

Compartment Review Presentation

Roscommon Forest Management Unit

Compartment 71061 Entry Year 2025 Acreage: 2,661

County Roscommon

Management Area: High Sand Plains

Stand Examiner: Brian Martell

Legal Description:

T24N R01W Sec. 29-32; T24N R02W Sec. 25 and 36.

Identified Planning Goals:

Vegetation management in the AuSable Outwash management area (MA) will provide forest products; maintain or enhance wildlife habitat; protect areas of unique characteristics, threatened, endangered and special concern species; and provide for forest-based recreational uses. Timber management for this 10-year planning period will focus on improving the age-class structure of aspen, harvesting older jack pine and regeneration of red pine and oak to help balance age-classes. Wildlife habitat management objectives include perpetuating early-successional communities for species adapted to young forests for hunting and other wildlife-related recreation opportunity and management of the state wildlife management areas. Expected trends within this 10-year planning period are an increase in non-native exotic plants, especially Phragmites in the wetland areas and increased recreational pressure.

Soil and topography:

Uplands are dominated by Graycalm, Croswell, Grayling, and Klacking sands. Lowlands are dominated by Tawas-Lupton mucks and Dawson-Loxley peats.

Terrain is mostly flat with some hills in the northwest part of the compartment.2

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

The compartment is mostly a continuous block of state land with some private parcels around the edges.

Unique Natural Features:

There are occurrences of rough fescue in the general area.

Archeological, Historical, and Cultural Features:

There are possible known archeological features within T24N R01W Sec. 31.

Special Management Designations or Considerations:

The South Branch of the Au Sable River is designated as a Natural River and has special setbacks and vegetation buffers required.

Watershed and Fisheries Considerations:

South Branch of the Au Sable River runs through the most eastern portion of this compartment.

Wildlife Habitat Considerations:

Mineral Resource and Development Concerns and/or Restrictions

No known potential exists for metallic minerals in this part of the state. No active sand/gravel operations are known to exist in the area, but there is good potential for sand & gravel on the uplands in the compartment. The Saint Helen oil & gas field overlaps the northeast portion of the compartment. Most of the wells in the field have been plugged and abandoned, and the field is currently undergoing secondary recovery operations. State-owned mineral rights in this part of the compartment are currently leased and held by production. Potential for expansion of the field is unknown, but there has been no recent well permitting activity in the area and no new leasing activity, so potential for drilling of additional wells in the compartment is considered low at this time. No known significant potential exists for hydrocarbons from other known producing formations beneath the compartment. 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:

There is good vehicle access from Old-76, county roads, state forest two-tracks, and oil/gas access roads.

Survey Needs:

None at this time.

Recreational Facilities and Opportunities:

Recreational opportunities include hunting, fishing, ATV/ORV riding, snowmobiling, dispersed camping, and hiking.

Fire Protection:

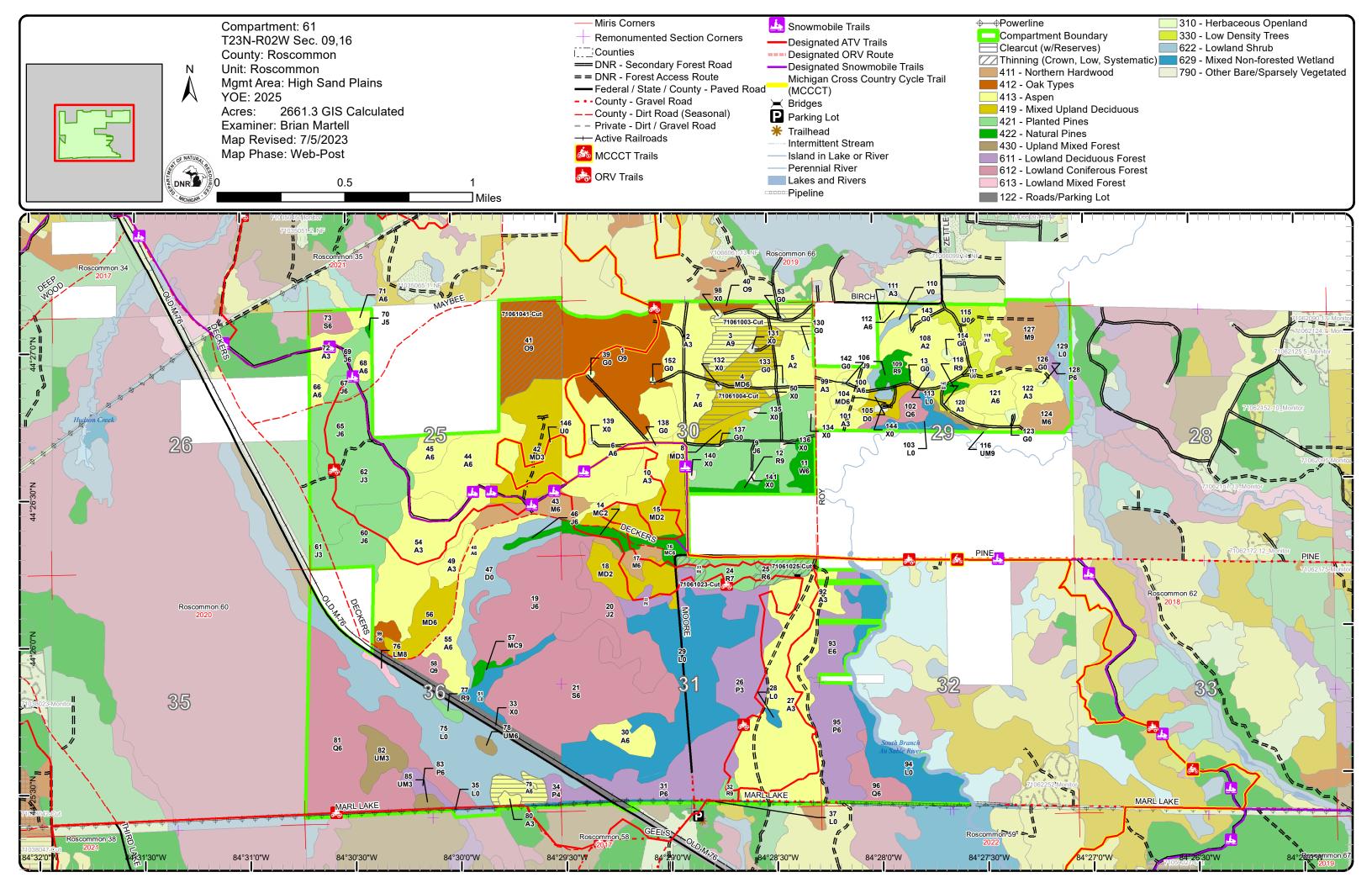
Additional Compartment Information:

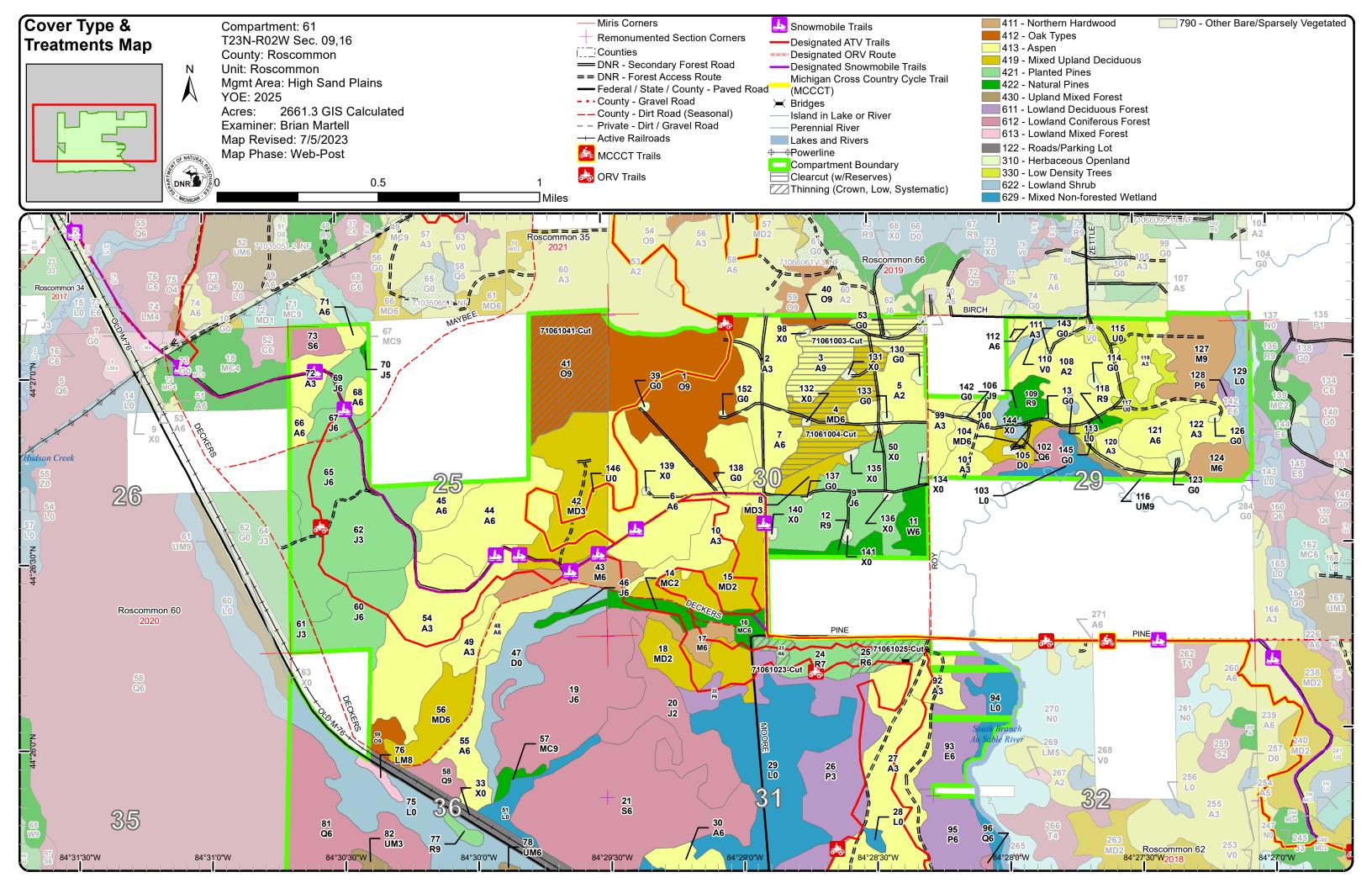
The following reports from the Inventory are attached:

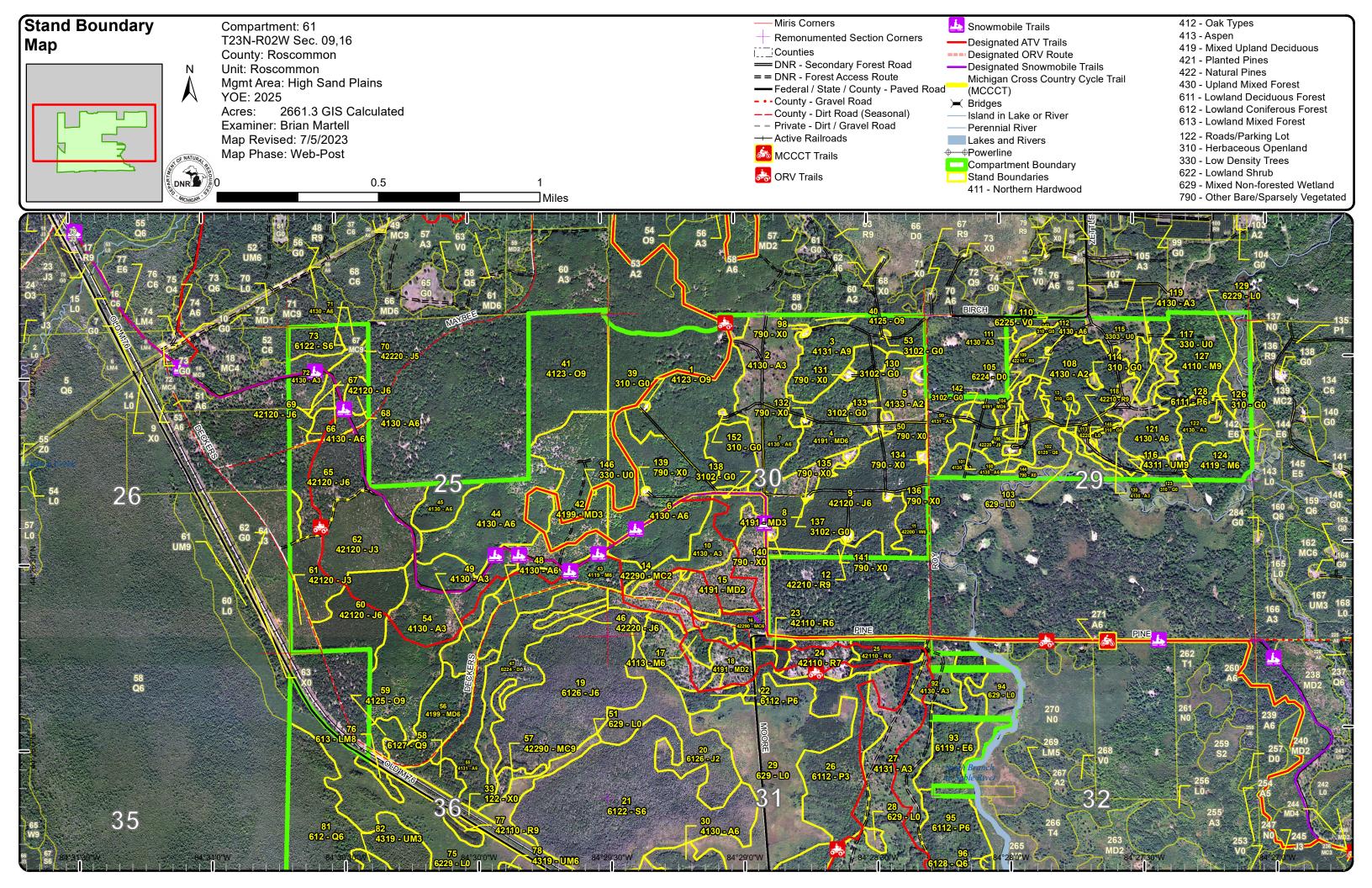
Total Acres by Cover Type and Age Class
Cover Type by Harvest Method
Proposed Treatments – No Limiting Factors
Proposed Treatments – With Limiting Factors
Stand Details (Forested and Nonforested)
Dedicated and Proposed Special Conservation Areas
Site Condition Details

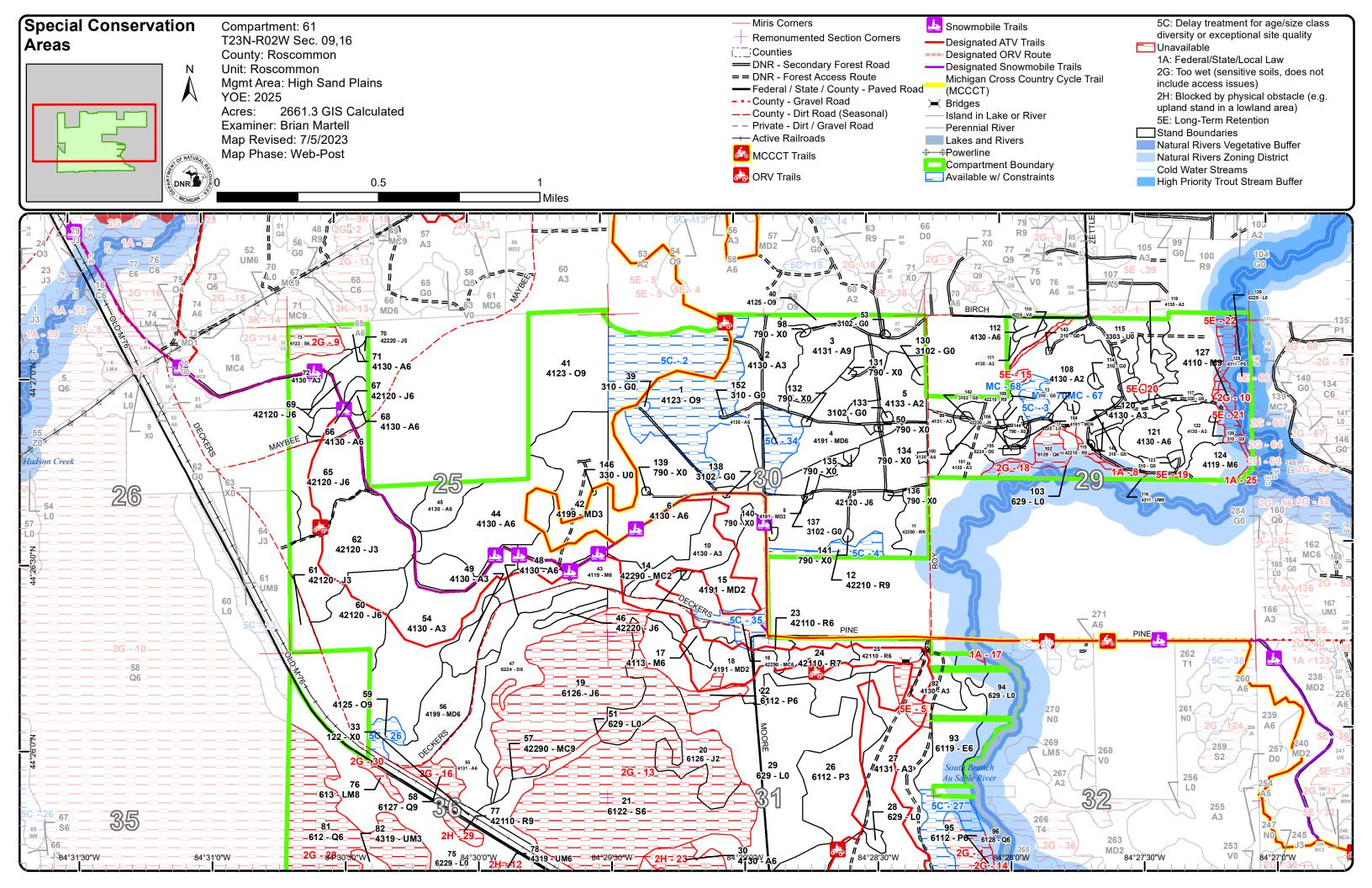
The following information is displayed, where pertinent, on the attached compartment maps:

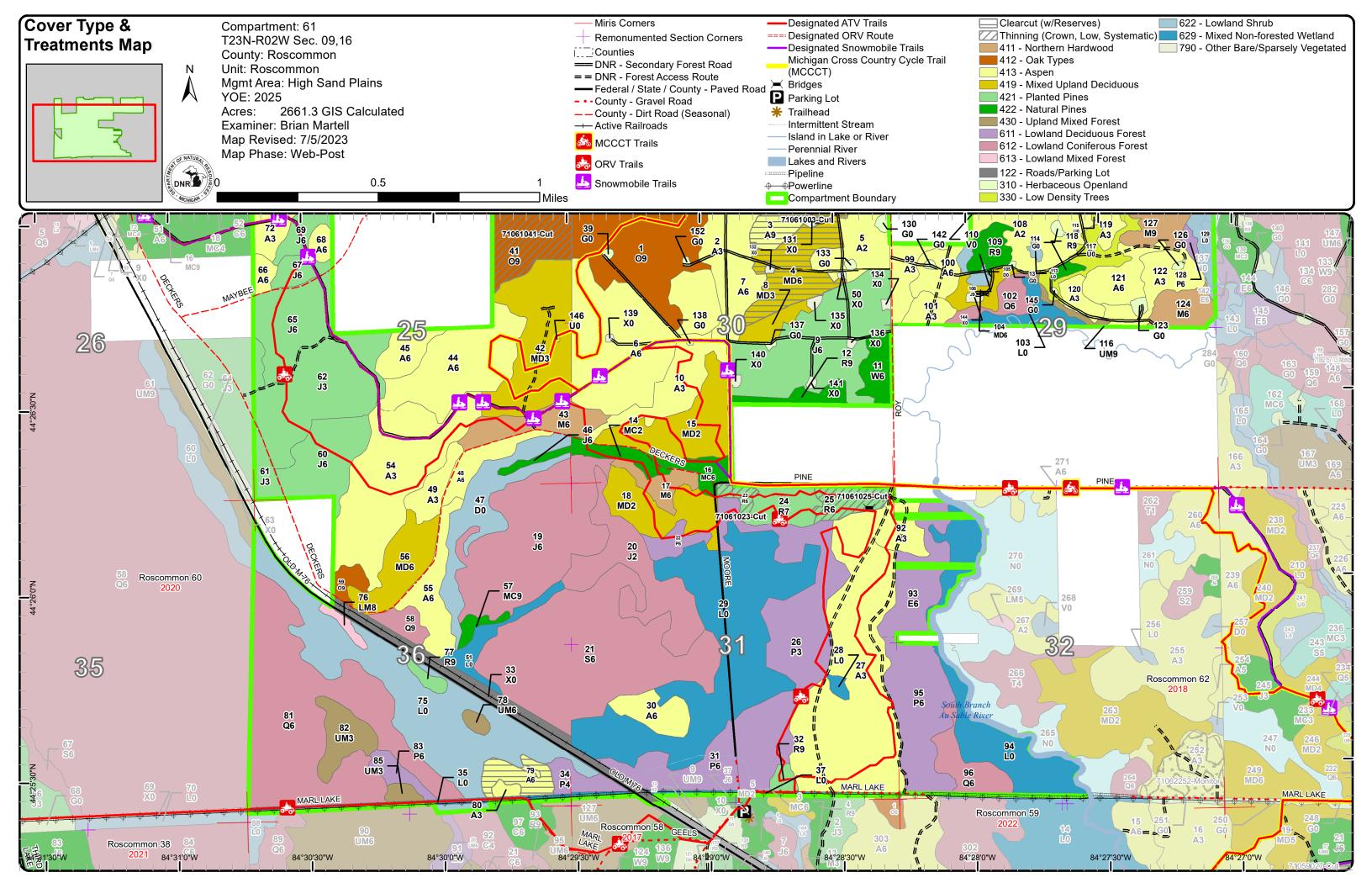
Base feature information, stand boundaries, cover types, and numbers Proposed treatments
Site condition boundaries
Details on the road access system

