

Compartment Review Presentation

Roscommon Forest Management Unit

Compartment 71070

Entry Year 2027

Acreage: 3,271

County: Ogemaw

Management Area: High Sand Plains

Stand Examiner: Avery Sanborn

Legal Description:

T23N R01E Sections 16, 17, 18, 19, 20, 21, 28, 29, 30, 33.T23N R01W Sections 13, 23, 24, 25.

Identified Planning Goals:

Maintain current cover types, balance stocking for sustained yield and healthy stands. Provide habitat for Kirtland warbler as per the KW Management Plan.

Soil and topography:

Flat to rolling terrain, with a lower swampy areas along the northwest side. Soils are Grayling and Graycalm Sands in the uplands and Roscommon mucky sand in the swamp.

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

Mainly state, with a private subdivided parcel (Dillon Plat) in the center of the compartment.

Unique Natural Features:

The conservation area reviewer suggests possible Opuntia fragilis just to the east of the compartment, possible Festuca altaica on the west side of the compartment near St. Helen, and possible Prunus umbellata to the northeast of the compartment.

Archeological, Historical, and Cultural Features:

None recorded or identified during field work. Possible abandoned homesteads or other old buildings that no longer exist associated with the railroad.

Special Management Designations or Considerations:

Compartment is within a Kirtland warbler management zone.

Watershed and Fisheries Considerations:

None noted.

Wildlife Habitat Considerations:

Mineral Resource and Development Concerns and/or Restrictions

Sections 8, 16-21, 28-30, & 33, T23N R1E, Ogemaw County and sections 13 & 23-25, T23N R1W, Roscommon County.No known potential exists for economic deposits of metallic minerals in this part of the state. No known active sand/gravel operations exist within four miles. Potential for development of sand & gravel within the compartment appears to be relatively limited, both in terms of resource potential and land use restrictions related to Kirtland's warbler habitat management. The nearest hydrocarbon production, past or present, is more than two miles southeast. State oil & gas leases in the compartment expired earlier this year, and parcels have been leased repeatedly over the last 30 years, suggested that a known target may exist. However, there has been no well permitting activity in the area over that period, so the prospect, if one exists, may not be economical to develop at this time due to commodity prices, access, and/or other factors. 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:

All portions can be accessed easily.

Survey Needs:

None at this time.

Recreational Facilities and Opportunities:

This compartment is used for snowmobiling, bird watching and hunting pursuits. Designated snowmobile trail 6-9 bisects the

compartment and occurs along Saga Road. Utilize forest management practices to curtail further damage by off road vehicle use and other trespasses issues. If harvest activities occur during the snowmobile season of December 1 thru March 31 a snow bed must be preserved on Designated Snowmobile Trails. Ensure logging activity does not obliterate the designated trails by limiting the number of crossings. All stumps within 20 feet of the trail shall be Flush-Cut to ensure stumps do not result in unsafe conditions. Assure 'logging ahead' warning signs are placed on the designated trails and snowmobile trails during logging activity.

Fire Protection:

This compartment consists of very volatile fuels, primarily planted jack pine for Kirtland's Warbler. Access should not be problematic with section roads present without.

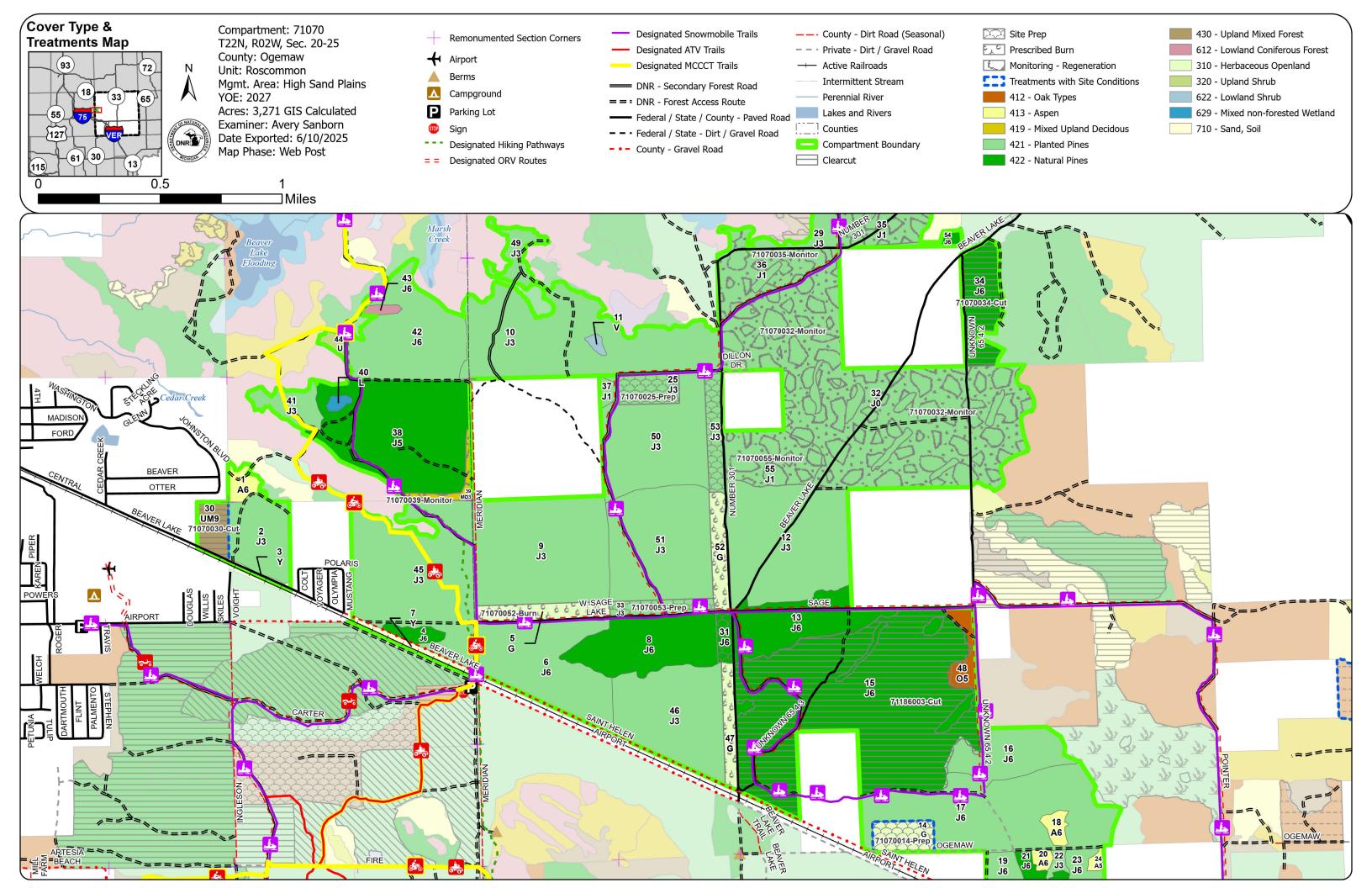
Additional Compartment Information:

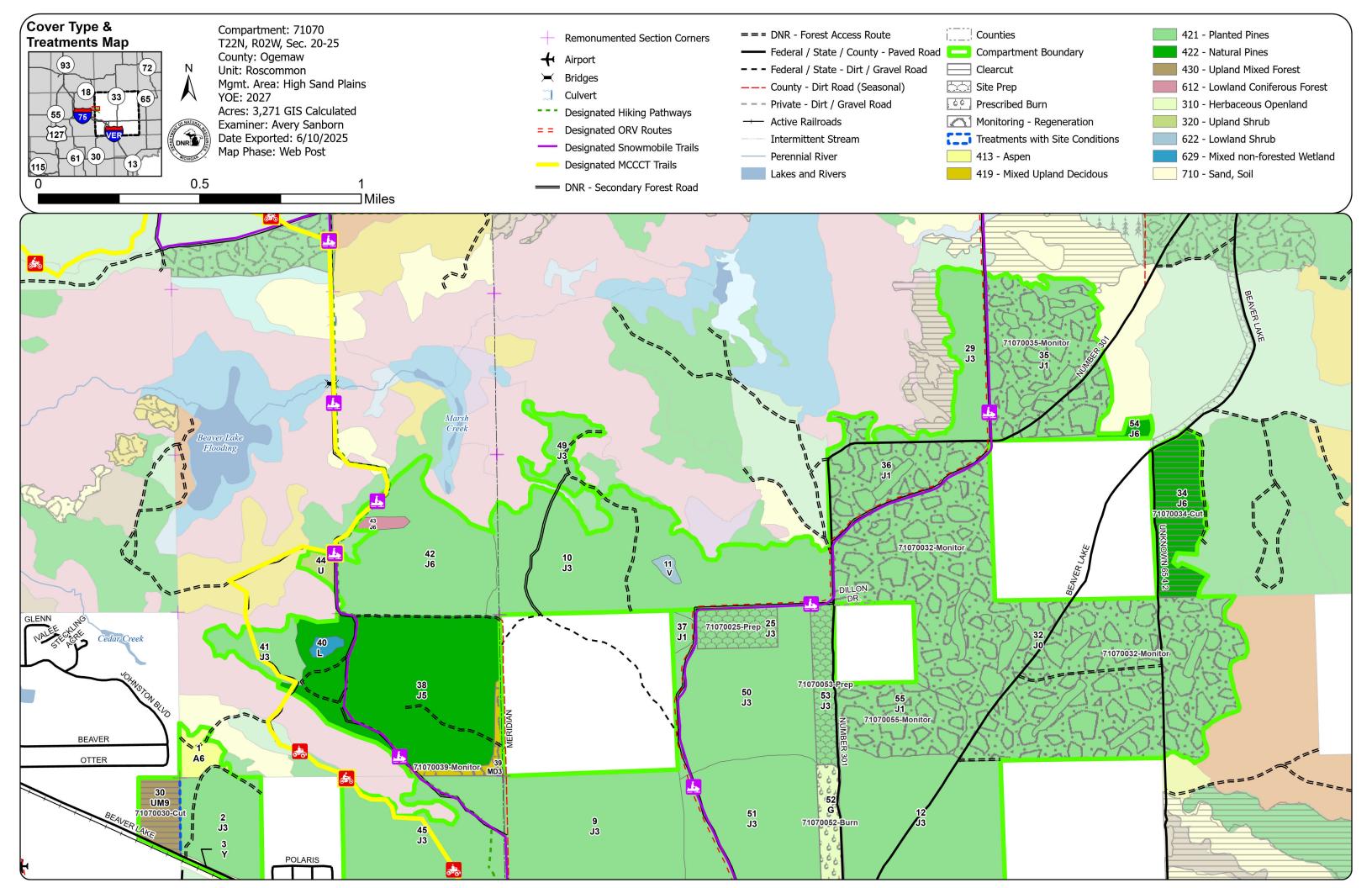
The following reports from the Inventory are attached:

