

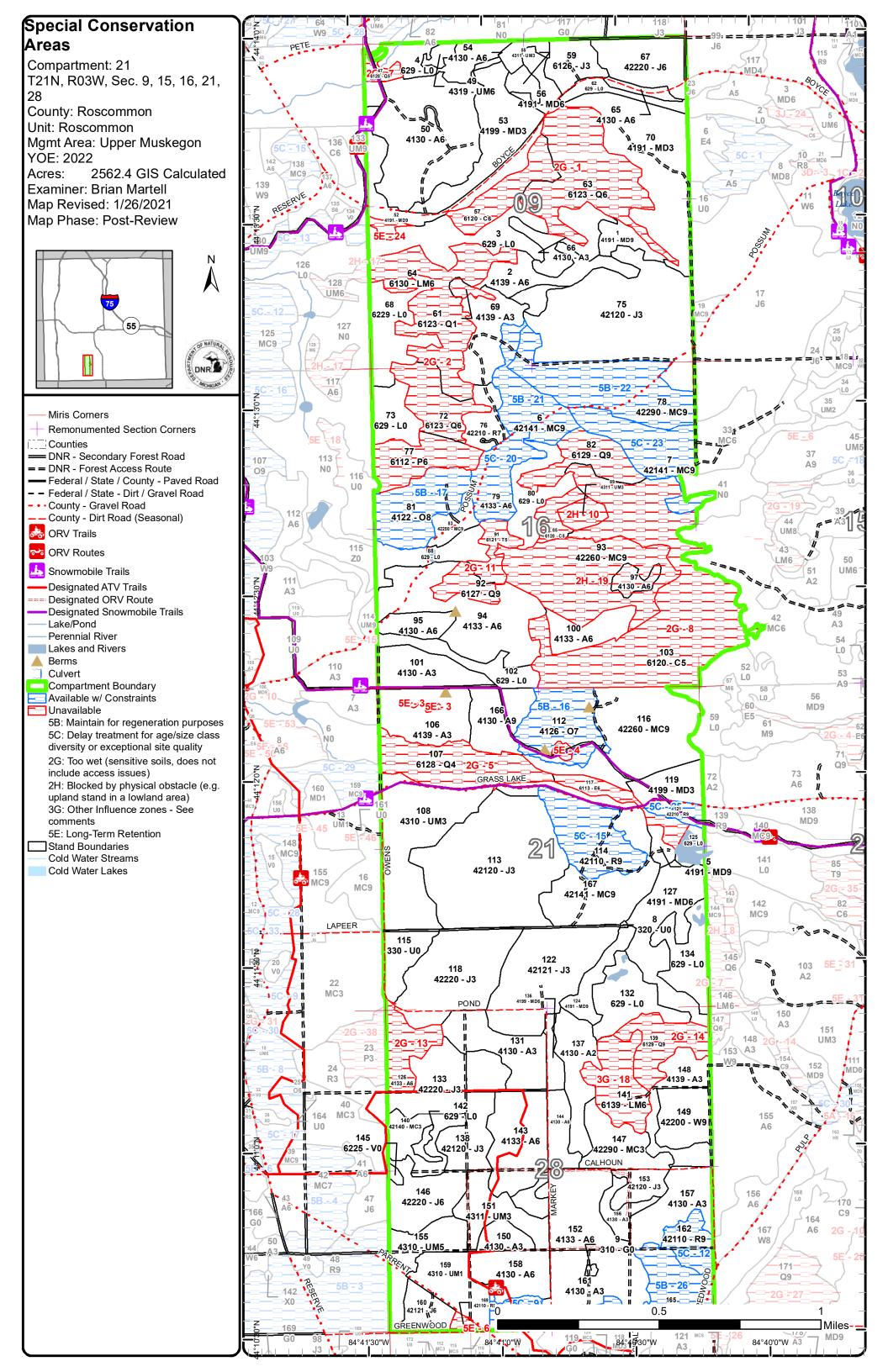
Total Acres by Cover Type and Age Class Cover Type by Harvest Method Proposed Treatments – No Limiting Factors Proposed Treatments – With Limiting Factors Stand Details (Forested and Nonforested) Dedicated and Proposed Special Conservation Areas Site Condition Details

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







Compartment 21 Year of Entry 2022

### Roscommon Mgt. Unit **Brian Martell : Examiner**



### Age Class

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	, sor	1	3 / 2		P S	S K		3/8					7 7 18 18 18 18 18 18 18 18 18 18 18 18 18			( S) ( W)		\$ Jacob	Lago Lago
Aspen	0	52	134	162	145	58	43	0	0	0	0	0	0	0	0	0	0	0	594
Bog	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Cedar	0	0	0	0	0	0	0	0	0	0	0	0	0	20	136	0	0	0	156
Herbaceous Openland	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Jack Pine	0	0	103	271	0	50	0	0	0	0	0	0	0	0	0	0	0	0	424
Low-Density Trees	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14
Lowland Aspen/Balsam Poplar	0	0	0	0	0	0	23	0	0	0	0	0	0	0	0	0	0	0	23
Lowland Conifers	0	0	0	0	0	0	0	22	0	10	80	58	0	4	0	0	0	0	174
Lowland Deciduous	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	12
Lowland Mixed Forest	0	0	0	0	0	0	0	0	0	0	79	0	0	0	0	0	0	0	79
Lowland Shrub	201	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	201
Mixed Upland Deciduous	0	35	74	0	6	8	8	37	26	0	12	4	0	0	0	0	0	0	210
Natural Mixed Pines	0	0	21	0	0	0	60	57	8	30	0	0	0	0	62	0	0	0	238
Oak	0	0	0	0	0	0	0	0	0	0	32	0	33	0	0	0	0	0	65
Planted Mixed Pines	0	0	0	17	0	0	0	0	0	0	80	0	0	0	0	0	0	27	124
Red Pine	0	0	0	0	0	0	0	0	12	0	61	0	6	0	0	0	0	0	79
Tamarack	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	10
Upland Mixed Forest	0	22	82	7	22	0	3	0	0	0	0	0	0	0	0	0	0	0	136
Upland Shrub	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
White Pine	0	0	0	0	0	0	19	0	0	0	0	0	0	0	0	0	0	0	19
Total	217	109	414	457	173	116	168	116	56	40	344	62	39	24	198	0	0	27	2560



### **Report 2 – Treatment Summary**

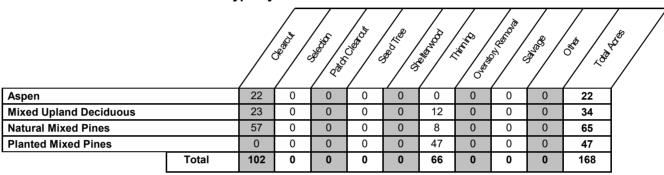
# Roscommon Mgt. Unit Year of Entry: 2022

#### **Acres of Harvest**

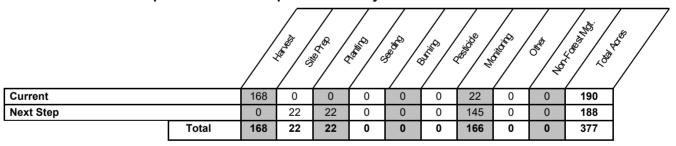
Compartment 21
Total Compartment Acres: 2,562

Commercial Harvest - 168
Harvests with Site Condition - 0
Next Step Harvest - 0
Habitat Cut - 0

### **Cover Type by Harvest Method**



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



Roscommon Mgt. Unit

Report 3 -- Treatments

Compartment: 21 Year of Entry: 2022 DNR DNR RES

t а **Treatment** Stand Stand BA **Treatment Treatment** Cover Type Acres Size Age Habitat n Method Name CoverType Density Age Range Type Objective Structure Cut d

**Proposed Treatments:** 

s

52 71021052-Cut 76 22.6 4191 - Mixed Sawtimber 111-Harvest Clearcut with 4139 - Aspen, No Even-Aged **Upland Deciduous** Well 140 Retention Mixed with Conifer Deciduous

<u>Prescription</u> Cut all species down to 2 inches at DBH. Leave a handful of white oak and all pine 24 inches at DBH or bigger. Leave a few brush piles <u>Specs</u>: south of the road along the lowland edge. Line out wet ground along the south lowland edge for retention.

Next Step Monitoring, Natural Regen (Re-Inventory)

**Treatments:** 

Acceptable Fully stocked stand of aspen, red maple, oak, and white pine.

Regen:

Other Cut the strip south of the road as far south as possible as the low ground will allow. Snowmobile and ORV Route runs on county road.

<u>Comment:</u> Protect with the appropriate specs.

Site Condition

Proposed Start Date: 10/1 /2021

83 71021083-Cut 8.0 42250 - Pine, Oak Sawtimber 70 111- Harvest Crown Thinning 4220 - Natural Even-Aged No Well 140 White Pine

<u>Prescription</u> Spec cut all red/black hybrid oak and aspen. Thin the rest of the species down to 70 to 90 BA by quality and spacing.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2021

42260 - Natural Sawtimber 64 Clearcut with 4319 - Mixed 116 71021116-Cut 57.3 111-Harvest Even-Aged No Pine, Mixed **Upland Forest** Well 140 Retention Deciduous

<u>Prescription</u> Cut all trees at 2" DBH and larger. Leave 5 to 10 BA of good quality red and white pine where available as retention. Leave all white oak. <u>Specs:</u>

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable A fully stocked to stand of aspen, oak, red maple, and pine.

Regen:

Other A small portion of the south end of the stand looks to be a little wet and may need to be excluded at time of sale prep. Snowmobile and ORV Route runs on county road. Protect with the appropriate specs.

Site Condition

Proposed Start Date: 10/1 /2021

Roscommon Mgt. Unit Report 3 -- Treatments Compartment: 21 s Year of Entry: 2022 t а **Treatment** Stand Stand BA **Treatment Treatment** Cover Type Acres Size Age Habitat n Name CoverType Density Age Range Type Method Objective Structure Cut d 124 71021124-Cut 11.8 4191 - Mixed Sawtimber 98 81-110 Harvest Crown Thinning 4220 - Natural Even-Aged No **Upland Deciduous** Well White Pine with Conifer Prescription Cut all trees 2" DBH and greater except for white pine and white oak. Mark some white pine where needed for operability and spacing. Protect advanced regeneration of white pine. Specs: Next Step **Treatments:** Acceptable Regen: Other Comment: Site Condition Proposed Start Date: 10/1 /2021 166 71021166-Cut 21.6 4130 - Aspen Sawtimber 55 Harvest Clearcut with 413 - Aspen Even-Aged No Well Retention Prescription Cut all species down to 1 inch dbh. Mark a handful of nice white oak for mast. Leave about 3% retention probably along lowland boundaries. Include drumming log specs and brush pile specs along lowland edges. Specs: Next Step Monitoring, Natural Regen (Re-Inventory) Treatments: Acceptable Fully stocked aspen with other species mixed in. Regen: <u>Other</u> Snowmobile and ORV Route runs on county road. Protect with the appropriate specs. Comment: Site Condition Proposed Start Date: 10/1 /2021 167 71021167-Cut 46.6 42141 - Planted Sawtimber 92 111-Harvest Crown Thinning 42140 - Planted Two-Aged Nο Mixed Pine, Mixed Well 140 Mixed Pine

Deciduous

Prescription Spec cut all jackpine, black/red hybrid oak, and aspen. Thin the rest down to about 90 BA based on quality and spacing. Specs:

Next Step Treatments:

Acceptable

Regen: Other

Snowmobile and ORV Route runs on county road. Protect with the appropriate specs

Comment: Site Condition

Proposed Start Date: 10/1 /2021

#### **Approved Treatments:**

159 71021159.3 M 21.6 4310 - Pine, Oak Sapling Immatu Monitoring Natural Regen 4122 - Oak, Pine Even-Aged No (Intermediate) onitor Poor re Prescription check amount of HW regeneration after Sept 2017 Specs: SitePrep, Trenching; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr)

Next Step **Treatments:** 

<u>Acceptable</u> any combination of hardwoods and pine to a fully stocked stand is acceptable

Regen:

<u>Other</u> Percent to Treat = 100%

Comment: Site Condition Roscommon Mgt. Unit

Report 3 -- Treatments

Compartment: 21 Year of Entry: 2022

s t а n

**Treatment** Name

Stand Acres CoverType

Size

Stand Density Age

BA Range Treatment Type

Treatment Method

Cover Type Objective

Age Structure

Habitat Cut

Proposed Start Date: 10/1 /2018

Total Treatment Acreage Proposed: 189.5

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12%

Compartment: 21 Year of Entry: 2022

#### **Availability for Management** Total Acres Acres Avail Acres **Dominant Site Conditions** Available With Condition Not Available 5C 2G 2H 5E 3G Acres Aspen Bog Cedar Herbaceous Openland Jack Pine Low-Density Trees Lowland Aspen/Balsam Poplar **Lowland Conifers Lowland Deciduous Lowland Mixed Forest** Lowland Shrub **Mixed Upland Deciduous Natural Mixed Pines** Oak Planted Mixed Pines **Red Pine** Tamarack **Upland Mixed Forest Upland Shrub** White Pine 2,562 1,706 Total Forested Acres 67% 22% 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.

1 Unavailable 2G: Too wet (sensitive soils, does not include access issues)  Comments:	Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
Comments:	1	Unavailable	soils, does not include	79	Unspecified	Unspecified	Unspecified	Unspecified
	(	Comments:						

Roscommon Mgt. Unit

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2	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	102	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
3	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
4	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
5	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	48	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
6	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
7	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	4	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						

Roscommon Mgt. Unit

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3	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	157	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
)	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	13	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Stand meets silvicu	ultural criteria but was just thinne	ed a few ye	ears ago. Wait until nex	t planning cycle and re-eva	aluate.	
0	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	7	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
1	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	20	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
2	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	13	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:		nd a fow w	para aga. Pa ayalyata a	luring next planning cycle.		

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13	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	17	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Habitat cut with sta	and to the west					
14	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	22	5A: Not able to obtain desirable regeneration	Unspecified	Unspecified	Unspecified
(	Comments:						
15	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	33	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Stand meets silvicu	ultural criteria but was just thinno	ed a fev	v years ago.			
16	Available	5B: Maintain for regeneration purposes	31	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
17	Available	5B: Maintain for regeneration purposes	32	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
18	Unavailable	3G: Other Influence zones - See comments	25	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Riparian corridor						

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19	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	68	Unspecified	Unspecified	Unspecified	Unspecified
C	comments:						
20	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	21				
C	Comments:						
21	Available	5B: Maintain for regeneration purposes	27	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
22	Available	5B: Maintain for regeneration purposes	54	Unspecified	Unspecified	Unspecified	Unspecified
C	comments:						
23	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	33				
	comments: //eets silvicuktural	criteria. Allow more of the white	pine to r	each log size before rest	arting this stand.		
24	Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified
C	comments:						

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25	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	6	Unspecified	Unspecified	Unspecified	Unspecified
Co	omments:						
26	Available	5B: Maintain for regeneration purposes	37	Unspecified	Unspecified	Unspecified	Unspecified
Co	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				

Roscommon Mgt. Unit Compartment: 21
Year of Entry 2022



### Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS

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

Conservation Area	on Type	Description  HCVA = High Conservatio SCA = Special Conservatio								
SCA	Cold Water Lake	A coldwater lake has temperature and dissolved oxy stocked trout populations and those of other coldwat conditions for coldwater fishes may occur in Michiga groundwater inflows, or are located in colder (northe Director's action and designated as trout resources in	ter fish species to persist from year to year. Suitable in lakes if they are relatively deep, have substantial ern) areas of the state. Such lakes are established by							
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved of stocked trout populations and those of other coldward year to year. Coldwater streams in Michigan typically contributions of groundwater to their stream flows. Since designated as trout resources by Fisheries Order 21	ter fish species (e.g., slimy sculpin) to persist from y provide these conditions due to substantial such streams are established by Director's action and							



Stand	Level 4 Co	over Type	;	Size De	nsity	Acres	Stand Age B	A Range	Managed S	ite	General Comments
1	4191 - Mixed Upla Co	and Decidu	ous with S	awtimb	er Well	8.3	46	81-110	N/A		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
(	Quaking Aspen	33	Pole/Log	9	46	Wh	nite Pine	Medium	Variable	Sapling	
	Red Maple	32	Log/Pole	10		Ва	lsam Fir	Low	Variable	Sapling	
	White Pine	20	Log/Pole	10							
	Jack Pine	5	Log	12							
	Jack Pine	5	Pole/Log	8							
Black	k/Red (Hybrid) Oak	5	Log/Pole	10							
2	4139 - Aspen, I	Mixed Deci	duous P	oletimb	er Well	19.6	40	81-110	N/A		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
(	Quaking Aspen	40	Pole/Sapling	7	40	Re	d Maple	Medium	< 5 feet	Sapling	
E	Bigtooth Aspen	10	Log	14		Ва	lsam Fir	Low	5 - 10 feet	Sapling	
N	orthern Pin Oak	15	Log/Pole	10		Blad	ck Cherry	Low	< 5 feet	Sapling	
	Black Cherry	5	Sapling	3	28	Wh	nite Pine	Low	Variable	Sapling	
	White Pine	5	Log/Pole	13							
	Red Maple	15	Log/Pole	10							
	Balsam Fir	10	Pole	7							
3	629 - Mixed non	-forested w	etland	Nonsto	cked	30.2	0		No		
4	629 - Mixed non	-forested w	etland	Nonsto	cked	19.2			No		Some areas on edges of stand have pole sized tamarack and balsam fir
5	4191 - Mixed Upla Co	and Decidu	ous with S	awtimb	er Well	4.4	101	111-140	N/A		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Pine	25	Log/Pole	12		Wh	nite Pine	Medium	Variable	Sapling	
Blacl	k/Red (Hybrid) Oak	56	Log/Pole	12	101	Re	d Maple	Low	Variable	Sapling	
	Red Maple	5	Pole	7		Black/Re	d (Hybrid) Oak	Low	Variable	Sapling	
	r tod mapio				1.1						
	Black Cherry	2	Pole/Sapling	7	L						
E	·	2	Pole/Sapling Pole/Log								
E	Black Cherry	1		7 9							



