# DNR MICHIGAN

## **Compartment Review Presentation**

**Roscommon Forest Management Unit** 

Compartment 71034 Entry Year 2027 Acreage: 3,830

County: Roscommon

Management Area: High Sand Plains

Stand Examiner: Dakota Ewald

**Legal Description:** 

T24N R02W Sections 3, 4, 5, 9, 10, 15, 16, 17, 21, 22, and 23.

**Identified Planning Goals:** 

High Sand Plains management plan.

Soil and topography:

Topography is generally flat with some rolling terrain in the South end of the compartment. Large wetland areas both forested and non forested. Soils range from Grayling Sands on the uplands to Tawas-Lupton Mucks on the lowlands

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

This compartment lies just to the east of the Village of Roscommon and is intermixed with state and private landholdings.

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

The South Branch of the AuSable River flows through the North of the compartment.

## Archeological, Historical, and Cultural Features:

There is an archaeological feature within section 15.

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

None.

#### Watershed and Fisheries Considerations:

The South Branch of the Ausable river flows through the center of the compartment, along with several creeks that branch off from it. There are also multiple large wetland complexes surrounded by swampy low ground.

#### Wildlife Habitat Considerations:

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

No known potential exists for economic deposits of metallic minerals in this part of the state. An active sand/gravel operation exists two miles west and one less than one mile north. The best potential for development of sand & gravel resources within the compartment is on the uplands in the south end of the compartment. The nearest hydrocarbon production, past or present, is roughly two miles east. There is no current leasing activity involving State-owned oil & gas rights in the compartment, and there has been no recent well permit activity in the area. Potential for future oil & gas development within the compartment is considered low at this time. The State does not own all the mineral rights within the compartment. Because the mineral estate is the dominant estate, the surface owner must provide the owner of the mineral rights reasonable access to the surface for mineral exploration and development.

#### **Vehicle Access:**

Access to much of the compartment is good using county roads and state forest roads. The central portion of the compartment that is dominated by wetland and low ground types has limited to no access.

### **Survey Needs:**

None required at the time of inventory.

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

The Tisdale walking/ski trail is contained within the North portion of the compartment. The snowmobile trail runs through the South end of the compartment.

#### Fire Protection:

### **Additional Compartment Information:**

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The following reports from the Inventory are attached:

**Total Acres by Cover Type and Age Class** 

**Cover Type by Harvest Method** 

**Proposed Treatments - No Limiting Factors** 

**Proposed Treatments – With Limiting Factors** 

**Stand Details (Forested and Nonforested)** 

**Dedicated and Proposed Special Conservation Areas** 

Site Condition Details

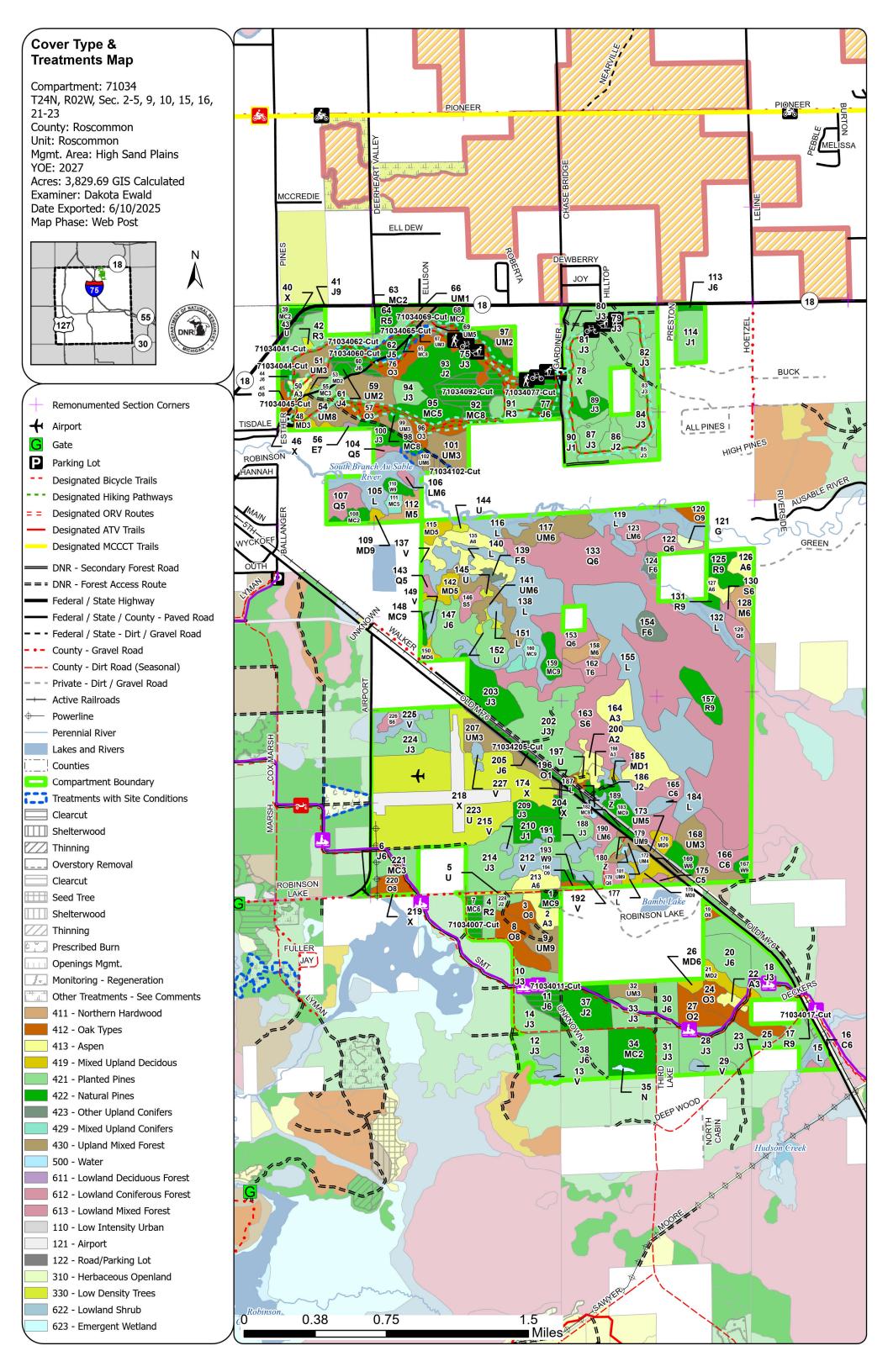
The following information is displayed, where pertinent, on the attached compartment maps:

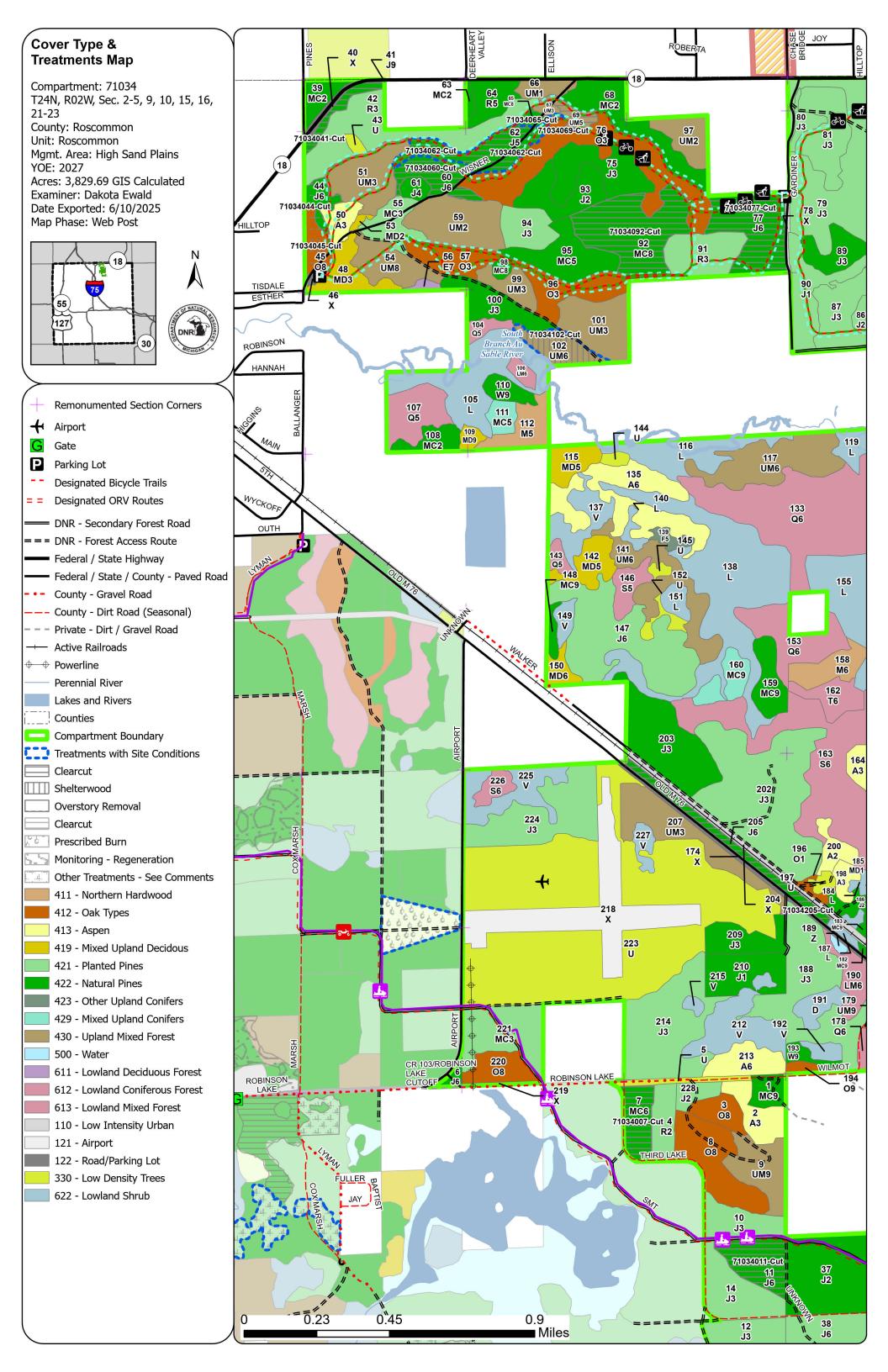
Base feature information, stand boundaries, cover types, and numbers