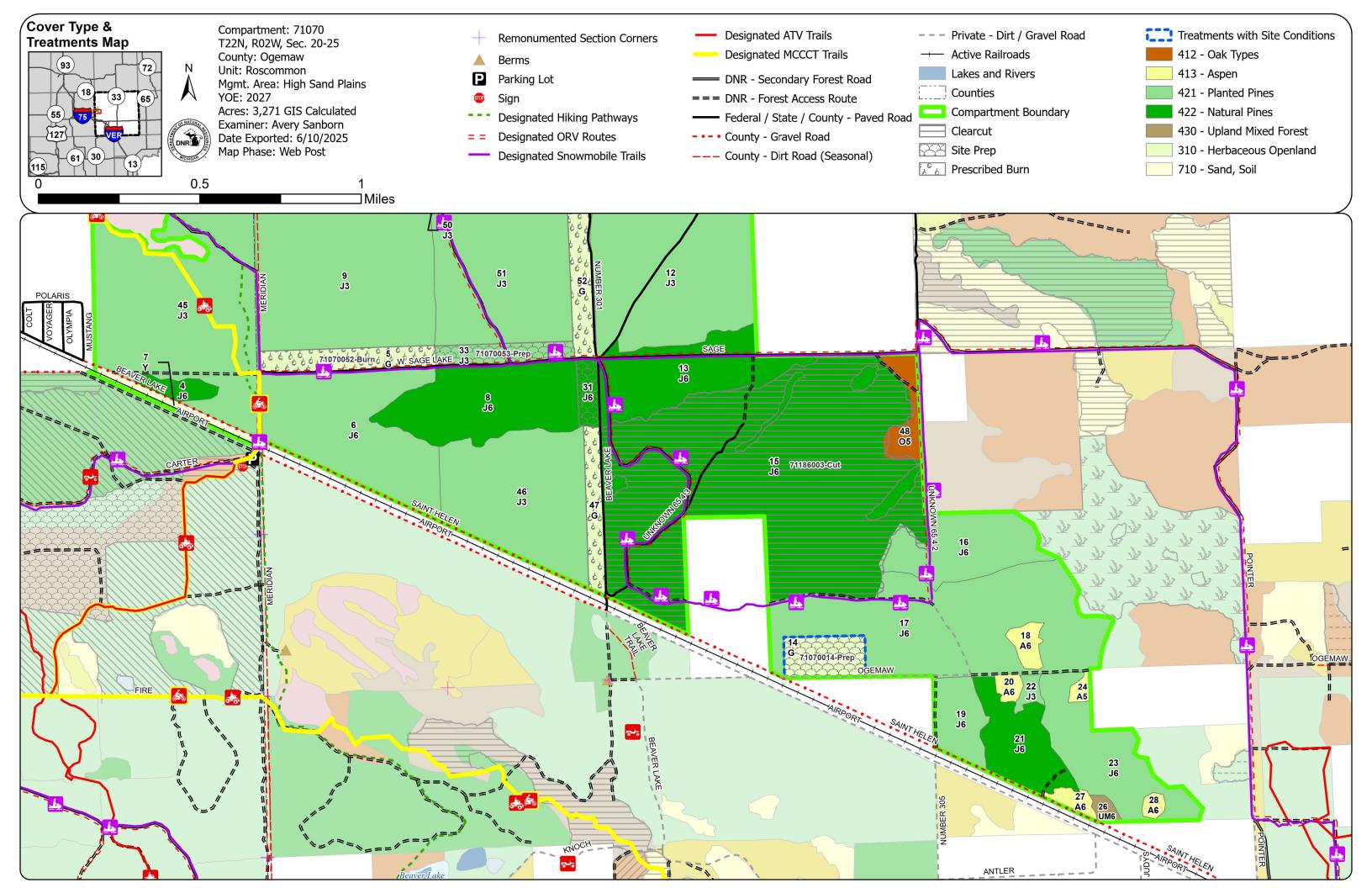
Total Acres by Cover Type and Age Class
Cover Type by Harvest Method
Proposed Treatments – No Limiting Factors
Proposed Treatments – With Limiting Factors
Stand Details (Forested and Nonforested)
Dedicated and Proposed Special Conservation Areas
Site Condition Details

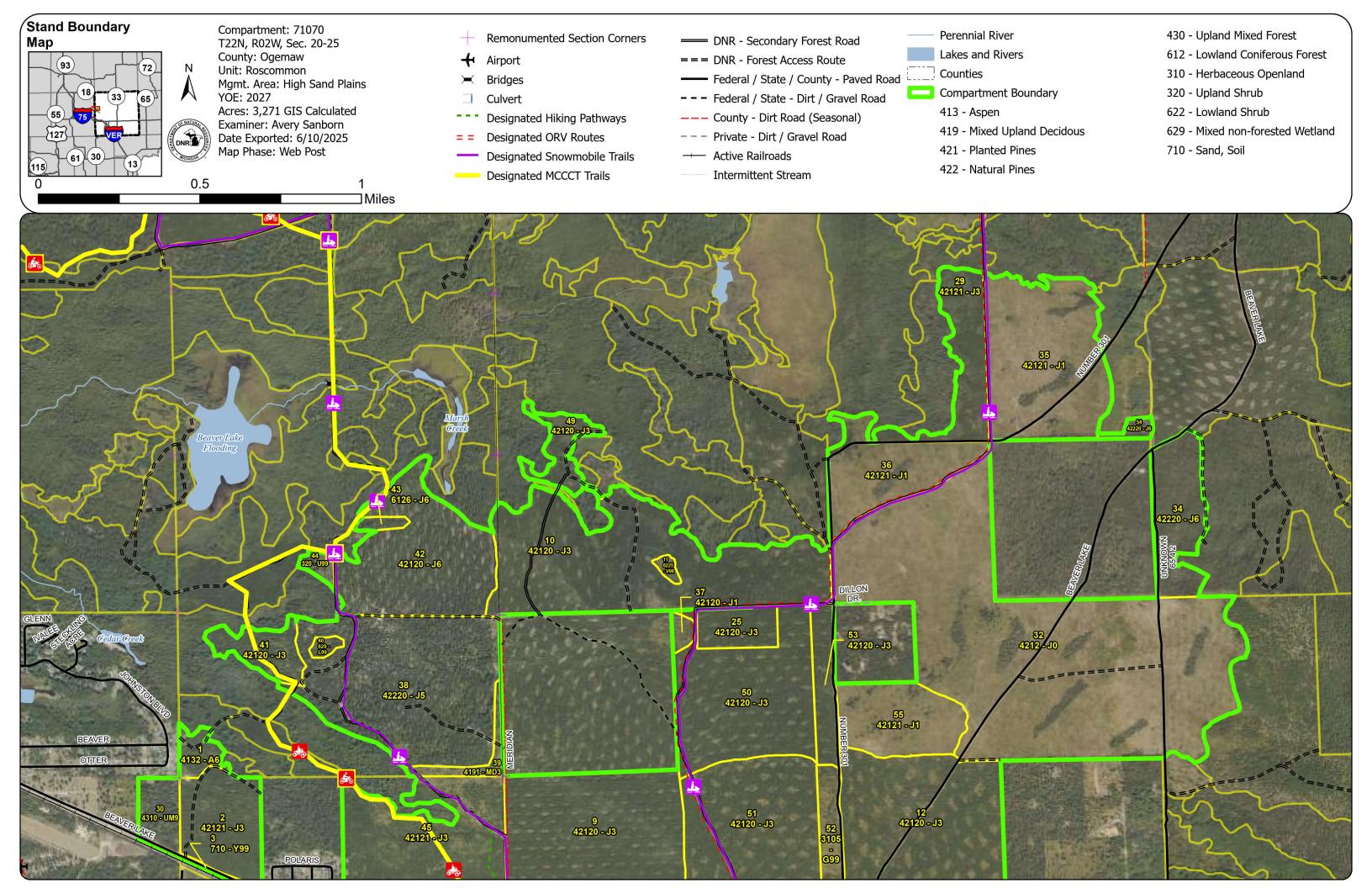
The following information is displayed, where pertinent, on the attached compartment maps:

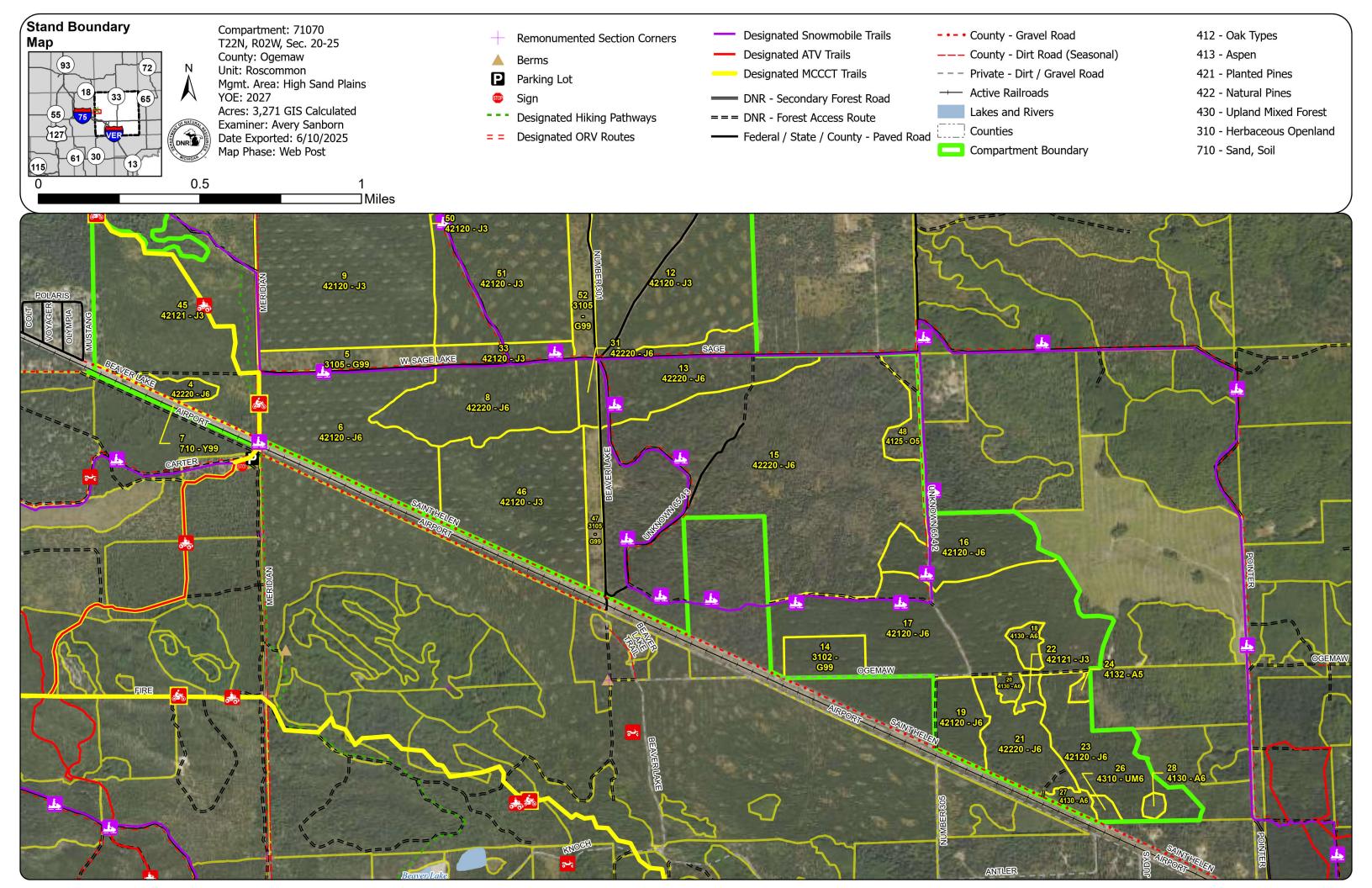
Base feature information, stand boundaries, cover types, and numbers Proposed treatments
Site condition boundaries
Details on the road access system

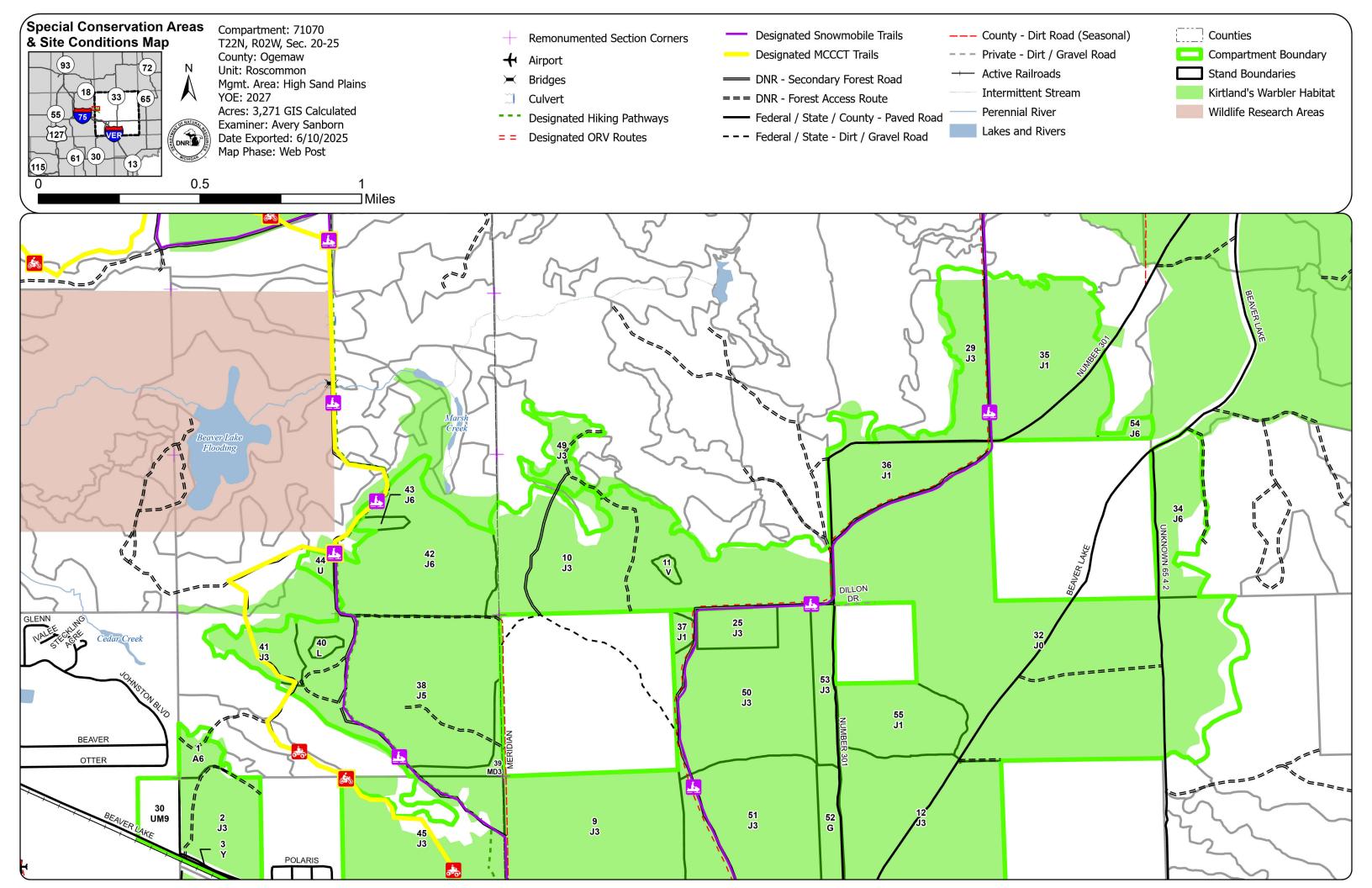


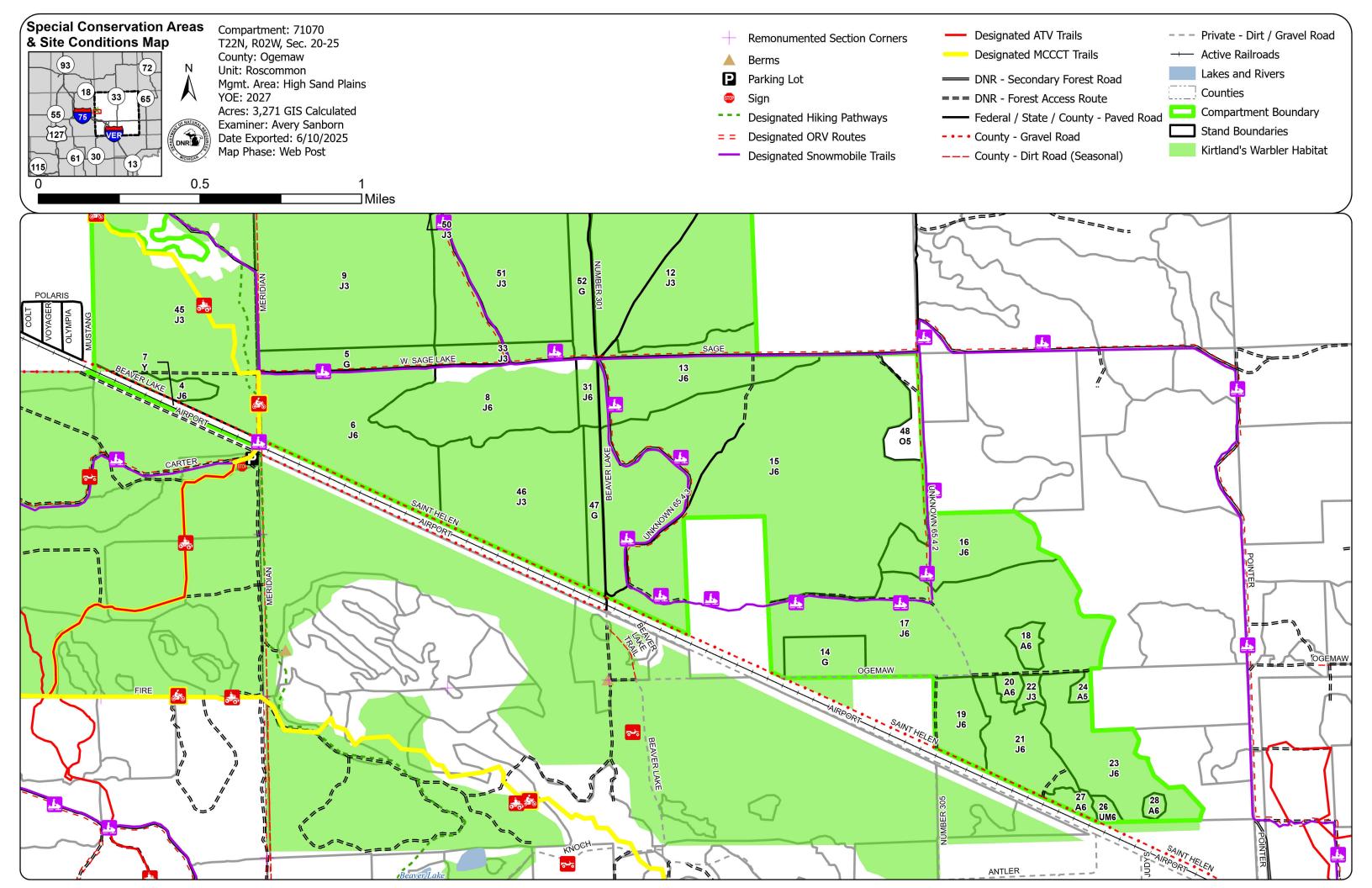












Roscommon Mgt. Unit **Avery Sanborn: Examiner** Compartment 70 Year of Entry 2027