Stand	Level 4 Co	ver Type	s	ize De	ensity	Acres	Stand Age E	BA Range	Managed S	Site	General Comments
6	42141 - Planted N Deci	Mixed Pine	e, Mixed Sa	awtimb	er Well	26.8	131	111-140	N/A		
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Maple	10	Pole/Log	8	56		ed Maple	Low	Variable	Sapling	
	White Oak	2	Log/Pole	10	76	WI	nite Pine	Medium	Variable	Pole	
Blac	ck/Red (Hybrid) Oak	10	Log/Pole	10	56	R	ed Pine	Low	Variable	Sapling	
	White Pine	37	Log/Pole/XLog	12	131	Ва	lsam Fir	Low	Variable	Sapling	
	Red Pine	36	Log/Pole/XLog	12	93					1	1
	Jack Pine	3	Log/Pole	10	76						
	Bigtooth Aspen	2	Log/Pole	10							
7	42141 - Planted N Deci	Mixed Pine	e, Mixed Sa	awtimb	er Well	33.0	96	111-140	N/A		Closer to the lowland has the Xlogs and the density is higher.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Maple	15	Pole/Log	9		North	ern Pin Oak	Low	< 5 feet	Sapling	
	White Oak	5	Log	12		Ва	lsam Fir	Medium	Variable	Sapling	
	Bigtooth Aspen	5	Log/Pole	13		WI	nite Pine	Medium	Variable	Sapling	
Blac	ck/Red (Hybrid) Oak	15	Log/Pole	12							-
	White Pine	28	Log/Pole/XLog	12	96						
	Red Pine	32	Log/Pole/XLog	14	96						
8	320 - Upl	and Shrub	)	Nonst	ocked	0.2	0 L	Inspecified	No		long abandoned well site, lots of trees encroaching on edges
9	310 - Herbace	eous Oper	ıland	Nonst	ocked	0.7	0 ι	Inspecified	No		Old Well Site, plugged 1955, scattered aspen regeneration on edges
47	6128 - Lowland C Deci	Coniferous duous	, Mixed Pole	etimbe	r Mediun	n 4.2	121		N/A		Small lowland stand. It includes a cedar pocket around where the snowmobile trail crosses the creek.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Balsam Fir	37	Pole/Sapling	5		Ва	lsam Fir	Medium	Variable	Sapling	
No	rthern White Cedar	40	Pole/Log	9	121	Ta	ag Alder	Medium	5 - 10 feet	Tall Shrub	
	Tamarack	3	Pole/Log	8							•
	Paper Birch	2	Pole	7							
	Red Maple	15	Pole/Log	8							
	Quaking Aspen	3	Log	12							
49	4319 - Mixed	Upland Fo	orest Po	oletimb	er Well	3.3	51	51-80	N/A		Upland island in the middle of lowland.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Maple	43	Log/Pole	11	51		Isam Fir	Medium	>20 feet	Pole	
	Paper Birch	5	Log	12		Ta	ag Alder	Low	5 - 10 feet	Tall Shrub	
	Balsam Fir	47	D 1 //								4
	Daisaiii Fii	47	Pole/Log	8	51	Ва	lsam Fir	Low	Variable	Sapling	



Stand	Stand Level 4 Cove		Type Size Density Acres Stand Age BA Range Ma					BA Range	Managed S	Site	General Comments
50	4130 -	Aspen	Po	oletimb	er Well	72.8	28	Immature	N/A		
Cano	py Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
Red	Maple	3	Sapling/Pole	3	28	Wh	nite Oak	Medium	5 - 10 feet	Sapling	
Quakir	ng Aspen	25	Sapling/Pole	3	28	Northe	ern Pin Oak	Medium	5 - 10 feet	Sapling	
Bigtoo	th Aspen	52	Pole/Sapling	5	28	Blac	ck Cherry	Medium	5 - 10 feet	Sapling	
Norther	n Pin Oak	10	Sapling/Pole	4	28			'			•
Whit	te Pine	5	Pole/Sap/Log	5							
Black	Cherry	5	Sapling/Pole	3	28						
<b>52</b> 419	1 - Mixed Upla Co	nd Decidu nifer	uous with Sa	awtimb	er Well	25.6	76	111-140	N/A		
Cano	py Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
Red	Maple	18	Pole/Log	9		Ва	lsam Fir	Low	Variable	Sapling	
Whi	te Oak	3	Log/XLog	16		Wh	nite Pine	High	Variable	Sapling	
Bigtoo	th Aspen	17	Log/Pole	10		Re	d Maple	Low	>20 feet	Sapling	
Black/Red	(Hybrid) Oak	20	Log/Pole	12		Wh	nite Oak	Trace	5 - 10 feet	Sapling	
Whit	te Pine	30	Log/Pole/XLog	12	76						•
Red	d Pine	7	Log/XLog/Pole	14	76						
Quakir	ng Aspen	5	Pole/Sapling	7							
00	9 - Other Mixed			Sapling		34.8	9	1-50	N/A		Cut Jan/Feb 2013, oak was left scattered fairly evenly throughout the stand. Pine was also left in a few patches mostly in the southwest
	py Species		Size Class		Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	portion of the stand. The rest of the stand regenerated to red maple and
	te Oak	15	Log/Pole	10			nite Pine	Low	Variable	Sapling	aspen.
	(Hybrid) Oak	24	Log	14	96		ch Hazel	Low	5 - 10 feet	Tall Shruk	
	te Pine	10	Log/Pole	12	L	Blac	ck Cherry	Medium	Variable	Sapling	
Red	Maple	26	Sapling/Pole	2	9						
Quakir	ng Aspen	25	Sapling	1	9						
54	4130 -	Aspen	Po		er Well	5.3	39	1-50	N/A		Cut as a habitat cut with an FTP dated March 1982.
	py Species	% Cover	Size Class		Age		nopy Species	Density	Avg. Height	Size	
	Maple	5	Sapling/Pole	4		Blac	ck Cherry	Low	< 5 feet	Sapling	
Quakir	ng Aspen	80	Pole/Sapling	5	39	Wh	nite Pine	Low	Variable	Sapling	
Norther	n Pin Oak	10	Pole/Sapling	5							
Black	Cherry	3	Sapling/Pole	4							
Whit	te Pine	2	Log/Pole	12							



Stand Leve	el 4 Cover Type		Size De	nsity	Acres	Stand Age	BA Range	Managed S	Site	General Comments
<b>55</b> 4311	- Pine, Aspen M	1ix	Sapling	Well	4.8	17	Immature	N/A		Stand was cut in 2003 and FTP says it was seeded in 2004.
Canopy Spec	ies % Cover	Size Class	DBH	Age						
Red Maple	15	Sapling	1	18						
Quaking Asper	n 30	Sapling	2	18						
Jack Pine	50	Sapling	2	17						
Black/Red (Hybrid)	Oak 5	Sapling	2							
<b>56</b> 4191 - Mixed	d Upland Decidu Conifer	ous with F	Poletimb	er Well	8.4	51	51-80	N/A		Mixed stand. South part is mostly red maple, north part is mostly aspen, and middle is lowland.
Canopy Spec	ies % Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size	
Red Maple	30	Pole	8	51	R	ed Maple	Medium	Variable	Sapling	
Paper Birch	1	Pole	6		Ва	alsam Fir	Low	Variable	Sapling	
Quaking Asper	n 30	Pole	7	51	Bla	ck Spruce	Low	Variable	Sapling	
Northern Pin Oa	ak 10	Log/Pole	10		W	hite Pine	Medium	Variable	Sapling	
Balsam Fir	5	Pole	7		Bla	ck Cherry	Low	Variable	Sapling	
Black Spruce	5	Pole/Log	8		Т	ag Alder	Low	Variable	Tall Shrub	
White Pine	8	Log/Pole/XLo	g 12							
Jack Pine	10	Pole	7							
Tamarack	1	Pole/Log	8							
<b>57</b> 6120	- Lowland Ceda		Poletimb		20.0	126		N/A		Dead standing black ash also present.
Canopy Spec		Size Class		Age		anopy Specie		Avg. Height	Size	
Paper Birch	5	Pole	8			alsam Fir	High	>20 feet	Sapling	
Balsam Fir	10	Pole	6		Т	ag Alder	Low	5 - 10 feet	Tall Shrub	
Northern White Co		Pole/Log	9	126						
Red Maple	5	Pole/Sapling								
Quaking Asper	n 5	Log	12							
	Lowland Jack F	Pine	Sapling		13.8	17	Immature	N/A		Stand was cut in 2003. FTP says stand was seeded in 2004. The stand has some lowland bog inclusions.
Canopy Spec		Size Class		Age						nao como lo mana pog molaciono.
Red Maple	5	Sapling	3	18						
Quaking Asper		Sapling	2	18						
Northern Pin Oa		Sapling	3	18						
Jack Pine	55	Sapling	3	17						
Black Cherry	3	Sapling	2	18						
Black Spruce	1	Sapling	2							
White Pine	3	Sapling	3							
Red Pine	1	Sapling	3							
Tamarack	2	Sapling	2							



Stand	d Level 4 Co	over Type	s	ize De	nsity	Acres	Stand Age B	A Range	Managed S	Site	General Comments	MICHIGAN
61	6123 - Lo	owland Fir	S	Sapling	Poor	2.9	101	1-50	N/A			
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size		
	Balsam Fir	85 8	Sapling/Pole/Log	9 4	101	Ta	g Alder	Full	5 - 10 feet	Tall Shrub		
	Red Maple	5	Sapling/Pole	3								
	Black Spruce	10 5	Sapling/Pole/Log	4								
62	629 - Mixed non	-forested v	vetland i	Nonsto	cked	7.5	1	mmature	No			
63	6123 - Lo	owland Fir	Po	letimb	er Well	58.6	96		N/A		Aspen is located on upland pockets.	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size		
	Red Maple	15	Log/Pole	10		Re	d Maple	Low	Variable	Sapling		
	Balsam Fir	55	Pole	7	96	Ва	lsam Fir	High	Variable	Sapling		
	Black Spruce	5	Pole/Log	8		Ta	ig Alder	High	10 - 20 feet	Tall Shrub		
No	orthern White Cedar	10	Log/Pole	10								
	Quaking Aspen	15	Pole/Log	9								
64	6130 - Fir, <i>A</i>	Aspen, Map	ole Po	letimb	er Well	54.0	96	51-80	N/A			
	Canopy Species	% Cover	Size Class		Age		nopy Species	Density	Avg. Height	Size		
	Red Maple	25	Log/Pole/Sap	10	96		d (Hybrid) Oak	Trace	Variable	Sapling		
	Paper Birch	1	Pole	8			lsam Fir	Medium	Variable	Sapling		
	Quaking Aspen	20	Log/Pole	10			ck Cherry	Low	Variable	Sapling		
	Balsam Fir	35	Pole/Sap/Log	6	96	Ta	ıg Alder	Medium	10 - 20 feet	Tall Shrub		
	Black Spruce	16	Pole/Sap/Log	6								
	White Pine	2	Log	12								
Bla	ck/Red (Hybrid) Oak	1	Pole	8								
			_			4.0	49		N/A		Skinny strip along the road.	
65	4130 -	- Aspen	Po	letimb	er wei							
65	4130 - Canopy Species	- Aspen % Cover			er weii <b>Age</b>		nopy Species	Density	Avg. Height	Size		
65					Age	Sub-Ca	nopy Species ern Pin Oak	<b>Density</b> Low	Avg. Height Variable	Size Sapling		
65	Canopy Species	% Cover	Size Class	DBH		Sub-Ca Northe						
65	Canopy Species Red Maple	<b>% Cover</b>	Size Class Pole/Log	<b>DB</b> H	Age	Sub-Ca North	ern Pin Oak	Low	Variable	Sapling		
65	Canopy Species Red Maple Quaking Aspen	<b>% Cover</b> 10 75	Size Class Pole/Log Pole/Log	8 8	Age	Sub-Ca North	ern Pin Oak nite Pine	Low	Variable Variable	Sapling Sapling		
65	Canopy Species Red Maple Quaking Aspen Balsam Fir	% Cover 10 75 5	Size Class Pole/Log Pole/Log Pole	8 8 8 5	Age	Sub-Ca North	ern Pin Oak nite Pine	Low	Variable Variable	Sapling Sapling		



d Level 4 Co	over Type	(	Size De	ensity	Acres	Stand Age	BA Range	Managed S	Site	General Comments
4130 -	- Aspen		Saplin	g Well	23.1	28	Immature	N/A		
Canopy Species		Size Class		l Age			Density	Avg. Height	Size	
Red Maple		Sapling					Low	Variable		
Quaking Aspen	80	Sapling/Pole	4	28			Low			
	3	Sapling/Pole	4				Low	-		
Balsam Fir		Sapling/Pole			Black/Re	d (Hybrid) Oal	Low	Variable	Sapling	
Black Cherry	2	Sapling	3							
42220 - Natu	ural Jack Pi	ne P	oletimb	er Well	26.2	44	1-50	N/A		FTP says stand was aerial seeded to jack pine in 1977 with a larger area
Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	in contiguous compartments. Imagery looks like the larger area might have originated from a fire.
Red Maple	3	Pole/Log	8		Northe	ern Pin Oak	Low	< 5 feet	Sapling	
Northern Pin Oak	5	Log/Pole	10		Blad	ck Cherry	High	< 5 feet	Sapling	
White Pine	5	Log/Pole	10		Ва	lsam Fir	Low	5 - 10 feet	Sapling	
Black Cherry	2	Pole/Sapling	6							•
Balsam Fir	2	Log/Pole	10							
Jack Pine	83	Pole/Sapling	6	44						
					24.5	9	Immature	No N/A		Has some scattered dead ash and mature balsam fir.  Stand cut in Jan/Feb 2013.
<u> </u>						-				
				9						
ck/Red (Hybrid) Oak	5	Log/Pole	13							
		ous with	Saplin	g Well	60.3	17	Immature	N/A		Stand was cut in 2003 and FTP says it was seeded to jack pine in 2004.
Canopy Species	% Cover	Size Class	DBH	l Age						
Bigtooth Aspen	30	Sapling	2	18						
Northern Pin Oak	12	Sapling	2	18						
Jack Dina	40	Sapling	2	17						
Jack Pine		1 0								
Black Cherry	12	Sapling	1	18						
Black Cherry Red Maple	12	Sapling Sapling	1 2	18	22.0	60	81-110	N/A		
Black Cherry Red Maple	12 6 owland Fir	Sapling Sapling	1 2 oletimb	18 18		60		N/A Avg. Height	Size	
Black Cherry Red Maple 6123 - Lo	12 6 owland Fir	Sapling Sapling	1 2 oletimb	18 18 per Well	Sub-Ca				<b>Size</b> Sapling	
Black Cherry Red Maple 6123 - Lo Canopy Species	12 6 owland Fir % Cover	Sapling Sapling P Size Class	1 2 oletimb	18 18 per Well	Sub-Ca Ba	nopy Species	Density	Avg. Height		
1	Canopy Species Red Maple Quaking Aspen Northern Pin Oak Balsam Fir Black Cherry  42220 - Natu Canopy Species Red Maple Northern Pin Oak White Pine Black Cherry Balsam Fir Jack Pine  6229 - Mixed  4139 - Aspen, I Canopy Species Quaking Aspen White Pine Red Pine Red Pine Red Maple ck/Red (Hybrid) Oak  4191 - Mixed Upla Co Canopy Species Bigtooth Aspen	A130 - Aspen   Canopy Species   % Cover	A130 - Aspen  Canopy Species	Canopy Species       % Cover Size Class       DBH         Red Maple       10       Sapling       3         Quaking Aspen       80       Sapling/Pole       4         Northern Pin Oak       3       Sapling/Pole       4         Balsam Fir       5       Sapling/Pole       4         Black Cherry       2       Sapling       3         42220 - Natural Jack Pine       Poletimb         Canopy Species       % Cover Size Class       DBH         Red Maple       3       Pole/Log       8         Red Maple       3       Pole/Log       8         Northern Pin Oak       5       Log/Pole       10         White Pine       5       Log/Pole       10         Balsam Fir       2       Log/Pole       10         Jack Pine       83       Pole/Sapling       6         6229 - Mixed lowland shrub       Nonste         Canopy Species       % Cover Size Class       DBH         Quaking Aspen       50       Sapling       2         White Pine       10       Log/Pole       12         Red Pine       5       Log/Pole       12         Red Maple       30       Sapling<	Canopy Species   % Cover   Size Class   DBH   Age	Canopy Species   Cover   Size Class   DBH   Age   Red Maple   10   Sapling   3   Ba   Ba   Quaking Aspen   80   Sapling/Pole   4   28   Ta   Northern Pin Oak   3   Sapling/Pole   4   4   Black/Re   Black Cherry   2   Sapling   3   Ba   Black/Re   Black Cherry   2   Sapling   3   Sub-Ca   Northern Pin Oak   5   Log/Pole   10   Black Cherry   2   Pole/Sapling   6   Black Ch	Canopy Species   % Cover   Size Class   DBH   Age   Red Maple   10   Sapling   3   Sapling   Sapling   Sapling   Sable   Sab	A130 - Aspen	At   130 - Aspen   Sapling   Well   23.1   28   Immature   N/A	A130 - Aspen