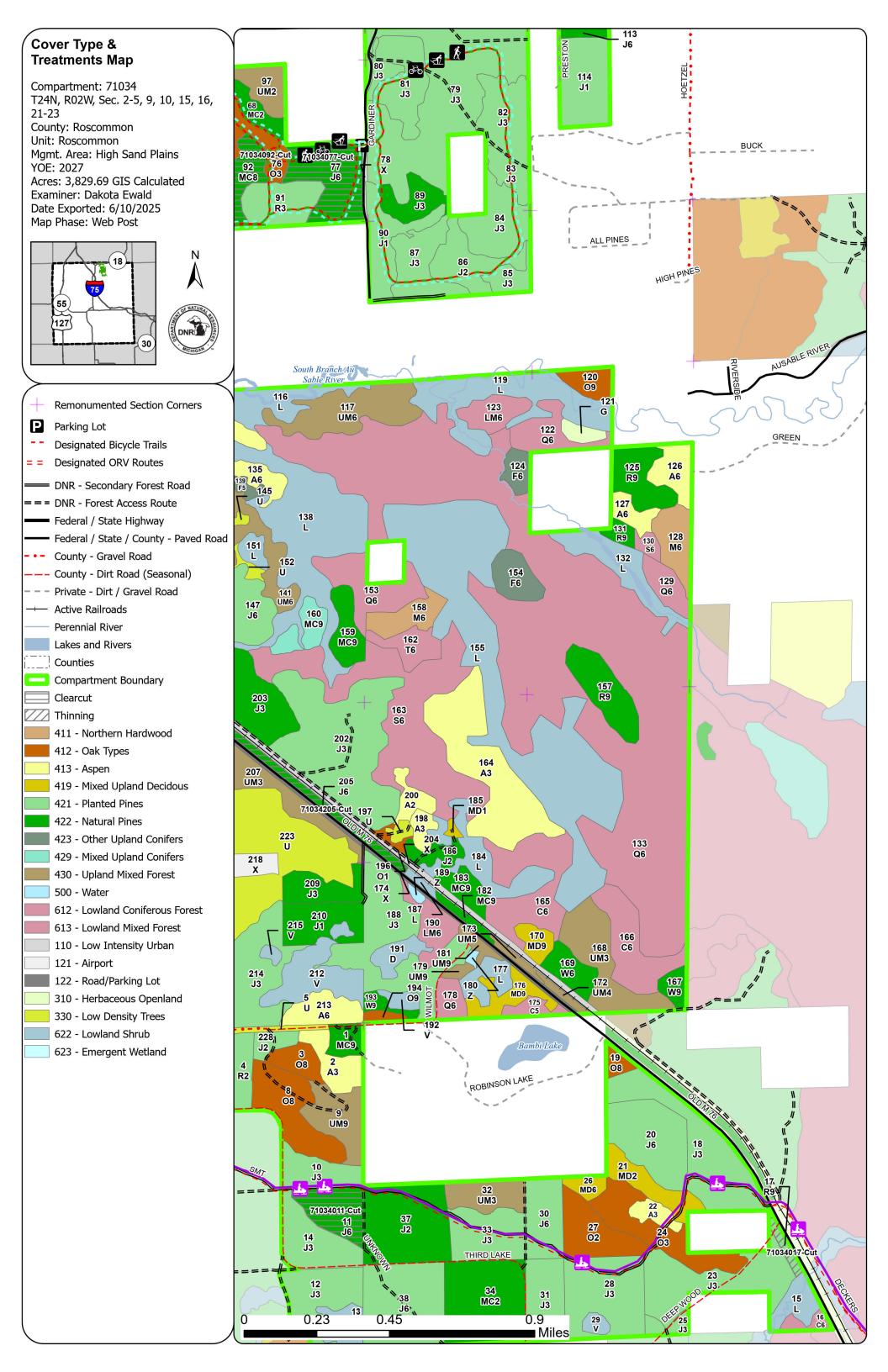
**Proposed treatments** 

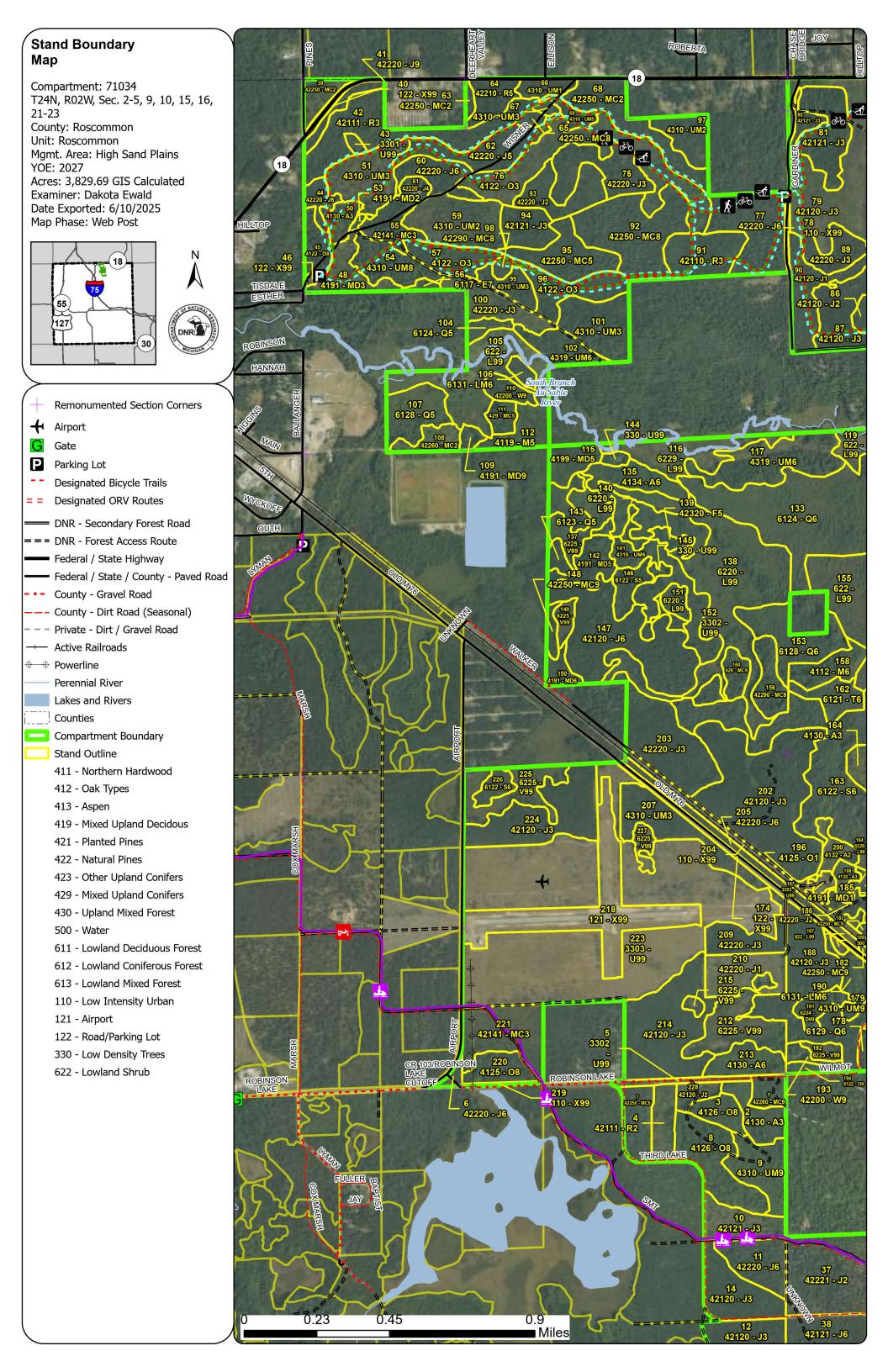
Site condition boundaries

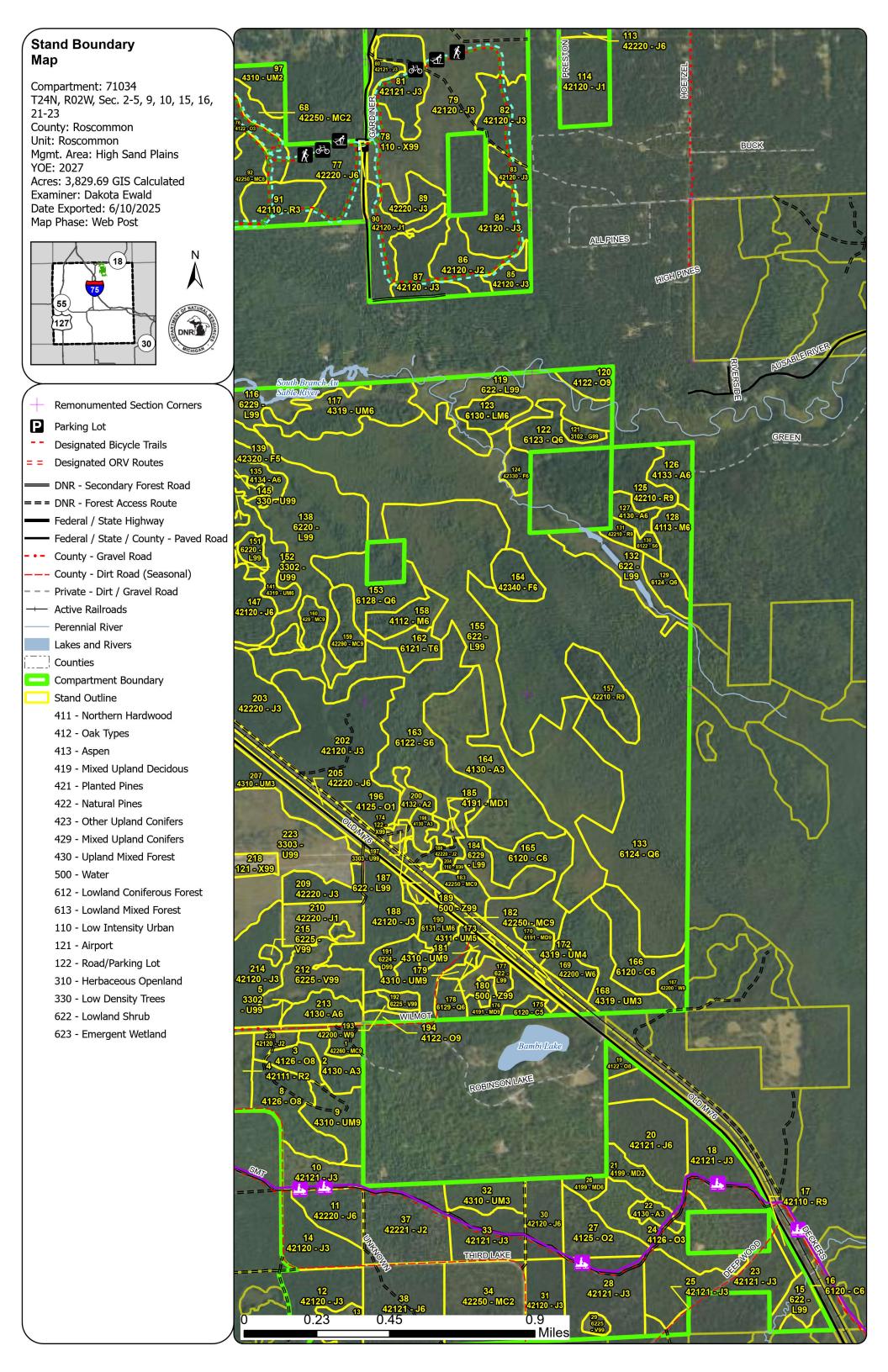
Details on the road access system

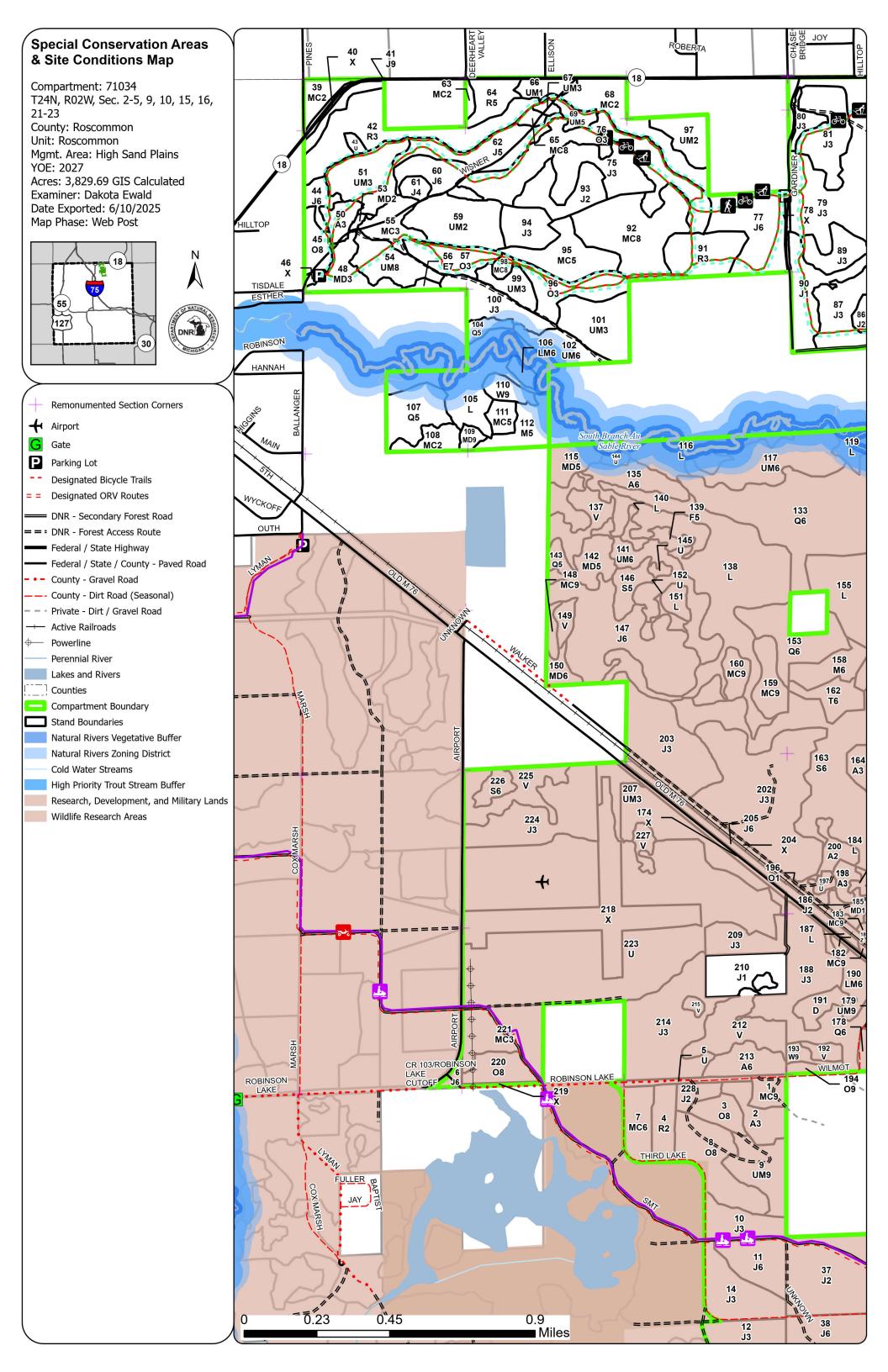


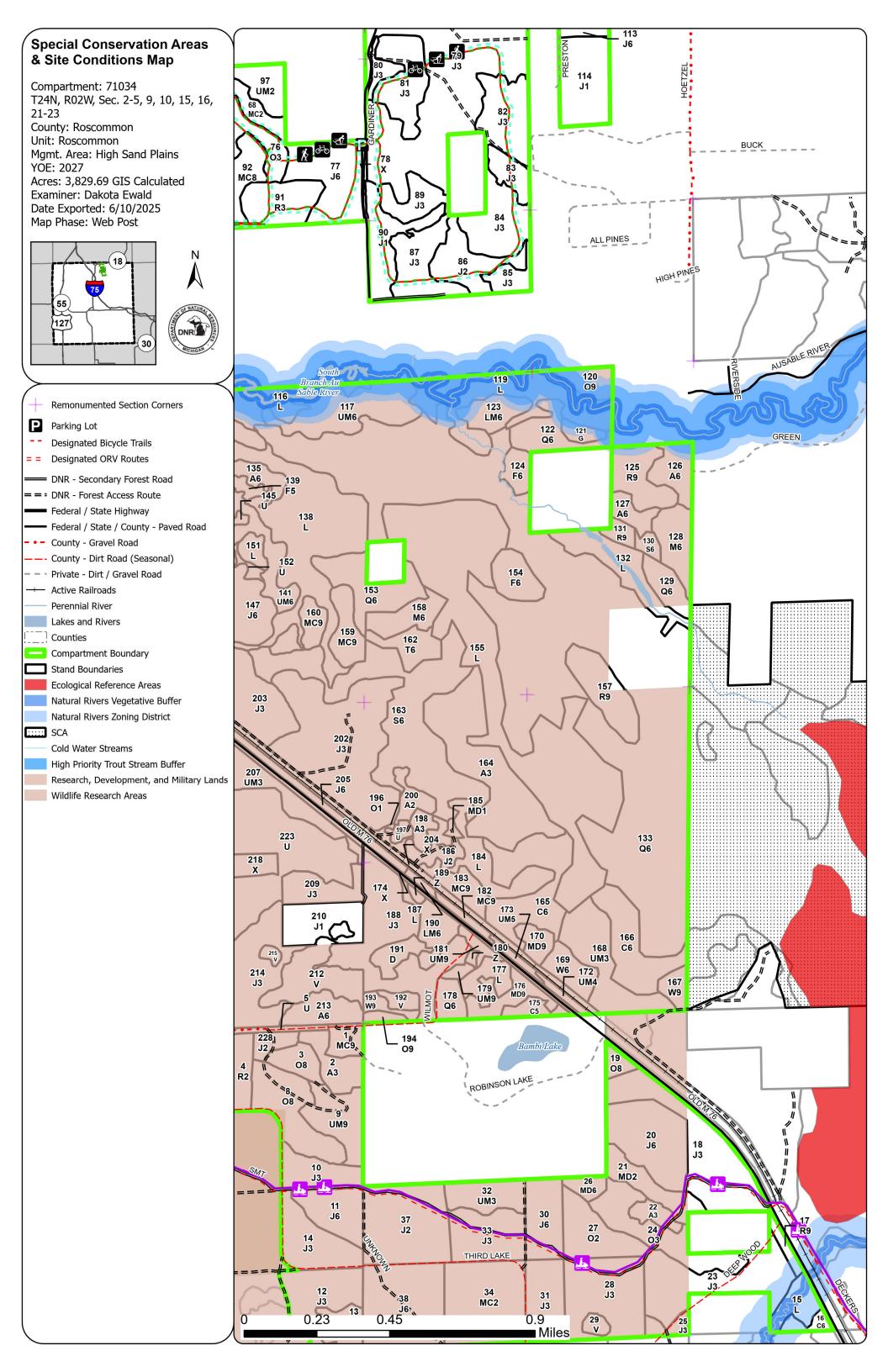












Compartment 34 Year of Entry 2027

Roscommon Mgt. Unit Dakota Ewald: Examiner



### Age Class

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Aspen	0	0	74	6	25	37	0	0	0	19	0	0	0	0	0	0	0	0	161
Bog	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	84
Cedar	0	0	0	0	0	0	0	0	0	0	0	5	61	0	4	0	0	0	70
Herbaceous Openland	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Jack Pine	0	123	91	245	411	190	17	0	45	11	34	0	0	0	0	0	0	2	1169
Low-Density Trees	221	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	221
Lowland Conifers	0	0	0	0	0	0	22	0	24	0	4	23	7	362	0	0	0	0	442
Lowland Deciduous	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
Lowland Mixed Forest	0	0	0	0	0	0	0	0	23	0	0	3	0	0	0	0	0	0	26
Lowland Shrub	406	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	406
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	81	8	0	0	0	0	0	0	0	9	98
Marsh	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Mixed Upland Deciduous	0	0	15	15	0	12	0	0	0	0	5	35	0	0	0	0	0	0	82
Natural Mixed Pines	0	0	57	24	0	0	0	0	0	23	54	24	0	0	0	12	0	0	194
Northern Hardwood	0	0	0	0	0	0	0	0	27	0	0	13	0	0	0	0	0	0	40
Oak	0	0	79	47	0	0	0	0	0	0	8	56	7	0	0	0	0	0	194
Planted Mixed Pines	0	0	27	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	39
Red Pine	0	0	69	0	0	0	0	11	4	42	0	0	0	0	0	0	0	0	126
Tamarack	0	0	0	0	0	0	0	0	11	0	0	0	0	0	0	0	0	0	11
Treed Bog	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Upland Conifers	0	0	0	0	0	0	0	0	0	0	0	15	0	0	0	0	0	0	15
Upland Mixed Forest	0	0	50	75	14	56	0	0	6	5	16	62	6	0	0	0	0	0	289
Upland Spruce/Fir	0	0	0	0	0	15	0	0	0	0	0	0	0	0	0	0	0	7	22
Urban	98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	98
Water	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
White Pine	0	0	0	0	0	0	10	0	0	0	0	6	6	4	0	0	0	0	26
Total	824	123	462	424	450	310	49	11	221	108	121	242	89	366	4	12	0	18	3830



## **Report 2 – Treatment Summary**

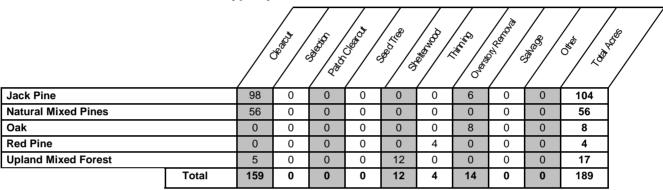
Roscommon Mgt. Unit Year of Entry: 2027

#### **Acres of Harvest**

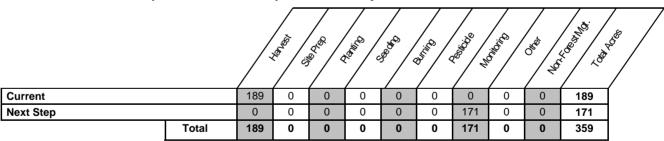
Compartment 34
Total Compartment Acres: 3,830

Commercial Harvest - 242 Harvests with Site Condition - 42 Next Step Harvest - 0 Habitat Cut - 40

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



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



Roscommon Mgt. Unit

Report 3 -- Treatments

Compartment: 34 Year of Entry: 2027

Habitat

Cut

Age

S t а

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

**Proposed Treatments:** 

205 71034205-Cut 4222 - Natural 11.3 42220 - Natural 6 75 81-110 Harvest Clearcut **Planting** No Jack Pine Jack Pine Record

Prescription Clearcut everything two inches and up. No retention due to declining stand condition and proximity to Old 76 and the railroad...

Specs:

Monitoring, Natural Regen (Re-Inventory) Next Step

**Treatments:** 

Moderate to full stocking of jack pine with a mix of other species. If regen fails, will also accept as a non-stocked stand due to the proximity <u>Acceptable</u>

Regen: to the road and railroad.

Other Comment:

Site Condition:

Proposed Start Date: 10/01/2026

102 71034102-Cut 105 81-110 Harvest 11.7 4319 - Mixed Shelterwood 4319 - Mixed Cutting No **Upland Forest Upland Forest** Record

Shelterwood leaving 50 to 70 BA of healthy trees with well-formed crowns. Protect existing regen as much as possible. Add residual and Prescription

regen protection and trail protection specs. Add oak wilt spec. Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Full stocking of fir, maple, and pine with a mix of other species.

Other

Comment:

Regen:

Site Condition:

Proposed Start Date: 10/01/2026

Planting 92 71034092-Cut 40.8 42250 - Pine, Oak 8 94 81-110 Harvest Clearcut 42250 - Pine, No Oak Record

Prescription Clearcut with retention, cut everything 4 inches and up. Scatter and break up jack pine tops to promote natural regen. Use retention to break Specs: up the visual along the ski trail, but back it off of the trail so trees do not fall across it. Protect existing regen as much as possible. No operations allowed from December 1st through March 31st for the ski season. Add oak wilt, trail protection, and regen protection specs.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Moderate to full stocking of jack pine and oak.

Regen:

Other Comment:

Site Condition:

Roscommon Mgt. Unit

Report 3 -- Treatments

Compartment: 34
Year of Entry: 2027

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а **Treatment** Acres Stand Size Stand BA **Treatment Treatment Cover Type** Age Habitat n Method Objective Name CoverType Density Age Range Type Structure Cut d 71034077-Cut 29.7 42220 - Natural 81-110 Harvest Clearcut 4222 - Natural **Planting** Nο Jack Pine Jack Pine Record Prescription Clearcut with retention, cutting everything 4 inches and up. Scatter and break up jack pine tops to promote natural regen. Protect existing pine and oak regen as much as possible. No operations allowed from December 1st through March 31st for the ski season. Add oak wilt, Specs: regen protection, and trail protection specs. Next Step Monitoring, Natural Regen (Re-Inventory) Treatments: Acceptable Natural Jack pine with some oak mixed in to full stocking. Regen: Other Comment: Site Condition: Proposed Start Date: 10/01/2026 71034069-Cut 4.9 4310 - Pine, Oak 4310 - Pine, **Planting** 5 88 81-110 Nο Harvest Clearcut Mix Oak Mix Record Prescription Clearcut everything 4 inches and up, no retention due to size. Protect existing regen as much as possible. No operations allowed from December 1st through March 31st for the ski season. Add regen protection, trail protection, and oak wilt specs. Specs: Next Step Monitoring, Natural Regen (Re-Inventory) Treatments: Acceptable Moderate to full stocking of jack pine and oak with some red pine mixed in. Regen: Other Comment: Site Condition: Proposed Start Date: 10/01/2026 71034065-Cut 2.2 42250 - Pine, Oak 42250 - Pine, 101 51-80 **Planting** Harvest Clearcut No Oak Record <u>Prescription</u> Clearcut everything 4 inches and up, no retention due to size. Scatter and break up jack pine tops to promote natural regen. Protect existing regen as much as possible. No operations allowed from December 1st through March 31st for the ski season. Add oak wilt, regen protection, Specs: and trail protection specs. Next Step Monitoring, Natural Regen (Re-Inventory) Treatments: Acceptable Moderate to full stocking of jack pine and oak. Regen: Other Comment: Site Condition: Proposed Start Date: 10/01/2026

Roscommon Mgt. Unit

Report 3 -- Treatments

Compartment: 34

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S t										Year of Entry	: 2027	DNR
a n d	Treat Na	ment me	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
62	2 71034	062-Cut	21.0	42220 - Natural Jack Pine	5	97	81-110	Harvest	Clearcut	42221 - Natural Jack Pine, Mixed Deciduous	Planting Record	No
	escription ecs:	as muc		ention, cut everythin ible. No operations ecs.								
	ext Step eatments:		ing, Natur	al Regen (Re-Inver	ntory)							
	ceptable egen:	Modera	te to full s	stocking of jack pine	and oak.							
	<u>her</u> omment:											
Sit	te Conditi	on: Res	earch Stu	dy								
Pr	oposed S	tart Date:	10/01/20	026								
60	71034	060-Cut	13.2	42220 - Natural Jack Pine	6	97	81-110	Harvest	Clearcut	4222 - Natural Jack Pine	Planting Record	No
	escription ecs:	visual b	uffer for th	ention, cut everythin he ski trail. Protect add regen protection	existing reg	en as m	nuch as p	ossible. No ope				
	ext Step eatments:		ing, Natur	al Regen (Re-Inver	ntory)							
	ceptable egen:	Full sto	cking of ja	ack pine with a mix	of red pine	and oak	ζ.					
	<u>her</u> omment:											
Sit	te Conditi	on:										
Pr	oposed S	tart Date:	10/01/20	026								
45	71034	045-Cut	8.4	4122 - Oak, Pine	8	98	51-80	Harvest	Overstory Removal	4122 - Oak, Pine	Planting Record	No
	escription ecs:			al, no retention due cember 1st through								ations
	ext Step eatments:	1										
	ceptable egen:	Modera	te to full s	stocking of oak and	pine.							
	<u>her</u> omment:											
Sit	te Conditi	on:										

S t	·	(OSCOIIIII	on Mgt. Omt		к <del>е</del> ро	113	realments		Year of Entry		DNR
a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habita Cut
44	71034044-C	u <b>t</b> 5.9	42220 - Natural Jack Pine	6	87	81-110	Harvest	Overstory Removal	42221 - Natural Jack Pine, Mixed Deciduous	Planting Record	No
Spe			oval, cut everything 4 ecember 1st through								ations
Trea	atments:		lata alian afia al min								
Reg Othe	<u>en:</u> er	erate to full	stocking of jack pine	e and oak.							
	nment: Condition:										
	oosed Start Da	<u>te:</u> 10/01/	2026								
41	71034041-C	ut 5.5	42220 - Natural Jack Pine	9	87	111- 140	Harvest	Clearcut	4222 - Natural Jack Pine	Planting Record	Yes
Pres Spe		rcut eveyth	ing two inches and υ	ıp, no reter	ition due	e to size.					
	<u>t Step</u> Moni atments:	toring, Nat	ural Regen (Re-Inve	ntory)							
Acc Reg		erate to full	stocking of jack pine	e with a mix	c of red	pine and o	oak.				
Othe Con	er nment:										
Site	Condition:										
Prop	oosed Start Da	<u>te:</u> 10/01/	2026								
17	71034017-C	ut 3.7	42110 - Planted Red Pine	9	78	141- 170	Harvest	Thinning	4211 - Planted Red Pine	Planting Record	Yes
Pres Spe	•	down to 90	) BA, focus on remov	ving poor fo	ormed tr	ees first.					
	t Step atments:										
Acc Reg	eptable en:										
Othe Con	<u>er</u> nment:										
Site	Condition:										
Prop	oosed Start Da	<u>te:</u> 10/01/	2026								
11	71034011-C	ut 17.3	3 42220 - Natural Jack Pine	6	55	81-110	Harvest	Clearcut	42221 - Natural Jack Pine, Mixed Deciduous	Planting Record	Yes
Pres Spe		rcut with re	etention, cut everythin	ng 2 inches	and up	. Scattered	d and break up	tops to promote n	atural regen.		
	<u>t Step</u> Moni atments:	toring, Nat	ural Regen (Re-Inve	ntory)							
Acc Reg		erate to full	stocking of jack pine	e and oak							
Othe Con	<u>er</u> nment:										
Site	Condition:										

S t	Transferrent Apres Stand				Repo	rt 3 '	Treatments		Compartmen Year of Entry	DNR MICHIGAN	
a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
7	71034007-Cut	13.1	42250 - Pine, Oak	6	91	51-80	Harvest	Clearcut	42221 - Natural Jack Pine, Mixed Deciduous	Planting Record	Yes
Pres Spec		ut with ret	ention, cut everything	g 2 inches	and up.	Protect 6	existing regen as	s much as possible			
	Step Monito tments:	ring, Natu	ıral Regen (Re-Inven	tory)							
Acce Rege		ate to full	stocking of jack pine	and oak.							
Othe Com	<u>er</u> ment:										
Site	Condition:										

Total Treatment Acreage Proposed: 188.7

Roscommon Mgt. Unit

Dakota Ewald: Examiner

Compartment: 34
Year of Entry: 2027



## **Availability for Management**

Total	Acres	Acres Avail	Acres		Domina	nt Cit	Con	dition	_					
									_	٥.	00	01.1	0 <b>D</b>	
Acres	Available		Not Available		5B	5C	5G	1A	2A	2F	2G	2H	3D	5E
161	105	37	19	Aspen		37			19					
84	80	0	5	Bog				5						
70	61	0	9	Cedar							9			
4	4	0	0	Herbaceous Openland										
1155	980	170	6	Jack Pine		149	21						4	2
216	11	0	205	Low-Density Trees				200		2	3			
442	0	0	442	Lowland Conifers					10		417	15		
2	2	0	0	Lowland Deciduous										
26	0	0	27	Lowland Mixed Forest							12	15		
406	406	0	0	Lowland Shrub										
98	0	0	98	Lowland Spruce/Fir					3		95			
1	1	0	0	Marsh										
71	49	11	11	Mixed Upland Deciduous	11							9		2
160	126	7	27	Natural Mixed Pines	7							19		8
40	0	0	40	Northern Hardwood					15			25		
196	162	14	21	Oak	3	11				9		9	4	
39	39	0	0	Planted Mixed Pines										
124	83	0	42	Red Pine					21			20		
11	0	0	11	Tamarack							11			
8	8	0	0	Treed Bog										
15	0	0	15	Upland Conifers								14		1
265	191	41	34	Upland Mixed Forest	25	16						32		2
22	0	0	22	Upland Spruce/Fir							10	12		
98	42	0	55	Urban				55						
2	2	0	0	Water										
26	16	4	6	White Pine		4						6		
3,742	2,366	284	1,092	Total Forested Acres	46	217	21	260	68	10	557	176	8	14
	63%	8%	29%	Relative Percent				_						