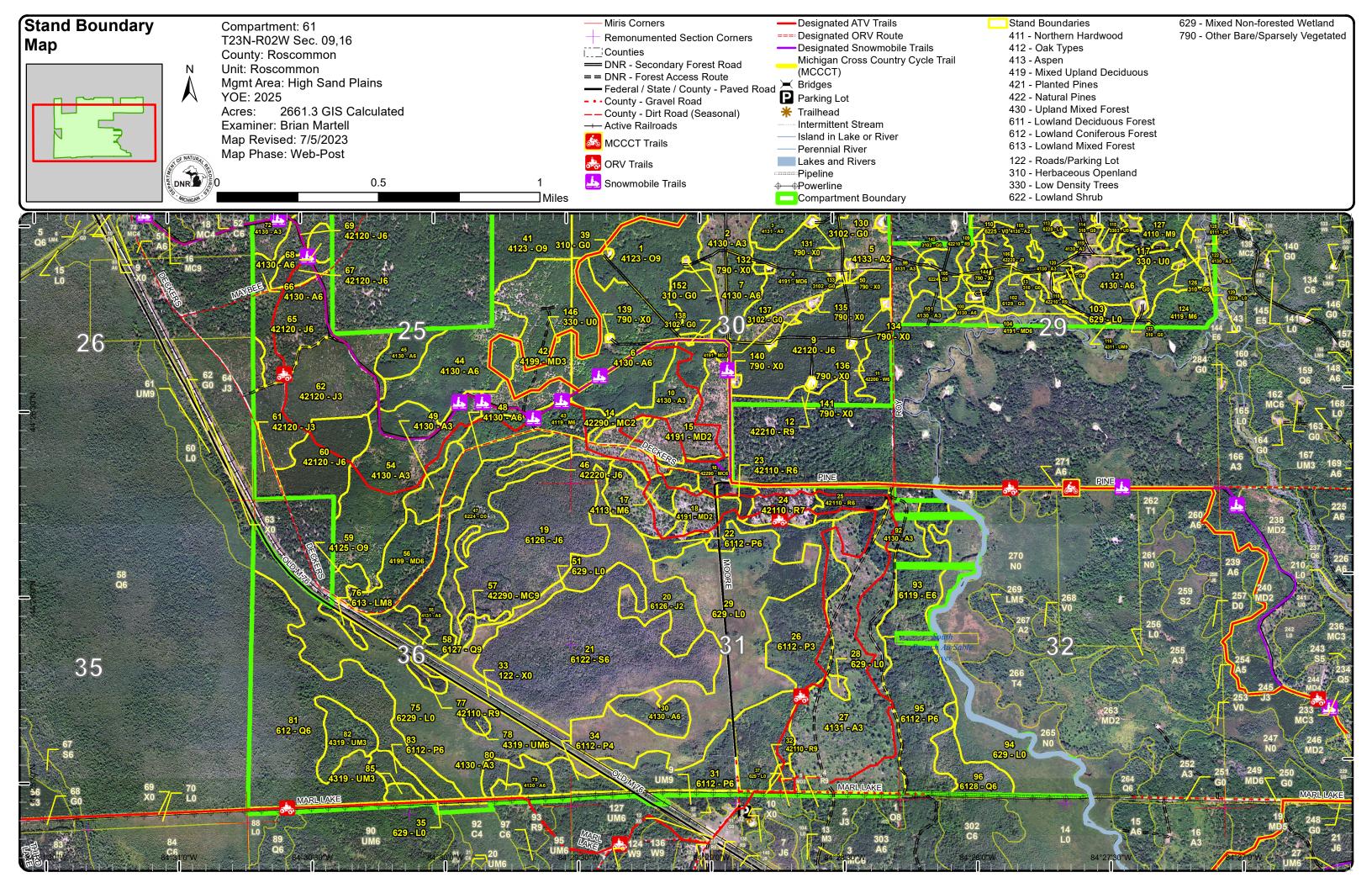


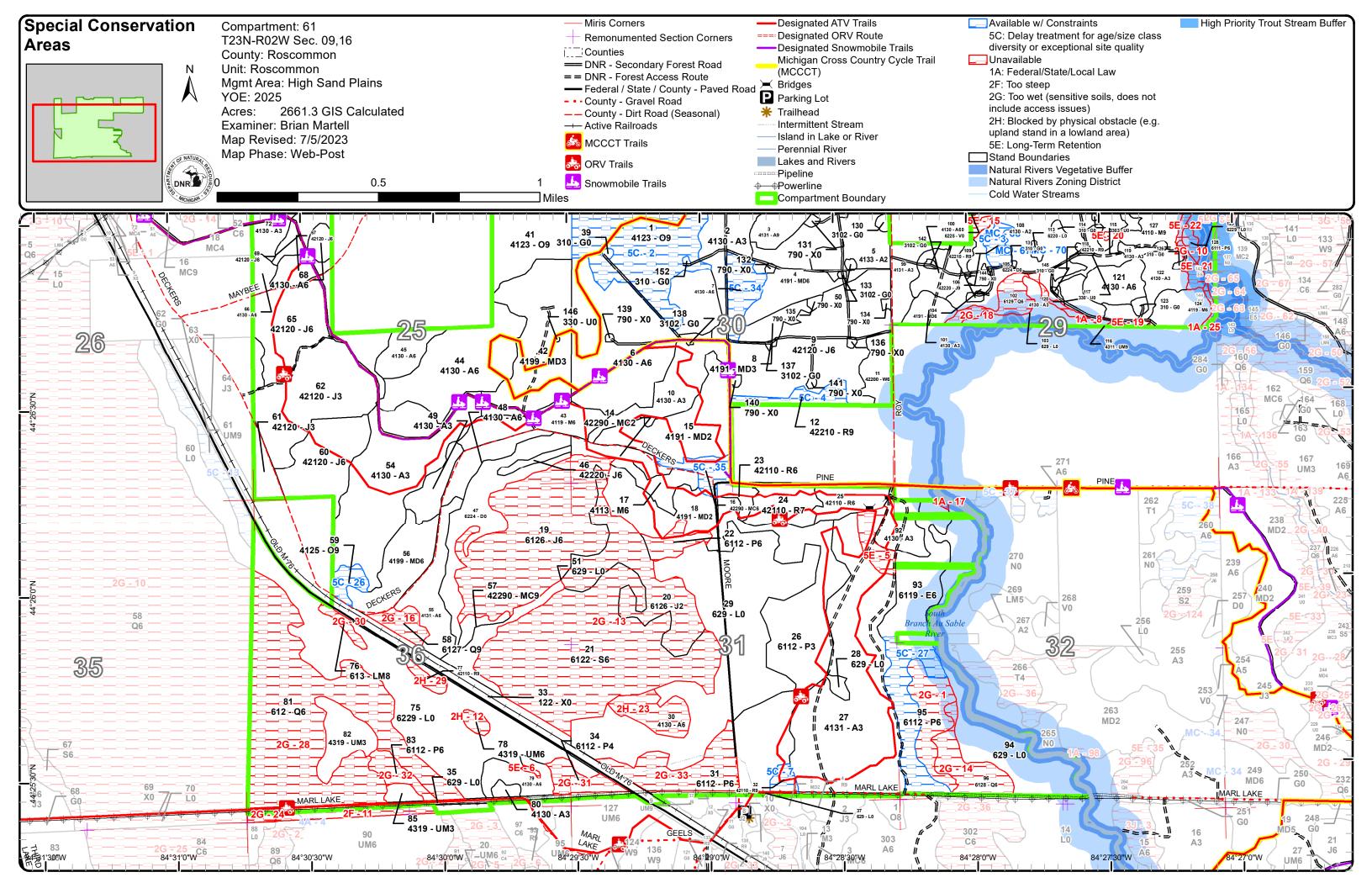












Compartment 61 Year of Entry 2025

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



Age Class

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	/	/ & /	/ /	/ /	_ /	/	_ /	/	/ /	/ /	/ /	/	_ /	, _ /	_ /	/	/	/ /	Legis Legis
	₽gr.	80/6	§ / s		\$ \\ \frac{\phi}{\phi}		& \\ \(\delta \)			% /&	8 / 8g		S Z		R S		,	ş / ş	Exer Yap
	1 40		/ ~	/ ' v	ء /	/ *	ر /	/ 6		/ •	/ %	/ %		/ 🔯	/ 🕫	/ 💆		/ 3r	
Aspen	0	75	203	140	205	73	4	38	0	0	0	0	0	0	0	0	0	0	738
Bare/Sparsely Vegetated	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Bog	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Herbaceous Openland	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Jack Pine	0	0	74	0	164	0	1	93	46	4	0	0	0	0	0	0	0	0	382
Low-Density Trees	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28
Lowland Aspen/Balsam Poplar	0	0	0	86	27	16	54	2	0	0	0	0	0	0	0	0	0	0	185
Lowland Conifers	0	0	0	0	0	0	0	0	0	8	0	0	159	0	0	0	0	0	167
Lowland Deciduous	0	0	0	0	0	0	29	0	0	0	0	0	0	0	0	0	0	0	29
Lowland Mixed Forest	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3
Lowland Shrub	351	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	351
Lowland Spruce/Fir	0	0	0	0	0	0	130	0	0	0	10	0	0	0	0	0	0	0	140
Mixed Upland Deciduous	0	28	0	105	0	26	0	46	0	0	0	0	0	0	0	0	0	0	205
Natural Mixed Pines	0	0	9	0	0	0	0	0	4	0	0	9	0	0	0	0	0	0	22
Northern Hardwood	0	0	0	0	0	21	14	10	0	0	0	0	32	0	0	0	0	0	77
Oak	0	0	0	0	0	0	0	0	0	60	88	4	0	0	0	0	0	0	152
Red Pine	0	0	0	0	0	0	0	37	0	0	9	4	8	0	0	0	0	0	58
Treed Bog	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40