Stand	Level 4 Co	over Type	S	ize De	nsity	Acres	Stand Age E	A Range	Managed S	ite	General Comments
73	629 - Mixed non	-forested w	vetland	Nonsto	cked	14.8			No		
75	42120 - Plan	ted Jack P	ine S	Sapling	ı Well	90.2	27	Immature	N/A		Cut in 1993 then trenched and seeded to jack pine in 1994 and re-
(	Canopy Species	% Cover	Size Class	DBH	Age						seeded in 1995.
В	Bigtooth Aspen	1	Sapling	2	28						
No	orthern Pin Oak	13	Sapling	3	28						
	Jack Pine	80	Sapling	3	27						
	Black Cherry	5	Sapling	2	28						
	White Pine	1	Log/Pole	10							
76	42210 - Nat	ural Red Pi	ine Sa	awtimb	er Poor	12.3	76	1-50	N/A		Stand cut in Jan/Feb 2013.
(	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	White Oak	3	Pole/Log	9		Re	d Maple	Medium	10 - 20 feet	Sapling	
No	orthern Pin Oak	2	Log	12	96	Ва	lsam Fir	Low	Variable	Sapling	
	White Pine	5	Log/Pole	10		Wh	nite Pine	Low	Variable	Sapling	
	Red Pine	90	Log/XLog/Pole	14	76	Blac	k Cherry	Low	5 - 10 feet	Sapling	
						Wit	ch Hazel	Low	Variable	Tall Shrub	
						Quak	ing Aspen	High	10 - 20 feet	Sapling	
						Black/Re	d (Hybrid) Oak	Low	>20 feet	Sapling	
77	6112 - Lov	vland Aspe	n Po	oletimb	er Well	23.1	51	51-80	N/A		The east end of the stand is more dense, has more log sized aspen, and
(	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	has more balsam understory.
	Red Maple	25	Log/Pole	12		Ва	lsam Fir	Medium	10 - 20 feet	Sapling	
C	Quaking Aspen	40	Pole/Log	9	51	Wh	nite Pine	Low	Variable	Sapling	
Black	k/Red (Hybrid) Oak	13	Pole/Log	9		Blac	k Cherry	Low	5 - 10 feet	Sapling	
	White Pine	12	Log/Pole	12		Re	d Maple	Medium	10 - 20 feet	Sapling	
	White Pine Balsam Fir	12 8	Log/Pole Pole/Log	12			d Maple g Alder	Medium Medium	10 - 20 feet 5 - 10 feet	Sapling Tall Shrub	
78	Balsam Fir	8 2	Pole/Log Pole/Log	8	er Well						Records indicate planting of red pine and jack pine in 1928. Likely some
78	Balsam Fir Black Spruce	8 2 ral Mixed F	Pole/Log Pole/Log	8 8 awtimb	er Well	53.5	g Alder	Medium 111-140	5 - 10 feet		Records indicate planting of red pine and jack pine in 1928. Likely some various disturbances since then. Has multiple size classes of white pine.
78	Balsam Fir Black Spruce 42290 - Natu	8 2 ral Mixed F	Pole/Log Pole/Log Pine Sa	8 8 awtimb		53.5 <b>Sub-Ca</b>	g Alder	Medium 111-140	5 - 10 feet N/A	Tall Shrub	Records indicate planting of red pine and jack pine in 1928. Likely some
78	Balsam Fir Black Spruce 42290 - Natu Canopy Species	8 2 ral Mixed F % Cover 7	Pole/Log Pole/Log Pine Sa Size Class	8 8 awtimb DBH	Age	53.5  Sub-Car  Northe	g Alder 56 nopy Species	Medium  111-140  Density	5 - 10 feet N/A Avg. Height	Tall Shrub	Records indicate planting of red pine and jack pine in 1928. Likely some various disturbances since then. Has multiple size classes of white pine. Stand is dominated by poles and small logs in several locations with
78	Balsam Fir Black Spruce  42290 - Natu  Canopy Species  (/Red (Hybrid) Oak	8 2 ral Mixed F % Cover 7	Pole/Log Pole/Log Pine Sa Size Class Log/Pole	8 8 awtimb DBH	<b>Age</b> 93	53.5  Sub-Car  Northe	g Alder 56 nopy Species	Medium  111-140  Density  Low	5 - 10 feet  N/A  Avg. Height  < 5 feet	Tall Shrub Size Sapling	Records indicate planting of red pine and jack pine in 1928. Likely some various disturbances since then. Has multiple size classes of white pine. Stand is dominated by poles and small logs in several locations with



79	Stand	d Level 4 Co	over Type	;	Size D	ensity	Acres	Stand Age	BA Range	Managed \$	Site	General Comments	Michigan
Red Maple	79	4133 - Aspe	n, Mixed F	Pine F	oletim	ber Wel	1 21.3	51	81-110	N/A		There is a culvert of Possum Trail in this stand.	
White   Price   20   Pole   Log   8   51   Tag Alder   Low   10 - 20 feet   Tall Shrub		Canopy Species	% Cover	Size Class	DB	H Age	Sub-Ca	anopy Species	s Density	Avg. Height			
Mythe Pine   30   Log/Pole   12   12   13   14   15   15   15   15   15   15   15		Red Maple	10	Pole/Log	9		Ва	alsam Fir	Medium	Variable	Sapling		
Red Pine   5		Quaking Aspen	20	Pole/Log	8	51	W	hite Pine	Medium	Variable	Sapling		
Black Red (Hybrid) Oak   5   LogPole   12   Slack Spruce   2   Pole/Sapling   5   Slight Spruce   2   Pole/Sapling   5   Slight Spruce   2   Pole/Sapling   5   Slight Spruce   2   LogPole   10   Slight Spruce   Slight Spruce   10   Slight		White Pine	30	Log/Pole/XLog	g 12		T	ag Alder	Low	10 - 20 feet	Tall Shrub		
Balsam Fir   3   Poles/Sapling   5   Bigdooth Aspen   23   Poles   24   Log/Pole   10		Red Pine	5	Log	14								
Biglooth Aspen   22   Pole/Saping   5	Bla	ck/Red (Hybrid) Oak	5	Log/Pole	12								
Bigtooth Aspen   23		Balsam Fir	3	Pole/Sapling	5								
White Oak   2   Log/Pole   10		Black Spruce	2	Pole/Sapling	5								
80   629 - Mixed non-forested wetland   Nonstocked   18.6   No		Bigtooth Aspen	23	Pole/Log	9	51							
Stand was cut in Jan/Feb 2013.   Stand was cut in Jan/Feb 2013.		White Oak	2	Log/Pole	10								
Canopy Species   W Cover   Size Class   DBH Age   White Oak   S   Log/Pole   10   White Oak   Low   >20 feet   Sapling   Sapling   White Pine   35   Log/Pole   10   Black/Red (Hybrid) Oak   S   Log/Pole   10   Black Cherry   Low   S - 10 feet   Sapling   White Pine   S   Log/Pole   14   Witch Hazel   Low   <5 feet   Tall Shrub   Sapling   Red Pine   S   Log/Pole   14   Witch Hazel   Low   <5 feet   Tall Shrub   Sapling   Red Maple   Medium   S - 10 feet   Sapling   Red Maple   Medium   S - 10 feet   Sapling   Sapling   Red Maple   Medium   S - 10 feet   Sapling   Sapl	80	629 - Mixed non	n-forested v	vetland	Nons	tocked	18.6			No			
White Oak   5   Log/Pole   10   White Oak   Low   >20 feet   Sapling   Sapling   White Pine   35   Log/Pole   10   White Pine   Low   Variable   Sapling   Sapling   White Pine   5   Log/XLog/Pole   14   Witch Hazel   Low   <5 feet   Tall Shrub   Bigtooth Aspen   High   10 - 20 feet   Sapling   Red Maple   Medium   5 - 10 feet   Sapling   Red Maple   Sapling   Red Maple   Sapling   Red Maple   Sapling   Red Maple   Sapling   S	81	4122 - 0	Oak, Pine	Sa	wtimb	er Mediu	ım 31.9	96	1-50	N/A		Stand was cut in Jan/Feb 2013.	
Black/Red (Hybrid) Oak   55   Log/Pole   12   96   Black Cherry   Low   5 - 10 feet   Sapling		Canopy Species	% Cover	Size Class	DB	H Age	Sub-Ca	anopy Species	s Density	Avg. Height	Size		
White Pine   35   Log/Pole   10   Black Cherry   Low   5 - 10 feet   Sapling   Witch Hazel   Low   < 5 feet   Tall Shrub		White Oak	5	Log/Pole	10		W	hite Oak	Low	>20 feet	Sapling		
Red Pine   5   Log/XLog/Pole   14	Bla	ck/Red (Hybrid) Oak	55	Log/Pole	12	96	W	hite Pine	Low	Variable	Sapling		
Bigtooth Aspen   Red Maple   Medium   5 - 10 feet   Sapling		White Pine	35	Log/Pole	10		Bla	ick Cherry	Low	5 - 10 feet	Sapling		
Red Maple   Medium   5 - 10 feet   Sapling		Red Pine	5	Log/XLog/Pole	e 14		Wi	tch Hazel	Low	< 5 feet	Tall Shrub		
Black/Red (Hybrid) Oak   Low   Variable   Sapting							Bigto	ooth Aspen	High	10 - 20 feet	Sapling		
82         6129 - Mixed Coniferous Lowland Forest         Sawtimber Well Forest         21.1         96         N/A           Canopy Species         % Cover Size Class         DBH Age         Sub-Canopy Species         Density Density         Avg. Height Size           Red Maple         3         Pole/Log/Sap 7         Black Spruce         Medium Medium Variable         Sapling           Black Spruce         45         Pole/Log 8         96         Tag Alder Medium Medium Variable         10 - 20 feet Tall Shrub           White Pine         5         XLog/Pole 10         Balsam Fir         Low Variable         Sapling           Northern White Cedar Paper Birch         2         Pole 8         Sawtimber Well         8.0         70         111-140         N/A           Canopy Species McGover Size Class DBH Age Red Maple         Sawtimber Well Sub-Canopy Species Density Avg. Height Size           White Oak         8         Log/Pole 10         Red Maple Low >20 feet Sapling           White Oak         8         Log/Pole 10         Red Maple Low >20 feet Sapling           White Olak Signoth Aspen 5         Pole/Log 8         56           Black/Red (Hybrid) Oak 22         Log/Pole 11         Red Maple Low >20 feet Sapling							Re	ed Maple	Medium	5 - 10 feet	Sapling		
Canopy Species   % Cover   Size Class   DBH   Age   Black Spruce   Medium   Variable   Sapling							Black/Re	ed (Hybrid) Oa	k Low	Variable	Sapling		
Red Maple         3         Pole/Log/Sap         7         Black Spruce         Medium         Variable         Sapling           Black Spruce         45         Pole/Log         8         96         Tag Alder         Medium         10 - 20 feet         Tall Shrub           White Pine         5         XLog/Log         18         Balsam Fir         Low         Variable         Sapling           Northern White Cedar         45         Log/Pole         10         Balsam Fir         Low         Variable         Sapling           Paper Birch         2         Pole         8         Sawtimber Well         8.0         70         11-140         N/A           Canopy Species         % Cover         Size Class         DBH Age         Sub-Canopy Species         Density         Avg. Height         Size           Red Maple         5         Pole/Log         9         White Pine         Medium         Variable         Sapling           White Oak         8         Log/Pole         10         Red Maple         Low         >20 feet         Sapling           Black/Red (Hybrid) Oak         22         Log/Pole         11         Low         >20 feet         Sapling	82			owland S	Sawtim	ber Wel	l 21.1	96		N/A			
Black Spruce		Canopy Species	% Cover	Size Class	DB	H Age	Sub-Ca	anopy Species	s Density	Avg. Height	Size		
White Pine         5         XLog/Log         18         Balsam Fir         Low         Variable         Sapling           Northern White Cedar Paper Birch         45         Log/Pole         10         Northern White Cedar         45         Log/Pole         8           83         42250 - Pine, Oak         Sawtimber Well         8.0         70         111-140         N/A           Canopy Species         % Cover Size Class         DBH Age         Sub-Canopy Species         Density         Avg. Height         Size           Red Maple         5         Pole/Log         9         White Pine         Medium         Variable         Sapling           White Oak         8         Log/Pole         10         Red Maple         Low         >20 feet         Sapling           Bigtooth Aspen         5         Pole/Log         8         56           Black/Red (Hybrid) Oak         22         Log/Pole         11           White Pine         55         Log/Pole/XLog         10         70		Red Maple	3	Pole/Log/Sap	7		Bla	ck Spruce	Medium	Variable	Sapling		
Northern White Cedar   45		Black Spruce	45	Pole/Log	8	96	T	ag Alder	Medium	10 - 20 feet	Tall Shrub		
Paper Birch         2         Pole         8           83         42250 - Pine, Oak         Sawtimber Well         8.0         70         111-140         N/A           Canopy Species         % Cover Size Class         DBH Age         Sub-Canopy Species         Density         Avg. Height         Size           Red Maple         5         Pole/Log         9         White Pine         Medium         Variable         Sapling           White Oak         8         Log/Pole         10         Red Maple         Low         >20 feet         Sapling           Bigtooth Aspen         5         Pole/Log         8         56           Black/Red (Hybrid) Oak         22         Log/Pole         11           White Pine         55         Log/Pole/XLog         10           70         70         70		White Pine	5	XLog/Log	18		Ва	alsam Fir	Low	Variable	Sapling		
83         42250 - Pine, Oak         Sawtimber Well         8.0         70         111-140         N/A           Canopy Species         % Cover Size Class         DBH Age         Sub-Canopy Species         Density         Avg. Height         Size           Red Maple         5         Pole/Log         9         White Pine         Medium         Variable         Sapling           White Oak         8         Log/Pole         10         Red Maple         Low         >20 feet         Sapling           Bigtooth Aspen         5         Pole/Log         8         56           Black/Red (Hybrid) Oak         22         Log/Pole         11           White Pine         55         Log/Pole/XLog         10         70	No	orthern White Cedar	45	Log/Pole	10							•	
Canopy Species % Cover Size Class DBH Age Red Maple 5 Pole/Log 9 White Pine Medium Variable Sapling White Oak 8 Log/Pole 10 Red Maple Low >20 feet Sapling Bigtooth Aspen 5 Pole/Log 8 56 Black/Red (Hybrid) Oak 22 Log/Pole 11 White Pine 55 Log/Pole/XLog 10 70		Paper Birch	2	Pole	8								
Red Maple         5         Pole/Log         9         White Pine         Medium         Variable         Sapling           White Oak         8         Log/Pole         10         Red Maple         Low         >20 feet         Sapling           Bigtooth Aspen         5         Pole/Log         8         56           Black/Red (Hybrid) Oak         22         Log/Pole         11           White Pine         55         Log/Pole/XLog         10         70	83	42250 -	Pine, Oak	S	Sawtim	ber Wel	l 8.0	70	111-140	N/A			
White Oak         8         Log/Pole         10         Red Maple         Low         >20 feet         Sapling           Bigtooth Aspen         5         Pole/Log         8         56           Black/Red (Hybrid) Oak         22         Log/Pole         11           White Pine         55         Log/Pole/XLog         10         70		Canopy Species	% Cover	Size Class	DB	H Age	Sub-Ca	anopy Species	s Density	Avg. Height	Size		
Bigtooth Aspen         5         Pole/Log         8         56           Black/Red (Hybrid) Oak         22         Log/Pole         11           White Pine         55         Log/Pole/XLog         10         70		Red Maple	5	Pole/Log	9		W	hite Pine	Medium	Variable	Sapling		
Black/Red (Hybrid) Oak 22 Log/Pole 11 White Pine 55 Log/Pole/XLog 10 70		White Oak	8	Log/Pole	10		Re	ed Maple	Low	>20 feet	Sapling		
White Pine 55 Log/Pole/XLog 10 70		Bigtooth Aspen	5	Pole/Log	8	56						•	
	Bla	ck/Red (Hybrid) Oak	22	Log/Pole	11								
Pad Pina 5 Lag/Pala 12		White Pine	55	Log/Pole/XLog	g 10	70							
Red Pine 5 Log/Pole 13		Red Pine	5	Log/Pole	13								