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

Site Dominant Site No. Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1 Unavailable	5E: Long-Term Retention	7	Unspecified	Unspecified	Unspecified	Unspecified

Roscommon Mgt. Unit

Dakota Ewald: Examiner



	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Retention left when	Stand #4 was cut					
	Unavailable	3D: Recreational/scenic values	4	Unspecified	Unspecified	Unspecified	Unspecified
	<b>Comments:</b> Visuals on M-76						
1	Available	5B: Maintain for regeneration purposes	19	5C: Delay treatment for age/size class diversity or exceptional site quality	Unspecified	Unspecified	Unspecified
	Comments:						
5	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	4	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
6	Unavailable	5E: Long-Term Retention	2	3D: Recreational/scenic values	Unspecified	Unspecified	Unspecified
	Comments:						
7	Unavailable	2F: Too steep	9	5C: Delay treatment for age/size class diversity or exceptional site quality	Unspecified	Unspecified	Unspecified
	Comments:						

Roscommon Mgt. Unit Dakota Ewald: Examiner



8	Available	5B: Maintain for regeneration purposes	7	5C: Delay treatment for age/size class diversity or exceptional site quality	Unspecified	Unspecified	Unspecified
С	omments:						
9	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	33	Unspecified	Unspecified	Unspecified	Unspecified
С	omments:						
10	Available	5B: Maintain for regeneration purposes	3	Unspecified	Unspecified	Unspecified	Unspecified
С	omments:						
11	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	4	Unspecified	Unspecified	Unspecified	Unspecified
С	omments:						
12	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	7	Unspecified	Unspecified	Unspecified	Unspecified
С	omments:						
13	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	19	Unspecified	Unspecified	Unspecified	Unspecified
С	omments:						
		2 / 12					-

Roscommon Mgt. Unit Dakota Ewald: Examiner



	Dakota	LWaid. Lxaiiiiiei					WICHIGAN
14	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	11	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
15	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	42	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
16	Unavailable	1A: Federal/State/Local Law	260	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Roscommon Cons	ervation airport and it respective	e cleared l	boundaries			
17	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	20	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: sland surrounded	by wet terrain, private, and acce	essed ove	r low-wgt bridge to the no	orth		
18	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	37	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
19	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	6	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						

Roscommon Mgt. Unit Dakota Ewald: Examiner



20	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	55	Unspecified	Unspecified	Unspecified	Unspecified
С	Comments:						
21	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	12	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
22	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	11	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
23	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	6	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
24	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	9	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						

Roscommon Mgt. Unit

Dakota Ewald: Examiner



25	Unavailable	2G: Too wet (sensitive soils, does not include	362	Unspecified	Unspecified	Unspecified	Unspecified
		access issues)					
C	Comments:						
26	Available	2l: Survey needed	12	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
29	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	12	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Checked per SBW	analysis					
30	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	7	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
31	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	9	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
32	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	11	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
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Roscommon Mgt. Unit Dakota Ewald: Examiner



33	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	8	Unspecified	Unspecified	Unspecified	Unspecified
C	omments:						
34	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	4	Unspecified	Unspecified	Unspecified	Unspecified
C	omments:						
5	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	3	Unspecified	Unspecified	Unspecified	Unspecified
C	omments:						
36	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	9	Unspecified	Unspecified	Unspecified	Unspecified
C	omments:						
7	Available	5B: Maintain for regeneration purposes	11	Unspecified	Unspecified	Unspecified	Unspecified
C	omments:						
8	Available	5B: Maintain for regeneration purposes	4	Unspecified	Unspecified	Unspecified	Unspecified

Roscommon Mgt. Unit Dakota Ewald: Examiner



39	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	3	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
40	Available	5B: Maintain for regeneration purposes	2	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
41	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
42	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
45	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	13	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
46	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	5	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						

Roscommon Mgt. Unit Dakota Ewald: Examiner



							<u> </u>
47	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	3	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
49	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	18	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
50	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	6	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
51	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	3	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
52	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	4	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
54	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
	005 40 05 05 DM D						0.4

Roscommon Mgt. Unit Dakota Ewald: Examiner



57	Unavailable	5E: Long-Term Retention	4	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
58	Unavailable	3D: Recreational/scenic values	4	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
59	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
60	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
61	Available	5G: Research Study	21	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Has a 5-acre pocke	et within the stand as a part of a	use pe	rmit through MSU for a gro	ound flora sampling study.		
62	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
64	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	16	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						

Roscommon Mgt. Unit Dakota Ewald: Examiner



65	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
69	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
70	Unavailable	2F: Too steep	2	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
74	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	81	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
75	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	12	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
76	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	5	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
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Roscommon Mgt. Unit

Dakota Ewald: Examiner

Compartment: 34 Year of Entry: 2027



77	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	23	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	Unspecified	Unspecified	Unspecified
C	Comments:						
79	Unavailable	2A: Adjacent landowner denied access	68	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	Unspecified	Unspecified	Unspecified
	Comments:	vate that crosses the ausable w	ould n	at he able to bandle logging tr	offic		
	onali bridge on priv	vate that crosses the ausable w	rould III	of the able to flatfule logging tra	anic.		
80	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	58	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
C	Comments:						
i							

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Mgt. Unit Compartment: #Type!
Year of Entry:

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

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
Comments				

Report 7 - Stands



Stan	d Level 4 Co	ver Type		Size Density	Acres	Stand Age B	A Range	Managed S	ite	General Comments
1	42260 - Natural Pin	e, Mixed [	Deciduous	Sawtimber Well	6.9	108	81-110	N/A		Log sized oak in the overstory that is a bit older. White pine poles and a saplings in the understory. Hold stand until the white pine develops
	Canopy Species	% Cover	Size Class	_		nopy Species	Density	Avg. Height	Size	further and stand can be treated without causing too much damage.
	White Oak	20		15 108	WI	hite Pine	High	10 - 20 feet	10 - 20 feet	
	Bigtooth Aspen	10	Seedling	7 60						
	Red Pine	35		15 108						
	White Pine	35	Seedling	5 60						
2	4130 -	Aspen		Sapling Well	12.3	31	51-80	N/A		
	Canopy Species	% Cover	Size Class	DBH Age						
Bla	nck/Red (Hybrid) Oak	5	Pole	4						
	Red Maple	25	Sapling	5						
	Bigtooth Aspen	70	Sapling	6 31						
3	4126 - White, B	lack, N. Pi	in Oak S	awtimber Mediur	n 8.6	109	81-110	N/A		Mature oak stand that is on the top and north slope of a steep hill.
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Access would be difficult.
	Bigtooth Aspen	15		10	Black/Re	ed (Hybrid) Oak	Low	Variable	Variable	
	White Oak	50		14 109	WI	hite Pine	Medium	Variable	Variable	
	Red Pine	5		14						•
Bla	ck/Red (Hybrid) Oak	20		12 109						
	White Pine	5	Seedling	5						
	Jack Pine	5	Seedling	9						
4	42111 - Planted Decid	Red Pine, duous	Mixed	Sapling Medium	10.9	11 lı	mmature	N/A		Cut 2014, trench and re-plant to red pine. Trenched in 2014; red pine planting in 2015.
	Canopy Species	% Cover	Size Class	DBH Age						
	Red Pine	70	Log	1 11						
Bla	nck/Red (Hybrid) Oak	20	Log	1 11						
	Jack Pine	10	Log	1 11						
5	3302 - Low Dens	sity Conife	r Trees	Unspecifed	4.9			No		Stand consists of a power-line ROW and road ROW separated by a thin strip of trees.
6	42220 - Natu	ıral Jack P	ine	Poletimber Well	2.4	84	81-110	N/A		
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
Bla	ck/Red (Hybrid) Oak	15		14	W	hite Oak	Low	Variable	Variable	
	White Pine	5	Seedling	6	Black/Re	ed (Hybrid) Oak	Low	Variable	Variable	
	Jack Pine	80		8 84	Ja	ack Pine	Medium	Variable	Variable	
7	42250 - I	Pine, Oak		Poletimber Well	13.1	91	51-80	N/A		
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
Bla	nck/Red (Hybrid) Oak	20		14	Black/Re	ed (Hybrid) Oak	Medium	Variable	Variable	
	Jack Pine	70		8 91	Ja	ack Pine	Low	Variable	Variable	
	White Oak	10		15	W	hite Oak	Low	Variable	Variable	



Stand	Level 4 Co	over Type Size Density Acres Stand Age BA Range Managed Site		ite	General Comments					
8	4126 - White, E			awtimber Mediu		109	1-50	N/A		Steeper terrain in spots. Shelterwood cut in 2014 leaving around 40 TSF of white and hybrid oak and scattered red and white pine. Regen i
Canopy Species % Cover Size Cla		Size Class	DBH Age		nopy Species	Density	Avg. Height	Size	heavy in some areas and a bit more open in others.	
Black	Red (Hybrid) Oak	30		12 109		ed (Hybrid) Oak	Medium	Variable	Variable	
	White Pine	5	Seedling	5	W	hite Pine	Low	Variable	Variable	
	Red Pine	5		14	Re	ed Maple	Medium	Variable	Variable	
	White Oak	60		14 109	Bigto	ooth Aspen	Low	Variable	Variable	
					W	hite Oak	High	Variable	Variable	
9	4310 - Pir	ne, Oak Miz	x	Sawtimber Wel	19.2	108	81-110	N/A		Larger overstory oak with pole/sapling sized white pine in the
C	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	understory. Hold for now to allow understory to develop further.
	White Pine	25	Seedling	5 45	W	hite Pine	High	10 - 20 feet	10 - 20 feet	
	Red Maple	10	Seedling	5 59	W	hite Oak	Low	Variable	Variable	
В	igtooth Aspen	5	Seedling	5 59	North	ern Pin Oak	Low	Variable	Variable	
	White Oak	10		12 108	Re	ed Maple	Medium	Variable	Variable	
No	rthern Pin Oak	25		10 108	Wi	tch Hazel	Medium	Variable	Variable	
	Red Pine	25		10 59	Pi	n Cherry	Low	Variable	Variable	
No	Jack Pine	20 80	Log Log	1 9						
11	42220 - Nati	ural Jack P	ine	Poletimber We	II 17.3	55	81-110	N/A		
C	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Old Comment: 2 aged/multi-aged JP stand with scattered oak/RP, some oak where stand is open to west, pockets of J3 scattered thru-
Black	Red (Hybrid) Oak	10		10	Black/Re	ed (Hybrid) Oak	Medium	Variable	Variable	out stand and some parts are more open-grown, good amount of oal
	Jack Pine	90		9 55						regeneration in spots, stand was left for visual and to balance age classesTrenched in 2014; INCOMPLETE red pine planting in 2015
12	42120 - Plan	nted Jack F	Pine	Sapling Well	25.7	31	81-110	N/A		jack pine plantation with scattered oak saplings. Stand is a mix of
C	Canopy Species	% Cover	Size Class	DBH Age						upland and lowland.
Black	/Red (Hybrid) Oak	15	Pole	2						
	Jack Pine	85	Pole	4 31						
13	6225	i - Bog		Unspecifed	9.1			No		
14	42120 - Plar	nted Jack F	ine	Sapling Well	22.6	20 I	mmature	N/A		Planted to jack pine in 2005
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	/Red (Hybrid) Oak	10	Log	2 20		ack Pine	Full			
	Jack Pine	90	Log	3 20			1			_
15	622 - Low	land Shruk	)	Unspecifed	9.6			No		Flood plain of Hudson creek.



Stand	Level 4 Co	over Type		Size De	nsity	Acres	Stand Age B	A Range	Managed S	Site	General Comments	
16	6120 - Lov	vland Ceda	ır	Poletimb	er Well	3.9	136	81-110	N/A	4	Mix of swamp hardwoods overtopping swamp conifers and	
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	tagalder/balsam fir in the sub-canopy, wet stand in the the floodplain of Hudson Creek, east lobe is heavier to hardwoods than the west	
	Balsam Fir	10	Seedling	7		Bal	sam Fir	Medium	Variable	Variable	lobe, both lobes are separated by an intermittent stream flowing into	
No	rthern White Cedar	50	Seedling	6	136	Ta	g Alder	Medium	5 - 10 feet	5 - 10 feet	Hudson Creek, HCVA = PART OF THIS STAND IS WITHIN THE	
	Red Maple	20	Seedling	8							BUFFER ZONE FOR A NATURAL RIVER (TRIBUTARY)	
	Paper Birch	20	Seedling	7								
17	42110 - Plar	nted Red Pi	ine	Sawtimb	er Well	3.7	78	141-170	N/A	4	west of Deep Woods road thinned in 1988, east of Deep Woods Roa	
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	thinned in 1998.	
	Red Pine	100		14	78	Re	ed Pine	Low	Variable	Variable		
				'		Black/Red	d (Hybrid) Oak	Low	Variable	Variable		
						Jac	ck Pine	Low	Variable	Variable		
						Bal	sam Fir	Low	Variable	Variable		
18	42121 - Planted Deci	Jack Pine, duous	Mixed	Sapling	y Well	43.2	35	51-80	N/A		Pole sized jack pine stand. Scattered islands of older jack were left along M-76 for visuals when it was cut	
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size		
Blac	ck/Red (Hybrid) Oak	25	Pole	4		Black/Red	d (Hybrid) Oak	Low	5 - 10 feet	5 - 10 feet		
	Jack Pine	70		5	35							
	White Oak	5	Pole	4								
19	4122 - 0	Dak, Pine	S	awtimber	· Mediu	m 4.0	116	1-50	N/A	4	small triangular stand left as buffer for cut to the south, decadent oal	
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	and jack pine but filling in nicely with a mix of conifer saplings, lots of jack pine blow-down, maintain as a buffer and let oak/JP over-story	
	White Oak	3		15		Re	ed Pine	Low	5 - 10 feet	5 - 10 feet	break-up naturally as stand is too small to bother with, oak/JP are	
	Red Pine	1	Seedling	5		Wh	ite Pine	Medium	10 - 20 feet	10 - 20 feet	poor quality, and conifers in the under-story are doing well	
Blac	ck/Red (Hybrid) Oak	65		17	116	Jac	ck Pine	Medium	10 - 20 feet	10 - 20 feet		
	White Pine	1	Seedling	5		Bal	sam Fir	Low	Variable	Variable		
	Jack Pine	30		11							•	
20	42121 - Planted Deci	Jack Pine, duous	Mixed	Poletimb		33.0	47	81-110	N/A	A	Pole sized jack pine with scattered oak transitioning to J6. Leave stand until next entry to allow stand to put on growth.	
	Canopy Species		Size Class		l Age		nopy Species	Density	Avg. Height	Size		
	White Oak	5		5			ite Oak	Low	Variable	Variable		
Blac	ck/Red (Hybrid) Oak	15		5			d (Hybrid) Oak	Low	Variable	Variable		
	Jack Pine	80		7	47	la	ck Pine	Low	Variable	Variable		

## Report 7 - Stands



Stand	Level 4 Co	over Type		Size De	nsity	Acres	Stand Age B	A Range	Managed S	ite	General Comments
21	4199 - Other Mixed	d Upland D	eciduous	Sapling I	Medium	n 14.8	24	1-50	N/A	ı	Removed aspen, jack pine, and maple in Fall 2000, Shelterwood cut
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Can	opy Species	Density	Avg. Height	Size	in Fall 2010, mostly log sized oak left. Leave for now to allow regen to develop further.
Blad	ck/Red (Hybrid) Oak	18		16	102	Black/Red	(Hybrid) Oak	Medium	Variable	Variable	dorotop tatator.
Blad	ck/Red (Hybrid) Oak	18	Log	1	24	Rec	l Maple	Medium	Variable	Variable	
	White Pine	14	Seedling	7		Wh	ite Oak	Medium	Variable	Variable	
	White Oak	4		16	102	Quaki	ng Aspen	Medium	Variable	Variable	
	White Oak	4	Log	1	24						
	Red Pine	2	Seedling	6							
	Red Maple	15	Log	1	24						
	Quaking Aspen	25	Pole	2	24						
22	4130	Aspen		Sapling	y Well	5.7	24	51-80	N/A	1	Nice A3 clone at the top of the ridge, regenerated in 2001, bulk of
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Can	opy Species	Density	Avg. Height	Size	stand is A3 but there are a few spots which are sparser
Blad	ck/Red (Hybrid) Oak	10	Pole	2		Black/Red	(Hybrid) Oak	Low	5 - 10 feet	5 - 10 feet	
	White Oak	5	Pole	2		•					
	Red Maple	25	Log	2	24						
	Quaking Aspen	60	Sapling	5	24						
23	42121 - Planted Deci	Jack Pine, duous	, Mixed	Saplino	y Well	38.5	22 I	mmature	N/A		planted to JP in 2003 after cutting in 2001
	Canopy Species	% Cover	Size Class	DBF	l Age						
	White Oak	10	Log	2	24						
Blad	ck/Red (Hybrid) Oak	30	Log	2	24						
	Jack Pine	60	Log	3	22						
24	4126 - White, E	Black, N. Pi	in Oak	Sapling	y Well	26.4	24 I	mmature	N/A		Cut 2001 with adjacent stands but much less jack pine than both
	Canopy Species	% Cover	Size Class	DBF	l Age						these other stands, also more white oak. The east part burned in a wildfire 10 to 20 years ago.
	White Oak	30	Log	2	24						Wilding to to 20 years ago.
	Quaking Aspen	10	Log	2	24						
	Red Maple	20	Log	2	24						
Blad	ck/Red (Hybrid) Oak	40	Log	2	24						
25	42121 - Planted Deci	Jack Pine, duous	, Mixed	Sapling	y Well	4.4	27 I	mmature	N/A		Cut and regenerated with stand to the south in 71039 (Stands 10/15) in 1998, planted JP and natural oak
	Canopy Species	% Cover	Size Class	DBF	l Age						
	White Oak	1	Log	1							
Blac	ck/Red (Hybrid) Oak	19	Log	2							
	Jack Pine	80	Log	3	27						



Stand	d Level 4 Co	over Type		Size Density	Acres	Stand Age E	BA Range	Managed S	ite	General Comments
26	4199 - Other Mixed	d Upland D	eciduous	Poletimber Well	4.8	102	81-110	N/A		Oak /Aspen stand near the top of a ridge, mostly oak to the north and aspen to the south. Difficult access due to steeper terrain and no
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	aspen to the south. Difficult access due to steeper terrain and no existing roads. Stand is in good shape and should hold for a while.
Bla	ck/Red (Hybrid) Oak	30		14 102	Wit	tch Hazel	Low	5 - 10 feet	5 - 10 feet	
	White Pine	2	Seedling	7	W	hite Oak	Low	< 5 feet	< 5 feet	
	White Oak	15		13 102						
	Red Maple	25	Seedling	7 60						
	Bigtooth Aspen	28		8 60						
27	4125 - Blac	k, N. Pin O	ak	Sapling Medium	20.5	24	Immature	N/A		Cut 2001 to 4" spec and allowed to regenerate naturally, stand mostly
	Canopy Species	% Cover	Size Class	DBH Age						oak saps from stump sprouts/seedling origin with some JP saps but has a few scattered pole size trees also
	White Oak	15	Log	2 24						
	Quaking Aspen	5	Log	2						
	Red Maple	5	Log	2						
Bla	ck/Red (Hybrid) Oak	50	Pole	3 24						
	Jack Pine	25	Pole	3 24						
28	42121 - Planted Deci	Jack Pine, duous	Mixed	Sapling Well	36.8	41	51-80	N/A		CUT TO 4" IN 1984 (OR WILDFIRE) AND THEN PLANTED WHICH CREATED A 2 AGED STAND, NOW LOGSIZE AND SOME
	Canopy Species	% Cover	Size Class	DBH Age						POLE/SAP SIZE JACK PINE. Hold and allow stand to put on growth.
Bla	ck/Red (Hybrid) Oak	20	Pole	3						
	Jack Pine	80		6 41						
29	6225	- Bog		Unspecifed	2.9			No		
30	42120 - Plar	ited Jack P	Pine	Poletimber Well	18.6	47	51-80	N/A		Pole sized Jack pine with a lot of saplings mixed in. Hold and allow
	Canopy Species	% Cover	Size Class	DBH Age						stand to put on growth.
Bla	ck/Red (Hybrid) Oak	15	Pole	4 47						
	Jack Pine	85	Sapling	6 47						
31	42120 - Plar	ited Jack P	Pine	Sapling Well	19.6	35	1-50	N/A	1	J3 planted 1990
	Canopy Species	% Cover	Size Class	DBH Age						
Bla	ck/Red (Hybrid) Oak	11	Log	2						
	White Pine	2	Seedling	5						
	Jack Pine	85	Log	2 35						
	Red Pine	2	Seedling	6						
32	4310 - Pir	ne, Oak Mix	×	Sapling Well	14.4	35	81-110	N/A		Planted in 1990, scattered oak saps and poles also, north end is
	Canopy Species		Size Class	DBH Age						heavier to hardwoods
Bla	ck/Red (Hybrid) Oak	30	Pole	3						
	Jack Pine	50	Sapling	5 35						
	Red Maple	5	Pole	3						
	Quaking Aspen	15	Pole	3						