Age Class

	Age.	KO CO	3 / 4	\$ \ \$	e k	3 / 5		3/8	3 / 1	\$ \ \$	\$ 8°		Salar				A S	A Real	A LOS
Aspen	0	0	0	11	13	10	0	0	0	0	0	0	0	0	0	0	0	0	34
Bog	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Herbaceous Openland	83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	83
Jack Pine	395	223	19	1012	881	149	46	0	360	0	0	0	0	0	0	0	0	0	3084
Lowland Shrub	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Mixed Upland Deciduous	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Oak	0	0	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15
Sand, Soil	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13
Upland Mixed Forest	0	0	0	0	4	0	0	18	0	0	0	0	0	0	0	0	0	0	22
Upland Shrub	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Total	502	223	29	1038	898	159	46	18	360	0	0	0	0	0	0	0	0	0	3272



Report 2 – Treatment Summary

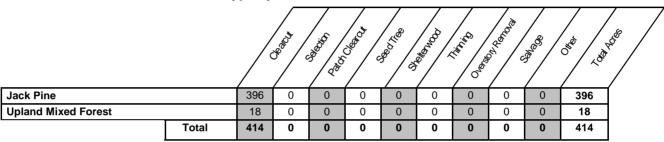
Roscommon Mgt. Unit Year of Entry: 2027

Acres of Harvest

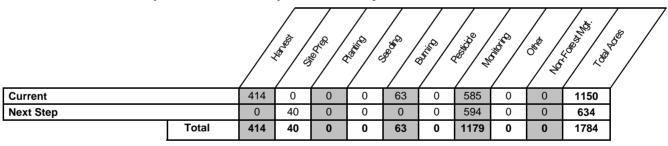
Compartment 70
Total Compartment Acres: 3,271

Commercial Harvest - 396 Harvests with Site Condition - 36 Next Step Harvest - 0 Habitat Cut - 0

Cover Type by Harvest Method



Proposed and Next Step Treatments by Method



Roscommon Mgt. Unit Report

Stand

CoverType

Report 3 -- Treatments Compartment: 70
Year of Entry: 202

Treatment

Method

S t

Acres

Year of Entry: 2027

Cover Type Age Habitat

Structure

Cut

Objective

Proposed Treatments:

Treatment

Name

34 71070034-Cut 46.3 4222 - Natural 6 53 51-80 Harvest Clearcut 4222 - Natural Planting No Jack Pine Record

Treatment

Type

BA

Range

Prescription Clearcut 2" and up. Leave all Red pine that are 16" and up. Spread jack pine tops for seed source.

Size

Density

Stand

Age

Specs:

а

n

d

Next Step Treatments:

Acceptable Fully stocked Jack Pine with a Red Pine component.

Regen:

Other Monitoring treatment needed 3 Years post harvest.

Comment:

Site Condition:

Proposed Start Date: 10/01/2026

30 71070030-Cut 17.9 4310 - Pine, Oak 9 69 51-80 Harvest Clearcut 4122 - Oak, Pine Planting No Mix

<u>Prescription</u> Remove all stems 4"+ to leave advance oak and pine. Use retention in an area with the most vigorous trees that will likely survive.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Any mix of oak and pine at fully stocked levels.

Regen:
Other
Comment:

<u>Site Condition:</u> Survey Needed <u>Proposed Start Date:</u> 10/01/2026

Approved Treatments:

5571070055-51.942121 - Planted15MonitoringMonitoring -42120 - PlantedPlantingNoMonitorJack Pine, MixedRegenerationJack PineRecord

Deciduous

Prescription monitor

Specs:

Next Step Monitoring, Artificial Regen (3yr)

Treatments:

Acceptable Will be replanted to jack pine

Regen:

Other Percent to Treat = 100%

Comment:

Site Condition:

Proposed Start Date: 10/01/2020

Site Condition:

Proposed Start Date: 01/01/2021

Planting 71070032-373.0 4212 - Planted Jack 0 4 Monitoring Monitoring -42120 - Planted No 32 **Monitor** Pine Regeneration Jack Pine Record **Prescription** Specs:

Next Step Monitoring, Artificial Regen (3yr)

Treatments:

Acceptable Will be replanted to jack pine

Regen:

Percent to Treat = 100% **Other**

Comment:

Site Condition:

Proposed Start Date: 06/02/2021

Report 3 -- Treatments



Compartment: 70

Year of Entry: 2027

t									rear or Entry	y. 2021	DNR
a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habit Cut
25	71070025- Prep	19.9	42120 - Planted Jack Pine	3	22	Immatu re	Site Prep-Mech.	Site Prep	4222 - Natural Jack Pine	Planting Record	N
Pre: Spe		cate then s	carify for KW JP res	earch							
	<u>kt Step</u> SiteP atments:	rep, Scarifi	cation								
	<u>eptable</u> KW d gen:	ensity JP r	esearch								
Oth Con	<u>er</u> nment:										
Site	Condition:										
Pro	posed Start Dat	<u>e:</u> 01/01/2	2025								
Pres	71070014- Prep scription scarif	20.4 y 10 acres	3102 - Grass in spring	99			Site Prep-Mech.	Site Prep	42220 - Natural Jack Pine	Planting Record	N
	<u>ct Step</u> ; Site atments:	Prep, Scar	ification								
	eptable gen:										
Oth Con	<u>er</u> Perce nment:	ent to Treat	= 50%								
<u>Site</u>	Condition: Re	esearch Stu	ıdy								
Pro	posed Start Dat	<u>e:</u> 01/01/2	2023								
5	71070052- Burn	62.5	3105 - Mixed Upland Herbaceous	99			Burn	Prescribed Burn	3102 - Grass	Previous Inventory	N
<u>Pre</u>		dically burn	to maintain as a fue	el break							
	<u>kt Step</u> atments:										
	<u>eptable</u> Grass gen:	opening									
Oth Con	<u>er</u> nment:										
Site	Condition:										
<u>Pro</u>	posed Start Dat	<u>e:</u> 10/01/2	2024								
15	71186003-Cu	t 350.1	42220 - Natural Jack Pine	6	73	51-80	Harvest	Clearcut	42120 - Planted Jack Pine	Planting Record	N
<u>Pres</u>		cut and pla	nt jack pine per the	KW manaç	gement p	olan.					
	<u>kt Step</u> atments:										
	<u>eptable</u> Plante gen:	ed jack pine	e at KW levels								
Oth Con	<u>er</u> nment:										
	Condition:										
Pro	posed Start Dat	<u>e:</u> 10/01/2	2023								

Roscommon Mgt. Unit Report 3 -- Treatments Compartment: 70 S t Year of Entry: 2027 а **Treatment** Acres Stand Size Stand ВА **Treatment Treatment Cover Type** Age Habitat n Name CoverType Density Age Range Type Method Objective Structure d Cut

Total Treatment 1149.9 Acreage Proposed:

Report 4 – Site Conditions

Roscommon Mgt. Unit

Avery Sanborn: Examiner





Availa	ability for	Managemer	nt					
Total	Acres	Acres Avail	Acres		Domina	nt Site	e Con	ditions
Acres	Available	With Condition	Not Available		21	5B	5G	5E
33	33	0	0	Aspen				
3	3	0	0	Bog				
83	63	20	0	Herbaceous Openland			20	
2922	2908	0	13	Jack Pine				13
3	3	0	0	Lowland Shrub				
10	10	0	0	Mixed Upland Deciduous				
15	0	15	0	Oak		15		
13	13	0	0	Sand, Soil				
21	4	18	0	Upland Mixed Forest	18			
5	5	0	0	Upland Shrub				
3,109	3,042	54	13	Total Forested Acres	18	15	20	13
-	98%	2%	0%	Relative Percent		-	-	-

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

Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable	5E: Long-Term Retention	21	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						
	Available	5G: Research Study	20	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Research						
	Unavailable	5E: Long-Term Retention	6	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						

Report 4 – Site Conditions

Roscommon Mgt. Unit
Avery Sanborn: Examiner



5	Available	5B: Maintain for regeneration purposes	15	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
6	Unavailable	5E: Long-Term Retention	4	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
7	Available	5G: Research Study	2	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Roth 2017 thinning	plot - MSU stand 16					
8	Available	5G: Research Study	4	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Roth 2017 thinning	plot - MSU stand 17					
9	Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
10	Unavailable	5E: Long-Term Retention	5	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
11	Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
12	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
	2005 40 00 40 014 0						

Report 4 – Site Conditions

Roscommon Mgt. Unit
Avery Sanborn: Examiner

Compartment: 70 Year of Entry: 2027



14 Available 2I: Survey needed 18

Comments:

NW corner could not be verified.