Compartment: 21 Year of Entry: 2022



Stan	d Level 4 C	over Type	s	ize De	ensity	Acres	Stand Age E	BA Range	Managed S	ite	General Comments
85	6120 - Lov	wland Ceda	ar Sav	vtimbe	r Mediu	m 7.9	136		N/A		Lots of standing dead ash.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Maple	25	Pole/Sap/Log	8		Ва	ılsam Fir	High	< 5 feet	Sapling	
No	orthern White Cedar	65	Log/Pole	10	136	Ta	ag Alder	High	5 - 10 feet	Tall Shrub	
	White Pine	5	Pole	8							•
	Balsam Fir	5	Pole/Sapling	5							
88	629 - Mixed nor	n-forested v	vetland	Nonst	ocked	17.1		Immature	No		
89	4311 - Pin	e, Aspen M	1ix	Saplin	g Well	6.8	28	Immature	N/A		Upland knob that was done part commercial and part by habitat cut.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Balsam fir and white pine is mostly near the outside edge.
	Red Maple	15	Sapling/Pole	4	28	Re	ed Maple	Medium	Variable	Sapling	
	Quaking Aspen	25	Sapling	3	28	Black/Re	ed (Hybrid) Oak	Low	Variable	Sapling	
	Bigtooth Aspen	15	Sapling/Pole	4	28	Ba	ılsam Fir	Low	Variable	Sapling	
	Balsam Fir	15	Pole/Sapling	6	28	Bla	ck Cherry	Low	Variable	Sapling	
	White Pine	30	Pole/Sap/Log	7	28			'			
91	6121 -	Tamarack	Pole	etimbe	r Mediu	m 10.2	76	1-50	N/A		
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Tamarack	95	Pole/Sapling	5	76	Ta	amarack	Low	Variable	Sapling	
	White Pine	5	Sapling/Pole	4		W	hite Pine	Low	Variable	Sapling	
92	6127 - Lo	owland Pine	e Sa	awtimb	er Wel	9.7	86	111-140	N/A		
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Black Spruce	5	Pole/Log	9		Re	ed Maple	Low	Variable	Sapling	
	Tamarack	5	Log/Pole	10		Bla	ck Spruce	Low	Variable	Sapling	
	White Pine	50	Log/XLog/Pole	14	86	Ta	amarack	Low	Variable	Sapling	
	Red Pine	35	Log	14	86	Bla	ck Cherry	Low	Variable	Sapling	
	Jack Pine	5	Log/Pole	10							•
93	42260 - Natural Pi	ne, Mixed [	Deciduous S	awtimb	er Wel	62.1	136	141-170	N/A		Natural two-aged pine stand. Red pine dominated in central and
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	southeast portion and white pine dominated to the northwest. Pockets throughout are dominated by aspen and maple. Some small areas don't
	Red Maple	13	Pole/Log	9	74		ed Maple	Low	Variable	Sapling	have the younger component and are dominated by Xlog white pine, but
	Bigtooth Aspen	20	Log/Pole	13	74		ern Pin Oak	Low	< 5 feet	Sapling	most of it is two-aged. Very unique stand.
Bla	ick/Red (Hybrid) Oak	5	Log	14	136	Ba	lsam Fir	Medium	Variable	Sapling	
	White Pine	30	Log/XLog/Pole	14	136	W	hite Pine	Medium	Variable	Sapling	
	Red Pine	30	Log/Pole/XLog	12	74	Bla	ck Spruce	Low	Variable	Sapling	
	White Oak	2	Log	12		W	hite Oak	Trace	10 - 20 feet	Sapling	
										, ,	1

5 - 10 feet

Low

Tall Shrub

Witch Hazel



Stand	Level 4 Co	over Type	:	Size De	nsity	Acres	Stand Age	BA Range	Managed S	Site	General Comments
94	4133 - Aspe	n, Mixed P	ine P	oletimb	er Well	54.0	38		N/A		Cut in 1983 as a part of "Block 264."
Ca	nopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
F	Red Maple	5	Pole/Sap/Log	6		North	ern Pin Oak	Low	5 - 10 feet	Sapling	
Qua	aking Aspen	30	Pole/Sapling	6	38	Ва	lsam Fir	Medium	Variable	Sapling	
Big	tooth Aspen	28	Pole	7	38	WI	nite Pine	Medium	Variable	Sapling	
Е	Balsam Fir	3	Pole	6		Bla	ck Cherry	Low	5 - 10 feet	Sapling	
V	Vhite Pine	30	Log/Pole	13		Ta	ag Alder	Low	10 - 20 feet	Tall Shrub	
ВІ	ack Cherry	2	Pole	6							•
	Red Pine	1	Pole/Log	9							
Black/R	ted (Hybrid) Oak	1	Log/Pole	10							
95	4130 -	- Aspen	P	oletimb	er Well	10.2	28	Immature	N/A		
Ca	nopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
Qua	aking Aspen	10	Sapling/Pole	3		W	hite Oak	Low	10 - 20 feet	Sapling	
Big	tooth Aspen	60	Pole/Sapling	5	28	North	ern Pin Oak	Low	10 - 20 feet	Sapling	
V	Vhite Pine	15	Pole/Sapling	5		WI	nite Pine	Low	Variable	Sapling	
BI	ack Cherry	5	Sapling/Pole	3		Bla	ck Cherry	Low	10 - 20 feet	Sapling	
Black/R	ted (Hybrid) Oak	10	Sapling/Pole	4		Re	ed Maple	Low	10 - 20 feet	Sapling	
				·		Ва	lsam Fir	Low	Variable	Sapling	
97	4130 -	- Aspen	P	oletimb	er Well	6.0	28	Immature	N/A		Small opening in west part of stand has some red maple and oak.
Ca	nopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
F	Red Maple	3	Sapling/Pole	4	28	Re	d Maple	Medium	5 - 10 feet	Sapling	
Big	tooth Aspen	90	Pole/Sapling	5	28	Ва	lsam Fir	Low	Variable	Sapling	
Nort	hern Pin Oak	2	Sapling	2	28	WI	nite Pine	Low	Variable	Sapling	
Е	Balsam Fir	2	Pole/Sapling	5	28	Bla	ck Cherry	Low	Variable	Sapling	
BI	ack Cherry	3	Sapling	2	28			1			
100	4133 - Aspe	n, Mixed P	ine P	oletimb	er Well	15.2	38		N/A		Cut in 1983 as a part of "Block 264." Old logging roads present, but
Ca	nopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	access is poor due to low area between here and main roads.
F	Red Maple	3	Pole/Sapling	6		Re	d Maple	Low	10 - 20 feet	Sapling	
Р	aper Birch	2	Pole	6		Ва	lsam Fir	Medium	Variable	Sapling	
Big	tooth Aspen	60	Pole/Sapling	6	38	WI	nite Pine	Medium	Variable	Sapling	
V	Vhite Pine	30	Log/Pole	10		Bla	ck Cherry	Low	10 - 20 feet	Sapling	
	Red Pine	5	Log/Pole	10		Wit	ch Hazel	Low	5 - 10 feet	Tall Shrub	



and Level 4 Co	over Type	•	Size De	,	Acres	Stand Age E	A Kange	Managed S	Site	General Comments
101 4130	- Aspen		Sapling	y Well	22.5	18	Immature	N/A		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
Red Maple	5	Sapling	2	18	Wh	ite Oak	Low	< 5 feet	Sapling	
Bigtooth Aspen	90	Sapling	3	18	Northe	rn Pin Oak	Low	Variable	Sapling	
Black/Red (Hybrid) Oak	5	Sapling	2	18	Wh	ite Pine	Low	5 - 10 feet	Sapling	
					Re	ed Pine	Trace	5 - 10 feet	Sapling	
					Pin	Cherry	Low	10 - 20 feet	Sapling	
					Jac	ck Pine	Low	10 - 20 feet	Sapling	
					Wite	ch Hazel	Low	5 - 10 feet	Tall Shrub	
102 629 - Mixed nor	n-forested w	vetland	Nonsto	cked	14.9			No		
103 6120 - Lo	wland Ceda		etimbe	Mediu	ım 128.2	136		N/A		Stand used to be dominated by pole sized ash but it is dead now.
Canopy Species		Size Class		Age		nopy Species	Density	Avg. Height	Size	
Red Maple	15	Pole/Log/Sap				sam Fir	Low	Variable	Sapling	
Northern White Cedar	70	Pole/Log	9	136	Та	g Alder	High	10 - 20 feet	Tall Shrub	
White Pine	5	XLog	18							
		XLog Sapling/Pole	18							
White Pine Balsam Fir	5 10	Sapling/Pole		ı Well	29.0	7	mmature	N/A		Cut Spring 2014, left 2 small pine islands and some scattered oak.
White Pine Balsam Fir	5 10 Mixed Deci	Sapling/Pole iduous Size Class	3 Sapling	Well Age	Sub-Car	nopy Species	Immature  Density	N/A Avg. Height	Size	Cut Spring 2014, left 2 small pine islands and some scattered oak.
White Pine Balsam Fir  4139 - Aspen,	5 10 Mixed Deci % Cover 48	Sapling/Pole duous Size Class Sapling	3 Sapling	<b>Age</b> 7	Sub-Car Wh	nopy Species nite Oak	<b>Density</b> Low		Sapling	Cut Spring 2014, left 2 small pine islands and some scattered oak.
White Pine Balsam Fir  106 4139 - Aspen, Canopy Species	5 10 Mixed Deci	Sapling/Pole iduous Size Class	Sapling  DBH  1	Age	Sub-Car Wh	nopy Species	<b>Density</b> Low	Avg. Height	Sapling Sapling	Cut Spring 2014, left 2 small pine islands and some scattered oak.
White Pine Balsam Fir  106 4139 - Aspen, Canopy Species Bigtooth Aspen Red Maple Red Pine	5 10 Mixed Deci % Cover 48 37 4	Sapling/Pole duous Size Class Sapling Sapling Log	Sapling  DBH  1  1  16	<b>Age</b> 7	Sub-Car Wh Black/Red Wh	nopy Species nite Oak d (Hybrid) Oak lite Pine	<b>Density</b> Low	Avg. Height < 5 feet < 5 feet < 5 feet	Sapling Sapling Sapling	Cut Spring 2014, left 2 small pine islands and some scattered oak.
White Pine Balsam Fir  106 4139 - Aspen, Canopy Species Bigtooth Aspen Red Maple	5 10 Mixed Deci % Cover 48 37 4 3	Sapling/Pole iduous Size Class Sapling Sapling Log Log/Pole	3 Sapling DBH 1 1 16 12	<b>Age</b> 7	Sub-Car Wh Black/Red Wh	nopy Species nite Oak d (Hybrid) Oak	Density Low Medium	Avg. Height < 5 feet < 5 feet	Sapling Sapling	Cut Spring 2014, left 2 small pine islands and some scattered oak.
White Pine Balsam Fir  106 4139 - Aspen, Canopy Species Bigtooth Aspen Red Maple Red Pine Black/Red (Hybrid) Oak White Oak	5 10 Mixed Deci % Cover 48 37 4 3 2	Sapling/Pole iduous Size Class Sapling Sapling Log Log/Pole Log/Pole	3 Sapling DBH 1 1 16 12 12	<b>Age</b> 7	Sub-Car Wh Black/Rec Wh	nopy Species nite Oak d (Hybrid) Oak lite Pine	Low Medium Low	Avg. Height < 5 feet < 5 feet < 5 feet	Sapling Sapling Sapling	Cut Spring 2014, left 2 small pine islands and some scattered oak.
White Pine Balsam Fir  106 4139 - Aspen, Canopy Species Bigtooth Aspen Red Maple Red Pine Black/Red (Hybrid) Oak	5 10 Mixed Deci % Cover 48 37 4 3 2	Sapling/Pole iduous Size Class Sapling Sapling Log Log/Pole	3 Sapling DBH 1 1 16 12	<b>Age</b> 7	Sub-Car Wh Black/Rec Wh	nopy Species nite Oak d (Hybrid) Oak nite Pine ch Hazel	Low Low Low Low	<ul><li>Avg. Height</li><li>5 feet</li><li>5 feet</li><li>5 feet</li><li>5 - 10 feet</li></ul>	Sapling Sapling Sapling Tall Shrub	Cut Spring 2014, left 2 small pine islands and some scattered oak.
White Pine Balsam Fir  106 4139 - Aspen, Canopy Species Bigtooth Aspen Red Maple Red Pine Black/Red (Hybrid) Oak White Oak	5 10 Mixed Deci % Cover 48 37 4 3 2	Sapling/Pole iduous Size Class Sapling Sapling Log Log/Pole Log/Pole	3 Sapling DBH 1 1 16 12 12	<b>Age</b> 7	Sub-Car Wh Black/Rec Wh	nopy Species nite Oak d (Hybrid) Oak nite Pine ch Hazel	Low Low Low Low	<ul><li>Avg. Height</li><li>5 feet</li><li>5 feet</li><li>5 feet</li><li>5 - 10 feet</li></ul>	Sapling Sapling Sapling Tall Shrub	Cut Spring 2014, left 2 small pine islands and some scattered oak.
White Pine Balsam Fir  106 4139 - Aspen, Canopy Species Bigtooth Aspen Red Maple Red Pine Black/Red (Hybrid) Oak White Oak Black/Red (Hybrid) Oak White Pine  6128 - Lowland	5 10 Mixed Deci % Cover 48 37 4 3 2 5	Sapling/Pole duous Size Class Sapling Sapling Log Log/Pole Log/Pole Sapling Log/Pole	3 Sapling DBH 1 1 16 12 12 1	7 7	Sub-Car Wh Black/Rec Wh Wite Bal	nopy Species nite Oak d (Hybrid) Oak nite Pine ch Hazel	Low Low Low Low	<ul><li>Avg. Height</li><li>5 feet</li><li>5 feet</li><li>5 feet</li><li>5 - 10 feet</li></ul>	Sapling Sapling Sapling Tall Shrub	Cut Spring 2014, left 2 small pine islands and some scattered oak.  broad drainage area, very wet in spots, floodplain of Townline Creek
White Pine Balsam Fir  O6 4139 - Aspen, Canopy Species Bigtooth Aspen Red Maple Red Pine Black/Red (Hybrid) Oak White Oak Black/Red (Hybrid) Oak White Pine  6128 - Lowland	5 10  Mixed Deci  **Cover 48 37 4 3 2 5 1 1  Coniferous, siduous	Sapling/Pole duous Size Class Sapling Sapling Log Log/Pole Log/Pole Sapling Log/Pole Sapling	3 Sapling DBH 1 1 16 12 12 12 1 12 oletimb	7 7	Sub-Car Wh Black/Rec Wh Wite Bal	nopy Species nite Oak d (Hybrid) Oak ite Pine ch Hazel sam Fir	Low Low Low Low	Avg. Height < 5 feet < 5 feet < 5 feet 5 - 10 feet Variable	Sapling Sapling Sapling Tall Shrub	
White Pine Balsam Fir  06 4139 - Aspen, Canopy Species Bigtooth Aspen Red Maple Red Pine Black/Red (Hybrid) Oak White Oak Black/Red (Hybrid) Oak White Pine  07 6128 - Lowland Dec	5 10  Mixed Deci  **Cover 48 37 4 3 2 5 1 1  Coniferous, siduous	Sapling/Pole duous  Size Class Sapling Sapling Log Log/Pole Log/Pole Sapling Log/Pole Sapling Log/Pole Sapling Log/Pole	3 Sapling DBH 1 1 16 12 12 12 1 12 oletimb	7 7 7 er Poo	Sub-Car Wh Black/Rec Wh Witc Bal	nopy Species hite Oak d (Hybrid) Oak hite Pine hich Hazel sam Fir	Low Medium Low Low Trace	Avg. Height < 5 feet < 5 feet < 5 feet 5 - 10 feet Variable	Sapling Sapling Sapling Tall Shrub Sapling	
White Pine Balsam Fir  106 4139 - Aspen, Canopy Species Bigtooth Aspen Red Maple Red Pine Black/Red (Hybrid) Oak White Oak Black/Red (Hybrid) Oak White Pine  107 6128 - Lowland Dec Canopy Species	Mixed Deci  Cover  48  37  4  3  2  5  1  Coniferous, ciduous  Cover	Sapling/Pole Iduous Size Class Sapling Sapling Log Log/Pole Log/Pole Sapling Log/Pole Size Class	3 Sapling DBH 1 1 16 12 12 1 12 oletimb	7 7 7 er Poo	Sub-Car Wh Black/Rec Wh Witc Bal	nopy Species hite Oak d (Hybrid) Oak hite Pine ch Hazel sam Fir  105	Low Medium Low Low Trace  Density	Avg. Height < 5 feet < 5 feet < 5 feet  5 - 10 feet  Variable  N/A  Avg. Height	Sapling Sapling Sapling Tall Shrub Sapling	
White Pine Balsam Fir  106 4139 - Aspen, Canopy Species Bigtooth Aspen Red Maple Red Pine Black/Red (Hybrid) Oak White Oak Black/Red (Hybrid) Oak White Pine  107 6128 - Lowland Dec Canopy Species Red Maple	5 10  Mixed Deci  **Cover* 48 37 4 3 2 5 1 1  Coniferous, iduous  **Cover* 10	Sapling/Pole duous Size Class Sapling Sapling Log Log/Pole Log/Pole Sapling Log/Pole Size Class Pole	3 Sapling DBH 1 16 12 12 1 12 oletimb  DBH 6	7 7 7 er Poo	Sub-Car Wh Black/Rec Wh Witc Bal	nopy Species hite Oak d (Hybrid) Oak hite Pine ch Hazel sam Fir  105	Low Medium Low Low Trace  Density	Avg. Height < 5 feet < 5 feet < 5 feet  5 - 10 feet  Variable  N/A  Avg. Height	Sapling Sapling Sapling Tall Shrub Sapling	
White Pine Balsam Fir  106 4139 - Aspen, Canopy Species Bigtooth Aspen Red Maple Red Pine Black/Red (Hybrid) Oak White Oak Black/Red (Hybrid) Oak White Pine  107 6128 - Lowland Dec Canopy Species Red Maple Paper Birch	5 10  Mixed Deci  **Cover* 48 37 4 3 2 5 1  Coniferous, siduous  **Cover* 10 20	Sapling/Pole iduous Size Class Sapling Sapling Log Log/Pole Log/Pole Sapling Log/Pole Size Class Pole Pole	3 Sapling DBH 1 1 16 12 12 1 12 Oletimb  DBH 6 5	7 7 7 er Poo	Sub-Car Wh Black/Rec Wh Witc Bal	nopy Species hite Oak d (Hybrid) Oak hite Pine ch Hazel sam Fir  105	Low Medium Low Low Trace  Density	Avg. Height < 5 feet < 5 feet < 5 feet  5 - 10 feet  Variable  N/A  Avg. Height	Sapling Sapling Sapling Tall Shrub Sapling	
White Pine Balsam Fir  106 4139 - Aspen, Canopy Species Bigtooth Aspen Red Maple Red Pine Black/Red (Hybrid) Oak White Oak Black/Red (Hybrid) Oak White Pine  107 6128 - Lowland Dec Canopy Species Red Maple Paper Birch Balsam Fir	5 10  Mixed Deci  **Cover* 48 37 4 3 2 5 1  Coniferous, ciduous  **Cover* 10 20 10	Sapling/Pole duous Size Class Sapling Sapling Log Log/Pole Log/Pole Sapling Log/Pole Sapling Pole Sapling Sapl	3 Sapling DBH 1 1 16 12 12 1 12 0letimb  DBH 6 5 5	7 7 7 er Poo	Sub-Car Wh Black/Rec Wh Witc Bal	nopy Species hite Oak d (Hybrid) Oak hite Pine ch Hazel sam Fir  105	Low Medium Low Low Trace  Density	Avg. Height < 5 feet < 5 feet < 5 feet  5 - 10 feet  Variable  N/A  Avg. Height	Sapling Sapling Sapling Tall Shrub Sapling	