## Report 7 - Stands



Stand	Level 4 Co	ver Type		Size De	nsity	Acres	Stand Age	BA Range	Managed Sit	te	General Comments
33	42121 - Planted Deci	Jack Pine, duous	Mixed	Sapling	Well	23.5	35	51-80	N/A		Jack pine planted in 1990, scattered oak saps and poles also, north end is heavier to hardwoods
(	Canopy Species	% Cover	Size Class	DBH	Age						
Black	k/Red (Hybrid) Oak	15	Pole	3							
	Jack Pine	75	Sapling	5	35						
	Red Maple	2	Pole	3							
C	Quaking Aspen	8	Pole	3							
34	42250 -	Pine, Oak		Sapling N	1edium	n 39.8	16	Immature	N/A		Cut summer 2009 to 4" Spec, left some oak and R/W pine SL's
C	Canopy Species	% Cover	Size Class	DBH	Age						
Black	k/Red (Hybrid) Oak	30	Log	1	16						
	White Pine	10	Seedling	5							
	Jack Pine	50	Log	1	16						
	White Oak	5	Log	1							
	Red Pine	5	Seedling	5							
35	6233 - W	et Meadow	1	Unspe	cifed	1.4			No		
D		l Jack Pine, Mixed ciduous		Sapling Medium		41.5	24	Immature	N/A		Cut 2000 with a 4" Spec and left to regenerate naturally, also scattered red and white pine poles were left. Stand is still somewhat open.
	Canopy Species	% Cover	Size Class		Age						орси.
	White Oak	1	Seedling	5							
Black	k/Red (Hybrid) Oak	25	Log	2							
	White Pine	2	Seedling	5							
	Jack Pine	65	Pole	3	24						
C	Quaking Aspen	3	Log	2							
	Red Maple	2	Log	2							
	Red Pine	2	Seedling	5							
38	42121 - Planted Deci	Jack Pine, duous	Mixed	Poletimb	er Wel	l 41.8	47	51-80	N/A		Planted 1978, jack pine is approaching pole-size, oak came in later and is a bit smaller. Hold for at least one more entry to allow stand to
(	Canopy Species	% Cover		DBH	Age		nopy Specie		Avg. Height	Size	put on growth.
Black	k/Red (Hybrid) Oak	20	Pole	3		Black/Red	d (Hybrid) Oa	ak Low	Variable	Variable	
	Jack Pine	80	Sapling	5	47	Wh	nite Oak	Trace	Variable	Variable	
39		Pine, Oak		Sapling N			10	1-50	N/A		Stand was final harvested in the spring 2015. Marked some oak and $\neg$ red pine for mast and visual. Left all oak 5 inches an under also.
	Canopy Species		Size Class		Age		nopy Specie		Avg. Height	Size	
Black	/Red (Hybrid) Oak	30	Pole	4	10		Cherry	Low	Variable	Variable	
	White Pine	5	Log	1	10		ern Pin Oak	Medium	>20 feet	>20 feet	
	Jack Pine	15	Log	1	10	Re	ed Pine	Trace	>20 feet	>20 feet	
	Balsam Fir	10	Log	1	10						
	Red Pine	10		10							
	Red Pine	30	Log	1	10						

## Report 7 - Stands



Stanc	d Level 4 Co	ver Type			nsity	ACIES	Stand Age I		Managed Si		General Comments
40	122 - Road	/Parking Lo	ot	Unspe	cifed	3.3			Yes		M-18
41	42220 - Natu	ıral Jack P	ine	Sawtimb	er Well	5.5	87	111-140	N/A		Mixed stand along M-18. Poor quality in all species but can hold
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	another ten years for visual along stand 5.
	Jack Pine	65		9	87	North	ern Pin Oak	Low	5 - 10 feet	5 - 10 feet	
	Northern Pin Oak	15	Seedling	8		R	ed Pine	Low	5 - 10 feet	5 - 10 feet	
	Red Pine	18	Seedling	8		Ja	ick Pine	Medium	5 - 10 feet	5 - 10 feet	
	Quaking Aspen	2		9					,		_
42	42111 - Planted Decid	Red Pine, duous	Mixed	Sapling	g Well	38.2	16	Immature	N/A		Stand was final harvested in the winter 2007/2008. It was trenched and planted to red pine in spring 2009. There is good oak natural
	Canopy Species	% Cover	Size Class	DBF	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	regeneration also,
	Red Pine	70	Log	2	16		ern Pin Oak	Medium			
Bla	ck/Red (Hybrid) Oak	20	Pole	3		R	ed Pine	Full			
	Jack Pine	10	Log	2					,		_
43	3301 - Low Densit	y Deciduo	us Trees	Unspe	o:fod	1.7			No		This is an old gravel pit with near vertical walls that are 30 feet tall.
					ciiea	1.7					
73		•		Onope	cirea		nony Snecies	Density		Size	This is an old graver pit with hear vertical waits that are so feet tail.
73				Опоро	ciiea	Sub-Ca	nopy Species ern Pin Oak	<b>Density</b>	Avg. Height	Size 10 - 20 feet	
44	42220 - Natu		ine	Poletimb	er Well	Sub-Ca Northo	ern Pin Oak 87	Low 81-110	Avg. Height 10 - 20 feet N/A	10 - 20 feet	
	Canopy Species	% Cover	ine Size Class	Poletimb DBH		Sub-Ca Northe 5.9 Sub-Ca	ern Pin Oak 87 nopy Species	81-110  Density	Avg. Height 10 - 20 feet N/A Avg. Height	10 - 20 feet Size	
44	Canopy Species Red Pine	% Cover	ine	Poletimb  DBH	er Well	Sub-Ca Northe 5.9 Sub-Ca	87 nopy Species	81-110  Density  Low	Avg. Height 10 - 20 feet  N/A  Avg. Height 5 - 10 feet	10 - 20 feet  Size 5 - 10 feet	
44	Canopy Species Red Pine ack/Red (Hybrid) Oak	<b>% Cover</b> 5 20	ine Size Class	Poletimb  DBH 5 10	er Well	Sub-Ca North 5.9 Sub-Ca WI	87 nopy Species nite Pine ack Pine	81-110 S Density Low Medium	Avg. Height 10 - 20 feet  N/A  Avg. Height 5 - 10 feet 5 - 10 feet	Size 5 - 10 feet 5 - 10 feet	
44	Canopy Species Red Pine ack/Red (Hybrid) Oak White Pine	% Cover 5 20 5	ine Size Class	Poletimb  DBH  5  10  10	er Well	Sub-Ca North 5.9 Sub-Ca WI	87 nopy Species	81-110  Density  Low	Avg. Height 10 - 20 feet  N/A  Avg. Height 5 - 10 feet	10 - 20 feet  Size 5 - 10 feet	
44	Canopy Species Red Pine ack/Red (Hybrid) Oak	<b>% Cover</b> 5 20	ine Size Class	Poletimb  DBH 5 10	er Well	Sub-Ca North 5.9 Sub-Ca WI	87 nopy Species nite Pine ack Pine	81-110 S Density Low Medium	Avg. Height 10 - 20 feet  N/A  Avg. Height 5 - 10 feet 5 - 10 feet	Size 5 - 10 feet 5 - 10 feet	
44	Canopy Species Red Pine ack/Red (Hybrid) Oak White Pine Jack Pine	% Cover 5 20 5	ine Size Class Seedling	Poletimb  DBH  5  10  10	er Well  Age  87	Sub-Ca Northe 5.9 Sub-Ca WI Ja Northe	87 nopy Species nite Pine ack Pine	81-110 S Density Low Medium	Avg. Height 10 - 20 feet  N/A  Avg. Height 5 - 10 feet 5 - 10 feet	Size 5 - 10 feet 5 - 10 feet	
<b>44</b>	Canopy Species Red Pine ack/Red (Hybrid) Oak White Pine Jack Pine	% Cover 5 20 5 70	ine Size Class Seedling	Poletimb  DBH 5 10 10 9 awtimber	er Well  Age  87	Sub-Ca Northo  5.9 Sub-Ca WI Ja Northo  1 8.4	87 nopy Species nite Pine ack Pine ern Pin Oak	81-110 S Density Low Medium Medium 51-80	Avg. Height 10 - 20 feet  N/A  Avg. Height 5 - 10 feet 5 - 10 feet 10 - 20 feet	Size 5 - 10 feet 5 - 10 feet	
<b>44</b>	Canopy Species  Red Pine ack/Red (Hybrid) Oak  White Pine  Jack Pine  4122 - C	% Cover	ine Size Class Seedling	Poletimb  DBH 5 10 10 9 awtimber	er Well  Age  87	Sub-Ca Northe 5.9 Sub-Ca WI Ja Northe n 8.4 Sub-Ca	87 nopy Species nite Pine nck Pine ern Pin Oak  98	81-110 S Density Low Medium Medium 51-80 S Density	Avg. Height 10 - 20 feet  N/A  Avg. Height 5 - 10 feet 10 - 20 feet  N/A	Size 5 - 10 feet 5 - 10 feet 10 - 20 feet	
<b>44</b> Bla <b>45</b>	Canopy Species  Red Pine ack/Red (Hybrid) Oak  White Pine Jack Pine  4122 - C  Canopy Species	% Cover	ine Size Class Seedling	Poletimb  DBH  5 10 10 9  awtimber	er Well  Age  87	Sub-Ca Northe 5.9 Sub-Ca WI Ja Northe n 8.4 Sub-Ca Black/Re	87 nopy Species nite Pine ack Pine ern Pin Oak  98 nopy Species	81-110 S Density Low Medium Medium 51-80 S Density	Avg. Height 10 - 20 feet  N/A  Avg. Height 5 - 10 feet 5 - 10 feet 10 - 20 feet  N/A  Avg. Height	Size 5 - 10 feet 5 - 10 feet 10 - 20 feet	
8la 45	Canopy Species Red Pine ack/Red (Hybrid) Oak White Pine Jack Pine 4122 - C Canopy Species Red Pine	% Cover 5 20 5 70 Dak, Pine % Cover 10	ine Size Class Seedling	Poletimb  DBH  5 10 10 9  awtimber	er Well Age 87 r Medium	Sub-Ca Northe 5.9 Sub-Ca WI Ja Northe n 8.4 Sub-Ca Black/Re	ern Pin Oak  87  nopy Species nite Pine ack Pine ern Pin Oak  98  nopy Species d (Hybrid) Oak	81-110 S Density Low Medium Medium  51-80 S Density C Low	Avg. Height 10 - 20 feet  N/A  Avg. Height 5 - 10 feet 10 - 20 feet  N/A  Avg. Height 5 - 10 feet	Size 5 - 10 feet 5 - 10 feet 10 - 20 feet Size 5 - 10 feet	
<b>44</b> Bla <b>45</b>	Canopy Species Red Pine ack/Red (Hybrid) Oak White Pine Jack Pine 4122 - C Canopy Species Red Pine ack/Red (Hybrid) Oak	% Cover	Size Class Seedling Size Class	Poletimb  DBH 5 10 10 9 awtimber DBH 9 12	87  Medium  Age  98	Sub-Ca Northe 5.9 Sub-Ca WI Ja Northe n 8.4 Sub-Ca Black/Re	ern Pin Oak  87  nopy Species nite Pine nck Pine ern Pin Oak  98  nopy Species d (Hybrid) Oak nite Pine	81-110 S Density Low Medium Medium  51-80 S Density  Low Low Low	Avg. Height  10 - 20 feet  N/A  Avg. Height  5 - 10 feet  10 - 20 feet  N/A  Avg. Height  5 - 10 feet  5 - 10 feet  5 - 10 feet	Size 5 - 10 feet 5 - 10 feet 10 - 20 feet  Size 5 - 10 feet 5 - 10 feet 5 - 10 feet 5 - 10 feet	
44 Bla 45	Canopy Species Red Pine ack/Red (Hybrid) Oak White Pine Jack Pine 4122 - C Canopy Species Red Pine ack/Red (Hybrid) Oak Jack Pine 122 - Road 4191 - Mixed Uplan	% Cover	Size Class Seedling Size Class	Poletimb    5	ar Well 87 Medium 1 Age 98	Sub-Ca Northe 5.9 Sub-Ca WI Ja Northe n 8.4 Sub-Ca Black/Re WI R	ern Pin Oak  87  nopy Species nite Pine nck Pine ern Pin Oak  98  nopy Species d (Hybrid) Oak nite Pine	81-110 S Density Low Medium Medium  51-80 S Density  Low Low Low	Avg. Height 10 - 20 feet  N/A  Avg. Height 5 - 10 feet 10 - 20 feet  N/A  Avg. Height 5 - 10 feet 10 - 20 feet  5 - 10 feet 5 - 10 feet 5 - 10 feet 5 - 10 feet	Size 5 - 10 feet 5 - 10 feet 10 - 20 feet  Size 5 - 10 feet 5 - 10 feet 5 - 10 feet 5 - 10 feet	Tisdale cross-country ski trail parking lot.  Stand final harvested spring 2015. Was trenched and planted to red pine 2016, FTP C71-945. The natural regeneration has come back
44 Bla 45 Bla	Canopy Species Red Pine ack/Red (Hybrid) Oak White Pine Jack Pine 4122 - C Canopy Species Red Pine ack/Red (Hybrid) Oak Jack Pine 122 - Road 4191 - Mixed Uplan	% Cover	Size Class Seedling Size Class	Poletimb  DBH 5 10 10 9 awtimber 9 12 7 Unspec	ar Well 87 Medium 1 Age 98	Sub-Ca Northe 5.9 Sub-Ca WI Ja Northe n 8.4 Sub-Ca Black/Re WI R	ern Pin Oak  87  nopy Species nite Pine ack Pine ern Pin Oak  98  nopy Species d (Hybrid) Oak nite Pine ed Pine	81-110 S Density Low Medium Medium  51-80 S Density C Low Low Low	Avg. Height 10 - 20 feet  N/A  Avg. Height 5 - 10 feet 10 - 20 feet  N/A  Avg. Height 5 - 10 feet 10 - 20 feet  N/A  Avg. Height 5 - 10 feet 5 - 10 feet No	Size 5 - 10 feet 5 - 10 feet 10 - 20 feet  Size 5 - 10 feet 5 - 10 feet 5 - 10 feet 5 - 10 feet	Tisdale cross-country ski trail parking lot.  Stand final harvested spring 2015. Was trenched and planted to red pine 2016, FTP C71-945. The natural regeneration has come back very well. Is a mixed stand. With the tre urban interface, best not to
44 Bla 45 Bla	Canopy Species Red Pine ack/Red (Hybrid) Oak White Pine Jack Pine  4122 - C Canopy Species Red Pine ack/Red (Hybrid) Oak Jack Pine  122 - Road/	% Cover	Size Class Seedling Size Class Size Class	Poletimb  DBH 5 10 10 9 awtimber 9 12 7 Unspec	aer Well  87  Medium  Age  98  Grifed	Sub-Ca Northe 5.9 Sub-Ca WI Ja Northe n 8.4 Sub-Ca Black/Re WI R	ern Pin Oak  87  nopy Species nite Pine ack Pine ern Pin Oak  98  nopy Species d (Hybrid) Oak nite Pine ed Pine	81-110 S Density Low Medium Medium  51-80 S Density C Low Low Low	Avg. Height 10 - 20 feet  N/A  Avg. Height 5 - 10 feet 10 - 20 feet  N/A  Avg. Height 5 - 10 feet 10 - 20 feet  N/A  Avg. Height 5 - 10 feet 5 - 10 feet No	Size 5 - 10 feet 5 - 10 feet 10 - 20 feet  Size 5 - 10 feet 5 - 10 feet 5 - 10 feet 5 - 10 feet	Tisdale cross-country ski trail parking lot.  Stand final harvested spring 2015. Was trenched and planted to red pine 2016, FTP C71-945. The natural regeneration has come back
44 Bla 45 Bla	Canopy Species Red Pine ack/Red (Hybrid) Oak White Pine Jack Pine 4122 - C Canopy Species Red Pine ack/Red (Hybrid) Oak Jack Pine 122 - Road 4191 - Mixed Uplat Cor Canopy Species	% Cover   5   20   5   70   20   5   70   20   70   20   70   20   70   20   70   20   70   7	size Class Seedling Size Class Size Class Dus with Size Class	Poletimb  DBH 5 10 10 9 awtimber 9 12 7 Unspec	aer Well  87  Medium  Age  98  Grifed	Sub-Ca Northe 5.9 Sub-Ca WI Ja Northe n 8.4 Sub-Ca Black/Re WI R	ern Pin Oak  87  nopy Species nite Pine ack Pine ern Pin Oak  98  nopy Species d (Hybrid) Oak nite Pine ed Pine	81-110 S Density Low Medium Medium  51-80 S Density C Low Low Low	Avg. Height 10 - 20 feet  N/A  Avg. Height 5 - 10 feet 10 - 20 feet  N/A  Avg. Height 5 - 10 feet 10 - 20 feet  N/A  Avg. Height 5 - 10 feet 5 - 10 feet No	Size 5 - 10 feet 5 - 10 feet 10 - 20 feet  Size 5 - 10 feet 5 - 10 feet 5 - 10 feet 5 - 10 feet	Tisdale cross-country ski trail parking lot.  Stand final harvested spring 2015. Was trenched and planted to red pine 2016, FTP C71-945. The natural regeneration has come back very well. Is a mixed stand. With the treban interface, best not to



Stan	d Level 4 Co	over Type		Size Density	Acres	Stand Age	BA Range	Managed S	iite	General Comments
50	4130	- Aspen		Sapling Well	6.7	17	Immature	N/A	1	Good aspen regeneration. Was harvested in the winter 2007/2008.
	Canopy Species	% Cover	Size Class	DBH Age						
Bla	ack/Red (Hybrid) Oak	10	Pole	2 17						
	White Pine	10	Pole	3						
	Quaking Aspen	80	Log	2 17						
51	4310 - Pir	ne, Oak Mix	x	Sapling Well	22.3	10	Immature	N/A	1	Stand was treated in the spring 2015. Removed all species to 2 inch accept the oaks. Left all white oaks and marked 10-20 basal area of
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size	large wolfy pin oaks for mast, seeding, and visual.
Bla	ack/Red (Hybrid) Oak	40	Log	2 10	North	ern Pin Oak	Low	>20 feet	>20 feet	g,, p
Bla	ack/Red (Hybrid) Oak	15		10 108						
	White Pine	5	Log	2						
	Jack Pine	35	Log	2 10						
	Red Pine	5	Pole	3						
53	4191 - Mixed Upla Co	and Decidu	ous with	Sapling Mediu	-	10	Immature	N/A	1	Stand was final harvest leaving all red pine and oaks five inches or less. Have some good pockets of oak regeneration already along with red manle.
	Canopy Species	% Cover	Size Class	DBH Age						red maple.
Bla	ack/Red (Hybrid) Oak	15	Log	2						
	White Pine	35	Log	2 10						
	Red Maple	50	Log	2 10						
54	4310 - Pir	ne, Oak Mix	x S	awtimber Med		98	81-110	N/A	1	There is heavy white pine regeneration in the understory. The overstory consists of white pine and mature pin oak. The west end of
	Canopy Species	% Cover	Size Class	DBH Age	1	nopy Species	s Density	Avg. Height	Size	stand is thinner in canopy and has white spruce regen.
Bla	ack/Red (Hybrid) Oak	42		12 98		ern Pin Oak	Low	5 - 10 feet	5 - 10 feet	
	White Pine	30		9	Wh	ite Spruce	Medium	10 - 20 feet	10 - 20 feet	
	Jack Pine	20		9	W	hite Pine	High	10 - 20 feet	10 - 20 feet	
	Red Pine	8		12	Ja	ack Pine	Low	5 - 10 feet	5 - 10 feet	
55	42141 - Planted Deci	Mixed Pine iduous	, Mixed	Sapling Well	11.8	28	Immature	N/A	1	Trenched and planted in 1997 to red pine. The red pine survival was marginal on this site. Heavy natural jack pine regeneration came
	Canopy Species	% Cover	Size Class	DBH Age						back giving a good mix of species. Scattered log sized oak were also left.
	Northern Pin Oak	28		5						
	Red Pine	30	Pole	2 28						
	White Pine	2	Log	1 28	_					
	6117 - Lowland		Mixed	Sawtimber Po	or 1.8	118	81-110	N/A	1	Lowland maple stand with a mix of conifers. Overstory is dieing out in places. Allow stand to transition on its own. Old railroad grade bisects
56		ferous								at and
56			Size Class	DBH Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size	stand.
56	Coni		Size Class	DBH Age		nopy Species	s Density High	Avg. Height >20 feet	Size >20 feet	stand.
56	Canopy Species	% Cover	Size Class		Ва					stand.
56	Canopy Species White Pine	<b>% Cover</b>	Size Class	8	Ba Re	lsam Fir	High	>20 feet	>20 feet	stand.