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				



Stan	d Level 4 C	over Type		Size D	ensity	Acres	Stand Age E	BA Range	Managed S	Site	General Comments
1	4132 - Asp	en, Jack Pi	ne	Saplin	ıg Well	10.7	22	Immature	N/A	A	Part of big Kw cut to the south. Clone of aspen on nw edge. Cutting Completed June 2004. Jack Pine planted spring 2006.
	Canopy Species	% Cover	Size Class	DB	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Completed Julie 2004. Jack Fine planted spring 2006.
	Jack Pine	30	Log	4	20	Pir	n Cherry	Low	< 5 feet	< 5 feet	
	Northern Pin Oak	23	Log	4	22						
	Quaking Aspen	42	Sapling	5	22						
	Pin Cherry	5	Log	3							
2	42121 - Planted Dec	d Jack Pine, ciduous	Mixed	Saplin	g Well	48.5	22	Immature	N/A	A	Jack pine plantation. Planted 2004.
	Canopy Species		Size Class	DB	H Age		nopy Species	Density	Avg. Height	Size	
	Northern Pin Oak	20	Log	4		Pir	n Cherry	Low	< 5 feet	< 5 feet	
	Jack Pine	77	Log	4	22						
	Pin Cherry	3	Log	3							
3	710 - \$	Sand, Soil		Unsp	ecifed	2.9			No)	
4	42220 - Na	tural Jack P	ine	Poletim	ber Well	8.5	38	51-80	N/A	Ą	Heavy J3/J6 stand from St Helen fire of 1987. 5" diameter, just
	Canopy Species	% Cover	Size Class	DB	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	beginning to have single stick. Most trees originated from the fire but a few oak, red pine, and jack are of older origin.
	Jack Pine	3		11	90	Ja	ck Pine	Low	< 5 feet	< 5 feet	lew bark, rea pine, and jack are or older origin.
	Jack Pine	87	Seedling	7	38	Northe	ern Pin Oak	Medium	5 - 10 feet	5 - 10 feet	
	Northern Pin Oak	4	Seedling	6		Re	ed Pine	Trace	< 5 feet	< 5 feet	
	Red Pine	5		18		Pir	Cherry	Low	5 - 10 feet	5 - 10 feet	
	Pin Cherry	1	Pole	4		Sw	eet Fern	Low	5 - 10 feet	5 - 10 feet	
5	3105 - Mixed U	pland Herb	aceous	Unsp	ecifed	24.0			Yes	s	5 chain wide fire break that is starting to regrow back to its former
						Sub-Ca	nopy Species	Density	Avg. Height	Size	cover type. Mix of oak, jack pine and pin cherry. Not fully stocked but will become in the future unless treated.
						Ja	ck Pine	Medium	10 - 20 feet	10 - 20 feet	
						Northe	ern Pin Oak	Low	10 - 20 feet	10 - 20 feet	
						Chol	ke Cherry	Medium	10 - 20 feet	10 - 20 feet	
6	42120 - Pla	nted Jack F	Pine	Poletim	ber Well	106.0	32	1-50	N/A	A	Artificial jack pine stand for Kirtland Warbler planted in the weave pattern in 1993. Just starting to make sticks. I estimate 40% of stems
	Canopy Species	% Cover	Size Class	DB	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	are still unmerchantable.
	Jack Pine	99	Sapling	5	32	Northe	ern Pin Oak	Low	5 - 10 feet	5 - 10 feet	
	Northern Pin Oak	1	Sapling	5		Pir	Cherry	Low	5 - 10 feet	5 - 10 feet	
7	710 - 9	Sand, Soil		Unsp	ecifed	10.3			No)	St. Helen Trail, buried gas line and Railroad ROW
8	42220 - Na	tural Jack P	rine	Saplin	g Well	77.6	38	1-50	N/A	Ą	Naturally regenerating jack pine stand resulting from the St. Helen forest fire in 1987. Some pine just starting to become merchantable. A
	Canopy Species		Size Class		H Age		nopy Species	Density	Avg. Height	Size	small portion of the stand next to the road to the north was planted
	Jack Pine	96	Sapling	5	38		ern Pin Oak	Low	5 - 10 feet	5 - 10 feet	with the surrounding KW areas.
	Northern Pin Oak	4	Log	4	38	Pir	n Cherry	Low	< 5 feet	< 5 feet	



Stand	Level 4 C	over Type		Size Density	Acres S	Stand Age B	A Range	Managed S	Site	General Comments
9	42120 - Pla	nted Jack F	Pine	Poletimber Well	153.1	32	51-80	N/A	A	Kirtland Warbler planting done in the traditional weave in 1993. Some
(Canopy Species	% Cover	Size Class	DBH Age	Sub-Cano	py Species	Density	Avg. Height	Size	trees just starting to make sticks.
No	orthern Pin Oak	1	Pole	4	Pin (Cherry	Trace	< 5 feet	< 5 feet	
	Jack Pine	99	Pole	4 32						
10	42120 - Pla	nted Jack F	Pine	Sapling Well	179.2	21 I	mmature	N/A	4	Seeded in 2002 by both contractor and DNR. The contractors portion
(Canopy Species	% Cover	Size Class	DBH Age	Sub-Cand	py Species	Density	Avg. Height	Size	failed so the stand was subsequently planted in 2004 to bring it to proper stocking for KW.
No	orthern Pin Oak	4	Log	3	Pin (Cherry	Low	< 5 feet	< 5 feet	
	Jack Pine	95	Log	3 21						
	Pin Cherry	1	Log	2						
11	622	5 - Bog		Unspecifed	2.7			No	1	
12	42120 - Pla	nted Jack F	Pine	Sapling Well	148.5	22 I	mmature	N/A	A	FTP record indicates planting either 2002/03.
(Canopy Species	% Cover	Size Class	DBH Age	Sub-Cano	py Species	Density	Avg. Height	Size	
No	orthern Pin Oak	9	Log	3	Northerr	n Pin Oak	Low	5 - 10 feet	5 - 10 feet	
	Jack Pine	90	Log	3 22	Pin (Cherry	Low	5 - 10 feet	5 - 10 feet	
	Pin Cherry	1	Log	2			'	1		•
13	42220 - Na	ural Jack P	ine	Poletimber Well	68.2	38	51-80	N/A	١	Stand was created from St. Helen wildfire. Very thick in some spots
(Canopy Species	% Cover	Size Class	DBH Age	Sub-Cand	py Species	Density	Avg. Height	Size	and open in others. 1987.
	Jack Pine	98	Seedling	5 38	Jack	k Pine	Low	< 5 feet	< 5 feet	
	Pin Cherry	1	Log	2	Northerr	n Pin Oak	Low	Variable	Variable	
No	orthern Pin Oak	1	Pole	4	Pin (Cherry	Trace	5 - 10 feet	5 - 10 feet	
14	3102	- Grass			20.4					Stand has been masticated as a part of an MSU research study.
					Sub-Cand	py Species	Density	Avg. Height	Size	Masticated in 2023, half winter, half summer.
					Mixed Sed	ges/Grasses	Full	Not Applicable	Not Applicable	
					Pin (Cherry	Medium	< 5 feet	< 5 feet	
15	42220 - Na	ural Jack P	ine	Poletimber Well	360.0	73	51-80	N/A	A	Quickly degrading jack pine. Stand is to be replanted in 2027 per the
(Canopy Species	% Cover	Size Class	DBH Age	Sub-Cano	py Species	Density	Avg. Height	Size	KW management plan.
	Jack Pine	97		9 73	Jack	c Pine	Low	Variable	Variable	
No	orthern Pin Oak	2		13	Pin (Cherry	Low	Variable	Variable	
	Red Pine	1		15	Northerr	n Pin Oak	Low	Variable	Variable	
16	42120 - Pla	nted Jack F	Pine	Poletimber Well	53.3	30	1-50	N/A	4	FTP record indicates planting around 1994/95.
(Canopy Species	% Cover	Size Class	DBH Age						
	Jack Pine	98	Seedling	5 30						
	Pin Cherry	2	Pole	4						



Stand	d Level 4 C	over Type		Size De	nsity	Acres	Stand Age B	A Range	Managed S	iite	General Comments
17	42120 - Plar	nted Jack P	ine	Poletimb	er Well	160.5	30	1-50	N/A	\	Record of planting date somewhat ambiguous. Cores indicate 1995.
	Canopy Species	% Cover	Size Class	DBH	Age						Trees range from 3.5-7" dbh.
	Jack Pine	98	Seedling	5	30						
	Pin Cherry	2	Pole	4							
18	4130	- Aspen		Sapling	Well	7.1	32	1-50	N/A	٨	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
1	Northern Pin Oak	1	Sapling	5		Northe	rn Pin Oak	Low	5 - 10 feet	5 - 10 feet	
	Jack Pine	5	Sapling	5		Pin	Cherry	Low	5 - 10 feet	5 - 10 feet	
	Quaking Aspen	93	Seedling	6	32						
	Pin Cherry	1	Log	1							
19	42120 - Plar	nted Jack P	ine	Poletimb	er Well	23.8	32	1-50	N/A	١	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
	Jack Pine	97	Sapling	5	32	Jac	ck Pine	Trace	< 5 feet	< 5 feet	
1	Northern Pin Oak	2	Pole	4		Pin	Cherry	Low	5 - 10 feet	5 - 10 feet	
	Pin Cherry	1	Log	3							
20	4130	- Aspen		Poletimb	er Well	4.0	47	81-110	N/A	١	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
	Jack Pine	3	Seedling	5			ck Pine	Trace	5 - 10 feet	5 - 10 feet	
	Red Pine	1		16		Pin	Cherry	Low	5 - 10 feet	5 - 10 feet	
	Quaking Aspen	96	Seedling	8	47	Re	ed Pine	Low	5 - 10 feet	5 - 10 feet	
21	42220 - Nat	ural Jack P	ine	Poletimb	er Well	39.3	47		N/A	٨	1977 Wildfire. Has some scattered supercanopy jack pine and red
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	pine found mostly on the west side.
	Jack Pine	97	Seedling	6	47	Pin	Cherry	Low	5 - 10 feet	5 - 10 feet	
	Red Pine	1		17							
	Quaking Aspen	1	Sapling	5							
		1	Sapling Seedling	5 7							
22	Quaking Aspen Pin Cherry 42121 - Planted	1	Seedling		Well	4.0	33	1-50	N/A	A	
22	Quaking Aspen Pin Cherry 42121 - Planted	Jack Pine, iduous	Seedling	7 Sapling	Well		33	1-50 Density	N/A	Size	
22	Quaking Aspen Pin Cherry 42121 - Planted Dec	Jack Pine, iduous	Seedling	7 Sapling		Sub-Car					
22	Quaking Aspen Pin Cherry 42121 - Planted Dec Canopy Species	Jack Pine, iduous % Cover	Seedling Mixed Size Class	7 Sapling DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	