Stand	Level 4 Co	over Type		Size De	nsity	Acres	Stand Age I	BA Range	Managed S	Site	General Comments
108	4310 - Pir	ne, Oak Mix	K	Sapling	y Well	56.0	15	Immature	N/A		Cut in 2005. Natural regeneration.
(	Canopy Species	% Cover	Size Class	DBH	l Age						
C	uaking Aspen	25	Sapling	2	15						
Black	/Red (Hybrid) Oak	25	Sapling	1	15						
	Jack Pine	44	Sapling	3	15						
	Pin Cherry	5	Sapling	1							
<u> </u>	Red Pine	1	Sapling	2							
112	4126 - White, B	Black, N. Pi	n Oak	Sawtimb	er Poor	33.0	111	1-50	N/A		Cut spring 2014, left 1 large island of pine in the south portion of the
(	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	stand.
Black	/Red (Hybrid) Oak	75	Log/Pole	12	111	Bigto	oth Aspen	Full	10 - 20 feet	Sapling	
	White Oak	20	Log/Pole	12		Black/Re	d (Hybrid) Oak	Medium	Variable	Sapling	
	White Pine	5	Log/Pole	12		Re	d Maple	Medium	10 - 20 feet	Sapling	
					<u> </u>	WI	nite Pine	Low	Variable	Sapling	
						Wit	ch Hazel	Low	5 - 10 feet	Tall Shrub	
113	42120 - Plan	ited Jack F	Pine	Sapling	y Well	91.7	25	Immature	N/A		
(	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
Black	/Red (Hybrid) Oak	10	Sapling	3	25	Blad	ck Cherry	Low	10 - 20 feet	Sapling	
	Jack Pine	90	Sapling/Pole	e 4	25	Black/Re	d (Hybrid) Oak	Low	10 - 20 feet	Sapling	
114	42110 - Plar	nted Red P	ine	Sawtimb	er Well	32.6	92	81-110	N/A		Originally planted in 1928 then thinned Fall 2015 by removing all jack
(	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	pine, aspen, and red maple
	White Oak	5	Log	14		Black/Re	d (Hybrid) Oak	Medium	Variable	Sapling	
	White Pine	15	Pole/Log	8		WI	nite Pine	Low	Variable	Sapling	
	Red Pine	70	Log/Pole	13	92	Bigto	oth Aspen	Low	5 - 10 feet	Sapling	
Black	/Red (Hybrid) Oak	10	Log/Pole	13		WI	nite Oak	Low	Variable	Sapling	
						Ва	lsam Fir	Trace	Variable	Sapling	
						Re	d Maple	Low	5 - 10 feet	Sapling	
115	330 - Low-D	Density Tre	es	Nonsto	cked	14.2		Immature	No		Cut fall 2015, trenched in 2016, and planted in 2017. First year
						Sub-Ca	nopy Species	Density	Avg. Height	Size	regeneration survey found high amount of natural competition. A mixed objective was acceptable so can not herbicide release. Stand will
					İ	Black/Re	d (Hybrid) Oak	Low	>20 feet	Log	become mixed with primarily natural vegetation. Third year regeneration
						Diackine	a (Hybria) Oar	.	20 1000	9	become mixed with primarily flataral vegetation. Third year regeneration
							d (Hybrid) Oak		< 5 feet	Sapling	check found average 840 TPA of healthy red pine mixed with natural jack
						Black/Re	, ,				check found average 840 TPA of healthy red pine mixed with natural jack pine and oak. Most of the regeneration is not 3 ft. tall yet so the stand is technically not forested. Regeneration of oak, cherry, jack pine, and



Stand Level 4 C	over Type	S	ize De	ensity	Acres	Stand Age B	A Range	Managed S	Site	General Comments
<b>116</b> 42260 - Natural P	ine, Mixed [	Deciduous Sa	awtimb	er Wel	l 57.3	64	111-140	N/A		
Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
Bigtooth Aspen	15	Log/Pole	10		Black/Re	d (Hybrid) Oak	Medium	Variable	Sapling	
Black/Red (Hybrid) Oak	20	Log/Pole	13		Wh	nite Pine	Low	Variable	Sapling	
White Pine	39	Log/Pole/XLog	12	64	Re	d Maple	Low	Variable	Sapling	
Red Pine	15	Log/Pole	12		Pir	n Cherry	Low	Variable	Sapling	
Jack Pine	10	Log/Pole	10	55						-
White Oak	1	Log	14							
<b>117</b> 6113 - Lo	wland Map	le Po	oletimb	er Wel	l 11.7	59	1-50	N/A		lowland with a small alder drainage running through the middle.
Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
Red Maple	79	Pole/Sap/Log	7	59	Ta	ag Alder	High	Variable	Tall Shrub	
Paper Birch	5	Pole	7		Wh	nite Pine	Low	Variable	Sapling	
Quaking Aspen	5	Log/Pole	12						1	1
Northern White Cedar	1	Log/Pole	12							
White Pine	5	XLog/Log	18							
Balsam Fir	5	Pole/Sapling	7							
118 42220 - Na	tural Jack F	Pine S	Sapling	g Well	49.1	26	Immature	N/A		Cut in 1994 and red pine planted in 1995. Natural regeneration has
Canopy Species	% Cover	Size Class	DBH	l Age						dominated the red pine.
Red Pine	10	Sapling/Pole	3	25						
Jack Pine	85	Sapling/Pole	3	26						
Black/Red (Hybrid) Oak	5	Sapling/Pole	3	26						
119 4199 - Other Mixe	ed Upland D	Deciduous S	Sapling	g Well	14.0	15	Immature	N/A		Cut in 2005
Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
Red Maple	10	Sapling	1		WI	nite Pine	Low	< 5 feet	Sapling	
Quaking Aspen	39	Sapling	2	15	Black/Re	d (Hybrid) Oak	Low	Variable	Sapling	
Pin Cherry	10	Sapling	1		,					•
Black/Red (Hybrid) Oak	30	Sapling	2	15						
White Pine	1	Pole/Sapling	7							
Jack Pine	10	Sapling	2							



Stand	Level 4 Cover Type 42210 - Natural Red Pine			Size Density		Acres	Stand Age E	A Range	Managed S	one	General Comments
121	42210 - Nat	ural Red Pi	ine S	Sawtimb	er Well	6.4	115	81-110	N/A		Natural red pine stand with red maple understory just starting to get to pole size, but mostly still sapling. Stand that was thinned in 1994 and
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Car	nopy Species	Density	Avg. Height	Size	2015. Snowmobile trail runs through the stand.
Blad	ck/Red (Hybrid) Oak	5	XLog/Log	18		Red	d Maple	Medium	>20 feet	Sapling	•
	White Pine	1	Log/XLog	14		Quak	ing Aspen	Low	>20 feet	Sapling	
	Red Pine	94	Log	16	115	Northe	ern Pin Oak	Low	Variable	Sapling	
						Wh	nite Pine	Low	Variable	Sapling	
						Blac	ck Cherry	Low	Variable	Sapling	
						Wite	ch Hazel	Low	5 - 10 feet	Tall Shrub	
						Bal	lsam Fir	Trace	10 - 20 feet	Sapling	
						Red	d Maple	Low	>20 feet	Pole	
122	42121 - Planted Deci	Jack Pine, iduous	Mixed	Sapling		54.2	14	Immature	N/A		Planted to jack pine in spring 2007 after cutting in 2004.
	Canopy Species	% Cover	Size Class	DBH	I Age						
	Bigtooth Aspen	10	Sapling	3	17						
	Jack Pine	77	Sapling	2	14						
Blad	ck/Red (Hybrid) Oak	8	Sapling	3	17						
Blad	ck/Red (Hybrid) Oak Black Cherry	8 5	Sapling Sapling	3	17						
124	Black Cherry 4191 - Mixed Upla	5	Sapling			l 11.7	98	81-110	N/A		
	Black Cherry 4191 - Mixed Upla	5 and Decidue onifer % Cover	Sapling	3 Sawtimb			98 nopy Species	81-110 <b>Density</b>	N/A Avg. Height	Size	
124	Black Cherry  4191 - Mixed Upla Co  Canopy Species Red Maple	5 and Decidue onifer % Cover	Sapling ous with Size Class Log/Pole	3 Sawtimb  DBH  10	er Well	Sub-Car				<b>Size</b> Sapling	
124	Black Cherry 4191 - Mixed Upla Co Canopy Species	5 and Deciduo onifer % Cover 19 45	Sapling ous with Size Class Log/Pole Log/Pole	3 Sawtimb  DBH 10 13	er Well	Sub-Car	nopy Species	Density	Avg. Height		
124	Black Cherry  4191 - Mixed Upla Co  Canopy Species Red Maple	5 and Deciduranifer   % Cover   19   45   35	Sapling ous with Size Class Log/Pole	3 Sawtimb  DBH 10 13 10	er Well	Sub-Car	nopy Species d Maple	<b>Density</b> Low	Avg. Height Variable	Sapling	
124	Black Cherry  4191 - Mixed Upla Co  Canopy Species Red Maple ck/Red (Hybrid) Oak	5 and Deciduo onifer % Cover 19 45	Sapling ous with Size Class Log/Pole Log/Pole	3 Sawtimb  DBH 10 13	er Well	Sub-Car	nopy Species d Maple	<b>Density</b> Low	Avg. Height Variable	Sapling	
124	Black Cherry  4191 - Mixed Upla Co  Canopy Species Red Maple ck/Red (Hybrid) Oak White Pine	5 and Deciduration for 19 45 35 1	Sapling ous with Size Class Log/Pole Log/Pole Log/Pole Log/Pole	3 Sawtimb  DBH 10 13 10	er Well  I Age	Sub-Car	nopy Species d Maple	<b>Density</b> Low	Avg. Height Variable	Sapling	Giant beaver dam on the west edge of this stand which created the open water.
<b>124</b>	Black Cherry  4191 - Mixed Upla Co  Canopy Species  Red Maple ck/Red (Hybrid) Oak  White Pine  White Oak  629 - Mixed non	nd Deciduration of the second	Sapling ous with Size Class Log/Pole Log/Pole Log/Pole vetland	DBH 10 13 10 10 Nonsto	er Well    Age   98   98	Sub-Car Rec Wh 6.0	nopy Species d Maple nite Pine	Density Low Medium	Avg. Height Variable Variable No N/A	Sapling Sapling	Giant beaver dam on the west edge of this stand which created the open water.
124 Blace	Black Cherry  4191 - Mixed Upla Co  Canopy Species  Red Maple ck/Red (Hybrid) Oak  White Pine  White Oak  629 - Mixed non  4133 - Aspe  Canopy Species	and Deciduonifer  **Cover* 19 45 35 1  a-forested w  en, Mixed P  **Cover*	Sapling ous with Size Class Log/Pole Log/Pole Log/Pole vetland ine Fize Class	DBH 10 13 10 10 Nonsto	er Well 98 9cked er Well	Sub-Car Rec Wh 6.0	nopy Species d Maple nite Pine  36 nopy Species	Density  Low  Medium  Density	Avg. Height Variable Variable No N/A Avg. Height	Sapling Sapling	
124 Blace	Black Cherry  4191 - Mixed Upla Co  Canopy Species  Red Maple ck/Red (Hybrid) Oak  White Pine  White Oak  629 - Mixed non  4133 - Aspe  Canopy Species  Quaking Aspen	mand Deciduration of the second of the secon	Sapling ous with Size Class Log/Pole Log/Pole Log/Pole vetland ine Figure Size Class Pole/Sapling	3     3	er Well    Age   98   98	Sub-Car  Rec Wh  6.0  17.2  Sub-Car  Black/Rec	nopy Species d Maple nite Pine  36 nopy Species d (Hybrid) Oak	Density  Low  Medium  Density  Low  Low	Avg. Height Variable Variable No N/A Avg. Height Variable	Sapling Sapling Size Sapling	
124 Blace	Black Cherry  4191 - Mixed Upla Co  Canopy Species  Red Maple ck/Red (Hybrid) Oak  White Pine  White Oak  629 - Mixed non  4133 - Aspe  Canopy Species  Quaking Aspen  White Pine	and Deciduranifer  **Cover* 19 45 35 1  an-forested w  an, Mixed P  **Cover* 60 15	Sapling ous with Size Class Log/Pole Log/Pole Log/Pole vetland ine Size Class Pole/Sapling Log/Pole	3     3	er Well 98 9cked er Well	Sub-Car Rec Wh  6.0  17.2  Sub-Car Black/Rec	nopy Species d Maple nite Pine  36 nopy Species d (Hybrid) Oak	Density  Low  Medium  Density  Low  Low  Low	Avg. Height Variable Variable No N/A Avg. Height Variable Variable	Sapling Sapling Size Sapling Sapling	
124 Blace	Black Cherry  4191 - Mixed Upla Co  Canopy Species  Red Maple ck/Red (Hybrid) Oak  White Pine  White Oak  629 - Mixed non  4133 - Aspe  Canopy Species  Quaking Aspen  White Pine  Red Pine	and Deciduration of the second	Sapling ous with Size Class Log/Pole Log/Pole Log/Pole vetland ine Size Class Pole/Sapling Log/Pole Log/Pole	3     3	er Well 98 9cked er Well	Sub-Car Rec Wh  6.0  1 17.2  Sub-Car Black/Rec Pin Wh	nopy Species d Maple nite Pine  36 nopy Species d (Hybrid) Oak n Cherry nite Oak	Density  Density  Low  Low  Low  Trace	Avg. Height Variable Variable No N/A Avg. Height Variable Variable Variable Variable	Sapling Sapling Size Sapling Sapling Sapling Sapling	
124 Blace	Black Cherry  4191 - Mixed Upla Co  Canopy Species Red Maple ck/Red (Hybrid) Oak White Pine White Oak  629 - Mixed non  4133 - Aspe  Canopy Species Quaking Aspen White Pine Red Pine Jack Pine	5 and Deciduonifer  **Cover* 19 45 35 1 an-forested w  **En, Mixed P  **Cover* 60 15 3 8	Sapling ous with Size Class Log/Pole Log/Pole Log/Pole vetland ine Size Class Pole/Sapling Log/Pole Log/Pole	3   Sawtimb	er Well 98 9cked er Well	Sub-Car Rec Wh  6.0  17.2  Sub-Car Black/Rec Pin Wh Rec	nopy Species d Maple nite Pine  36 nopy Species d (Hybrid) Oak n Cherry nite Oak ed Pine	Density  Low  Medium  Density  Low  Low  Low	Avg. Height Variable Variable No N/A Avg. Height Variable Variable Variable Variable Variable	Sapling Sapling Size Sapling Sapling Sapling Sapling Sapling	
124 Blac 125 126	Black Cherry  4191 - Mixed Upla Co  Canopy Species  Red Maple ck/Red (Hybrid) Oak  White Pine  White Oak  629 - Mixed non  4133 - Aspe  Canopy Species  Quaking Aspen  White Pine  Red Pine	and Deciduration of the second	Sapling ous with Size Class Log/Pole Log/Pole Log/Pole vetland ine Size Class Pole/Sapling Log/Pole Log/Pole	3     3	er Well 98 9cked er Well	Sub-Car Rec Wh  6.0  17.2  Sub-Car Black/Rec Pin Wh Rec	nopy Species d Maple nite Pine  36 nopy Species d (Hybrid) Oak n Cherry nite Oak	Density  Density  Low  Low  Low  Trace	Avg. Height Variable Variable No N/A Avg. Height Variable Variable Variable Variable	Sapling Sapling Size Sapling Sapling Sapling Sapling	