Stand	Level 4 Co	ver Type		Size De	nsity	Acres S	Stand Age B	A Range	Managed Si	te	General Comments
57	4122 - 0	Oak, Pine		Sapling	Well	13.4	17 I	mmature	N/A		Good oak regeneration from both acorn and stump sprouting. Stand was final harvested in the winter 2007/2008.
(	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	was iiriai fiaivested iii the winter 2007/2006.
Black	k/Red (Hybrid) Oak	65	Log	2	17	Norther	n Pin Oak	High			
	White Pine	10	Sapling	5		Whit	te Pine	Low			
	Jack Pine	25	Log	2		Jacl	k Pine	Medium			
59	4310 - Pin	e, Oak Mix	;	Sapling N	1edium	25.7	10 I	mmature	N/A		Stand treated in the Spring 2015. Had good oak regeneration already
(	Canopy Species	% Cover	Size Class	DBH	Age						started with some jack pine also.
Black	k/Red (Hybrid) Oak	50	Log	2	10						
	Jack Pine	50	Log	2	10						
60	42220 - Natu	ıral Jack Pi	ine	Poletimb	er Well	13.2	97	81-110	N/A		
1	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	
Black	k/Red (Hybrid) Oak	5		10		Jacl	k Pine	Low	5 - 10 feet	5 - 10 feet	
	Jack Pine	75		8	97	Norther	n Pin Oak	Low	5 - 10 feet	5 - 10 feet	
	Red Pine	20		9		Red	d Pine	Medium	5 - 10 feet	5 - 10 feet	
61	42220 - Natu			Poletimbe	er Poor	3.7	44	1-50	N/A		Site was an old gravel pit that was receiving illegal ORV and large truck traffic hill climbing. In the spring of 2015 the side slopes were
	Canopy Species	% Cover	Size Class	DBH	Age		opy Species	Density	Avg. Height	Size	pushed down and area leveled out more. Jack pine tops were then
No	orthern Pin Oak	10	Seedling	6		Jacl	k Pine	Low	5 - 10 feet	5 - 10 feet	brought in and scattered from an adjacent timber sale.
C	Quaking Aspen	15	Seedling	6		Norther	n Pin Oak	Low	5 - 10 feet	5 - 10 feet	
	Jack Pine	75	Seedling	6	44	Quakir	ng Aspen	Low	5 - 10 feet	5 - 10 feet	
62	42220 - Natu	ıral Jack Pi	ne Po	oletimber	Mediur	n 21.1	97	81-110	N/A		
(	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	
Black	k/Red (Hybrid) Oak	12							Avg. Height	3126	
		12		11		Black/Red	(Hybrid) Oak	Medium	5 - 10 feet	5 - 10 feet	
	Jack Pine	85		9	97		(Hybrid) Oak k Pine	Medium Low			
	Jack Pine Red Pine		Seedling		97				5 - 10 feet	5 - 10 feet	
63	Red Pine 42250 - I	85		9 9 Sapling M	1edium				5 - 10 feet	5 - 10 feet	This site was final harvest in the winter 2007/2008 and has poor
	Red Pine	85		9 9 Sapling N		Jacl	k Pine	Low	5 - 10 feet < 5 feet	5 - 10 feet	This site was final harvest in the winter 2007/2008 and has poor natural regeneration. It was supposed to have been trenched and planted to red pine with stand 5 but was overlooked. It was approved
(	Red Pine 42250 - I	85 3 Pine, Oak		9 9 Sapling N	1edium	Jacl	k Pine	Low	5 - 10 feet < 5 feet	5 - 10 feet	natural regeneration. It was supposed to have been trenched and planted to red pine with stand 5 but was overlooked. It was approved at Compartment Review to be trenched and plant to red pine. Site
(	Red Pine 42250 - I Canopy Species	85 3 Pine, Oak	Size Class	9 9 Sapling N	ledium Age	Jacl	k Pine	Low	5 - 10 feet < 5 feet	5 - 10 feet	natural regeneration. It was supposed to have been trenched and planted to red pine with stand 5 but was overlooked. It was approved
(	Red Pine  42250 - I  Canopy Species  orthern Pin Oak	85 3 Pine, Oak % Cover 40 60	Size Class Pole Pole	9 9 Sapling N DBH	Age 17	Jacl	k Pine	Low	5 - 10 feet < 5 feet	5 - 10 feet	natural regeneration. It was supposed to have been trenched and planted to red pine with stand 5 but was overlooked. It was approved at Compartment Review to be trenched and plant to red pine. Site visit in May 2015 shows the site to be stocked enough naturally that it does not need to be planted.  All the jack pine and oak was removed in 2008. The basal areas/size
64	Red Pine  42250 - I  Canopy Species  orthern Pin Oak  Jack Pine	85 3 Pine, Oak % Cover 40 60	Size Class Pole Pole	9 9 Sapling N DBH 4 4	Medium  Age 17 17	Jacl 1.9 n 10.6	k Pine	1-50	5 - 10 feet < 5 feet N/A	5 - 10 feet	natural regeneration. It was supposed to have been trenched and planted to red pine with stand 5 but was overlooked. It was approved at Compartment Review to be trenched and plant to red pine. Site visit in May 2015 shows the site to be stocked enough naturally that it does not need to be planted.
64	Red Pine  42250 - I  Canopy Species  orthern Pin Oak  Jack Pine  42210 - Nate	85 3 Pine, Oak % Cover 40 60	Size Class Pole Pole	9 9 Sapling N DBH 4 4	Medium  Age 17 17	1.9 n 10.6 Sub-Cano	17 68	1-50 81-110	5 - 10 feet < 5 feet N/A	5 - 10 feet < 5 feet	natural regeneration. It was supposed to have been trenched and planted to red pine with stand 5 but was overlooked. It was approved at Compartment Review to be trenched and plant to red pine. Site visit in May 2015 shows the site to be stocked enough naturally that it does not need to be planted.  All the jack pine and oak was removed in 2008. The basal areas/size



Stand	Level 4 Co	ver Type		Size De	nsity	Acres	Stand Age	BA Range	Managed Si	ite	General Comments
65	42250 - I	Pine, Oak	S	awtimber	Medium	2.2	101	51-80	N/A		Even mix of both oak and jack pine but on the slightly sparser side.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size	
	Red Pine	20		12		Re	ed Pine	Low	< 5 feet	< 5 feet	
Blac	ck/Red (Hybrid) Oak	40		11	101	Black/Red	d (Hybrid) Oa	k Medium	< 5 feet	< 5 feet	
	Jack Pine	40		9		Ja	ck Pine	Low	< 5 feet	< 5 feet	
66	4310 - Pin	ie, Oak Mix		Sapling	Poor	6.3	29	81-110	N/A		Was harvested, trenched, and replanted to red pine in 1996 but
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size	failed. The regeneration is good but it is an even mix of jack pine and oak. Can't discern it was a plantation except for some areas where
	White Pine	5		3	29	Black/Red	d (Hybrid) Oa	k Medium	Variable	Variable	the red pine are in rows for a short distance. The jack pine grew back
	Jack Pine	15		3	29	Pir	Cherry	Low	Variable	Variable	into the trenches thick in spots. Some scattered pole sized red pine
Ν	Northern Pin Oak	45		6	29						and oak left post harvest.
	Red Pine	35		6	29						
67	4310 - Pin	e, Oak Mix		Sapling	y Well	1.7	10	Immature	N/A		Stand harvest in spring 2015. All species removed. Oak harvested
	Canopy Species	% Cover	Size Class	DBH	Age						down to 5 inches. Some good oak regeneration already started.
	Red Pine	5	Log	2							
Blac	ck/Red (Hybrid) Oak	55	Pole	3	10						
	Jack Pine	40	Log	2	10						
68	42250 - I	Pine, Oak	,	Sapling N	Medium	23.6	20	1-50	N/A		Stand was harvested in the spring of 2005. Mixed stand in fair condition with more oak in the sub-canopy.
	Canopy Species	% Cover	Size Class	DBH	Age						condition with more oak in the sub-canopy.
	Jack Pine	60	Log	3	20						
٨	Northern Pin Oak	40	Log	3	20						
69	4310 - Pin	ie, Oak Mix	r Po	oletimber	Medium	1 4.9	88	81-110	N/A		Sparse mixed stand predominantly jack pine with oak. Lot of dead
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size	oak in the overstory but good in the understory.
	Red Pine	3		12		Northe	rn Pin Oak	High	< 5 feet	< 5 feet	
Blac	ck/Red (Hybrid) Oak	45		12	101	Re	ed Pine	Low	< 5 feet	< 5 feet	
	White Pine	2	Seedling	9		Ja	ck Pine	Medium	5 - 10 feet	5 - 10 feet	
	Jack Pine	50		9	88						_
75	42220 - Natu	ıral Jack Pi	ne	Sapling	y Well	22.2	29	1-50	N/A		Seed tree harvested in 1996. It was then trenched and planted to rec
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Specie	s Density	Avg. Height	Size	pine but failed. Leave the remaining overstory oak because removal would cause too much damage to the regeneration. Mostly jack pine
Blac	ck/Red (Hybrid) Oak	25		8		Northe	rn Pin Oak	Medium	5 - 10 feet	5 - 10 feet	and oak now with a few red pine that survived.
	Jack Pine	65	Pole	4	29	Ja	ck Pine	High	5 - 10 feet	5 - 10 feet	
	Red Pine	10	Pole	3							_
76	4122 - C	Oak, Pine		Sapling	ı Well	45.2	10	Immature	N/A		Stand harvested in the Spring 2015 removing all species. There is
	Canopy Species	% Cover	Size Class	DBH	Age						some jack pine regeneration but more oak.
Blac	ck/Red (Hybrid) Oak	60	Log	2	10						
	Jack Pine	35	Log	2	10						
	Red Pine										



Stand	Level 4 Co	ver Type		Size De	nsity	Acres	Stand Age E	BA Range	Managed Sit	te	General Comments
77	42220 - Natu	ıral Jack P	ine	Poletimb	er Well	29.8	79	81-110	N/A		
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
Blac	k/Red (Hybrid) Oak	15		10			rn Pin Oak	Medium	Variable	Variable	
	Jack Pine	85	Seedling	8	79	Jac	ck Pine	Low	< 5 feet	< 5 feet	
78	110 - Low In	tensity Urb	oan	Unspe	cifed	2.0			No		Gardiner Road
79	42120 - Plan	ted Jack P	ine	Sapling	g Well	89.7	9	Immature	N/A		Stand was harvested in the spring of 2015 and planted that following
	Canopy Species	% Cover	Size Class	DBH	I Age						summer. Stand should be planted to jack pine in 2016. The Tisdale ski trail loops through the stand.
Blac	k/Red (Hybrid) Oak	5	Log	1							
	Jack Pine	95	Log	1	9						
80	42121 - Planted Decid	Jack Pine, duous	Mixed	Sapling	g Well	4.4	17	Immature	N/A		Stand was harvested leaving all oak and pine under 4" and theen was plated with jack pine. There is also some oak stump sprouts present.
	Canopy Species	% Cover	Size Class	DBH	I Age						
	Jack Pine	75	Pole	2	17						
١	lorthern Pin Oak	25	Pole	2							
81	42121 - Planted Decid	Jack Pine, duous	Mixed	Sapling	g Well	22.6	30	51-80	N/A		
	Canopy Species	% Cover	Size Class	DBH	I Age						
Blac	k/Red (Hybrid) Oak	30	Sapling	5							
	Jack Pine	70	Sapling	5	30						
82	42120 - Plan	ted Jack P	ine	Sapling	g Well	22.6	31	51-80	N/A		Plantation with oak sprouts mixed in along with some older
	Canopy Species	% Cover	Size Class	DBH	I Age						supercanopy oak.
	lorthern Pin Oak	5	Log	2							
١	lorthern Pin Oak	2		10							
	Jack Pine	93	Pole	4	31						
83	42120 - Plan	ted Jack P	ine	Sapling	y Well	8.4	17	81-110	N/A		Stand was harvested leaving all oak and pine under 4" and then was planted with jack pine. There is also some oak stump sprouts present.
	Canopy Species	% Cover	Size Class	DBH	I Age						planted with Jack pine. There is also some dak stump sprouts present.
	Jack Pine	85	Pole	3	17						
١	lorthern Pin Oak	15	Pole	3							
84	42120 - Plan	ted Jack P	ine	Sapling	g Well	23.5	31	51-80	N/A		
	Canopy Species		Size Class		I Age		nopy Species		Avg. Height	Size	
	Red Pine	8		9		Black/Red	d (Hybrid) Oak	Low	5 - 10 feet	5 - 10 feet	
Blac	k/Red (Hybrid) Oak	10		6		Jac	ck Pine	Low	5 - 10 feet	5 - 10 feet	
	Jack Pine	82	Sapling	6	31						$oldsymbol{1}$

Roscommon Mgt. Unit



Stand	Level 4 Co	over Type		Size De	nsity	Acres	Stand Age	BA Range	Managed Si	te	General Comments
85	42120 - Plan	ted Jack P	Pine	Sapling	Well	7.1	31	1-50	N/A		
(	Canopy Species	% Cover	Size Class	DBH	Age						
	Jack Pine	95	Pole	4	31						
No	orthern Pin Oak	5	Pole	3							
86	42120 - Plan	ted Jack P	ine	Sapling I	/ledium	19.1	17	Immature	N/A		Stand was harvested leaving all oak and pine under 4" and then was planted with jack pine. There is also some oak stump sprouts present.
	Canopy Species	% Cover	Size Class	DBH	Age						planted with jack pine. There is also some oak stump sprouts present.
Black	/Red (Hybrid) Oak	10	Pole	2							
	Jack Pine	90	Pole	3	17						
87	42120 - Plan	ted Jack P	Pine	Sapling	Well	21.3	31	81-110	N/A		
(	Canopy Species	% Cover	Size Class	DBH	Age						
Black	/Red (Hybrid) Oak	10	Pole	4							
	Jack Pine	90	Sapling	5	31						
89	42220 - Natu	ıral Jack P	ine	Sapling	Well	11.9	31	81-110	N/A		
(	Canopy Species	% Cover	Size Class	DBH	Age						
	Jack Pine	95	Sapling	6	31						
No	orthern Pin Oak	5	Log	2							
90	42120 - Plan	ted Jack P	ine	Sapling	Poor	20.2	17	Immature	N/A		Stand was harvested leaving all oak and pine under 4" and theen was
(	Canopy Species	% Cover	Size Class	DBH	Age						plated with jack pine. There is also some oak stump sprouts present.
Black	/Red (Hybrid) Oak	10	Pole	2							
	Jack Pine	90	Pole	3	17						
91	42110 - Plar	nted Red P	ine	Sapling	Well	19.3	16	Immature	N/A		Stand was final harvested in the winter 2007/2008. It was then
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	anopy Specie	es Density	Avg. Height	Size	trenched and plant to red pine in the spring 2009. Good mix of natural oak regeneration coming in also.
Black	/Red (Hybrid) Oak	15	Pole	3			ern Pin Oak	Medium			
	Red Pine	85	Pole	3	16	R	Red Pine	Full			
92	42250 -	Pine, Oak	S	Sawtimber	Mediu	m 40.8	94	81-110	N/A		
(	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	anopy Specie	es Density	Avg. Height	Size	
Black	/Red (Hybrid) Oak	35		11		Ja	ack Pine	Medium	5 - 10 feet	5 - 10 feet	
	Jack Pine	65		11	94	North	ern Pin Oak	High	5 - 10 feet	5 - 10 feet	
93	42220 - Natu	ıral Jack P	ine	Sapling I		17.0	17	Immature	N/A		Have a good carpet of jack pine seedlings mixed in with large saplings.
(	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	anopy Specie	es Density	Avg. Height	Size	
	Jack Pine	70	Pole	4	17	North	ern Pin Oak	Low	< 5 feet	< 5 feet	
No	orthern Pin Oak	20	Pole	2		Ja	ack Pine	Medium	< 5 feet	< 5 feet	
	Red Pine	10	Sapling	5							



Stand	Level 4 Co	ver Type		Size De	nsity	Acres	Stand Age	BA Range	Managed Si	te	General Comments
94	42121 - Planted Decid	Jack Pine, duous	Mixed	Sapling	Well	12.3	29	1-50	N/A		Stand was harvested, trenched, and planted to red pine in 1996 but failed. Very little of red pine survived. Came back good to jack pine
C	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size	and oak naturally. An old railroad grade bisects the stand and has been built up over 20 feet above the ground level. When they
No	orthern Pin Oak	30	Log	2	29	Ja	ick Pine	Low	5 - 10 feet	5 - 10 feet	harvested they left the trees on the railroad grade sides to help it not
	Red Pine	10	Log	2	29	Ва	lsam Fir	Low	5 - 10 feet	5 - 10 feet	to errode.
95	42250 - 1	Pine, Oak	Р	oletimber	Mediur	m 20.4	84	81-110	N/A		More open stand with better oak and pine regeneration in sapling and
C	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size	pole sizes.
	Red Pine	5		12		Ja	ick Pine	Medium	5 - 10 feet	5 - 10 feet	
Black	/Red (Hybrid) Oak	40		11		North	ern Pin Oak	Medium	5 - 10 feet	5 - 10 feet	
	Jack Pine	55		9	84			·			-
96	4122 - 0	ak, Pine		Sapling	Well	17.9	17	Immature	N/A		Good oak regenration coming back by acorn and stump sprouting.
C	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size	Was final harvested in the winter 20007/2008.
Black	/Red (Hybrid) Oak	65	Pole	2	17	North	ern Pin Oak	High			
	White Pine	5	Seedling	5		WI	nite Pine	Low			
	Jack Pine	30	Pole	2		Ja	ick Pine	Medium			
97	4310 - Pin	e, Oak Mix	(	Sapling N	/ledium	12.0	20	1-50	N/A		Stand was final harvested in spring in 2005. The oak regeneration is heavier in both canopy and sub-canopy. Will be a good mixed stand.
C	Canopy Species	% Cover	Size Class	DBH	Age						Theaver in both carropy and sub-carropy. Will be a good mixed stand.
	Red Pine	10	Pole	2							
Black	/Red (Hybrid) Oak	55	Sapling	5	20						
	Jack Pine	35	Pole	4							
98	42290 - Natu	ral Mixed F	Pine S	awtimber	Mediur	m 2.4	101	81-110	N/A		Mix of red pine and jack pine. Jack pine is starting to die out. Leave
C	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size	stand for diversity and visual along the ski trail.
	Red Pine	51		12	101	Re	d Maple	High	>20 feet	>20 feet	
	Jack Pine	49		9		R	ed Pine	Low	>20 feet	>20 feet	
						Ва	lsam Fir	Medium	>20 feet	>20 feet	
99	4310 - Pin	e, Oak Mix	(	Sapling	Well	8.3	28	1-50	N/A		Large sawlog sized oaks left post harvest. Both the oak and jack pine
C	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size	regeneration is good. Fairly even mix. Seeded with jack pine in 1997.
	Jack Pine	55		3	28	North	ern Pin Oak	Medium	< 5 feet	< 5 feet	
No	orthern Pin Oak	43	Pole	3	28	Ja	ick Pine	Medium	< 5 feet	< 5 feet	
No	orthern Pin Oak	2		11							
100	42220 - Natu			Sapling		16.0	15	Immature	N/A	_	Stand was final harvested and had the tops spread on the pine/conifer and not chipped. Tried to get natural seeding from the cones. If
C	Canopy Species		Size Class		Age						regeneration fails, plant jack pine.
	Pin Cherry	5	Log	2							
Black	/Red (Hybrid) Oak	15	Log	2							
	Jack Pine	75	Log	2	15						
V	White Spruce	5	Log	2							



Stand	Level 4 Co	over Type		Size De	ensity	Acres	Stand Age B	A Range	Managed S	ite	General Comments
101	4310 - Pir	ne, Oak Mix	(	Saplin	g Well	22.3	28	51-80	N/A		Good regeneration that was seeded with jack pine in 1997. There is supercanopy oaks left from the harvest that are starting to die. There
	Canopy Species		Size Class		l Age		nopy Species	Density	Avg. Height	Size	was a high percentage left but damages caused to the understory b
Ν	lorthern Pin Oak	8		15		Northe	rn Pin Oak	High	< 5 feet	< 5 feet	trying to remove them far out weighs the benefit of their removal.
Ν	lorthern Pin Oak	38	Pole	3		Red	d Maple	Low	< 5 feet	< 5 feet	
	Red Maple	2		3		Jac	ck Pine	High	< 5 feet	< 5 feet	
	White Pine	5	Seedling	5							
	Jack Pine	47	Pole	3	28						
102	4319 - Mixed	Upland Fo	rest	Poletimb	er Well	11.7	105	81-110	N/A		Diverse stand in the pole size class with thick understory
	Canopy Species	% Cover	Size Class	DBI	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	regeneration. Predominantly balsam fir.
	Red Maple	20		8		Bal	sam Fir	Medium	10 - 20 feet	10 - 20 feet	
	Balsam Fir	20		8		Red	d Maple	Low	10 - 20 feet	10 - 20 feet	
	White Pine	5	Seedling	8		Wh	ite Pine	Low	10 - 20 feet	10 - 20 feet	
	Jack Pine	25		9					I	1	1
Ν	lorthern Pin Oak	25		12	105						
	Quaking Aspen	5	Seedling	8							
104	6124 - Lowla	and Spruce	-Fir Po	oletimbe	r Mediur	m 4.0	55	81-110	N/A		Mixed lowland conifer stand with a smal amount of decidous.
	Canopy Species	% Cover	Size Class	DBI	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
	White Pine	10		14		Ta	g Alder	Medium	Variable	Variable	
	Black Spruce	30		8	55						
Nor	thern White Cedar	20		8							
	Red Maple	5		6							
	Paper Birch	10		8							
	Balsam Fir	25		7							
105	622 - Low	land Shrub	)	Unspe	ecifed	38.8			No		Flood plain of the South Branch AuSable River.
106	6131 - Hemlock, V	White Pine,	Maple,	Poletimb	er Well	3.3	100	111-140	N/A	i.	Very mixed stand with poorly drained soils. Leave for diversity/buffer along the river.
	Canopy Species	% Cover	Size Class	DBI	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
	White Pine	45	Seedling	7	100		g Alder	Low	5 - 10 feet	5 - 10 feet	
	Red Maple	35	Seedling	8			sam Fir	High	5 - 10 feet	5 - 10 feet	
	Black Ash	15	Seedling	5							1
Ν	lorthern Pin Oak	5	Seedling	8							
	6128 - Lowland (	Coniforous	Missa d			m 17.9	53 Ui	nspecified	N/A		
107		duous	wiixea Po	oletimbe	r Mediur	11 17.9	33 01	iopeomea	14/7	1	
		duous	Size Class		r Mediur		nopy Species	Density	Avg. Height	Size	
	Deci	duous				Sub-Car					
	Decides Canopy Species	duous % Cover	Size Class	DBI	l Age	<b>Sub-Car</b> Bla	nopy Species	Density	Avg. Height	Size	