Stand	Level 4 Co	over Type		Size De	nsity	Acres	Stand Age B	A Range	Managed Si	te	General Comments
23	42120 - Plar	nted Jack P	Pine			59.2	33	1-50	N/A		Occasional aspen clones.
(Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
Black	/Red (Hybrid) Oak	1	Seedling	6		Pir	n Cherry	Trace	< 5 feet	< 5 feet	
	Jack Pine	95	Sapling	5	33			'			-
Q	Quaking Aspen	3	Sapling	5							
	Pin Cherry	1	Pole	4							
24	4132 - Aspe	en, Jack Pi	ne S	Sapling I	Medium	3.0	33	1-50	N/A		
C	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Jack Pine	40	Pole	4	33	Pir	n Cherry	Low	5 - 10 feet	5 - 10 feet	
Q	Quaking Aspen	40	Seedling	5	33			'			-
	Pin Cherry	15	Log	2							
No	orthern Pin Oak	5	Log	2							
25	42120 - Plar	nted Jack P	Pine	Sapling	y Well	19.9	22 lı	mmature	N/A		Jack pine planting done in 2003
C	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Pin Cherry	1	Log	2		Pir	n Cherry	Low	< 5 feet	< 5 feet	
	orthern Pin Oak	2	Log	2		Northe	ern Pin Oak	Trace	< 5 feet	< 5 feet	
No	Jillielli I III Oak		Log	-		INOITII	eiii Fiii Oak	Hace	< 3 1661	< 3 1661	
No	Jack Pine	97	Log	3	22	North	em Fin Oak	Trace	< 3 1661	< 5 leet	
26	Jack Pine		Log		22	3.5	33	1-50	N/A		Looks to be part of the stand 23 plantation, but came back heavier to
26	Jack Pine	97 ne, Oak Mix	Log	3	22 Age	3.5					Looks to be part of the stand 23 plantation, but came back heavier to oak than pine.
26	Jack Pine 4310 - Pir	97 ne, Oak Mix	Log	3		3.5 Sub-Ca	33	1-50	N/A		
26	Jack Pine 4310 - Pir Canopy Species	97 ne, Oak Mix % Cover	Log x Size Class	3 DB H	l Age	3.5 Sub-Ca	33 nopy Species	1-50 Density	N/A Avg. Height	Size	
26	Jack Pine 4310 - Pir Canopy Species orthern Pin Oak	97 ne, Oak Mix % Cover 45	Log Size Class Seedling	3 DBH	33	3.5 Sub-Ca	33 nopy Species	1-50 Density Low	N/A Avg. Height 5 - 10 feet	Size 5 - 10 feet	
26	Jack Pine 4310 - Pir Canopy Species orthern Pin Oak Jack Pine	97 ne, Oak Mix % Cover 45 50	Log Size Class Seedling Seedling	3 DBH 5 5	33	3.5 Sub-Ca	33 nopy Species	1-50 Density Low	N/A Avg. Height 5 - 10 feet	Size 5 - 10 feet	
26	Jack Pine 4310 - Pir Canopy Species orthern Pin Oak Jack Pine Quaking Aspen Pin Cherry	97 ne, Oak Mix % Cover 45 50 4	Log Size Class Seedling Seedling Sapling Sapling	5 5 5	33 33	3.5 Sub-Ca	33 nopy Species	1-50 Density Low	N/A Avg. Height 5 - 10 feet	Size 5 - 10 feet 5 - 10 feet	
26 No	Jack Pine 4310 - Pir Canopy Species orthern Pin Oak Jack Pine Quaking Aspen Pin Cherry	97 ne, Oak Mix % Cover 45 50 4 1	Log Size Class Seedling Seedling Sapling Sapling	3	33 33	3.5 Sub-Ca Pir Northe	33 nopy Species n Cherry ern Pin Oak	1-50 Density Low Low	N/A Avg. Height 5 - 10 feet 5 - 10 feet	Size 5 - 10 feet 5 - 10 feet	oak than pine.
26 No	Jack Pine 4310 - Pir Canopy Species orthern Pin Oak Jack Pine Quaking Aspen Pin Cherry 4130	97 ne, Oak Mix % Cover 45 50 4 1 - Aspen	Log Size Class Seedling Seedling Sapling Sapling	3	33 33 33 er Well	3.5 Sub-Ca Pir Norther 5.7 Sub-Ca	33 nopy Species o Cherry ern Pin Oak	1-50 Density Low Low 51-80	N/A Avg. Height 5 - 10 feet 5 - 10 feet N/A	Size 5 - 10 feet 5 - 10 feet	oak than pine.
26 CO	Jack Pine 4310 - Pir Canopy Species orthern Pin Oak Jack Pine Quaking Aspen Pin Cherry 4130 Canopy Species	97 ne, Oak Mix % Cover 45 50 4 1 - Aspen % Cover	Log Size Class Seedling Seedling Sapling Sapling Sapling Size Class	3	33 33 33 er Well	3.5 Sub-Ca Pir Northe	33 nopy Species n Cherry ern Pin Oak 47 nopy Species	1-50 Density Low Low 51-80 Density	N/A Avg. Height 5 - 10 feet 5 - 10 feet N/A Avg. Height	Size 5 - 10 feet 5 - 10 feet Size	oak than pine.
26 No.	Jack Pine 4310 - Pir Canopy Species orthern Pin Oak Jack Pine Quaking Aspen Pin Cherry 4130 Canopy Species Jack Pine	97 ne, Oak Miz % Cover 45 50 4 1 - Aspen % Cover	Log Size Class Seedling Seedling Sapling Sapling Sapling Fisce Class Seedling	3	33 33 33 er Well	3.5 Sub-Ca Pir Northe 5.7 Sub-Ca Wh	33 nopy Species n Cherry ern Pin Oak 47 nopy Species nite Pine	1-50 Density Low Low 51-80 Density Trace	N/A Avg. Height 5 - 10 feet 5 - 10 feet N/A Avg. Height < 5 feet	Size 5 - 10 feet 5 - 10 feet Size < 5 feet	oak than pine.
26 No.	Jack Pine 4310 - Pir Canopy Species orthern Pin Oak Jack Pine Quaking Aspen Pin Cherry 4130 - Canopy Species Jack Pine orthern Pin Oak	97 ne, Oak Mix % Cover 45 50 4 1 - Aspen % Cover 1 1	Log Size Class Seedling Seedling Sapling Sapling Sapling Fisce Class Seedling	3	33 33 33 er Well	3.5 Sub-Ca Pir Northe 5.7 Sub-Ca Wh Northe	33 nopy Species n Cherry ern Pin Oak 47 nopy Species nite Pine ern Pin Oak	1-50 Density Low Low 51-80 Density Trace Low	N/A Avg. Height 5 - 10 feet 5 - 10 feet N/A Avg. Height < 5 feet 10 - 20 feet	Size 5 - 10 feet 5 - 10 feet Size < 5 feet 10 - 20 feet	oak than pine.
26 No.	Jack Pine 4310 - Pir Canopy Species orthern Pin Oak Jack Pine Quaking Aspen Pin Cherry 4130 Canopy Species Jack Pine orthern Pin Oak Quaking Aspen	97 ne, Oak Mix % Cover 45 50 4 1 - Aspen % Cover 1 1	Log Size Class Seedling Seedling Sapling Sapling Size Class Seedling Seedling	3	33 33 33 er Well 1 Age	3.5 Sub-Ca Pir Northe 5.7 Sub-Ca Wh Northe	33 nopy Species n Cherry ern Pin Oak 47 nopy Species nite Pine ern Pin Oak ed Pine	1-50 Density Low Low 51-80 Density Trace Low Low	N/A Avg. Height 5 - 10 feet 5 - 10 feet N/A Avg. Height < 5 feet 10 - 20 feet 5 - 10 feet	Size 5 - 10 feet 5 - 10 feet Size < 5 feet 10 - 20 feet 5 - 10 feet 5 - 10 feet	oak than pine.
26 CG NCC CG C	Jack Pine 4310 - Pir Canopy Species orthern Pin Oak Jack Pine Quaking Aspen Pin Cherry 4130 Canopy Species Jack Pine orthern Pin Oak Quaking Aspen	97 ne, Oak Mix % Cover 45 50 4 1 - Aspen % Cover 1 98	Log Size Class Seedling Seedling Sapling Sapling Size Class Seedling Seedling	3 5 5 5 5 5	33 33 33 er Well 1 Age	3.5 Sub-Ca Pir Norther 5.7 Sub-Ca Wr Norther Re Pir 2.9	33 nopy Species n Cherry ern Pin Oak 47 nopy Species nite Pine ern Pin Oak ed Pine n Cherry	1-50 Density Low Low 51-80 Density Trace Low Low Low Low Low	N/A Avg. Height 5 - 10 feet 5 - 10 feet N/A Avg. Height < 5 feet 10 - 20 feet 5 - 10 feet 5 - 10 feet	Size 5 - 10 feet 5 - 10 feet Size < 5 feet 10 - 20 feet 5 - 10 feet 5 - 10 feet	oak than pine.
26 CONCO	Jack Pine 4310 - Pir Canopy Species orthern Pin Oak Jack Pine Quaking Aspen Pin Cherry 4130 Canopy Species Jack Pine orthern Pin Oak Quaking Aspen 4130	97 ne, Oak Mix % Cover 45 50 4 1 - Aspen % Cover 1 98	Log Size Class Seedling Seedling Sapling Sapling Fisize Class Seedling Seedling	3 5 5 5 5 5	ar Well ar Well ar Well	3.5 Sub-Ca Pir Norther 5.7 Sub-Ca Wr Norther 2.9 Sub-Ca	33 nopy Species n Cherry ern Pin Oak 47 nopy Species nite Pine ern Pin Oak ed Pine n Cherry 34	1-50 Density Low Low 51-80 Density Trace Low Low Low 51-80	N/A Avg. Height 5 - 10 feet 5 - 10 feet N/A Avg. Height < 5 feet 10 - 20 feet 5 - 10 feet 5 - 10 feet N/A	Size 5 - 10 feet 5 - 10 feet Size < 5 feet 10 - 20 feet 5 - 10 feet 5 - 10 feet	oak than pine.
26 CONCO	Jack Pine 4310 - Pin Canopy Species orthern Pin Oak Jack Pine Quaking Aspen Pin Cherry 4130 Canopy Species Jack Pine orthern Pin Oak Quaking Aspen 4130 Canopy Species	97 ne, Oak Mix % Cover 45 50 4 1 - Aspen % Cover 1 98 - Aspen % Cover	Log Size Class Seedling Seedling Sapling Sapling Fisize Class Seedling Seedling Size Class	3 5 5 5 5 5	ar Well ar Well ar Well	3.5 Sub-Ca Pir Northe 5.7 Sub-Ca Wh Northe Re Pir 2.9 Sub-Ca Ja	33 nopy Species n Cherry ern Pin Oak 47 nopy Species nite Pine ern Pin Oak ed Pine n Cherry 34 nopy Species	1-50 Density Low Low 51-80 Density Low Low Low Density Trace Low Density	N/A Avg. Height 5 - 10 feet 5 - 10 feet N/A Avg. Height < 5 feet 10 - 20 feet 5 - 10 feet 5 - 10 feet N/A Avg. Height	Size 5 - 10 feet 5 - 10 feet Size < 5 feet 10 - 20 feet 5 - 10 feet 5 - 10 feet	oak than pine.