Stand	Level 4 Co	ver Type		Size De	nsity	Acres	Stand Age E	BA Range	Managed S	Site	General Comments
127	4191 - Mixed Upla Co	nd Decidu nifer	ous with P	oletimb	er Well	36.8	60	81-110	N/A		
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Cai	nopy Species	Density	Avg. Height	Size	
	Red Maple	33	Pole/Sap/Log	7	60	Re	d Maple	Low	Variable	Sapling	
	Quaking Aspen	29	Log/Pole	12		Wh	ite Pine	Low	Variable	Sapling	
	White Pine	15	Log/Pole	10		Та	g Alder	Low	Variable	Tall Shrub	
	Jack Pine	5	Log/Pole	10		Bal	lsam Fir	Low	Variable	Sapling	
	White Oak	3	Log/Pole	10	98						-
Blac	k/Red (Hybrid) Oak	12	Log/Pole	12	98						
	Tamarack	1	Log/Pole	10							
	Balsam Fir	1	Pole/Log	8							
	Black Spruce	1	Pole/Log	8							
131	4130 -	Aspen		Sapling	g Well	26.2	17	Immature	N/A		
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
	Bigtooth Aspen	75	Sapling/Pole	4	17	Black/Red	d (Hybrid) Oak	Medium	Variable	Sapling	
	Pin Cherry	5	Sapling	3		Wh	nite Oak	Low	5 - 10 feet	Sapling	
	Quaking Aspen	5	Sapling/Pole	4		Re	d Maple	Low	10 - 20 feet	Sapling	
Blac	k/Red (Hybrid) Oak	5	Sapling	3		Ja	ck Pine	Low	Variable	Sapling	
	Jack Pine	10	Sapling	3		Wite	ch Hazel	Low	5 - 10 feet	Tall Shrub	
132	629 - Mixed non	-forested v	vetland	Nonsto	ocked	24.0			No		
133	42220 - Natu			Sapling		25.0	17	Immature	N/A		Cut in 2004 and red pine planted 2006 but natural jack pine has dominated for the most part.
	Canopy Species		Size Class		l Age						asimilated for the most part
	Red Pine	30	Sapling	1	15						
	Jack Pine	60	Sapling	2	17						
Blac	k/Red (Hybrid) Oak	10	Sapling	2	17						
134	629 - Mixed non	-forested v	vetland	Nonst	ocked	21.8		Immature	No		
136	4199 - Other Mixed	d Upland D	eciduous P	oletimb	er Well	6.0	36	1-50	N/A		Natural jack pine and oak pole timber resulting from a 4" spec. cut in
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Car	nopy Species	Density	Avg. Height	Size	1984. South end is heavier to aspen and north end is heavier to oak and jack pine.
	Quaking Aspen	32	Pole/Sapling	6	36	Northe	ern Pin Oak	Medium	Variable	Sapling	, '
	White Pine	3	Log/Pole	10		Pin	Cherry	Low	Variable	Sapling	
	Jack Pine	15	Pole/Sapling	5	36	Wh	ite Pine	Trace	Variable	Sapling	
Blac	k/Red (Hybrid) Oak	43	Pole/Log/Sap	7	36						
	Red Maple	2	Pole/Sap/Log	7							
	Bigtooth Aspen										



Stand	Level 4 Co	over Type	S	Size De	nsity	Acres	Stand Age B	A Range	Managed S	ite	General Comments
137	4130	- Aspen	Sa	apling I	Mediun	n 22.6	17	mmature	N/A		Cut in 2004.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
	Red Maple	5	Sapling	2	17	Black/Red	d (Hybrid) Oak	Low	5 - 10 feet	Sapling	
	Quaking Aspen	60	Sapling	3	17	Ja	ck Pine	Low	5 - 10 feet	Sapling	
Blac	ck/Red (Hybrid) Oak	15	Sapling	2	17						
	Jack Pine	10	Sapling	2	17						
	Pin Cherry	5	Sapling	2							
	Bigtooth Aspen	5	Sapling	3							
138	42120 - Plan	nted Jack P	ine	Saplino	g Well	28.2	25	mmature	N/A		Cut 1995 and planted to jack pine in 1996.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
Blac	ck/Red (Hybrid) Oak		Sapling/Pole	3	26	Black/Red	d (Hybrid) Oak	Low	Variable	Sapling	
	Jack Pine	80	Sapling/Pole	3	25	Re	ed Pine	Low	Variable	Sapling	
	Red Pine	10	Sapling	2			ck Pine	Low	Variable	Sapling	
139	6129 - Mixed Co Fo	oniferous Lo	owland Sa	awtimb		II 21.7	101	81-110	N/A		Red maple and white pine are in the east finger.
139	6129 - Mixed Co Fo	oniferous Lo orest % Cover	owland Sa	awtimb DBH	er We	II 21.7	101	81-110  Density	N/A Avg. Height	Size	Red maple and white pine are in the east finger.
139	6129 - Mixed Co Fo Canopy Species Red Maple	oniferous Lo prest  **Cover**  15	owland Sa Size Class Log/Pole	DBH		Sub-Car	101 nopy Species Isam Fir	81-110  Density  Low	N/A  Avg. Height  Variable	Size Sapling	Red maple and white pine are in the east finger.
	6129 - Mixed Co Fo Canopy Species Red Maple Balsam Fir	oniferous Loprest  % Cover  15 10	owland Si Size Class Log/Pole Pole/Sapling	DBH 12 5	I Age	Sub-Car	101 nopy Species Isam Fir	81-110  Density  Low  Medium	N/A  Avg. Height  Variable  5 - 10 feet	Size Sapling Tall Shrub	Red maple and white pine are in the east finger.
	6129 - Mixed Co Fo Canopy Species Red Maple Balsam Fir rthern White Cedar	moniferous Lobrest  Cover  15  10  31	Size Class Log/Pole Pole/Sapling Log/Pole	DBH 12 5 10		Sub-Car Ba Ta Re	101 nopy Species Isam Fir g Alder d Maple	81-110  Density  Low  Medium  Low	N/A  Avg. Height  Variable  5 - 10 feet  Variable	Size Sapling Tall Shrub Sapling	Red maple and white pine are in the east finger.
	6129 - Mixed Co Fo Canopy Species Red Maple Balsam Fir rthern White Cedar White Pine	conferous Looprest  Cover  15  10  31  3	owland Sa Size Class Log/Pole Pole/Sapling Log/Pole XLog/Log	DBH 12 5 10 18	I Age	Sub-Car Ba Ta Re	101 nopy Species Isam Fir	81-110  Density  Low  Medium	N/A  Avg. Height  Variable  5 - 10 feet	Size Sapling Tall Shrub	Red maple and white pine are in the east finger.
	6129 - Mixed Co Fo Canopy Species Red Maple Balsam Fir rthern White Cedar	moniferous Lobrest  Cover  15  10  31	owland Sa Size Class Log/Pole Pole/Sapling Log/Pole XLog/Log Pole/Log	DBH 12 5 10	I Age	Sub-Car Ba Ta Re	101 nopy Species Isam Fir g Alder d Maple	81-110  Density  Low  Medium  Low	N/A  Avg. Height  Variable  5 - 10 feet  Variable	Size Sapling Tall Shrub Sapling	Red maple and white pine are in the east finger.
Noi	6129 - Mixed Co Fo Canopy Species Red Maple Balsam Fir rthern White Cedar White Pine Tamarack	moniferous Looprest  % Cover  15 10 31 3 20	owland Sa Size Class Log/Pole Pole/Sapling Log/Pole XLog/Log	DBH 12 5 10 18	I Age	Sub-Car Ba Ta Re	101 nopy Species Isam Fir g Alder d Maple	81-110  Density  Low  Medium  Low	N/A  Avg. Height  Variable  5 - 10 feet  Variable	Size Sapling Tall Shrub Sapling	Red maple and white pine are in the east finger.
Noi	6129 - Mixed Co Fo Canopy Species Red Maple Balsam Fir rthern White Cedar White Pine Tamarack Black Spruce	oniferous Loorest  **Cover** 15 10 31 3 20 20 1	Size Class Log/Pole Pole/Sapling Log/Pole XLog/Log Pole/Log Pole/Log Log	DBH 12 5 10 18 9 8	1 Age	Sub-Car Ba Ta Re	101 nopy Species Isam Fir ng Alder d Maple per Birch	81-110  Density  Low  Medium  Low	N/A  Avg. Height  Variable  5 - 10 feet  Variable	Size Sapling Tall Shrub Sapling	Cut 1995 and FTP says planted to jack pine in 1996. It is possible red
Noi	6129 - Mixed Co Formal Formal	% Cover	Size Class Log/Pole Pole/Sapling Log/Pole XLog/Log Pole/Log Pole/Log Log	DBH 12 5 10 18 9 8 12 Sapling	1 Age	Sub-Car Ba Ta Re Par	nopy Species Isam Fir Ig Alder d Maple Der Birch	81-110  Density  Low  Medium  Low  Trace	N/A  Avg. Height  Variable  5 - 10 feet  Variable  >20 feet	Size Sapling Tall Shrub Sapling	Cut 1995 and FTP says planted to jack pine in 1996. It is possible red pine was inter interplanted because there is slot of red pine in what look
Noi	6129 - Mixed Co Formal Concepts Red Maple Balsam Fir rthern White Cedar White Pine Tamarack Black Spruce Quaking Aspen	## Cover	Size Class Log/Pole Pole/Sapling Log/Pole XLog/Log Pole/Log Pole/Log Log	DBH 12 5 10 18 9 8 12 Sapling	101	Sub-Car Ba Ta Re Par	nopy Species Isam Fir Ig Alder d Maple Der Birch	81-110  Density  Low  Medium  Low  Trace	N/A  Avg. Height  Variable  5 - 10 feet  Variable  >20 feet	Size Sapling Tall Shrub Sapling	Cut 1995 and FTP says planted to jack pine in 1996. It is possible red
Noi	6129 - Mixed Co Formal Concepts  Red Maple  Balsam Fir  rthern White Cedar  White Pine  Tamarack  Black Spruce  Quaking Aspen  42140 - Plant  Canopy Species	## Cover	owland Si  Size Class  Log/Pole  Pole/Sapling  Log/Pole  XLog/Log  Pole/Log  Pole/Log  Log  Pole/Log  Size Class	DBH 12 5 10 18 9 8 12 Sapling	101 g Well	Sub-Car Ba Ta Re Par	nopy Species Isam Fir Ig Alder d Maple Der Birch	81-110  Density  Low  Medium  Low  Trace	N/A  Avg. Height  Variable  5 - 10 feet  Variable  >20 feet	Size Sapling Tall Shrub Sapling	Cut 1995 and FTP says planted to jack pine in 1996. It is possible red pine was inter interplanted because there is slot of red pine in what look
Noi	6129 - Mixed Co Formal Formal	oniferous Loorest  **Cover**   15	Size Class Log/Pole Pole/Sapling Log/Pole XLog/Log Pole/Log Pole/Log Size Class Sapling/Pole	DBH 12 5 10 18 9 8 12 Sapling DBH 3	101 g Well	Sub-Car Ba Ta Re Par	nopy Species Isam Fir Ig Alder d Maple Der Birch	81-110  Density  Low  Medium  Low  Trace	N/A  Avg. Height  Variable  5 - 10 feet  Variable  >20 feet	Size Sapling Tall Shrub Sapling	Cut 1995 and FTP says planted to jack pine in 1996. It is possible red pine was inter interplanted because there is slot of red pine in what look



Level 4 Co	ver Type	Si	ize De	nsity	Acres Stand Age B	A Range	Managed S	Site	General Comments
6139 - Mixed L	₋owland Fo	orest Po	letimb	er Wel	I 25.4 98	141-170	N/A		Two-track goes into south end of stand onto a 2-3 acre peninsula of high ground with xlog white and red pine. The rest of stand is a series of
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	upland ridges and lowland swales.
Red Maple	23	Log/Pole/Sap	10	98	Balsam Fir	Medium	Variable	Sapling	
Paper Birch	5	Pole	6		White Pine	Medium	Variable	Sapling	
Quaking Aspen	5	Pole/Log	8		Tag Alder	Low	10 - 20 feet	Tall Shrub	
Balsam Fir	12	Pole/Sapling	7		Red Maple	Low	>20 feet	Sapling	
rthern White Cedar	5	Log/Pole	10	98					
White Pine	23	Log/Pole/XLog	10	55					
ck/Red (Hybrid) Oak	10	Pole/Log	9						
Red Pine	1	XLog/Log/Pole	18						
Black Spruce	13	Pole/Log	8						
White Oak	3	Log	12						
					2.4		No N/A		
	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Ava. Heiaht	Size	
Red Pine	3				White Oak	Low	Variable		
Jack Pine	12	Pole	7		White Pine	Low	Variable		
ck/Red (Hybrid) Oak		Pole/Sapling	6		Black Cherry	Low	Variable		
White Pine	5		10		Witch Hazel	Low	5 - 10 feet		
Black Cherry	5		4						
•			5						
White Oak	2	Pole/Log	8						
	•						N/A		
					• • • • • • • • • • • • • • • • • • • •				
	-								
				26					
Red Maple	5	Sapling/Pole	4		White Oak			Sapling	
Quaking Aspen	10	Sapling/Pole	4		Black/Red (Hybrid) Oak	Low	Variable	Sapling	
Quaking Aspen 6225				ocked	( ) /	Low	Variable No	Sapling	
			4	ocked	( ) /			Sapling Size	
	Canopy Species Red Maple Paper Birch Quaking Aspen Balsam Fir orthern White Cedar White Pine ck/Red (Hybrid) Oak Red Pine Black Spruce White Oak  629 - Mixed non- 4133 - Asper  Canopy Species Bigtooth Aspen Red Pine Jack Pine ck/Red (Hybrid) Oak White Pine Black Cherry Quaking Aspen White Oak	6139 - Mixed Lowland F  Canopy Species  % Cover  Red Maple	Canopy Species % Cover Size Class Red Maple 23 Log/Pole/Sap Paper Birch 5 Pole Quaking Aspen 5 Pole/Log Balsam Fir 12 Pole/Sapling orthern White Cedar 5 Log/Pole White Pine 23 Log/Pole/XLog ck/Red (Hybrid) Oak 10 Pole/Log Black Spruce 13 Pole/Log White Oak 3 Log  629 - Mixed non-forested wetland  4133 - Aspen, Mixed Pine Po Canopy Species % Cover Size Class Bigtooth Aspen 5 Log/Pole Black Cherry 5 Sapling/Pole Black Cherry 5 Sapling/Pole Canopy Species % Cover Size Class White Oak 13 Pole/Sapling White Pine 5 Log/Pole Black Cherry 5 Sapling/Pole Quaking Aspen 5 Pole/Sapling White Oak 2 Pole/Log  4130 - Aspen Po Canopy Species % Cover Size Class Bigtooth Aspen 5 Pole/Sapling White Oak 2 Pole/Log  4130 - Aspen Po Canopy Species % Cover Size Class Bigtooth Aspen 5 Pole/Sapling White Oak 2 Pole/Log  4130 - Aspen Po Canopy Species % Cover Size Class Bigtooth Aspen 5 Sapling/Pole Sapling/Pole Sapling/Pole Sapling/Pole Sapling/Pole Sapling/Pole Sapling/Pole	Canopy Species   Cover   Size Class   DBH	Canopy Species         % Cover Size Class         DBH Age           Red Maple         23 Log/Pole/Sap         10 98           Paper Birch         5 Pole         6           Quaking Aspen         5 Pole/Log         8           Balsam Fir         12 Pole/Sapling         7           orthern White Cedar         5 Log/Pole         10 98           White Pine         23 Log/Pole/XLog         10 55           ck/Red (Hybrid) Oak         10 Pole/Log         9           Red Pine         1 XLog/Log/Pole         18           Black Spruce         13 Pole/Log         8           White Oak         3 Log         12           629 - Mixed non-forested wetland         Nonstocked           Canopy Species         ** Cover Size Class         DBH Age           Bigtooth Aspen         55 Pole/Sapling         7 42           Red Pine         3 Log/Pole         12           Jack Pine         12 Pole         7           ck/Red (Hybrid) Oak         13 Pole/Sapling         6           White Pine         5 Log/Pole         10           Black Cherry         5 Sapling/Pole         4           Quaking Aspen         5 Pole/Sapling         5           White Oa	Canopy Species   Cover   Size Class   DBH   Age   Red Maple   23   Log/Pole/Sap   10   98   Balsam Fir	Canopy Species   Cover   Size Class   DBH   Age   Red Maple   23   Log/Pole/Sap   10   98   Balsam Fir   Medium   Medium   Tag Alder   Low   Red Maple   23   Log/Pole/Sapling   7   Dole/Sapling   7   D	Canopy Species   W   Cover   Size Class   DBH   Age   Red Maple   23   Log/Pole/Sap   10   98   Mhite Pine   24   Mixed   Low   25   Mixed   Mixed	Canopy Species