Stand	Level 4 Co	over Type		Size De	nsity	Acres Stand Age B	A Range	Managed Site		General Comments
108	42260 - Natural Pir	ne, Mixed D	eciduous	Sapling I	/ledium	7.8 10	1-50	N/A		Stand treated in the spring 2015. Left some oak for mast, seeding, and visual. Also marked to leave super-canopy red and white pines
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	for diversity and visual. Will not impact regeneration by shading.
	Quaking Aspen	10	Log	1	10	Red Pine	Trace	>20 feet	>20 feet	
	Red Maple	10	Log	1	10	White Pine	Trace	>20 feet	>20 feet	
	Red Pine	5		10						
	Red Pine	10	Log	1	10					
Blac	ck/Red (Hybrid) Oak	15	Log	1	10					
	White Pine	45	Log	1	10					
	White Pine	5		12	115					
109	4191 - Mixed Upla Co	and Decidud nifer	ous with	Sawtimb	er Well	2.9 101	111-140	N/A		Stand could be treated but it is landlocked for treatment by a large drainage ditch the Village of Roscommon has leading from their
	Canopy Species	% Cover	Size Class	DBF	Age	Sub-Canopy Species	Density	Avg. Height	Size	sewage lagoons north towards the Au Sable River.
Blac	ck/Red (Hybrid) Oak	45		12	101	Balsam Fir	Low	5 - 10 feet	5 - 10 feet	
	White Pine	30		16		Red Maple	Medium	5 - 10 feet	5 - 10 feet	
	Red Pine	2		14		White Pine	High	5 - 10 feet	5 - 10 feet	
	Red Maple	23		8		Oak (spp.)	Medium	5 - 10 feet	5 - 10 feet	
110	42200 - Natu	ral White F	Pine	Sawtimb	er Well	6.2 100	141-170	N/A		Nice white pine stand, could be thinned but access would be difficult.
	Canopy Species	% Cover	Size Class	DBF	Age	Sub-Canopy Species	Density	Avg. Height	Size	
	White Pine	65		14	100	White Pine	Medium	5 - 10 feet	5 - 10 feet	
١	Northern Pin Oak	5		11		Balsam Fir	High	5 - 10 feet	5 - 10 feet	
	Red Pine	2		12						
No	rthern White Cedar	18	Seedling	8						
	Red Maple	10	Seedling	8						
111	429 - Mixed L	Inland Con								
		plana Com	ifers P	Poletimbe	Medium	5.3 100	81-110	N/A		Mix of upland and lowland, access would be difficult
	Canopy Species	•	Size Class		Medium Age	5.3 100 Sub-Canopy Species	81-110 <b>Density</b>	N/A Avg. Height	Size	Mix of upland and lowland, access would be difficult
	Canopy Species Red Pine	•								Mix of upland and lowland, access would be difficult
		% Cover		10		Sub-Canopy Species	Density	Avg. Height	Size	Mix of upland and lowland, access would be difficult
	Red Pine	<b>% Cover</b>	Size Class	10		Sub-Canopy Species Red Maple	<b>Density</b> Low	Avg. Height 5 - 10 feet	Size 5 - 10 feet	Mix of upland and lowland, access would be difficult
	Red Pine White Pine	<b>% Cover</b> 15 25	Size Class	10 8	Age	Sub-Canopy Species Red Maple White Pine	Density Low Low	<b>Avg. Height</b> 5 - 10 feet 5 - 10 feet	<b>Size</b> 5 - 10 feet 5 - 10 feet	Mix of upland and lowland, access would be difficult
112	Red Pine White Pine Red Maple	% Cover 15 25 35 25	Size Class Seedling Sapling	5 <b>DBH</b> 10 8 6	100	Sub-Canopy Species Red Maple White Pine Balsam Fir	Density Low Low	<b>Avg. Height</b> 5 - 10 feet 5 - 10 feet	<b>Size</b> 5 - 10 feet 5 - 10 feet 5 - 10 feet	Mix of upland and lowland, access would be difficult
112	Red Pine White Pine Red Maple Balsam Fir	% Cover	Size Class Seedling Sapling	5 <b>DBH</b> 10 8 6 6 6	100	Sub-Canopy Species Red Maple White Pine Balsam Fir	Density Low Low High	Avg. Height 5 - 10 feet 5 - 10 feet 5 - 10 feet	<b>Size</b> 5 - 10 feet 5 - 10 feet 5 - 10 feet	Mix of upland and lowland, access would be difficult
112	Red Pine White Pine Red Maple Balsam Fir 4119 - Mixed No	% Cover	Size Class  Seedling  Sapling	5 <b>DBH</b> 10 8 6 6 6	100 Medium	Sub-Canopy Species Red Maple White Pine Balsam Fir	Density Low Low High	Avg. Height 5 - 10 feet 5 - 10 feet 5 - 10 feet N/A	<b>Size</b> 5 - 10 feet 5 - 10 feet 5 - 10 feet	Mix of upland and lowland, access would be difficult
	Red Pine White Pine Red Maple Balsam Fir 4119 - Mixed No Canopy Species	% Cover	Size Class  Seedling  Sapling	5 DBH 10 8 6 6 6 Poletimbe	100 Medium	Sub-Canopy Species Red Maple White Pine Balsam Fir  12.9 101  Sub-Canopy Species	Density Low Low High 81-110 Density	Avg. Height 5 - 10 feet 5 - 10 feet 5 - 10 feet N/A Avg. Height	Size 5 - 10 feet 5 - 10 feet 5 - 10 feet Size	Mix of upland and lowland, access would be difficult
	Red Pine White Pine Red Maple Balsam Fir  4119 - Mixed No Canopy Species White Pine	% Cover	Size Class  Seedling  Sapling	5 DBH 10 8 6 6 6 Poletimbe DBH 12	100 Medium	Sub-Canopy Species Red Maple White Pine Balsam Fir  12.9 101  Sub-Canopy Species Northern Pin Oak	Density  Low Low High  81-110  Density Low	Avg. Height 5 - 10 feet 5 - 10 feet 5 - 10 feet N/A Avg. Height 5 - 10 feet	Size 5 - 10 feet 5 - 10 feet 5 - 10 feet Size 5 - 10 feet	Mix of upland and lowland, access would be difficult
	Red Pine White Pine Red Maple Balsam Fir 4119 - Mixed No Canopy Species White Pine Northern Pin Oak	% Cover	Size Class  Seedling  Sapling	5 DBH 10 8 6 6 6 Poletimbe 5 DBH 11 8	100 Medium	Sub-Canopy Species Red Maple White Pine Balsam Fir  12.9 101  Sub-Canopy Species Northern Pin Oak White Pine	Density  Low Low High  81-110  Density Low Low Low	Avg. Height 5 - 10 feet 5 - 10 feet 7 - 10 feet 8 - 10 feet 8 - 10 feet 8 - 10 feet 5 - 10 feet 7 - 10 feet	Size 5 - 10 feet 5 - 10 feet 5 - 10 feet  Size 5 - 10 feet 5 - 10 feet 5 - 10 feet	Mix of upland and lowland, access would be difficult



Stand	Level 4 Co	over Type		Size Density	y ACI	es Stand Ag		Managed Si	ile .	General Comments
113	42220 - Natu	ıral Jack Pi	ine	Poletimber W	ell 3.	79	51-80	N/A		Thin strip of jack pine that was left as buffer fo stand to the south.
(	Canopy Species	% Cover	Size Class	DBH Ag	e Sub	Canopy Spec	ies Density	Avg. Height	Size	Along M-18
No	orthern Pin Oak	5		10	N	rthern Pin Oak	Medium	5 - 10 feet	5 - 10 feet	
	Jack Pine	95		8 79	)		·			_
114	42120 - Plan	ted Jack P	ine	Sapling Poo	or 27	3 20	Immature	N/A		
(	Canopy Species	% Cover	Size Class	DBH Ag	е					
	Jack Pine	95	Log	1 20	)					
No	orthern Pin Oak	5	Log	1						
115	4199 - Other Mixed	d Upland D	eciduous P	oletimber Med	dium 9.	3 101	81-110	N/A		Stand will eventually transition into red maple and aspen. Leave for
(	Canopy Species	% Cover	Size Class	DBH Ag	e Sub	Canopy Spec	ies Density	Avg. Height	Size	now and allow pole and sapling sized aspen and red maple develop further. Cutting now would likely do more damage than good.
	White Pine	5		12		White Pine	Low	5 - 10 feet	5 - 10 feet	a talanda dalang nen neula menjadi mene dalangge man geod.
C	Quaking Aspen	30		9	N	rthern Pin Oak	Low	5 - 10 feet	5 - 10 feet	
No	orthern Pin Oak	20		11		Balsam Fir	Medium	5 - 10 feet	5 - 10 feet	
	Red Pine	5		14		Red Maple	Low	5 - 10 feet	5 - 10 feet	
	Red Maple	40		8 10°	1		'			_
	COOO Missad	I audand Cl	- w la	l lanama aifa a		0		NI-		Courth brough of the group his flavor through the atoms
	6229 - Mixed   4319 - Mixed			Unspecifed Poletimber W			81-110	No N/A		South branch of the ausable flows through the stand.
117	4319 - Mixed	Upland Fo	rest	Poletimber W	/ell 31	7 100	81-110	N/A		South branch of the ausable flows through the stand.
117	4319 - Mixed Canopy Species	Upland Fo	rest Size Class	Poletimber W	/ell 31	7 100 Canopy Spec	ies Density	N/A Avg. Height	Size	South branch of the ausable flows through the stand.
117	4319 - Mixed Canopy Species thern White Cedar	Upland Fo  **Cover  45	rest Size Class Seedling	Poletimber W  DBH Ag	/ell 31	7 100 Canopy Spec Tag Alder	ies Density  Medium	N/A Avg. Height 5 - 10 feet	Size 5 - 10 feet	South branch of the ausable flows through the stand.
117 ( Norti	4319 - Mixed  Canopy Species thern White Cedar  Balsam Fir	Upland Fo % Cover 45 10	rest Size Class Seedling Sapling	Poletimber W  DBH Ag  9 100 6	/ell 31	7 100 Canopy Spec	ies Density	N/A Avg. Height	Size	South branch of the ausable flows through the stand.
117 ( North	4319 - Mixed  Canopy Species thern White Cedar Balsam Fir Quaking Aspen	Upland Fo  **Cover  45  10  5	rest Size Class Seedling	Poletimber W  DBH Ag  9 100 6 7	/ell 31	7 100 Canopy Spec Tag Alder	ies Density  Medium	N/A Avg. Height 5 - 10 feet	Size 5 - 10 feet	South branch of the ausable flows through the stand.
117 (North	4319 - Mixed  Canopy Species thern White Cedar Balsam Fir Quaking Aspen Red Maple	Upland Fo % Cover 45 10	rest Size Class Seedling Sapling Seedling	Poletimber W  DBH Ag  9 100 6	/ell 31	7 100 Canopy Spec Tag Alder Balsam Fir	ies Density  Medium	N/A Avg. Height 5 - 10 feet	Size 5 - 10 feet	South branch of the ausable flows through the stand.  Lowland areas around AuSable River.
117 North	4319 - Mixed  Canopy Species thern White Cedar Balsam Fir Quaking Aspen Red Maple  622 - Low	Upland Fo % Cover	rest Size Class Seedling Sapling Seedling	Poletimber W  DBH Ag  9 100  6 7  8	/ell 31 e Sub	7 100 Canopy Spec Tag Alder Balsam Fir	ies Density  Medium	N/A  Avg. Height  5 - 10 feet  5 - 10 feet	Size 5 - 10 feet	
Nort	4319 - Mixed  Canopy Species thern White Cedar Balsam Fir Quaking Aspen Red Maple  622 - Low	Upland Fo % Cover 45 10 5 40	rest Size Class Seedling Sapling Seedling	Poletimber W  DBH Ag  9 100 6 7 8  Unspecifed	/ell 31  e Sub  //ell 43	7 100 Canopy Spec Tag Alder Balsam Fir	Medium  Medium	N/A  Avg. Height 5 - 10 feet 5 - 10 feet  No	Size 5 - 10 feet	
117 North	4319 - Mixed  Canopy Species thern White Cedar Balsam Fir Quaking Aspen Red Maple  622 - Low  4122 - C	Upland Fo  **Cover* 45 10 5 40  Pland Shrub  Dak, Pine	rest Size Class Seedling Sapling Seedling	Poletimber W  DBH Ag  9 100 6 7 8  Unspecifed  Sawtimber W	/ell 31  e Sub //ell 43  //ell 8.	7 100 Canopy Spec Tag Alder Balsam Fir	Medium  Medium	N/A  Avg. Height 5 - 10 feet 5 - 10 feet  No	Size 5 - 10 feet 5 - 10 feet	Lowland areas around AuSable River.  Stand not visited this entry due to difficult access.  Stand not visited this entry due to difficult access.Old Comment:
117 North	4319 - Mixed  Canopy Species thern White Cedar Balsam Fir Quaking Aspen Red Maple  622 - Low  4122 - C	Upland Fo  % Cover  45 10 5 40  Pland Shrub  Dak, Pine  - Grass	rest Size Class Seedling Sapling Seedling	Poletimber W  DBH Ag  9 100 6 7 8  Unspecifed  Sawtimber W  Unspecifed	/ell 31  e Sub  /ell 43  /ell 4.	7 100 Canopy Spec Tag Alder Balsam Fir	Medium  Medium  81-110	N/A  Avg. Height 5 - 10 feet 5 - 10 feet  No  N/A	Size 5 - 10 feet 5 - 10 feet	Lowland areas around AuSable River.  Stand not visited this entry due to difficult access.  Stand not visited this entry due to difficult access.Old Comment: Mostly balsam fir stand with some mixed aspen including balsam
117 North	4319 - Mixed  Canopy Species thern White Cedar Balsam Fir Quaking Aspen Red Maple  622 - Low  4122 - C  3102 -	Upland Fo  % Cover  45 10 5 40  Pland Shrub  Dak, Pine  - Grass	rest Size Class Seedling Sapling Seedling	Poletimber W  DBH Ag  9 100 6 7 8  Unspecifed  Sawtimber W  Unspecifed	/ell 31  e Sub  /ell 43  /ell 4.	7 100 Canopy Spec Tag Alder Balsam Fir 6 109	Medium  Medium  81-110	N/A  Avg. Height 5 - 10 feet 5 - 10 feet  No  N/A	<b>Size</b> 5 - 10 feet 5 - 10 feet	Lowland areas around AuSable River.  Stand not visited this entry due to difficult access.  Stand not visited this entry due to difficult access.Old Comment: Mostly balsam fir stand with some mixed aspen including balsam poplar. Black ash swale runs through stand and broadens out
117 North	4319 - Mixed  Canopy Species thern White Cedar Balsam Fir Quaking Aspen Red Maple  622 - Low  4122 - C  3102 -  6123 - Lo  Canopy Species	Upland Fo  **Cover** 45 10 5 40  Pland Shrub  Dak, Pine  Grass  Owland Fir  **Cover**	Size Class Seedling Sapling Seedling	Poletimber W  DBH Ag  9 100 6 7 8  Unspecifed  Sawtimber W  Unspecifed  Poletimber W  DBH Ag	/ell 31  e Sub  /ell 43  /ell 4.	7 100 Canopy Spec Tag Alder Balsam Fir 6 7 76 Canopy Spec	Medium  Medium  81-110  81-110  Bellow bello	N/A  Avg. Height 5 - 10 feet 5 - 10 feet  No  N/A  No  N/A  Avg. Height	Size 5 - 10 feet 5 - 10 feet Size	Lowland areas around AuSable River.  Stand not visited this entry due to difficult access.  Stand not visited this entry due to difficult access.Old Comment: Mostly balsam fir stand with some mixed aspen including balsam poplar. Black ash swale runs through stand and broadens out
117 North	4319 - Mixed  Canopy Species thern White Cedar Balsam Fir Quaking Aspen Red Maple 622 - Low 4122 - C 3102 - 6123 - Lo  Canopy Species Black Spruce thern White Cedar	Upland Fo  **Cover**   45	Size Class Seedling Sapling Seedling Seedling	Poletimber W  DBH Ag  9 100 6 7 8  Unspecifed  Sawtimber W  Unspecifed  Poletimber W  DBH Ag  8	/ell 31  e Sub  /ell 43  /ell 4.	7 100 Canopy Spec Tag Alder Balsam Fir 6 7 76 Canopy Spec	Medium  Medium  81-110  81-110  Bellow bello	N/A  Avg. Height 5 - 10 feet 5 - 10 feet  No  N/A  No  N/A  Avg. Height	Size 5 - 10 feet 5 - 10 feet Size	Lowland areas around AuSable River.  Stand not visited this entry due to difficult access.  Stand not visited this entry due to difficult access.Old Comment: Mostly balsam fir stand with some mixed aspen including balsam poplar. Black ash swale runs through stand and broadens out towards creek. Ash is currently infested with EAB and therefore will
117 North	4319 - Mixed  Canopy Species thern White Cedar Balsam Fir Quaking Aspen Red Maple 622 - Low 4122 - C 3102 - 6123 - Lo  Canopy Species Black Spruce	Upland Fo  **Cover*   45	Size Class Seedling Sapling Seedling Seedling	Poletimber W  DBH Ag  9 100 6 7 8  Unspecifed  Sawtimber W  Unspecifed  Poletimber W  DBH Ag  8 8	/ell 31 e Sub l 43 /ell 8. /ell 14 e Sub	7 100 Canopy Spec Tag Alder Balsam Fir 6 7 76 Canopy Spec	Medium  Medium  81-110  81-110  Bellow bello	N/A  Avg. Height 5 - 10 feet 5 - 10 feet  No  N/A  No  N/A  Avg. Height	Size 5 - 10 feet 5 - 10 feet Size	Lowland areas around AuSable River.  Stand not visited this entry due to difficult access.  Stand not visited this entry due to difficult access.Old Comment: Mostly balsam fir stand with some mixed aspen including balsam poplar. Black ash swale runs through stand and broadens out towards creek. Ash is currently infested with EAB and therefore will



Stand	Level 4 C	over Type		Size De	nsity	Acres	Stand Age	BA Range	Managed \$	Site	General Comments
123	6130 - Fir,	Aspen, Mar	ole	Poletimb	er Well	11.3	79 l	Unspecified	N/A	Α	
124	42330 -	Upland Fir		Poletimb	er Well	6.6	76	51-80	N//	A	Stand not visited this entry due to difficult access.Old Comment:
	Canopy Species	% Cover	Size Class	DBF	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Stand goes from red pine saw timber on high ground then drops down to creek with old rotten aspen and balsam fir. There is a black ash
	Balsam Fir	80	Seedling	6	76		alsam Fir	Medium	5 - 10 feet	5 - 10 feet	component but it is heavily infested with EAB.
	Red Pine	10		12		Т	ag Alder	Low	5 - 10 feet	5 - 10 feet	, ,
	Paper Birch	5	Seedling	6							_
	Quaking Aspen	5		14							
125	42210 - Na	tural Red P	ine	Sawtimb	er Well	17.5	89	111-140	N/A	A	Nice stand of natural red pine sawtimber. Some lower areas with
	Canopy Species	% Cover	Size Class	DBF	l Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size	some balsam fir and nice white pine.
	Red Pine	90		16	89	W	hite Pine	High	10 - 20 feet	10 - 20 feet	
	Red Maple	4		8		Ва	alsam Fir	Low	10 - 20 feet	10 - 20 feet	
	Bigtooth Aspen	2		12							_
	White Pine	4		16							
126	4133 - Asp			Poletimb		12.0	89	81-110	N/A		Landlocked by PVT and AuSable river.
	Canopy Species		Size Class		l Age		nopy Species		Avg. Height	Size	
	White Pine	10		8			hite Pine	Medium	5 - 10 feet	5 - 10 feet	
	Red Pine	15		14		Ba	alsam Fir	Medium	5 - 10 feet	5 - 10 feet	
	Red Maple	5		8							
	Quaking Aspen	70		10	89						
127	4130	- Aspen		Poletimb	er Well	6.9	89	81-110	N/A	A	A mixed aspen stand with some red maple and pine mixed in.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Landlocked by private property and AuSable River.
	Quaking Aspen	50		10	89		hite Pine	Medium	5 - 10 feet	5 - 10 feet	
	White Pine	2		8		Ва	alsam Fir	Medium	5 - 10 feet	5 - 10 feet	
	Red Maple	10		8				'		'	_
	Bigtooth Aspen	33		10							
	Red Pine	5		12							
128	4113 - R.N	/laple, Conif	fer	Poletimb	er Well	14.5	79	51-80	N/A	A	Red maple and balsam fir stand with a few aspen . Thick balsam fir
	Canopy Species	% Cover	Size Class	DBF	l Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size	understory.
	Quaking Aspen	5	Seedling	6		Ва	alsam Fir	High	5 - 10 feet	5 - 10 feet	
	Balsam Fir	35	Seedling	6		W	hite Pine	Low	5 - 10 feet	5 - 10 feet	
	Red Maple	60	Seedling	6	79					,	_
129	6124 - Lowl			Poletimb		9.6	79	81-110	N/A		7
	Canopy Species		Size Class		l Age		nopy Species		Avg. Height	Size	
	Balsam Fir	25	Seedling				ck Spruce	Low	5 - 10 feet	5 - 10 feet	
	Tamarack	40	Seedling		79		alsam Fir	Low	5 - 10 feet	5 - 10 feet	
	Black Spruce	35	Seedling	6		T	ag Alder	Low	5 - 10 feet	5 - 10 feet	