Upland Mixed Forest	0	0	3	17	0	0	0	3	0	0	3	0	0	0	0	0	0	0	26
Urban	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29
White Pine	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	12
Total	467	103	289	348	396	136	232	241	50	72	110	20	199	0	0	0	0	0	2663



Report 2 – Treatment Summary

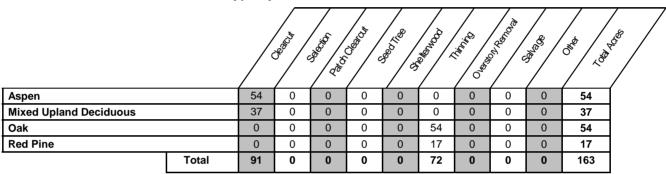
Roscommon Mgt. Unit Year of Entry: 2025

Acres of Harvest

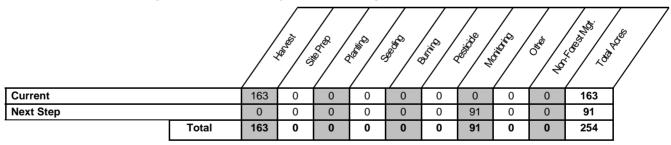
Compartment 61
Total Compartment Acres: 2,661

Commercial Harvest - 163 Harvests with Site Condition - 0 Next Step Harvest - 0 Habitat Cut - 0

Cover Type by Harvest Method



Proposed and Next Step Treatments by Method



Roscommon Mgt. Unit Report 3 -- Treatments Compartment: 61 S Year of Entry: 2025 t а **Treatment** Acres Stand Size Stand BA **Treatment Treatment Cover Type** Age Habitat n Method Objective **Density** Structure Name CoverType Age Range Type Cut d

Proposed Treatments: 71061003-Cut 42.0 4131 - Aspen, Oak Sawtimber Clearcut with 51-80 Harvest 4139 - Aspen, Retention Prescription Cut all trees 1" DBH and larger. Leave standard area retention and drumming logs. Specs: Next Step Monitoring, Natural Regen (Re-Inventory) Treatments: Acceptable Mix of aspen, red maple, and oak. Regen: Other Comment:

Site Condition Proposed Start Date: 10/1 /2024

71061004-Cut 37.2 4191 - Mixed Poletimber Harvest Clearcut with 4139 - Aspen, Even-Aged No 64 81-110 **Upland Deciduous** Well Retention Mixed with Conifer Deciduous

Prescription Cut all trees 1" DBH and larger. Leave all log sized white oak. Leave standard area retention.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Mix of aspen, red maple, and oak with some jack pine.