Stand	Level 4 Co	over Type	Si	ize De	nsity	Acres	Stand Age I	3A Range	Managed S	ite	General Comments
146	42220 - Natu	ural Jack P	ine Po	letimb	er Wel	1 24.0	42	51-80	N/A		4" spec cut in 1978.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
Blac	ck/Red (Hybrid) Oak	4	Pole/Sapling	7		Black/Re	d (Hybrid) Oal	Low	Variable	Sapling	
	Red Pine	25	Log/Pole	13	91	Ja	ick Pine	Low	Variable	Sapling	
	Jack Pine	70	Pole/Sap/Log	7	42	Wh	nite Pine	Low	Variable	Sapling	
	White Pine	1	Log	14							
147	42290 - Natu	ıral Mixed F	Pine S	Sapling	y Well	21.1	17	Immature	N/A		Cut in 2004 and planted to red pine in 2006 but natural jack pine has
	Canopy Species	% Cover	Size Class	DBH	Age						dominated.
	Quaking Aspen	3	Sapling	3	17						
Blac	ck/Red (Hybrid) Oak	5	Sapling	2	17						
	Red Pine	35	Sapling	2	15						
	Jack Pine	55	Sapling	3	17						
	Pin Cherry	2	Sapling	3							
148	4139 - Aspen, N	Mixed Deci	duous S	Sapling		19.8		Immature	N/A	Si-a	Cut 2005.
	4139 - Aspen, N	Mixed Deci	duous S	Sapling DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Cut 2005.
	4139 - Aspen, N Canopy Species Red Maple	Mixed Deci  Cover  12	duous S Size Class Sapling	Sapling  DBH	17	Sub-Car Black/Re	nopy Species d (Hybrid) Oak	Density Low	Avg. Height Variable	Sapling	Cut 2005.
	4139 - Aspen, N Canopy Species Red Maple Quaking Aspen	Mixed Deci % Cover 12 48	duous S Size Class Sapling Sapling	Sapling  DBH  3	17 17	Sub-Car Black/Re	nopy Species d (Hybrid) Oak ed Pine	Density Low Low	Avg. Height Variable 5 - 10 feet	Sapling Sapling	Cut 2005.
	4139 - Aspen, Manager Aspen, Manager Aspen Red Maple Quaking Aspen Ck/Red (Hybrid) Oak	Mixed Deci  **Cover**   12	duous S Size Class Sapling Sapling Sapling	Sapling  DBH  3 2 2	17 17 17	Sub-Car Black/Red Re	nopy Species d (Hybrid) Oak ed Pine nite Pine	Density Low Low Low	Avg. Height Variable 5 - 10 feet 5 - 10 feet	Sapling Sapling Sapling	Cut 2005.
	4139 - Aspen, Management Aspens Red Maple Quaking Aspen ck/Red (Hybrid) Oak Jack Pine	Mixed Deci  **Cover** 12 48 15 10	duous S Size Class Sapling Sapling Sapling Sapling Sapling	DBH 3 2 2 3	17 17	Sub-Cal Black/Red Re Wh	nopy Species d (Hybrid) Oak ed Pine nite Pine llsam Fir	Low Low Trace	Avg. Height Variable 5 - 10 feet 5 - 10 feet 5 - 10 feet	Sapling Sapling Sapling Sapling	Cut 2005.
Blac	4139 - Aspen, Management Andrews Aspen Red Maple Quaking Aspen Ck/Red (Hybrid) Oak Jack Pine Pin Cherry	Mixed Deci  **Cover**   12	duous S Size Class Sapling Sapling Sapling Sapling Sapling Sapling Sapling	Sapling  DBH  3 2 2 3 2	17 17 17	Sub-Cal Black/Red Re Wh	nopy Species d (Hybrid) Oak ed Pine nite Pine	Density Low Low Low	Avg. Height Variable 5 - 10 feet 5 - 10 feet	Sapling Sapling Sapling	Cut 2005.
Blac	4139 - Aspen, Management Aspens Red Maple Quaking Aspen ck/Red (Hybrid) Oak Jack Pine	Mixed Deci  **Cover** 12 48 15 10 5	duous S Size Class Sapling Sapling Sapling Sapling Sapling	DBH 3 2 2 3	17 17 17	Sub-Cal Black/Red Re Wh	nopy Species d (Hybrid) Oak ed Pine nite Pine llsam Fir	Low Low Trace	Avg. Height Variable 5 - 10 feet 5 - 10 feet 5 - 10 feet	Sapling Sapling Sapling Sapling	Cut 2005.
Blac	4139 - Aspen, M Canopy Species Red Maple Quaking Aspen ck/Red (Hybrid) Oak Jack Pine Pin Cherry Bigtooth Aspen	Mixed Deci  **Cover**   12	duous S Size Class Sapling	3 2 2 3 2 4 2	17 17 17	Sub-Cai Black/Red Red Wh Bai Jai	nopy Species d (Hybrid) Oak ed Pine nite Pine llsam Fir	Low Low Trace	Avg. Height Variable 5 - 10 feet 5 - 10 feet 5 - 10 feet	Sapling Sapling Sapling Sapling	White pine sawtimber with oak, jack pine, and cherry coming in from cut
Blace 149	4139 - Aspen, M Canopy Species Red Maple Quaking Aspen ck/Red (Hybrid) Oak Jack Pine Pin Cherry Bigtooth Aspen Red Pine	Mixed Deci  **Cover**   12	duous S Size Class Sapling	Sapling  DBH  3 2 2 3 2 4 2 wwtimb	17 17 17 17 17	Sub-Car Black/Ree Re Wh Ba Ja	nopy Species d (Hybrid) Oaled Pine nite Pine llsam Fir	Low Low Trace Low	Avg. Height  Variable 5 - 10 feet 5 - 10 feet 5 - 10 feet Variable	Sapling Sapling Sapling Sapling	
Blacc 149	4139 - Aspen, Management of the Aspen of the	Mixed Deci  **Cover**   12	duous S Size Class Sapling	Sapling  DBH  3 2 2 3 2 4 2 wwtimb	17 17 17 17	Sub-Can Black/Red Wh Ba Ja	nopy Species d (Hybrid) Oak ed Pine nite Pine Ilsam Fir nck Pine	Low Low Trace Low	Avg. Height Variable 5 - 10 feet 5 - 10 feet 5 - 10 feet Variable  N/A	Sapling Sapling Sapling Sapling Sapling Sapling	White pine sawtimber with oak, jack pine, and cherry coming in from cut
Blacc 149	4139 - Aspen, Management of the Aspen of the	Mixed Deci  **Cover**   12	duous S Size Class Sapling Pine Sapling	Sapling  DBH  3 2 2 3 2 4 2 wwtimb	17 17 17 17 17	Sub-Car Black/Res Wh Ba Ja	nopy Species d (Hybrid) Oak ed Pine nite Pine llsam Fir nck Pine	Low Low Low Trace Low  81-110 Density	Avg. Height Variable 5 - 10 feet 5 - 10 feet 5 - 10 feet Variable  N/A  Avg. Height	Sapling Sapling Sapling Sapling Sapling Sapling	White pine sawtimber with oak, jack pine, and cherry coming in from cut
Blacc 149	4139 - Aspen, Management of the Aspen of the	Mixed Deci  **Cover**   12	duous S Size Class Sapling Pine Sapling Sapling Sapling Sapling	DBH 3 2 2 3 2 4 2 2 wwtimb	17 17 17 17 17 17	Sub-Cai Black/Rei Rei Wh Ba Ja  I 19.1  Sub-Cai Northe Ja	nopy Species d (Hybrid) Oak ed Pine nite Pine llsam Fir nck Pine	Low Low Low Trace Low  81-110 Density Medium	Avg. Height Variable 5 - 10 feet 5 - 10 feet 5 - 10 feet Variable  N/A  Avg. Height Variable	Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling Size Sapling Sapling	White pine sawtimber with oak, jack pine, and cherry coming in from cut
Blacc 149	4139 - Aspen, Management of the Aspen of the	Mixed Deci  **Cover**   12	duous S Size Class Sapling Cine Sa Size Class Log/Pole Log/Pole	3 2 2 3 2 4 2 2 wwtimb 10 12	17 17 17 17 17 17 18 er Well	Sub-Car Black/Red Wh Ba Ja I 19.1 Sub-Car Northe Ja Pir	nopy Species d (Hybrid) Oaled Pine nite Pine llsam Fir nck Pine  59  nopy Species ern Pin Oak nck Pine	Low Low Low Trace Low  81-110 Density Medium Low	Avg. Height Variable 5 - 10 feet 5 - 10 feet Variable Variable  N/A  Avg. Height Variable  Variable	Sapling	White pine sawtimber with oak, jack pine, and cherry coming in from cut
Blace 149	4139 - Aspen, M Canopy Species Red Maple Quaking Aspen ck/Red (Hybrid) Oak Jack Pine Pin Cherry Bigtooth Aspen Red Pine  42200 - Natu Canopy Species Bigtooth Aspen White Pine Jack Pine	Mixed Deci  **Cover**   12	duous S Size Class Sapling Sapling Sapling Sapling Sapling Sapling Sapling Pole Sapling Sapling Sapling Sapling Pole Sapling Pine Sa Size Class Log/Pole Log/Pole Pole/Sap/Log	3 2 2 3 2 4 2 2 wtimb 10 12 6	17 17 17 17 17 17 18 er Well	Sub-Can Black/Red Wh Ba Ja  I 19.1  Sub-Can Northe Ja Pir Wh	nopy Species d (Hybrid) Oak ed Pine nite Pine alsam Fir ack Pine  59  nopy Species ern Pin Oak ack Pine	Low Low Trace Low  81-110  Density  Medium Low Low	Avg. Height Variable 5 - 10 feet 5 - 10 feet Variable  N/A  Avg. Height Variable  Variable  Variable	Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling Size Sapling Sapling	White pine sawtimber with oak, jack pine, and cherry coming in from cut



Stand	Level 4 Co	over Type	;	Size De	nsity	Acres Stand Age	BA Range	Managed S	Site	General Comments	- MICHIGAN
150	4130 -	- Aspen		Sapling	y Well	13.7 26	Immature	N/A		Cut in 1995	
Ca	anopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy Species	Density	Avg. Height	Size		
Biç	gtooth Aspen	95	Sapling/Pole	4	26	Black/Red (Hybrid) Oal	k Low	Variable	Sapling		
Black/F	Red (Hybrid) Oak	3	Sapling	3	26	White Oak	Low	Variable	Sapling		
l	Red Maple	2	Sapling	3		Witch Hazel	Medium	5 - 10 feet	Tall Shrub		
						White Pine	Low	Variable	Sapling		
						Jack Pine	Low	>20 feet	Sapling		
						Red Pine	Low	Variable	Sapling		
						Red Maple	Low	Variable	Sapling		
151	4311 - Pine	e, Aspen M	ix	Sapling	y Well	20.8 17	Immature	N/A		Most of the aspen is in the southeast portion of the stand.	
Ca	anopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy Species	s Density	Avg. Height	Size		
,	gtooth Aspen	33	Sapling	3	17	Black/Red (Hybrid) Oal	k Medium	< 5 feet	Sapling		
	Jack Pine	43	Sapling	2	17						
Black/F	Red (Hybrid) Oak	22	Sapling	3	17						
В	Black Cherry	2	Sapling	2							
152	4133 - Aspe	n, Mixed P	ine P	oletimb	er Wel	I 31.8 36 U	Unspecified	N/A			
Ca	anopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy Species	s Density	Avg. Height	Size		
Big	gtooth Aspen	70	Pole/Sap/Log	7	36	Black/Red (Hybrid) Oal	k Low	Variable	Sapling		
Black/F	Red (Hybrid) Oak	5	Pole/Sap/Log		36	Jack Pine	Low	Variable	Sapling		
1	White Pine	8	Log/Pole	12		White Pine	Low	Variable	Sapling		
	Red Pine	12	Log	12		Pin Cherry	Low	>20 feet	Sapling		
	Jack Pine	4	Pole/Sapling	6		Witch Hazel	High	10 - 20 feet	Tall Shrub		
	Red Maple	1	Log/Pole	12		White Oak	Low	10 - 20 feet	Sapling		
153	42120 - Plan	ited Jack P	ine	Sapling	y Well	9.7 15	Immature	N/A		Cut 2004 and planted to jack pine in 2006.	
Ca	anopy Species	% Cover	Size Class	DBH	l Age						
Black/F	Red (Hybrid) Oak	10	Sapling	3	17						
	Jack Pine	85	Sapling	3	15						
	Pin Cherry	5	Sapling	2							
155	4310 - Pin	ne, Oak Mix	c Pol	etimbe	· Mediu	ım 22.0 36	51-80	N/A			
Ca	anopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	s Density	Avg. Height	Size		
Biç	gtooth Aspen	10	Pole/Sap/Log	6	36	Black/Red (Hybrid) Oal	k Medium	Variable	Pole		
	D 1 /       -   -   -   -   -   -   -   -	28	Pole/Sap/Log	7	36	Jack Pine	Medium	Variable	Sapling		
Black/l	Red (Hybrid) Oak		1 1 3								
	White Pine	15	Log/Pole	10		White Oak	Medium	Variable	Sapling		
1						White Oak	Medium	Variable	Sapling		
\	White Pine	15	Log/Pole	10 10	36	White Oak	Medium	Variable	Sapling		



Stand	Level 4 Co	over Type	;	Size De	ensity	Acres	S Stand Ag	e BA Rang	e Managed	Site	General Comments
156	4130	- Aspen		Saplin	g Well	8.2	17	Immatur	e N/A	۸	Cut 2004.
C	anopy Species	% Cover	Size Class	DBH	l Age	Sub-0	Canopy Spec	ies Dens	ity Avg. Height	Size	
Bi	gtooth Aspen	63	Sapling	3	17	Black/F	Red (Hybrid)	Oak Lov	v 5 - 10 feet	Sapling	
	Pin Cherry	3	Sapling	1							
Black/l	Red (Hybrid) Oak	15	Sapling	3	17						
	Red Maple	2	Sapling	2							
Qı	uaking Aspen	15	Sapling	2							
	Jack Pine	2	Sapling	2							
157	4130	- Aspen		Sapling	g Well	24.1	26	Immatur	e N/A	Λ.	Cut in 1995.
C	anopy Species	% Cover	Size Class	DBH	l Age	Sub-0	Canopy Spec	cies Dens	ity Avg. Height	Size	]
Bi	gtooth Aspen	80	Sapling	2	26	Nor	thern Pin Oal	k Lov	w Variable	Sapling	
Pin (	Oak (Southern)	20	Sapling	2	26						_
158	4130	- Aspen	P	Poletimb	er We	ll 21.1	36	Unspecifie	ed N/A	١	
C	anopy Species	% Cover	Size Class	DBH	H Age	Sub-0	Canopy Spec	cies Dens	ity Avg. Height	Size	
Bi	gtooth Aspen	80	Pole/Sapling	7	36	Black/F	Red (Hybrid)	Oak Lov	w Variable	Sapling	
Black/l	Red (Hybrid) Oak	5	Pole/Sapling	7	36	1	White Oak	Medi	um Variable	Sapling	
1	White Pine	10	Log/Pole	10			Pin Cherry	Lov	w Variable	Sapling	
	White Oak	2	Pole/Sapling	6			Red Pine	Lov	w Variable	Sapling	
	Red Pine	3	Pole/Log	9		\	White Pine	Lov	w Variable	Sapling	
							Jack Pine	Lov	w Variable	Sapling	
						V	Vitch Hazel	Lov	v 5 - 10 feet	Tall Shrub	
159	4310 - Pir	ne, Oak Mix	κ	Sapling		21.6	5	Immatur	e N/A	٨	Stand was final harvested in Summer 2016 and currently has pockets of advanced regeneration that was protected during harvest. There is a lot
	anopy Species		Size Class		l Age						of young oak regeneration from the harvest but not much has made it to
	Red (Hybrid) Oak	45	Sapling	2	5						the 3 ft. mark yet.
	White Pine	5	Sapling/Pole								
	Red Pine	5	Pole/Log/Sap								
	Jack Pine	35	Sapling	2							
	White Oak	10	Sapling	2							
160	42121 - Planted Deci	Jack Pine, iduous	Mixed F	Poletimb		·II 11.7	25	Immatur	e N/A	A.	Jack pine was planted in 1996. Aspen is mostly in the east 1/4 of the stand.
С	anopy Species	% Cover	Size Class	DBH	l Age	Sub-0	Canopy Spec	cies Dens	ity Avg. Height	Size	
	gtooth Aspen	10	Sapling/Pole	3			Red Pine	Lov	v 5 - 10 feet	Sapling	
Black/l	Red (Hybrid) Oak	8	Pole/Sapling				Jack Pine	Lov	v 5 - 10 feet	Sapling	
	Jack Pine	78	Pole/Sapling		25	Black/F	Red (Hybrid)	Oak Lov	w Variable	Sapling	
	Pin Cherry	4	Sapling	2							