Stand	Level 4 Co	ver Type		Size Density	Acres	Stand Age B	A Range	Managed S	Site	General Comments
130	6122 - Bla	ack Spruce	;	Poletimber Well	3.2	89	81-110	N/A	A	Lowland but operable. Nice black spruce stand mixed with some
C	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	balsam fir and aspen.
	Red Pine	2		14	Ва	lsam Fir	Low	5 - 10 feet	5 - 10 feet	
	Balsam Fir	10	Seedling	8						_
Q	uaking Aspen	5	Seedling	6						
Е	Black Spruce	83		8 89						
131	42210 - Nati	ural Red Pi	ine	Sawtimber Well	3.9	89	141-170	N/A	Ą	Small stand of natural red pine on north edge of creek. Landlocked
C	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	by private property and the AuSable River.
Q	uaking Aspen	2		8	Ва	lsam Fir	Low	< 5 feet	< 5 feet	
	Red Pine	98		14 89	WI	nite Pine	Low	5 - 10 feet	5 - 10 feet	
132	622 - Low	land Shrub	)	Unspecifed	21.4			No	)	
133	6124 - Lowla	nd Spruce	-Fir	Poletimber Well	361.8	124	51-80	N/A	Ą	Variable lowland conifer stand that in areas is dominated by tamarack
С	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	and balsam fir. Some scattered cedars and birch. Tag alder and willow is thick in understory especially in more open areas.
	Balsam Fir	35	Seedling	6	Ta	ag Alder	High	5 - 10 feet	5 - 10 feet	which is allocal and story soposially in more open areas.
	Tamarack	40	Seedling	6 124	Ва	lsam Fir	Low	5 - 10 feet	5 - 10 feet	
Е	Black Spruce	15	Seedling	6	Wi	llow spp.	Low	5 - 10 feet	5 - 10 feet	
North	nern White Cedar	5	Seedling	6						_
	Paper Birch	5	Seedling	6						
135	4134 - Aspe	n, Spruce/	Fir	Poletimber Well	37.3	46 U	nspecified	N/A	Ą	Stand that is mostly aspen in the canopy, but the balsam fir is full in
C	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	the mid and sub-canopies. Where the aspen is not in the canopy balsam fir is. Hold and cut next entry with jack pine to the south.
	Balsam Fir	29	Sapling	6	Re	d Maple	Medium	Variable	Variable	balcam in io. Hold and out hox only margack pino to the count.
Е	Black Spruce	1	Seedling	6	Ва	lsam Fir	Full	Variable	Variable	
Q	uaking Aspen	70	Sapling	6 46	Qual	king Aspen	Low	10 - 20 feet	10 - 20 feet	
137	6225	- Bog		Unspecifed	14.3			No	)	Leatherleaf bog with some spruce, tamarack and pine scattered abou
					Sub-Ca	nopy Species	Density	Avg. Height	Size	in low numbers.
					Le	atherleaf	Full	< 5 feet	< 5 feet	
138	6220 - Al	der/Willow		Unspecifed	82.0			No	)	Tag alder marsh with black spruce mainly along perimeter.
					Sub-Ca	nopy Species	Density	Avg. Height	Size	
					Ta	ımarack	Trace	>20 feet	>20 feet	
					Ta	ag Alder	Full	5 - 10 feet	5 - 10 feet	
					Blad	ck Spruce	Low	>20 feet	>20 feet	



Stand	Level 4 C	over Type		Size De	nsity	Acres Stand Ag	e BA Range	Managed S	Site	General Comments
139	42320 - Up	oland Spruc	e Po	letimber	Mediu	m 3.2 46	Unspecified	N/A	A	A spruce and white pine stand with aspen and oak mixed in on the
Ca	anopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Spec	ies Density	Avg. Height	Size	high ground and in the low pockets will find the tag alder. These low areas are found sporadically around the stand but not in great size.
\	White Pine	35	Sapling	6		Tag Alder	Medium	5 - 10 feet	5 - 10 feet	ground and round operationary around the stand but not in ground oile
Nor	thern Pin Oak	2	Sapling	5		Black Spruce	Medium	5 - 10 feet	5 - 10 feet	
Qu	aking Aspen	3	Sapling	5			1	1		
ВІ	lack Spruce	60	Sapling	6	46					
140	6220 - A	lder/Willow		Unspe	cifed	2.7		No	)	Tag alder marsh
						Sub-Canopy Spec	ies Density	Avg. Height	Size	
						Black Spruce	Low	10 - 20 feet	10 - 20 feet	
						Tag Alder	Full	5 - 10 feet	5 - 10 feet	
						Tamarack	Trace	10 - 20 feet	10 - 20 feet	
141	4319 - Mixed	Upland Fo	rest F	Poletimb	er Well	26.5 46	51-80	N/A	Ą	Some larger log sized trees present that were left during previous harvest.
Ca	anopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Spec	ies Density	Avg. Height	Size	naivest.
\	White Pine	10	Seedling	5		White Pine	Medium	Variable	Variable	
Nor	thern Pin Oak	15		5		Jack Pine	Low	Variable	Variable	
	Red Pine	1	Seedling	5		Red Maple	Medium	Variable	Variable	
E	Balsam Fir	32	Seedling	5		Northern Pin Oal	k Medium	Variable	Variable	
Qu	aking Aspen	40	Sapling	6	46	Balsam Fir	Medium	Variable	Variable	
ВІ	lack Spruce	2	Pole	4						
142	4191 - Mixed Upla Co	and Decidud onifer	ous with Po	letimber	Mediu	m 11.8 46	51-80	N/A	Ą	The overall stand has aspen, jack pine, and oak. There are some other species mixed in as well such as red pine and maple. Fairly
Ca	anopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Spec	ies Density	Avg. Height	Size	open throughout.
E	Balsam Fir	10	Seedling	5		Jack Pine	Medium	Variable	Variable	
F	Red Maple	7	Seedling	6		Balsam Fir	Low	Variable	Variable	
Nor	thern Pin Oak	41	Seedling	6	46	Red Maple	Trace	Variable	Variable	
	Red Pine	2	Seedling	8		Northern Pin Oal	k Medium	Variable	Variable	
Qu	aking Aspen	13	Seedling	5				I		1
	Jack Pine	27	Seedling	6						
143		owland Fir	Ро	letimber			Unspecified	N/A	4	Lowland conifer stand that has some maple and paper birch particularly up at the northern tip. The understory is tag alder with the
Ca	anopy Species	% Cover	Size Class		Age	Sub-Canopy Spec	ies Density	Avg. Height	Size	dominate regenerating species being spruce and fir.
[	Balsam Fir	50		8	99	Black Spruce	Medium	Variable	Variable	J
В	lack Spruce	35		8		Red Maple	Low	Variable	Variable	
	Red Maple	13	Seedling	7		Tag Alder	High	5 - 10 feet	5 - 10 feet	
F	tea mapie	10	Occuming	7		1 49 7 11401	riigii	0 101001	0 10 1001	



Stand	tand Level 4 Cover Type			Size Density	Acres	Stand Age B	A Range	Managed \$	Site	General Comments
144	330 - Low-l	Density Tre	es	Unspecifed	2.1			No	)	May have been an old landing site for the adjacent treatment done in
					Sub-Ca	nopy Species	Density	Avg. Height	Size	the 70's, but is currently a grass opening with some of the native species slowly filling in on the edges but not enough to call it a
					Ва	alsam Fir	Low	>20 feet	>20 feet	forested stand.
					Qua	king Aspen	Low	>20 feet	>20 feet	
					Pi	n Cherry	Low	10 - 20 feet	10 - 20 feet	
145	330 - Low-l	Density Tre	es	Unspecifed	1.6			No	)	May have been an old landing site for the adjacent treatment done in
					Sub-Ca	nopy Species	Density	Avg. Height	Size	the 70's, but is currently a grass opening with some of the native species slowly filling in on the edges but not enough to call it a
					Qua	king Aspen	Low	>20 feet	>20 feet	forested stand.
					Pi	n Cherry	Low	10 - 20 feet	10 - 20 feet	
					R	ed Pine	Low	5 - 10 feet	5 - 10 feet	
146	6122 - BI	ack Spruce	Po	letimber Mediu	m 8.1	85	51-80	N//	4	The stand has numerous open areas scattered about that are just tag
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	alder but they are small and surrounded by spruce. The overstory spruce has heavy spruce regeneration underneath. There are even
	Red Pine	15	Seedling	7	Bla	ck Spruce	High	Variable	Variable	areas with red pine intermixed.
	Paper Birch	5	Seedling	6	Ta	ag Alder	High	5 - 10 feet	5 - 10 feet	
	Jack Pine	5	Seedling	6			,			-
	Black Spruce	75		9 85						
147	42120 - Plar	nted Jack P	ine P	oletimber Well	55.3	48 U	nspecified	N//	4	Some large log sized red pine trees left scattered about from the original cut. Hold unless stands to the north need to be cut.
	Canopy Species	% Cover	Size Class	DBH Age						original cut. Hold unless stands to the north need to be cut.
N	orthern Pin Oak	15		6 48						
	Red Pine	8		11						
	Jack Pine	77		8 48						
148	42250 -	Pine, Oak	S	Sawtimber Well	3.3	105	81-110	N//	4	Overmature jack pine stand.2024:Stink Eye Pine • 71-015-18 PU 1
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Unit was never cut likely due to poor access.
	White Pine	5		9	Ва	ılsam Fir	Low	Variable	Variable	
	Jack Pine	62		10 105	North	ern Pin Oak	Low	5 - 10 feet	5 - 10 feet	
N	orthern Pin Oak	33	Seedling	8	W	hite Pine	Low	Variable	Variable	
		'			Já	ack Pine	Medium	Variable	Variable	
149	6225	5 - Bog		Unspecifed	4.2			No	)	Leatherleaf bog with some spruce and tamarack here and there.



Stand	and Level 4 Cover Type		Size Den	ize Density	Acres St	and Age B	A Range	Managed \$	Site	General Comments	
150	4191 - Mixed Upla Co	and Decidu	ous with	Poletimbe	r Well	5.3	99	51-80	N/A	Ą	The west half of the stand is the lower ground with spruce and red maple overstory with tag alder mixed in. The east half grades up to
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Cano	py Species	Density	Avg. Height	Size	high ground with oak overstory and balsam fir and other regeneration underneath. This stand fronts on Walker Drive and may be a good
	Jack Pine	3	Seedling	7		Balsa	m Fir	Low	5 - 10 feet	5 - 10 feet	site to construct a road and tie into the existing trail system that is in
	Black Spruce	25		9		Red N	/laple	Medium	10 - 20 feet	10 - 20 feet	the compartment from the last treatments that used private land for
	Balsam Fir	10	Seedling	7		Tag A	Alder	Low	5 - 10 feet	5 - 10 feet	access. New trail partially constructed through this stand in Fall 2015 and DEQ was contacted and approved its construction. At
	Red Maple	30	Sapling	7		Northern	Pin Oak	Trace	5 - 10 feet	5 - 10 feet	Compartment Review it was agreed to place a management gate on
	Paper Birch	1	Seedling	7		Black S	Spruce	Medium	10 - 20 feet	10 - 20 feet	
N	orthern Pin Oak	31		9	99						<sup>1</sup> further north in this compartment and damaging sensitive soils areas they are in. the road was never finished and the gate wasn't installed.
151	6220 - A	lder/Willow		Unspec	fed	4.6			No	)	Tag alder marsh.
						Sub-Cano	py Species	Density	Avg. Height	Size	
						Tag A		Full	5 - 10 feet	5 - 10 feet	
						Tama	arack	Low	>20 feet	>20 feet	
						Black S	Spruce	Low	>20 feet	>20 feet	
152	3302 - Low Der	nsity Conife	r Trees	Unspec	fed	3.4			No	)	Tag alder marsh with fair amount of pole sized black spruce all over
					ſ	Sub-Cano	py Species	Density	Avg. Height	Size	but they are not enough to meet the 25 percent canopy closure.
						Tag A	Alder	Full	5 - 10 feet	5 - 10 feet	
						Black S	Spruce	Medium	>20 feet	>20 feet	
153	6128 - Lowland Dec	Coniferous,	, Mixed	Poletimbe	r Well	23.0	100	111-140	N/A	Ą	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Cano	py Species	Density	Avg. Height	Size	
	Balsam Fir	21	Seedling	8		Balsa	m Fir	High	10 - 20 feet	10 - 20 feet	
	Black Spruce	28	Seedling	8	100	White	Pine	High	Variable	Variable	
(	Quaking Aspen	3	Seedling	8		Red N	/laple	Medium	Variable	Variable	
	White Pine	22	Seedling	9		Black S	Spruce	Medium	Variable	Variable	
	Red Maple	26		9							
154	42340 - Upl	and Spruce	/Fir	Poletimbe	r Well	11.9	40	1-50	N/A	4	Stand not visited this entry due to difficult access.Old Comment:  Upland island in the middle of swamp. Stand was habitat cut in 1984
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Cano	py Species	Density	Avg. Height	Size	Topiand island in the middle of swamp. Stand was nabitat cut in 1984.  Now is a mix of balsam fir and white pine. Some aspen and patches
	Bigtooth Aspen	2	Seedling	6		Balsa	m Fir	Medium	5 - 10 feet	5 - 10 feet	of jack pine.
	Balsam Fir	55	Seedling	6	40	Pin C	herry	Low	5 - 10 feet	5 - 10 feet	
	Black Spruce	5	Seedling	6							-
	White Pine	33	Seedling	6							
	Jack Pine	5	Seedling	6							
155	622 - Lov	wland Shrub	)	Unspec	fed	147.5			No	)	



Stand	I Level 4 C	over Type		Size De	ensity	Acres	Stand Age E	BA Range	Managed S	ite	General Comments			
157	42210 - Na	tural Red Pi	ine	Sawtimb	er Well	20.3	84	111-140	N/A	\	Stand not visited this entry due to difficult access.Old Comment:			
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Natural red pine stand on island in swamp. Balsam fir understory. few open spots. Some red maple and quaking aspen mixed in and			
	Quaking Aspen	2		8		Ва	lsam Fir	High	10 - 20 feet	10 - 20 feet	along small openings.			
	Red Pine	95		12	84									
	Red Maple	3		8										
158	4112 - Maple, Beed	ch, Cherry A	Association	Poletimb	er Well	12.3	79	81-110	N/A	1	Red maple pole timber stand mixed with some bigtooth aspen and			
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	paper birch. A few scattered jack pine. Some larger 24"+ white pine on far west side along section line.			
	Red Maple	81		8	79		nite Pine	Medium	10 - 20 feet	10 - 20 feet	on fail west side along section line.			
	Paper Birch	5	Seedling	8		Ва	lsam Fir	Medium	10 - 20 feet	10 - 20 feet				
	Bigtooth Aspen	5		10		Blad	ck Spruce	Medium	10 - 20 feet	10 - 20 feet				
	White Pine	5		8										
	Jack Pine	2		8										
	Black Spruce	2	Seedling	5										
159	42290 - Nati	ural Mixed F	Pine	Sawtimb	er Well	12.0	140	81-110	N/A	١	Two-aged stand of super-canopy red pine with a mid-canopy of white			
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	pine, spruce, etc. The regeneration is good mainly being white pine and equal percentage of spruce, fir and traces of the other canopy			
	Blue Spruce	18	Seedling	8	99	W	nite Pine	High	Variable	Variable	species. The portion of the stand north of the abandoned pipeline			
	White Pine	15		9		North	ern Pin Oak	Low	Variable	Variable	R.O.W. has several wetter depressions.			
	Jack Pine	4	Seedling	8		Blad	ck Spruce	Medium	Variable	Variable	2024: Stink Eye Pine • 71-015-18 PU 3 Unit was never cut			
	Balsam Fir	7	Seedling	7				,			-			
	Red Maple	1	Seedling	8										
	Paper Birch	3	Seedling	8										
١	Northern Pin Oak	8		9										
	Red Pine	44		14	140									
160	429 - Mixed I	Upland Con	ifers	Sawtimb	er Well	10.1	102	81-110	N/A	1	Mixed stand of overmature jack pine and pin oak of poor quality.			
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Scattered about are a few super-canopy red and white pines. The regeneration is very good with a mix of white pine with lesser degrees			
	Quaking Aspen	1		11		Re	ed Maple	Low	Variable	Variable	of spruce followed up by some oak and jack pine.2024: Stink Eye			
	White Pine	15		9		W	nite Pine	High	Variable	Variable	Pine • 71-015-18 PU 2 Unit was never cut. Looks like access may			
	Jack Pine	31		12	102	Ja	ick Pine	Low	Variable	Variable	have been to wet to cut stand.			
	Black Spruce	15		9		Blac	ck Spruce	Medium	Variable	Variable				
١	Northern Pin Oak	27		11							-			
	Red Pine	3		14										
	Red Maple	5	Seedling	6										
	Paper Birch	3	Seedling	8										
162	6121 -	Tamarack	<u> </u>	Poletimb	er Well	10.6	79	1-50	N/A	\	Tamarack swamp with some cedar and dead and dying ash(EAB).			
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Some open areas dominated by tag alder and willow.			
No	rthern White Cedar	5	Sapling	6	79	Ta	ag Alder	Full	5 - 10 feet	5 - 10 feet				
	Tamarack	93	Sapling	6	79			'			-			

Black Ash

2

4



Stand	Level 4 Co	Level 4 Cover Type Size Density Acres Stand Age BA Range Managed Site		General Comments							
163	6122 - Bl	ack Spruce	<b>:</b>	Poletimb	er Well	81.2	79	81-110	N/A	Ą	
C	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Tamarack	20		10		Blad	ck Spruce	Low	< 5 feet	< 5 feet	
I	Black Spruce	80		8	79	Re	ed Maple	Low	5 - 10 feet	5 - 10 feet	
						Ta	ag Alder	High	5 - 10 feet	5 - 10 feet	
164	4130	- Aspen		Sapling	y Well	56.1	10	1-50	N/A	4	Some large oaks were left when harvested. Several more open
C	Canopy Species	% Cover	Size Class	DBH	Age						pockets.
	Red Maple	7	Log	1							
Black	/Red (Hybrid) Oak	3		12							
	Jack Pine	10	Log	2							
Q	uaking Aspen	80	Log	1	10						
165	6120 - Lov	vland Ceda	ır	Poletimb	er Well	35.4	114	81-110	N/A	4	Cedar with understory of balsam fir and tag alder. Some small areas
C	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	of slightly higher areas with some hardwoods. More black spruce on north end
	Balsam Fir	2	Sapling	6		Ва	lsam Fir	Full	5 - 10 feet	5 - 10 feet	
	Tamarack	3	Sapling	6		Ta	ag Alder	High	5 - 10 feet	5 - 10 feet	
	Red Maple	2	Seedling	6							_
	Black Spruce	25	Sapling	6							
North	nern White Cedar	68	Sapling	6	114						
166	6120 - Lov	vland Ceda	ar	Poletimb	er Well	25.8	119	81-110	N/A	4	A few hemlocks on higher drier spots.
C	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Balsam Fir	5	Seedling	6		Ва	llsam Fir	High	10 - 20 feet	10 - 20 feet	
North	nern White Cedar	95		9	119	Ta	ag Alder	Low	< 5 feet	< 5 feet	
167	42200 - Natu	ıral White F	Pine	Sawtimb	er Well	5.5	119	141-170	N/A	Α	Small stand of large diameter white pine mixed with some red pine. A $\neg$ few hemlock mixed in.
(	Canopy Species	% Cover	Size Class		Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Tew Hermock mixed in.
	White Pine	85		22	119	Ва	llsam Fir	Low	5 - 10 feet	5 - 10 feet	
	Red Pine	10		16		Blad	ck Spruce	Low	5 - 10 feet	5 - 10 feet	
	Red Maple	5	Seedling	8							
168	4319 - Mixed	Upland Fo	rest	Sapling	y Well	29.0	40	51-80	N/A	4	Aspen mixed with older age class of balsam fir and white pine left
(	Canopy Species	% Cover	Size Class	DBH	Age						from harvest. Must have cut all hardwoods and aspen and left conifers??? Conifers act as supercanopy above aspen. Some wet
	Balsam Fir	35		6							pockets. Far east end has small area of planted/seeded jack pine
Q	uaking Aspen	50	Log	3	40						from adjacent harvest.
	White Pine	15		8							