Stand	Level 4 Co	ver Type		Size De	nsity	Acres S	tand Age B	A Range	Managed S	Site	General Comments
29	42121 - Planted Deci	Jack Pine, duous	Mixed	Sapling	Well	44.2	25 lı	mmature	N/A	A	Seeded with Jack Pine using the Sigma Seeder in Fall 1999. Several areas where the aspen clones or chokecherry out competed the
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Cano	py Species	Density	Avg. Height	Size	seeded jack pine. Diverse stand. 2024 still mostly unmerchantable.
	Jack Pine	75	Pole	4	25	Pin (Cherry	Trace	5 - 10 feet	5 - 10 feet	
	Quaking Aspen	22	Pole	4	25	Jack	Pine	Low	5 - 10 feet	5 - 10 feet	
	Pin Cherry	3	Log	4							
30	4310 - Pir	e, Oak Mix	: 1	Poletimb	er Well	17.9	69	51-80	N/A	Ą	Stand was discovered as state of Michigan ownership.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Cano	py Species	Density	Avg. Height	Size	
	White Oak	5		12		Northern	Pin Oak	Medium	10 - 20 feet	10 - 20 feet	
	Red Maple	5	Seedling	6		White	e Pine	Trace	< 5 feet	< 5 feet	
	Pin Cherry	1	Seedling	6		Jack	Pine	Low	5 - 10 feet	5 - 10 feet	
١	lorthern Pin Oak	38		12		Pin (Cherry	Low	5 - 10 feet	5 - 10 feet	
	Red Pine	1		15			<u> </u>				
	White Pine	1	Seedling	9							
	Jack Pine	49		10	69						
31	42220 - Nati	ıral Jack P	ne	Poletimb	er Well	8.6	38	1-50	N/A	A	Naturally regenerating jack pine stand resulting from the St. Helen
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Cand	py Species	Density	Avg. Height	Size	forest fire in 1987.
١	lorthern Pin Oak	5		4	38	Northerr	Pin Oak	Low	5 - 10 feet	5 - 10 feet	
	Jack Pine	94	Sapling	5	38	Jack	Pine	Low	< 5 feet	< 5 feet	
	Pin Cherry	1	Pole	4		Pin (Cherry	Trace	< 5 feet	< 5 feet	
32	4212 - Plan	ed Jack Pi	ne			395.0	4				Cut 2019. Trenched 2020. Planted spring 2021. Oak stump sprouts
						Sub-Cand	py Species	Density	Avg. Height	Size	prevalent on the east side and cherry on the west portion.
						Jack	Pine	Full	< 5 feet	< 5 feet	
						Pin (Cherry	High	5 - 10 feet	5 - 10 feet	
						Northerr	Pin Oak	Medium	5 - 10 feet	5 - 10 feet	
	42120 - Plar	ted Jack P	ine			17.0	21 lı	mmature	N/A	Α	Jack pine seeding done in 2004
33											
33	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Cand	py Species	Density	Avg. Height	Size	
33	Canopy Species Jack Pine	% Cover	Size Class	DBH	Age 21		py Species Pin Oak	Density Low	Avg. Height < 5 feet		
33						Northerr				Size	
	Jack Pine	90	Log	3		Northerr	Pin Oak	Low	< 5 feet	Size < 5 feet	
	Jack Pine Pin Cherry	90 3 7	Log Log	3 2		Northerr	Pin Oak	Low	< 5 feet	Size < 5 feet < 5 feet	Part of KW Management Block 106 (2021) . Almost solid jack pine,
N	Jack Pine Pin Cherry Northern Pin Oak	90 3 7 ural Jack P	Log Log	3 2 3		Northern Pin 0	Pin Oak Cherry	Low	< 5 feet < 5 feet	Size < 5 feet < 5 feet	but pvt property to the west and transitions quickly to hill and valley
N	Jack Pine Pin Cherry Jorthern Pin Oak 42220 - Nate	90 3 7 ural Jack P	Log Log	3 2 3	21	Northern Pin (46.3 Sub-Canc	Pin Oak Cherry 53	Low Trace	< 5 feet < 5 feet N/A	Size < 5 feet < 5 feet	but pvt property to the west and transitions quickly to hill and valley oak mixture to the east. Consider leaving alone and managing with hills to the east. Still immature. HOLDING TO FINALIZE
N	Jack Pine Pin Cherry Northern Pin Oak 42220 - Nate Canopy Species	90 3 7 ural Jack P	Log Log	3 2 3 BH	21	Northern Pin (46.3 Sub-Canc	Pin Oak Cherry 53 py Species	Low Trace 51-80 Density	< 5 feet < 5 feet N/A	Size < 5 feet < 5 feet < 5 feet	but pvt property to the west and transitions quickly to hill and valley oak mixture to the east. Consider leaving alone and managing with



Stand	Level 4 Co	ver Type		Size De	ensity	Acres	Stand Age E	BA Range	Managed Si	ite	General Comments
35	42121 - Planted Deci	Jack Pine, duous	Mixed	Sapling	Poor	113.8	5	Immature	N/A		Cut, trenched in 2019, planted to KW weave jack pine in 2020.Retention Islands consisting of red and jack pine. Occasional
	Canopy Species	% Cover	Size Class	DBH	I Age						Aspen clone sprouts.
	Red Pine	2		16							
	Jack Pine	1	Seedling	6							
	Jack Pine	60	Log	1	5						
	Quaking Aspen	7	Log	1	6						
	Pin Cherry	30	Log	1	6						
36	42121 - Planted Deci	Jack Pine, duous	Mixed	Sapling	Poor	57.8	5	Immature	N/A		Cut, trenched 2019, planted to KW weave jack pine in 2020.
	Canopy Species	% Cover	Size Class	DBH	I Age						
	Red Pine	3		14							
	White Pine	1	Seedling	5							
	Jack Pine	60	Log	1	5						
	Quaking Aspen	6	Log	1							
	Pin Cherry	30	Log	1							
37	42120 - Plan	ted Jack P	ine	Sapling		4.5	22		N/A		Jack Pine planting done in 2003 and had a wildfire in it resulting in the mortality of many stems. Scattered jack pine, oak stump sprouts and
	Canopy Species		Size Class		I Age		nopy Species		Avg. Height	Size	choke cherry
1	Northern Pin Oak	3	Log	3			ck Pine	Low	< 5 feet	< 5 feet	
	Jack Pine	95	Log	3	22		ern Pin Oak	Low	5 - 10 feet	5 - 10 feet	
	Pin Cherry	2	Log	2		Cho	ke Cherry	Medium	Variable	Variable	
38	42220 - Natu	ıral Jack P	ine Po	oletimbe	r Medium	157.9	39	51-80	N/A		Natural regen. More n. pin oak on the south end. Also a small component of white pine to the southeast and swamp transition to the
	Canopy Species	% Cover	Size Class	DBF	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	southwest. A diverse stand compared to most of the compartment.
1	Northern Pin Oak	8	Seedling	6		Pir	n Cherry	Trace	5 - 10 feet	5 - 10 feet	Cutting complete Jan 1986. FTP record indicates stand was planted
	Red Pine	2		10							around 1982 to KW weave but it does not seem so.
	Pin Cherry	5	Sapling	5							
	White Pine	1	Seedling	8							
	Jack Pine	84	Seedling	7	39						
39	4191 - Mixed Upla Co	nd Decidu nifer	ous with	Saplino	g Well	10.0	11	Immature	N/A		Looks like the results of a spec cut that left advance regen oak and a few sapling/poles. Cutting completed March 2015.
	Canopy Species	% Cover	Size Class	DBF	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
1	Northern Pin Oak	50	Pole	1	11	Wh	nite Pine	Low	Variable	Variable	
	Red Pine	5		14	86		ern Pin Oak	Medium	< 5 feet	< 5 feet	
	Jack Pine	30	Log	1	11	Re	ed Pine	Low	Variable	Variable	
	Pin Cherry	15		1							