Regen:

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2024

23 71061023-Cut 4.8 42110 - Planted Poletimber 171-Harvest Crown Thinning 4211 - Planted No Red Pine Red Pine Well 200

Prescription Remove about 1/3 of the volume by cutting poor formed and suppressed trees first, then removing trees based on crown spacing. Specs:

Next Step

Treatments:

<u>Acceptable</u>

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2024

Even-Aged

Mixed Deciduous No

Report 3 -- Treatments Roscommon Mgt. Unit Compartment: 61 S Year of Entry: 2025 t а **Treatment** Acres Stand Size Stand BA **Treatment Treatment Cover Type** Age Habitat n Method Objective Density Structure Name CoverType Age Range Type Cut d 25 71061025-Cut 12.4 42110 - Planted Poletimber 171-Harvest Crown Thinning 4211 - Planted Even-Aged Red Pine Red Pine Well 200 Prescription Remove about 1/3 of volume cutting poor formed and suppressed trees first, then removing trees based on crown spacing. Specs: Next Step Treatments: <u>Acceptable</u> Regen: Other Comment: Site Condition Proposed Start Date: 10/1 /2024 71061041-Cut 54.4 4123 - Red Oak Sawtimber 86 111-Harvest Crown Thinning 4123 - Red Oak Even-Aged No Well 140 Prescription Thin stand to around 90 BA. Mark suppressed and poor formed trees to cut first, then mark for crown spacing. Try to limit red maple and Specs: aspen removal to avoid regeneration this rotation. No retention needed as this is a thinning. Next Step Treatments: Acceptable Not a regeneration harvest. Regen: Other Comment: Site Condition

Proposed Start Date: 10/1 /2024

79 71061079-Cut 12.0 4130 - Aspen Poletimber 42 51-80 Harvest Clearcut with 413 - Aspen Even-Aged No Well Retention

<u>Prescription</u> Cut all trees 2" DBH and larger. Leave all red pine. Buffer wetland as necessary for BMP's and use that as retention. Leave drumming logs. <u>Specs:</u>

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Aspen with some red maple and balsam fir.

Regen:

<u>Other</u>

Comment:

Site Condition

Proposed Start Date: 10/1 /2024

Total Treatment Acreage Proposed: 162.8

Compartment: 61

Roscommon Mgt. Unit

Brian Martell : Examiner Year of Entry: 2025

Availa	ability for	Managemer	nt							
Total	Acres	Acres Avail	Acres	D	omina	nt Site	e Con	dition	s	
Acres	Available	With Condition	Not Available		5C	MC	1A	2G	2H	5E
738	693	13	32	Aspen	13	0			14	17
7	7	0	0	Bare/Sparsely Vegetated						
4	3	0	0	Bog						0
8	8	0	0	Herbaceous Openland						
380	242	0	139	Jack Pine				139		0
28	28	0	0	Low-Density Trees						
186	86	27	73	Lowland Aspen/Balsam Poplar	27			73		
166	0	0	166	Lowland Conifers				166		
29	29	0	1	Lowland Deciduous			1			
3	0	0	3	Lowland Mixed Forest				3		
351	351	0	0	Lowland Shrub	0					
140	0	0	140	Lowland Spruce/Fir				140		
205	205	0	0	Mixed Upland Deciduous	0					
22	13	9	0	Natural Mixed Pines	9					
78	71	0	7	Northern Hardwood			1			6
153	59	94	0	Oak	94					
57	35	18	3	Red Pine	18				3	
40	40	0	0	Treed Bog						
26	20	0	6	Upland Mixed Forest			3		3	
29	29	0	0	Urban						
12	12	0	0	White Pine						
2,661	1,930	162	570	Total Forested Acres	162	0	5	521	21	23
	73%	6%	21%	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.

Unavailable 2G: Too wet (sensitive 19 Unspecified Unsp	Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
Comments:	1	Unavailable	soils, does not include	19	Unspecified	Unspecified	Unspecified	Unspecified
		Comments:						

Roscommon Mgt. Unit

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2	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	88	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
3	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	6	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
4	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	9	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
5	Unavailable	5E: Long-Term Retention	9	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
6	Unavailable	5E: Long-Term Retention	1	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
	Comments:						
7	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	4	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						

Roscommon Mgt. Unit **Brian Martell: Examiner** Unavailable 1A: Fodoral/State/Local 3

8	Unavailable	1A: Federal/State/Local Law	3	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Natural Rivers setb	ack					
9	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	10	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
10	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	2	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
11	Unavailable	2F: Too steep	8	Unspecified	Unspecified	Unspecified	Unspecified
-	Comments:						
12	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	3	3D: Recreational / Scenic values	Unspecified	Unspecified	Unspecified
	Comments:						
13	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	277	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						

Roscommon Mgt. Unit

Brian Martell: Examiner

14	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	18	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						
15	Unavailable	5E: Long-Term Retention	4	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
16	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	8	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						
17	Unavailable	1A: Federal/State/Local Law	1	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Natural Rivers setb	pack					
18	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	10	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						
19	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						

Roscommon Mgt. Unit

Brian Martell : Examiner

20	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
С	omments:						
21	Unavailable	5E: Long-Term Retention	4	Unspecified	Unspecified	Unspecified	Unspecified
С	omments:						
22	Unavailable	5E: Long-Term Retention	6	Unspecified	Unspecified	Unspecified	Unspecified
С	omments:						
23	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	14	Unspecified	Unspecified	Unspecified	Unspecified
С	omments:						
24	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	2	Unspecified	Unspecified	Unspecified	Unspecified
С	omments:						
25	Unavailable	1A: Federal/State/Local Law	1	Unspecified	Unspecified	Unspecified	Unspecified
	omments: atural Rivers setb	ack					

Roscommon Mgt. Unit

Brian Martell : Examiner

26	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	6	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
27	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	27	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
28	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	131	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
29	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	3	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
30	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	3	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						