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Stand	Stand Level 4 Cov			Size Density	Acres	cres Stand Age BA		Managed S	Site	General Comments
169	42200 - Natu	ıral White F	Pine	Poletimber Well	10.3	54	81-110	N/A	A	White pine stand with some red pine mixed in. A few stump sprout maple from harvest. Allow stand to put on more growth.
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Car	nopy Species	Density	Avg. Height	Size	Thiaple from harvest. Allow stand to put on more growth.
	Balsam Fir	10		6	Wh	ite Pine	Low	5 - 10 feet	5 - 10 feet	
	Red Pine	5		10	Bal	sam Fir	Low	5 - 10 feet	5 - 10 feet	
	Red Maple	10		7	Blac	k Spruce	Low	5 - 10 feet	5 - 10 feet	
No	rthern White Cedar	5		10						
	White Pine	70		10 54						
170	4191 - Mixed Upla Co	and Decidud nifer	ous with	Sawtimber Well	6.3	109	51-80	N/A	A	Overstory oak is starting to die out.
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
	Balsam Fir	20	Seedling	6	Wh	ite Pine	Medium	5 - 10 feet	5 - 10 feet	
Blac	ck/Red (Hybrid) Oak	35		12 109	Bal	sam Fir	Medium	5 - 10 feet	5 - 10 feet	
	White Pine	15		8						-
	Red Maple	10		8						
	Quaking Aspen	20		10						
172	4319 - Mixed	Upland Fo	rest	Poletimber Poor	2.6	74	51-80	N/A	4	
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
	Balsam Poplar	10	Seedling	6	Bal	sam Fir	Low	5 - 10 feet	5 - 10 feet	
	White Pine	50		10 74	Ta	g Alder	Low	5 - 10 feet	5 - 10 feet	
	Red Maple	30	Seedling	8 74						
	Quaking Aspen	10	Seedling	6						
173	4311 - Pine	e, Aspen M	ix P	oletimber Mediun	n 2.7	79	51-80	N/A	A	Planted red pine with some aspen and oak on north edge of stand
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Car	nopy Species	Density	Avg. Height	Size	along tracks. Some wet non forested areas.
Blac	ck/Red (Hybrid) Oak	10		12	Bal	sam Fir	Low	5 - 10 feet	5 - 10 feet	
	Red Pine	45		11 79						
	Quaking Aspen	45	Seedling	8						
174	122 - Road	I/Parking Lo	ot	Unspecifed	14.4			No	1	Old 76
175	6120 - Lov	vland Ceda	ır P	oletimber Mediun	n 5.0	104	111-140	N/A	Α	
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
	White Pine	5	Seedling	6	Та	g Alder	Medium	5 - 10 feet	5 - 10 feet	
	Balsam Fir	5	Seedling	6	Bal	sam Fir	Medium	5 - 10 feet	5 - 10 feet	
	Tamarack	5	Seedling	6						
	Black Spruce	35	Seedling	6						
No	rthern White Cedar	50	Seedling	6 104						

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Stand	Stand Level 4 Cover Typ			Size Density	Acres	Stand Age B	A Range	Managed S	Site	General Comments
176	4191 - Mixed Upla Co	ınd Decidu nifer	ous with	Sawtimber Well	11.3	104	51-80	N/A	A	Hold stand and allow white pine understory to develop further
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Pine	2		12		nite Pine	Medium	10 - 20 feet	10 - 20 feet	
Blac	k/Red (Hybrid) Oak	58		12 104	Ва	lsam Fir	Medium	5 - 10 feet	5 - 10 feet	
	White Pine	35		9						
	Red Maple	3	Seedling	8						
	Bigtooth Aspen	2		10						
177	622 - Low	land Shrub	)	Unspecifed	9.1			No	)	
178	6129 - Mixed Conife	erous Lowla	and Forest	Poletimber Well	7.0	114	81-110	N/A	4	Black spruce and cedar swamp.
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Maple	8	Seedling	6	Ва	llsam Fir	Medium	10 - 20 feet	10 - 20 feet	
	White Pine	20		10	Ta	ag Alder	Medium	5 - 10 feet	5 - 10 feet	
	Black Spruce	25	Seedling	5 114						
Nor	thern White Cedar	25	Seedling	6 114						
	Balsam Fir	20	Seedling	5						
	Tamarack	2	Seedling	6						
179	4310 - Pir	ne, Oak Miz	<	Sawtimber Well	2.1	114	81-110	N/A	Ą	Older oak and jack pine with younger white pine coming into the understory. Hold and allow white pine to develop further.
	Canopy Species		Size Class			nopy Species	Density	Avg. Height	Size	and orders. Field and allow write pine to develop farther.
Blac	k/Red (Hybrid) Oak	50		14 114	WI	nite Pine	High	10 - 20 feet	10 - 20 feet	
	White Pine	30		7	Ва	llsam Fir	Medium	5 - 10 feet	5 - 10 feet	
	Jack Pine	20		10 114						
180	500 -	Water		Unspecifed	0.9			No	)	
181	4310 - Pir	ne, Oak Miz	Κ	Sawtimber Well	3.5	114	81-110	N/A	4	Small stand along M-76. Poor quality oak and white pine mix. Hold
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	and allow white pine to develop further.
	Red Maple	5	Seedling	8	WI	nite Pine	Medium	5 - 10 feet	5 - 10 feet	
Blac	k/Red (Hybrid) Oak	50		14 114						
	White Pine	40		8						
	Red Pine	5		14						
182	42250 -	Pine, Oak		Sawtimber Well	3.3	89	51-80	N/A	4	Mixed pine, oak stand.
	Canopy Species	% Cover	Size Class			nopy Species	Density	Avg. Height	Size	
Blac	k/Red (Hybrid) Oak	35		10 89	Piı	n Cherry	Low	5 - 10 feet	5 - 10 feet	
	White Pine	35		9	WI	nite Pine	Low	10 - 20 feet	10 - 20 feet	
	Jack Pine	10		8						
	Red Pine	20		12						



Stand	Level 4 Co	over Type		Size De	nsity	Acres	Stand Age I	BA Range	Managed Si	te	General Comments
183	42250 -	Pine, Oak		Sawtimb	er Well	8.5	104	81-110	N/A		Natural stand of jack pine and oak mixed with some white pine. Some
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	red maple and red pine. More of an oak component on SE side of stand. No easy access for harvesting.
	Red Maple	5		8		Black/Re	ed (Hybrid) Oak	c Low	5 - 10 feet	5 - 10 feet	stand. No dady docess for harvesting.
	Red Pine	5		12		W	hite Pine	Medium	10 - 20 feet	10 - 20 feet	
Blac	k/Red (Hybrid) Oak	30		12							-
	White Pine	20		8							
	Jack Pine	40		10	104						
184	6229 - Mixed	Lowland S	hrub	Unspe	cifed	22.2			No		Some scattered pockets of trees.
185	4191 - Mixed Upla Co	ınd Decidu nifer	ous with	Sapling	Poor	1.2	10	Immature	N/A		Stand is very open with minimal natural regen. The road takes up much of the stand.
	Canopy Species	% Cover	Size Class	DBH	l Age						
	Red Maple	45	Log	1	10						
Blac	k/Red (Hybrid) Oak	20	Log	1	10						
	Jack Pine	20	Log	1	10						
	Pin Cherry	15	Log	1	10						
186	42220 - Natu	ural Jack P	ine	Sapling N	Medium	6.9	30	51-80	N/A		A few wet spots that were not cut that contain some larger maple, birch ect.
	Canopy Species	% Cover	Size Class	DBH	l Age						паріе, вісп'ест.
	Red Pine	5	Log	2							
Blac	k/Red (Hybrid) Oak	20	Pole	3							
	White Pine	5	Log	2							
	Jack Pine	70	Sapling	5	30						
187	622 - Low	land Shrub	)	Unspe	cifed	1.7			No		
188	42120 - Plan	ited Jack P	Pine	Sapling	y Well	48.8	31	51-80	N/A		
	Canopy Species	% Cover	Size Class	DBH	l Age						
	Red Maple	5	Pole	4							
Blac	k/Red (Hybrid) Oak	10	Pole	3							
	Jack Pine	85	Sapling	5	31						
189	500 -	Water		Unspe	cifed	1.1			No		
				,							



Stand	Level 4 Co	Level 4 Cover Type Size Density Acres Stand Age BA Range Managed Site		Site	General Comments					
190	6131 - Hemlock, \ Bi	White Pine, irch	Maple,	Poletimber Well	11.9	74	81-110	N/A	Ą	Wet white pine stand mixed with red maple. Scattered and clumped large white pine.
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	anopy Species	Density	Avg. Height	Size	
	Red Maple	40		8	W	hite Pine	Medium	10 - 20 feet	10 - 20 feet	
	Red Pine	2		12						
Black	k/Red (Hybrid) Oak	5		12						
	White Pine	53		8 74						
191	6224 - T	reed Bog		Unspecifed	7.5			No	)	
192	6225	i - Bog		Unspecifed	3.6			No	)	
193	42200 - Natu	ral White P	ine	Sawtimber Well	3.9	124	111-140	N/A	A	White pine stand mixed with some jack pine. More jack pine component to S & E. Some large diameter 110+ yr old white pine.
	Canopy Species		Size Class			anopy Species	Density	Avg. Height	Size	Small bog in center of stand.
	Red Maple	5		4		hite Pine	Low	5 - 10 feet	5 - 10 feet	
	White Pine	85		16 124		ed Maple	Low	10 - 20 feet	10 - 20 feet	
	Jack Pine	10		10	Bla	ck Spruce	Low	5 - 10 feet	5 - 10 feet	
194	4122 - 0	Dak, Pine		Sawtimber Well	2.7	114	81-110	N/A	4	Old, low quality sawtimber stand with heavy white pine understory.  Tome white pine making into canopy. Oak is starting to die out.
	Canopy Species	% Cover	Size Class			anopy Species	Density	Avg. Height	Size	Some write pine making into cartopy. Oak is starting to the out.
Black	k/Red (Hybrid) Oak	60		12 114		hite Pine	High	10 - 20 feet	10 - 20 feet	
	White Pine	35	Seedling	5	Re	ed Maple	Low	10 - 20 feet	10 - 20 feet	
	Jack Pine	5		8						
196	4125 - Black	k, N. Pin O	ak	Sapling Poor	2.3	10 I	mmature	N/A	A	
	Canopy Species	% Cover	Size Class	DBH Age						
	lorthern Pin Oak	100	Log	1 10						
197	3303 - Mixed Lo	ow Density	Trees	Unspecifed	2.4			No	)	Scattered pockets of oak and pine.
					Sub-Ca	anopy Species	Density	Avg. Height	Size	
					Black/Re	ed (Hybrid) Oak	Low	Variable	Variable	
					Já	ack Pine	Low	Variable	Variable	
					R	Red Pine	Low	Variable	Variable	
198	4130 -	- Aspen		Sapling Well	4.5	10 I	mmature	N/A	4	
	Canopy Species	% Cover	Size Class	DBH Age						
	Quaking Aspen	95	Log	1 10						
(										



Stand	Level 4 Co	over Type		Size De	ensity	Acres	Stand Age	BA Range	Managed Si	te	General Comments	
200	4132 - Aspe	en, Jack Pi	ne	Sapling	Medium	6.8	10	Immature	N/A		A few wet pockets throughout	
Ca	anopy Species	% Cover	Size Class	DBH	l Age							
I	Red Maple	20	Log	2	10							
Qu	aking Aspen	45	Log	2	10							
Black/F	Red (Hybrid) Oak	15	Log	2	10							
	Jack Pine	20	Log	2	10							
202	42120 - Plan	ted Jack P	ine	Sapling	g Well	75.9	24	1-50	N/A		Stand was harvest in Winter 2001 and trenched/seeded in the spring	
Ca	anopy Species	% Cover	Size Class	DBH	l Age						of 2001.	
Nor	thern Pin Oak	5	Log	2	24							
	Jack Pine	95	Pole	3	24							
203	42220 - Natu	ıral Jack P	ine	Sapling	g Well	36.1	35	1-50	N/A		Stand was harvested and then roller chopped. It was never seeded	
Ca	anopy Species	% Cover	Size Class	DBH	l Age						with all jack pine regeneration being natural.	
	Jack Pine	98	Pole	4	35							
Nor	thern Pin Oak	2	Pole	3	35							
204	110 - Low In	tensity Urb	oan	Unspe	ecifed	20.3			No		R.O.W. containing the Lake States Railroad on the west side and a	
						Sub-Ca	nopy Speci	es Density	Avg. Height	Size	buried Gas Pipeline of Michcon's on the east edge. Jack pine sapling strip is growing along the railroad.	
						Ja	ck Pine	Medium	10 - 20 feet	10 - 20 feet		
205	42220 - Natu	ıral Jack P	ine	Poletimb	er Well	11.3	75	81-110	N/A		Thin strip of land between M-76 and the Railroad. There is a strip of	
Ca	anopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Speci	es Density	Avg. Height	Size	red pine of 5-6 rows wide about 100 yards long at the north end. The rest is natural regeneration of jack and oak. Appears there once was	
	Jack Pine	80	Seedling	8	75	Northe	rn Pin Oak	Medium	5 - 10 feet	5 - 10 feet	an old narrow gauge rail bed that run down the middle of this stand.	
Nor	thern Pin Oak	16		10		Ja	ck Pine	Medium	5 - 10 feet	5 - 10 feet		
	Red Pine	4	Seedling	8							-	
207	4310 - Pin	ne, Oak Mix	K	Sapling	g Well	25.9	26	Immature	N/A		Stand was seeded to jack pine with the Sigma Seeder in 1998.	
Ca	anopy Species	% Cover	Size Class	DBH	l Age							
	Jack Pine	55	Pole	4	26							
Nor	thern Pin Oak	45	Sapling	5	28							
209	42220 - Natu	ıral Jack P	ine	Sapling	g Well	13.6	34	Immature	N/A		This was a private parcel that was clearcut by the private landowner	
Ca	anopy Species	% Cover	Size Class	DBH	l Age						back in 1990 and acquired by the state shortly thereafter. It has come back thick to jack pine with a good percentage of stump sprouted oak	
Nor	thern Pin Oak	20	Log	3	34						also.	
	Jack Pine	80	Pole	4	34							
						40.4	0	11	N1/A		Otand was final harmost in winter 2010/2010. Come years in coming in	
210	42220 - Natu	ıral Jack P	ine	Sapling	g Poor	18.4	6	Unspecified	N/A		Stand was final harvest in winter 2018/2019. Some regen is coming in	
	42220 - Natu		ine Size Class		Poor Age	18.4	ь	Unspecified	N/A		and it should continue to as time goes on.	



Stand	Level 4 C	over Type		Size De	ensity	Acres	Stand Age B	A Range	Managed S	ite	General Comments
212	6225	5 - Bog		Unspe	cifed	24.1			No		Leatherleaf bog with lowland jack pine around the perimeter.
						Sub-Ca	nopy Species	Density	Avg. Height	Size	
						Ja	ck Pine	Medium	>20 feet	>20 feet	
						Lea	atherleaf	Full	< 5 feet	< 5 feet	
213	4130	- Aspen	F	Poletimb	er Well	12.7	31	81-110	N/A		
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
Ν	Northern Pin Oak	5	Sapling	5		North	ern Pin Oak	Low	5 - 10 feet	5 - 10 feet	
	Red Maple	5	Sapling	5		Re	d Maple	Medium	5 - 10 feet	5 - 10 feet	
	Bigtooth Aspen	90	Sapling	7	31	Bigto	oth Aspen	Low	5 - 10 feet	5 - 10 feet	
214	42120 - Plar	nted Jack P	ine	Saplin	g Well	46.8	31	1-50	N/A		Site trench and planted to jack pine in 1994.
	Canopy Species	% Cover	Size Class	DBH	l Age						
	Bigtooth Aspen	2	Pole	4							
	Northern Pin Oak	10	Log	4							
	Jack Pine	88	Pole	4	31						
215	6225	5 - Bog		Unspe	cifed	1.8			No		Leatherleaf bog with a perimeter of lowland jack pine.
						Sub-Ca	nopy Species	Density	Avg. Height	Size	
							atherleaf	Full	< 5 feet	< 5 feet	
						Ja	ck Pine	Medium	10 - 20 feet	10 - 20 feet	
218	121 -	Airport		Unspe	cifed	55.5			Yes		The Michigan Department of Natural Resources airport. Paved runway with grass landing strips on crosswind side. Contains two hangers. The grass along the runway edges is mowed.
219	110 - Low Ir	ntensity Urb	an	Unspe	cifed	1.1			Yes	i	Overhead powerline and its cleared right-of-way.
220	4125 - Blac	k, N. Pin O	ak Sa	awtimbe	r Mediun	n 11.1	101	51-80	N/A		Stand was thinned in the spring of 1998 removing all pine , aspen,
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	and maple and thinning of the oak. It has good jack pine regeneration coming in along with oak both seeded and stump sprouted. There is
Ν	Northern Pin Oak	95		11	101	North	ern Pin Oak	Medium	5 - 10 feet	5 - 10 feet	an overhead powerline/clearing along the south line and a small (1/2
	Red Pine	1		10		WI	nite Pine	Low	10 - 20 feet	10 - 20 feet	acre) leatherleaf bog on the southwest edge. A small pocket on the
	White Pine	2				la la	ck Pine	High	10 - 20 feet	10 - 20 feet	southwest corner was not treated and is thicker and was left as a visual for the treatment. It consists of heavy white pine mixed with
	***************************************			8		Ja		9			
	Jack Pine	2	Sapling	6		Ja		i iigii			jack pine. Leave for another rotation and do wither a shelterwood or
221	Jack Pine 42141 - Planted	2		6 Sapling		26.8		mmature	N/A		jack pine. Leave for another rotation and do wither a shelterwood or seed tree harvest this will allow the current regeneration to get larger.  Hand planted with red pine seedlings in 2010. They planted less per acre (approx. 400) of red pine and wanted to get more interface with
	Jack Pine 42141 - Planted	2 Mixed Pine		6 Sapling	g Well						jack pine. Leave for another rotation and do wither a shelterwood or seed tree harvest this will allow the current regeneration to get larger.  Hand planted with red pine seedlings in 2010. They planted less per acre (approx. 400) of red pine and wanted to get more interface with natural jack pine and oak. This has occurred, there is full mix of
	Jack Pine  42141 - Planted Dec	2 Mixed Pine	, Mixed	6 Sapling							jack pine. Leave for another rotation and do wither a shelterwood or seed tree harvest this will allow the current regeneration to get larger.  Hand planted with red pine seedlings in 2010. They planted less per acre (approx. 400) of red pine and wanted to get more interface with
N	Jack Pine  42141 - Planted Dec  Canopy Species	Mixed Pine iduous % Cover	, Mixed	6 Sapling	I Age						jack pine. Leave for another rotation and do wither a shelterwood or seed tree harvest this will allow the current regeneration to get larger.  Hand planted with red pine seedlings in 2010. They planted less per acre (approx. 400) of red pine and wanted to get more interface with natural jack pine and oak. This has occurred, there is full mix of
N	Jack Pine  42141 - Planted Dec  Canopy Species Northern Pin Oak	Mixed Pine iduous  Cover	, Mixed Size Class	Sapling  DBH  15							jack pine. Leave for another rotation and do wither a shelterwood or seed tree harvest this will allow the current regeneration to get larger.  Hand planted with red pine seedlings in 2010. They planted less per acre (approx. 400) of red pine and wanted to get more interface with natural jack pine and oak. This has occurred, there is full mix of



Stand	Level 4 Cover Type	Size Density	Acres Stand Age	BA Range	Managed Si	ite	General Comments
223	3303 - Mixed Low Density Trees	Unspecifed	205.1		Yes		This stand is not to become a forest stand again, but rather an open grass field to eliminate tall objects interfering with planes taking off and landing. A prescribed fire was attempted but failed.to kill any of the oak and little of the jack pine. It has been decided to apply herbicide aerially and then either mechanically treat the woody vegetation, i.e. roller chop, and/or follow-up with a moderate prescribed burn cycle. Aerially herbicided in 2019.
224	42120 - Planted Jack Pine	Sapling Well	37.4 34	1-50	N/A		Plantation established in 1991. They reseeded bare spots in April 1993. The oak is sparse mixed evenly though and is slightly larger do
	Canopy Species % Cover Size Clas						to most being from stump sprouts.
N	Jack Pine 95 Pole orthern Pin Oak 5 Log	4 34 4 34					
-							
225	6225 - Bog	Unspecifed	19.7		No		_
			Sub-Canopy Species		Avg. Height	Size	
			Jack Pine	Low	>20 feet	>20 feet	
			Leatherleaf Tag Alder	Full	< 5 feet 5 - 10 feet	< 5 feet 5 - 10 feet	
			ray Alder	LOW	3 - 10 1661	3 - 10 1661	1
226	6122 - Black Spruce	Poletimber Well	5.7 105	Unspecified	N/A		Black spruce stand in the middle of a leatherleaf bog.
(	Canopy Species % Cover Size Clas	s DBH Age	Sub-Canopy Species	Density	Avg. Height	Size	
	Black Spruce 100	8 105	Black Spruce	Low	5 - 10 feet	5 - 10 feet	
227	6225 - Bog	Unspecifed	4.6		No		Leatherleaf bog.
			Sub-Canopy Species	Density	Avg. Height	Size	
			Leatherleaf	Full	< 5 feet	< 5 feet	
228	42120 - Planted Jack Pine	Sapling Medium	5.5 11	Immature	N/A		Cut 2014, trench and re-plant to jack pine. Trenched in 2014; jack
(	Canopy Species % Cover Size Clas	s DBH Age					pine planting in 2015.
Black	k/Red (Hybrid) Oak 15 Log	1 11					
	Jack Pine 85 Log	2 11					