Stand	Level 4 C	over Type		Size Density	Acres Stand Age BA Range Managed Site					General Comments		
40	629 - Mixed non-forested Wetland			Unspecifed	3.1			No)			
					Sub-Can	opy Species	Density	Avg. Height	Size			
					Jac	k Pine	Low	>20 feet	>20 feet			
					Black Spruce		Low	>20 feet	>20 feet			
41	42120 - Plar	nted Jack F	Pine	Sapling Well	22.3	28 I	mmature	N/A	4	Looks to be more of a ParVha site. Balsam and white pine mixed in along the perimeter. Was probably a mixed natural jp/rp/wp before it		
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Can	opy Species	Density	Avg. Height	Size	was converted.		
	Balsam Fir	1	Pole	4	Bals	sam Fir	Trace	< 5 feet	< 5 feet			
N	orthern Pin Oak	10	Pole	4 30	Jac	k Pine	Trace	< 5 feet	< 5 feet			
	Pin Cherry	3	Pole	4 30	Northe	rn Pin Oak	Low	5 - 10 feet	5 - 10 feet			
	White Pine	4		12	Pin	Cherry	Low	5 - 10 feet	5 - 10 feet			
	Jack Pine	82	Pole	4 28						_		
42	42120 - Plar	nted Jack F	Pine	Poletimber Well	101.5	46	1-50	N/A	4			
	Canopy Species	% Cover	Size Class	DBH Age								
	Jack Pine	99	Seedling	7 46								
N	orthern Pin Oak	1	Seedling	6								
43	6126 - Lowl	6126 - Lowland Jack Pine			3.9 44		51-80	N/A		Jack pine surrounding a lowland leatherleaf area with white pine and		
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Can	opy Species	Density	Avg. Height	Size	black spruce.		
	Balsam Fir	2	Seedling	6	Bals	sam Fir	Low	Variable	Variable			
	Black Spruce	5	Seedling	7	Black	Spruce	Low	Variable	Variable			
	White Pine	7		14				l .		_		
	Jack Pine	86		7 44								
44	320 - Up	320 - Upland Shrub		oland Shrub Unspecifed		Unspecifed	4.9			No)	Old plow line. Scattered supercanopy red pine. Small pocket of
					Sub-Can	opy Species	Density	Avg. Height	Size	leatherleaf, but almost all upland cherry. Jack pine saplings slowly establishing.		
					Jac	k Pine	Low	5 - 10 feet	5 - 10 feet	establishing.		
					Pin	Cherry	Medium	5 - 10 feet	5 - 10 feet			
					Re	d Pine	Low	>20 feet	>20 feet			
45	42121 - Planted Dec	Jack Pine, iduous	Mixed	Sapling Well	168.0	22 I	mmature	nmature N/A		2004 J3 planting. Aspen pocket N of adjacent stand 71067071. Pocket of mature timber with red pine left in SE corner.		
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Can	opy Species	Density	Avg. Height	Size			
	Jack Pine	70	Log	3 22	Whi	te Pine	Trace	5 - 10 feet	5 - 10 feet			
N	orthern Pin Oak	20		4	Jac	k Pine	Medium	5 - 10 feet	5 - 10 feet			
	Red Pine	1		18	Pin	Cherry	Low	< 5 feet	< 5 feet			
(Quaking Aspen	7	Pole	4	Northe	rn Pin Oak	Low	5 - 10 feet	5 - 10 feet			



Stand	Stand Level 4 Cover Type			Size De	nsity	Acres	Stand Age B	A Range	Managed Site		General Comments
46	42120 - Planted Jack Pine			Sapling Well		107.4	21	mmature	N/A		Failed jack pine seeding done in early 2000's and replanted in 2004.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Jack Pine	99	Log	3	21	Pir	n Cherry	Low	< 5 feet	< 5 feet	
	Northern Pin Oak	1	Pole	4							
47	3105 - Mixed U	pland Herba	aceous	Unspe	cifed	16.6			Yes	<u> </u>	3.5 chain fire break left unplanted so can be treated in the future. The
						Sub-Ca	nopy Species	Density	Avg. Height	Size	stand is regenerating back into oak and jack pine but is not fully stocked yet.
					•	Ja	ck Pine	Medium	10 - 20 feet	10 - 20 feet	Stocked yet.
						Northe	ern Pin Oak	Low	>20 feet	>20 feet	
						Cho	ke Cherry	Medium	10 - 20 feet	10 - 20 feet	
48	4125 - Blad	ck, N. Pin O	ak Po	Poletimber Mediur		n 15.4 23	1-50	N/A		Treated in 2001. Old oak stand with areas of mortality and heavy	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	cherry understory. FTP indicates an Rx burn around 2008
	Northern Pin Oak	73	Pole	4	23	Pir	n Cherry	High	5 - 10 feet	5 - 10 feet	
	Northern Pin Oak	9		17	135	Re	d Maple	Trace	10 - 20 feet	10 - 20 feet	
	White Oak	3		13		Ja	ck Pine	Low	< 5 feet	< 5 feet	
	Pin Cherry	4	Log	3		Northe	ern Pin Oak	Low	< 5 feet	< 5 feet	
	White Pine	2		10							-
	Jack Pine	9	Log	3							
49	49 42120 - Planted Jack Pine		ine	Sapling Well		18.7	19	mmature	N/A	1	Between failed seeding done in 2002 by a contractor and areas
	Canopy Species	% Cover	Size Class	DBH	Age						missed during trenching, this stand was not fully established until it was planted fully in 2007.
	Northern Pin Oak	5	Log	3							was planted fully in 2007.
	White Pine	1		24							
	Jack Pine	94	Log	3	19						
50	42120 - Pla	nted Jack P	ine	Sapling	Well	107.3	22	mmature	N/A	١	Jack pine planting done in 2003
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Northern Pin Oak	2	Log	2		Pir	n Cherry	Low	< 5 feet	< 5 feet	
	Jack Pine	97	Log	3	22	Northe	ern Pin Oak	Trace	< 5 feet	< 5 feet	
	Pin Cherry	1	Log	2							-
51	42120 - Pla	nted Jack P	ine	Sapling	Well	122.6	22	mmature	N/A	١	Jack pine seeding done in 2002 failed. 2-0 Planted 2004.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Pin Cherry	1	Log	2		Pir	n Cherry	Low	< 5 feet	< 5 feet	
	Jack Pine	92	Log	3	22			,		1	-
	Northern Pin Oak	7	Log	3							



Stand	Level 4 Cover Type 52 3105 - Mixed Upland Herbaceous			Size Density Unspecifed		Acres Stand Age BA Range Manage			Managed S	ite	General Comments
52						21.9			Yes		Five chain wide wildfire fuel break for the jack pine stand to the
						Sub-Canopy Species		Density	Avg. Height	Size	immediate west. The stand is naturally filling in with mix of cherry, jack pine, and oak. It is a grass stand but will need to be treated in
						Pin Cherry		Medium	10 - 20 feet	10 - 20 feet	future years to remove the upcoming woody vegetation.
						Ja	ck Pine	Low	10 - 20 feet	10 - 20 feet	
						Oa	k (spp.)	Medium	Variable	Variable	
53	42120 - Planted Jack Pine			Sapling Well		22.4	22.4 22 Ir	mmature	N/A		Jack pine planting done in 2003
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
1	Northern Pin Oak	3	Pole	4		Pir	Cherry	Low	< 5 feet	< 5 feet	
	Pin Cherry	1	Log	2		Northe	ern Pin Oak	Low	< 5 feet	< 5 feet	
	Jack Pine	96		3	22						
54	42220 - Nat	ural Jack P	k Pine Poletimber Wel			4.2 45		51-80	51-80 N/A		OPIC - FMD: Part of KW Management Block 106 (2021) that is along the fringe Leave some retention pockets and burn with stand 11 to
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	create the pine barrens portion of this KW block. Decide whether to
	Red Pine	2			P	Pin	in Cherry	Low	5 - 10 feet	5 - 10 feet	set-up sale in conjunction with rest of KW cut for connectivity or hold
	Jack Pine	98	Seedling	6	45						and manage seperately. Stand is still immature. Blends into aspen along the southeast edge that is being cut this YOE. HOLDING TO
											FINALIZE TREATMENT. To be cut in 2018.
55	42121 - Planted Jack Pine, Mixed Deciduous					51.1 5			N/A		Cut as a part of "School Road KW." Trenched and planted 2020. Pockets and individual red pine retained.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Jack Pine	70	Log	1	5	Re	ed Pine	Low	>20 feet	>20 feet	
	Pin Cherry	25	Log	1		Pin	Cherry	Medium	5 - 10 feet	5 - 10 feet	
	Red Pine	5		12		.la	ck Pine	Full	< 5 feet	< 5 feet	