161	Stand	Level 4 Co	over Type	5	Size De	ensity	Acres	Stand Age I	BA Range	Managed S	Site	General Comments	MICHIGAN .
Bigtooth Aspen	161	4130 -	- Aspen		Saplin	g Well	34.7	17	Immature	N/A		Cut 2004	
Black/Red (Hybrid) Oak   5   Sapling   3   White Oak   Medium   5 - 10 feet   Sapling   Sapling   White Pine   Low   Variable   Sapling   White Pine   Low   Variable   Sapling   Saplin	Ca	nopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size		
White Pine   Low   Variable   Sapling   With Hazel   Low   Variable   Sapling   With Hazel   Low   Variable   Sapling   Sapl	Big	tooth Aspen	95	Sapling	3	17	Black/Re	d (Hybrid) Oak	Medium	5 - 10 feet	Sapling		
Witch Hazel   Low   5 - 10 feet   Tall Shrub   Pin Cherry   Low   Variable   Sapling   Jack Pine   Trace   Variable   Sapling   Red Pine   Trace   Variable   Sapling   Thinned Summer 2016.    Thinned Summer 2016	Black/R	Red (Hybrid) Oak	5	Sapling	3		W	nite Oak	Medium	5 - 10 feet	Sapling		
Pin Cherry   Low   Variable   Sapling   Jack Pine   Low   5 - 10 feet   Sapling   Red Pine   Trace   Variable   Sapling							WI	nite Pine	Low	Variable	Sapling		
							Wit	ch Hazel	Low	5 - 10 feet	Tall Shrub		
Red Pine   Trace   Variable   Sapling   Sapling							Piı	n Cherry	Low	Variable	Sapling		
162   42110 - Planted Red Pine   Sawtimber Well   13.1   92   111-140							Ja	ck Pine	Low	5 - 10 feet	Sapling		
Canopy Species   White Oak   5							R	ed Pine	Trace	Variable	Sapling		
White Oak   5	162	42110 - Plar	nted Red F	Pine S	awtimb	er Wel	l 13.1	92	111-140	N/A		Thinned Summer 2016.	
White Pine 10 Log/Pole 12 White Pine Medium Variable Sapling Red Pine 75 Log/Pole 12 92  Black/Red (Hybrid) Oak 10 Log/Pole 11  163 42110 - Planted Red Pine Sawtimber Well 13.4 92 81-110 N/A  Canopy Species % Cover Size Class DBH Age White Oak 5 Log/Pole 12 Black/Red (Hybrid) Oak 10 Log/Pole 12 White Pine 15 Pole/Log/XLog 9 55 Red Pine 70 Log/Pole 12 92  164 42290 - Natural Mixed Pine Poletimber Well 6.9 55 141-170 N/A  Canopy Species % Cover Size Class DBH Age Black/Red (Hybrid) Oak Mite Pine Noletimber Well 6.9 55 141-170 N/A  Canopy Species % Cover Size Class DBH Age White Oak 10 Log/Pole 12 92  164 42290 - Natural Mixed Pine Poletimber Well 6.9 55 141-170 N/A  Canopy Species % Cover Size Class DBH Age White Pine Noletimber Well 6.9 Sub-Canopy Species Density Avg. Height Size Sapling Sub-Canopy Species Density Avg. Height Size White Oak 10 Log/Pole 13 Black/Red (Hybrid) Oak Low Variable Sapling Ouaking Aspen 3 Pole/Log 8 White Pine Medium > 20 feet Sapling Sapling White Pine Sapling White Pine Medium > 20 feet Sapling Sapling Sapling Sapling White Pine Medium > 20 feet Sapling Sapli	Ca	nopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size		
Red Pine	V	White Oak	5	Log/Pole	12		North	ern Pin Oak	Low	Variable	Sapling		
Black/Red (Hybrid) Oak   10	V	White Pine	10	Log/Pole	12		WI	nite Pine	Medium	Variable	Sapling		
163   42110 - Planted Red Pine   Sawtimber Well   13.4   92   81-110   N/A		Red Pine	75	Log/Pole	12	92	R	ed Pine	Low	Variable	Sapling		
Canopy Species % Cover Size Class DBH Age White Oak 5 Log/Pole 12 Black/Red (Hybrid) Oak 10 Log/Pole 12 White Pine 15 Pole/Log/XLog 9 55 Red Pine 70 Log/Pole 12 92  164 42290 - Natural Mixed Pine Poletimber Well 6.9 55 141-170 N/A  Canopy Species % Cover Size Class DBH Age White Oak 10 Log/Pole 13 Black/Red (Hybrid) Oak Low Variable Sapling  White Oak 10 Log/Pole 13 Black/Red (Hybrid) Oak Low Variable Sapling  White Oak 20 Pole/Log 8 White Pine Medium Size  Black/Red (Hybrid) Oak Low Variable Sapling  White Oak Size Class DBH Age Sub-Canopy Species Density Avg. Height Size  White Oak Sapling Size Class Sapling  White Pine Medium >20 feet Sapling  White Pine Medium >20 feet Sapling  White Oak Low 10 - 20 feet Sapling	Black/R	Red (Hybrid) Oak	10	Log/Pole	11							•	
White Oak 5 Log/Pole 12 Black/Red (Hybrid) Oak Medium Variable Sapling White Pine 15 Pole/Log/XLog 9 55 Red Pine 70 Log/Pole 12 92  164 42290 - Natural Mixed Pine Poletimber Well 6.9 55 141-170 N/A  Canopy Species % Cover Size Class DBH Age White Oak 10 Log/Pole 13 Black/Red (Hybrid) Oak Low Variable Sapling  Sub-Canopy Species Density Avg. Height Size White Oak 10 Log/Pole 13 Black/Red (Hybrid) Oak Low Variable Sapling  White Pine Nedium Variable Sapling	163	42110 - Plar	nted Red F	Pine S	awtimb	er Wel	l 13.4	92	81-110	N/A		Thinned in Summer2016	
Black/Red (Hybrid) Oak 10 Log/Pole 12 White Pine Medium Variable Sapling  White Pine 15 Pole/Log/XLog 9 55  Red Pine 70 Log/Pole 12 92  164 42290 - Natural Mixed Pine Poletimber Well 6.9 55 141-170 N/A  Canopy Species % Cover Size Class DBH Age White Oak 10 Log/Pole 13 Black/Red (Hybrid) Oak Low Variable Sapling  Quaking Aspen 3 Pole/Log 8 White Pine Medium Variable Sapling  Black/Red (Hybrid) Oak Low Variable Sapling  White Oak 10 Log/Pole 13 Black/Red (Hybrid) Oak Low Variable Sapling  White Pine Medium >20 feet Sapling  White Oak Low 10 - 20 feet Sapling	Ca	nopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size		
White Pine 15 Pole/Log/XLog 9 55 Red Pine 70 Log/Pole 12 92  164 42290 - Natural Mixed Pine Poletimber Well 6.9 55 141-170 N/A  Canopy Species % Cover Size Class DBH Age White Oak 10 Log/Pole 13 Black/Red (Hybrid) Oak Low Variable Sapling Quaking Aspen 3 Pole/Log 8 White Pine Medium >20 feet Sapling Black/Red (Hybrid) Oak 2 Pole/Log 9 White Oak Low 10 - 20 feet Sapling	V	White Oak	5	Log/Pole	12		Black/Re	d (Hybrid) Oak	Medium	Variable	Sapling		
Red Pine 70 Log/Pole 12 92  164 42290 - Natural Mixed Pine Poletimber Well 6.9 55 141-170 N/A  Canopy Species % Cover Size Class DBH Age White Oak 10 Log/Pole 13 Black/Red (Hybrid) Oak Low Variable Sapling Quaking Aspen 3 Pole/Log 8 White Pine Medium >20 feet Sapling Black/Red (Hybrid) Oak Low 10 - 20 feet Sapling	Black/R	Red (Hybrid) Oak	10	Log/Pole	12		WI	nite Pine	Medium	Variable	Sapling		
164 42290 - Natural Mixed Pine Poletimber Well 6.9 55 141-170 N/A  Canopy Species % Cover Size Class DBH Age White Oak 10 Log/Pole 13 Black/Red (Hybrid) Oak Low Variable Sapling Quaking Aspen 3 Pole/Log 8 White Pine Medium >20 feet Sapling Black/Red (Hybrid) Oak Low 10 - 20 feet Sapling	V	White Pine	15	Pole/Log/XLog	9	55						•	
Canopy Species % Cover Size Class DBH Age White Oak 10 Log/Pole 13 Black/Red (Hybrid) Oak Low Variable Sapling Quaking Aspen 3 Pole/Log 8 White Pine Medium >20 feet Sapling Black/Red (Hybrid) Oak 2 Pole/Log 9 White Oak Low 10 - 20 feet Sapling		Red Pine	70	Log/Pole	12	92							
White Oak 10 Log/Pole 13 Black/Red (Hybrid) Oak Low Variable Sapling Quaking Aspen 3 Pole/Log 8 White Pine Medium >20 feet Sapling Black/Red (Hybrid) Oak 2 Pole/Log 9 White Oak Low 10 - 20 feet Sapling	164	42290 - Natu	ıral Mixed	Pine P	oletimb	er Wel	l 6.9	55	141-170	N/A			
Quaking Aspen3Pole/Log8White PineMedium>20 feetSaplingBlack/Red (Hybrid) Oak2Pole/Log9White OakLow10 - 20 feetSapling	Ca	nopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size		
Black/Red (Hybrid) Oak 2 Pole/Log 9 White Oak Low 10 - 20 feet Sapling	V	White Oak	10	Log/Pole	13		Black/Re	d (Hybrid) Oak	Low	Variable	Sapling		
	Qua	aking Aspen	3	Pole/Log	8		WI	nite Pine	Medium	>20 feet	Sapling		
White Ding 40 Dolell on VI on 0 FE	Black/R	Red (Hybrid) Oak	2	Pole/Log	9		W	hite Oak	Low	10 - 20 feet	Sapling		
Writte Pitte 42   Pole/Log/ALog   9   55	V	White Pine	42	Pole/Log/XLog	9	55			-			1	
Red Pine 35 Log/Pole 12 92		Red Pine	35										
Jack Pine 5 Pole 8		Jack Pine											
Bigtooth Aspen 3 Log 12	Big	tooth Aspen	3	Log	12								

Compartment: 21 Year of Entry: 2022



	Level 4 Co	over Type		Size De	nsity	Acres Stand Age E	BA Range	Managed S	Site	General Comments
55	42260 - Natural Pir	ne, Mixed I	Deciduous	Sawtimb	er Well	29.8 80	111-140	N/A		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	
	White Oak	20	Log	14	92	White Oak	Low	Variable	Sapling	
	Quaking Aspen	5	Log	12		Black/Red (Hybrid) Oak	Low	Variable	Sapling	
Blad	ck/Red (Hybrid) Oak	5	Pole/Log	9		White Pine	High	10 - 20 feet	Sapling	
	White Pine	30	Log/Pole	12	80		,		•	
	Red Pine	25	Log/Pole	12	92					
	Jack Pine	15	Pole/Log	9						
66	4130	- Aspen		Sawtimb	er Well	21.6 55		N/A		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	
	Bigtooth Aspen	70	Log/Pole	10	55	Witch Hazel	Low	5 - 10 feet	Tall Shrub	
	Red Maple	15	Log/Pole	10		Balsam Fir	Low	>20 feet	Pole	
Blad	ck/Red (Hybrid) Oak	5	Log	14		White Pine	Low	Variable	Sapling	
	White Oak	3	Log	14		Balsam Fir	Low	Variable	Sapling	
	White Pine	5	Log/Pole	12		Red Maple	Low	Variable	Sapling	
	Red Pine	2	Log	14	-					
			Log							
167	42141 - Planted I Deci	Mixed Pine	e, Mixed	Sawtimb		46.6 92	111-140	N/A	Sizo	
	42141 - Planted I Deci Canopy Species	Mixed Pine duous % Cover	e, Mixed	Sawtimb <b>DB</b> H	Age	Sub-Canopy Species	Density	Avg. Height	Size	
	42141 - Planted I Deci Canopy Species ck/Red (Hybrid) Oak	Mixed Pine duous % Cover	e, Mixed  Size Class Log	Sawtimb  DBH	<b>Age</b> 92	Sub-Canopy Species Black/Red (Hybrid) Oak	<b>Density</b> Medium	Avg. Height Variable	Sapling	
	42141 - Planted I Deci Canopy Species ck/Red (Hybrid) Oak Red Pine	Mixed Pine duous % Cover	e, Mixed  Size Class  Log  Log/Pole	Sawtimb  DBH  14  12	<b>Age</b> 92 92	Sub-Canopy Species	Density	Avg. Height		
	42141 - Planted I Deci Canopy Species ck/Red (Hybrid) Oak Red Pine White Pine	Mixed Pineduous  **Cover** 15 35 35 35	e, Mixed  Size Class Log Log/Pole Pole/Log	DBH	<b>Age</b> 92	Sub-Canopy Species Black/Red (Hybrid) Oak	<b>Density</b> Medium	Avg. Height Variable	Sapling	
	42141 - Planted I Deci Canopy Species ck/Red (Hybrid) Oak Red Pine White Pine White Oak	Mixed Pine duous  **Cover* 15 35 35 7	e, Mixed  Size Class  Log  Log/Pole  Pole/Log  Log	DBH 14 12 8 15	<b>Age</b> 92 92	Sub-Canopy Species Black/Red (Hybrid) Oak	<b>Density</b> Medium	Avg. Height Variable	Sapling	
	42141 - Planted I Deci Canopy Species ck/Red (Hybrid) Oak Red Pine White Pine White Oak Jack Pine	Mixed Pineduous  **Cover* 15 35 35 7 5	e, Mixed  Size Class  Log  Log/Pole  Pole/Log  Log  Pole/Log	DBH	<b>Age</b> 92 92	Sub-Canopy Species Black/Red (Hybrid) Oak	<b>Density</b> Medium	Avg. Height Variable	Sapling	
	42141 - Planted I Deci Canopy Species ck/Red (Hybrid) Oak Red Pine White Pine White Oak	Mixed Pine duous  **Cover* 15 35 35 7	e, Mixed  Size Class  Log  Log/Pole  Pole/Log  Log	DBH 14 12 8 15	<b>Age</b> 92 92	Sub-Canopy Species Black/Red (Hybrid) Oak	<b>Density</b> Medium	Avg. Height Variable	Sapling	
Blad	42141 - Planted I Deci Canopy Species ck/Red (Hybrid) Oak Red Pine White Pine White Oak Jack Pine Quaking Aspen	Mixed Pineduous  **Cover   15   35   35   7   5   3   3   3    nted Red Red F	e, Mixed  Size Class Log Log/Pole Pole/Log Log Pole/Log Log/Pole	Sawtimb   Sawt	92 92 55 ser Well	Sub-Canopy Species Black/Red (Hybrid) Oak White Pine	Density Medium Medium 111-140	Avg. Height Variable Variable N/A	Sapling Sapling	This stand was left as retention when the stand to the north was cu
Blad	42141 - Planted I Deci Canopy Species ck/Red (Hybrid) Oak Red Pine White Pine White Oak Jack Pine Quaking Aspen 42110 - Plar	Mixed Pineduous  **Cover* 15 35 35 7 5 3  nted Red F  **Cover*	e, Mixed  Size Class Log Log/Pole Pole/Log Log Pole/Log Log/Pole Poine  Size Class	DBH	Age   92   92   55   er Well	Sub-Canopy Species Black/Red (Hybrid) Oak White Pine  2.2 92 Sub-Canopy Species	Density Medium Medium  111-140 Density	Avg. Height Variable Variable N/A Avg. Height	Sapling Sapling Size	This stand was left as retention when the stand to the north was cu
Blac	42141 - Planted I Deci Canopy Species ck/Red (Hybrid) Oak Red Pine White Pine White Oak Jack Pine Quaking Aspen 42110 - Plar Canopy Species Red Pine	Mixed Pineduous  **Cover*   15	e, Mixed  Size Class  Log  Log/Pole  Pole/Log  Log  Pole/Log  Log/Pole  Pine  Size Class  Log/Pole	Sawtimb   14	92 92 55 ser Well	Sub-Canopy Species Black/Red (Hybrid) Oak White Pine  2.2 92 Sub-Canopy Species Black/Red (Hybrid) Oak	Density Medium Medium  111-140 Density Medium	Avg. Height Variable Variable N/A Avg. Height Variable	Sapling Sapling Size Sapling	This stand was left as retention when the stand to the north was cu
Blad	42141 - Planted I Deci Canopy Species ck/Red (Hybrid) Oak Red Pine White Pine White Oak Jack Pine Quaking Aspen 42110 - Plar	Mixed Pineduous  **Cover* 15 35 35 7 5 3  nted Red F  **Cover*	e, Mixed  Size Class Log Log/Pole Pole/Log Log Pole/Log Log/Pole Poine  Size Class	DBH	Age   92   92   55   er Well	Sub-Canopy Species Black/Red (Hybrid) Oak White Pine  2.2 92  Sub-Canopy Species Black/Red (Hybrid) Oak Jack Pine	Density Medium Medium  111-140 Density	Avg. Height Variable Variable  N/A  Avg. Height Variable Variable	Sapling Sapling Size Sapling Sapling	This stand was left as retention when the stand to the north was cu
Blad	42141 - Planted I Deci Canopy Species ck/Red (Hybrid) Oak Red Pine White Pine White Oak Jack Pine Quaking Aspen 42110 - Plar Canopy Species Red Pine	Mixed Pineduous  **Cover*   15	e, Mixed  Size Class  Log  Log/Pole  Pole/Log  Log  Pole/Log  Log/Pole  Pine  Size Class  Log/Pole	Sawtimb   14	Age   92   92   55   er Well	Sub-Canopy Species Black/Red (Hybrid) Oak White Pine  2.2 92  Sub-Canopy Species Black/Red (Hybrid) Oak Jack Pine Bigtooth Aspen	Density Medium Medium  111-140 Density Medium	Avg. Height Variable Variable  N/A  Avg. Height Variable Variable Variable Variable	Sapling Sapling Size Sapling	This stand was left as retention when the stand to the north was cu
Blad	42141 - Planted I Deci Canopy Species ck/Red (Hybrid) Oak Red Pine White Pine White Oak Jack Pine Quaking Aspen 42110 - Plar Canopy Species Red Pine	Mixed Pineduous  **Cover*   15	e, Mixed  Size Class  Log  Log/Pole  Pole/Log  Log  Pole/Log  Log/Pole  Pine  Size Class  Log/Pole	Sawtimb   14	Age   92   92   55   er Well	Sub-Canopy Species Black/Red (Hybrid) Oak White Pine  2.2 92 Sub-Canopy Species Black/Red (Hybrid) Oak Jack Pine Bigtooth Aspen White Pine	Density Medium Medium  111-140 Density Medium Medium Medium	Avg. Height Variable Variable  N/A  Avg. Height Variable Variable	Sapling Sapling Size Sapling Sapling	This stand was left as retention when the stand to the north was cu
167 Blace	42141 - Planted I Deci Canopy Species ck/Red (Hybrid) Oak Red Pine White Pine White Oak Jack Pine Quaking Aspen 42110 - Plar Canopy Species Red Pine	Mixed Pineduous  **Cover*   15	e, Mixed  Size Class  Log  Log/Pole  Pole/Log  Log  Pole/Log  Log/Pole  Pine  Size Class  Log/Pole	Sawtimb   14	Age   92   92   55   er Well	Sub-Canopy Species Black/Red (Hybrid) Oak White Pine  2.2 92  Sub-Canopy Species Black/Red (Hybrid) Oak Jack Pine Bigtooth Aspen	Density Medium Medium  111-140 Density Medium Medium Low	Avg. Height Variable Variable  N/A  Avg. Height Variable Variable Variable Variable	Sapling Sapling Size Sapling Sapling Sapling Sapling	This stand was left as retention when the stand to the north was cu

Low

Variable

Red Maple

Sapling