Roscommon Mgt. Unit Brian Martell: Examiner

31	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	9	Unspecified	Unspecified	Unspecified	Unspecified
С	omments:						
32	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	7	Unspecified	Unspecified	Unspecified	Unspecified
С	omments:						
33	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	27	Unspecified	Unspecified	Unspecified	Unspecified
С	omments:						
34	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	13	Unspecified	Unspecified	Unspecified	Unspecified
С	omments:						
35	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	9	Unspecified	Unspecified	Unspecified	Unspecified
С	omments:						
67 C	Available omments:	Minor Change in Acreage	0	Unspecified	Unspecified	Unspecified	Unspecified

Roscommon Mgt. Unit

Compartment: 61 Year of Entry: 2025 **Brian Martell: Examiner**

68	Available	Minor Change in Acreage	0	Unspecified	Unspecified	Unspecified	Unspecified
C	omments:						
70	Available	Minor Change in Acreage	0	Unspecified	Unspecified	Unspecified	Unspecified
	Available omments:	Minor Change in Acreage	0	Unspecified	Unspecified	Unspecified	Unspecified

6/27/2023 2:53:43 PM - Page 8 of 8 **POLEYN** Mgt. Unit

Compartment: #Type! Year of Entry:



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

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
Comments				

Roscommon Mgt. Unit Compartment: 61
Year of Entry 2025



Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS

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

Conservation Area	n Type	Description	ERA = Ecological Reference Area HCVA = High Conservation Value Area SCA = Special Conservation Area
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen condi- stocked trout populations and those of other coldwater fish speci- year to year. Coldwater streams in Michigan typically provide the contributions of groundwater to their stream flows. Such streams designated as trout resources by Fisheries Order 210.	es (e.g., slimy sculpin) to persist from se conditions due to substantial
SCA	Riparian Area	A transitional area between aquatic and terrestrial ecosystems in influences the aquatic ecosystem and vice-versa. Because of the streams and open water wetlands, riparian areas harbor a high d communities are ecologically and socially significant in their effect as aesthetics, habitat, bank stability, timber production, and their	e unique conditions adjacent to lakes, iversity of plants and wildlife. Riparian cts on water quality and quantity, as well
HCVA	Natural Rivers	There are two Natural Rivers datasets which are derived from sp approved distance from the river centerlines. The Natural Rivers most Natural Rivers. The Vegetative Buffer ranges from 25 to 10	Zoning District is a 400 foot buffer for



Stan	d Level 4 Co	over Type	s	ize De	nsity	Acres	Stand Age E	BA Range	Managed \$	Site	General Comments
1	4123 -	Red Oak	Sa	awtimb	er Well	88.4	98	111-140	N/A		Large stand of red oak mixed with bigtooth aspen on a large gradual hill.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	Hold for mast and age class diversity.
	Red Maple	10	Pole/Log	8		Re	d Maple	Low	Variable	Sapling	
	Red Oak	75	Log/Pole/XLog	11	98	Wh	nite Oak	Low	Variable	Sapling	
	Bigtooth Aspen	10	Log/Pole	13	98	Wit	ch Hazel	Low	Variable	Tall Shrub	
	White Oak	5	Log/Pole	11				·			
2	4130 -	- Aspen	;	Sapling	y Well	36.8	11	Immature	N/A		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Maple	10	Sapling	2	11	Pir	Cherry	Low	5 - 10 feet	Sapling	
	Pin Cherry	5	Sapling	1	11						•
	Red Oak	4	Log	14	98						
	Quaking Aspen	5	Sapling	2	11						
	Bigtooth Aspen	75	Sapling	2	11						
	White Oak	1	Log	14							
3	4131 - As	spen, Oak	Sa	awtimb	er Well	37.6	64	51-80	N/A		Mixed stand of low quality aspen, oak, and red maple. Oak and quaking
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	aspen in decline. South and west half of stand heavier to oak, north and east half of stand dominated by aspen. Heavy red maple and cherry
	Red Pine	2	Log/XLog/Pole	13		Re	d Maple	High	Variable	Sapling	competition in understory. Above ground pipelines found.
	Quaking Aspen	40	Log/Pole	10	64	Pir	Cherry	Medium	Variable	Sapling	
	Red Maple	15	Pole/Log/Sap	7	64						
Bla	ack/Red (Hybrid) Oak	43	Log/XLog/Pole	14	64						
4	4191 - Mixed Upla Co	and Decidu nifer	ous with Po	oletimb	er Well	37.2	64	81-110	N/A		Aspen mixed with oak and pine. Above ground pipelines found in the stand.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Maple	11	Pole/Log	8		Black/Red	d (Hybrid) Oak	Low	Variable	Sapling	
	White Pine	1	Log	12		Re	d Maple	Medium	Variable	Sapling	
	Quaking Aspen	28	Pole/Log	8	64	Pir	Cherry	Medium	Variable	Sapling	
Bla	ack/Red (Hybrid) Oak	27	Log/Pole	12							-
	Red Pine	11	Log/Pole	12							
	White Oak	1	Log	12							
	Jack Pine	11	Pole/Log	9							



Juliu	and Level 4 Co		Cover Type Size Density			Acres	Stand Age B	A Range	Managed S	ite	General Comments	- MICHIGAN
5	4133 - Aspe	n, Mixed P	rine Sa	Sapling Medium		23.3	20 lı	mmature	N/A		Mixed stand of aspen, cherry, and jack pine. Stand was cut in 2	003 and
C	anopy Species	% Cover	Size Class	DBH	l Age						jack pine tops were left.	
	Pin Cherry	30	Sapling	2								
,	White Pine	1	Sapling	3								
Big	gtooth Aspen	5	Sapling	3	20							
Black/l	Red (Hybrid) Oak	5	Sapling	3								
Qı	uaking Aspen	40	Sapling	3	20							
	Red Pine	1	Sapling	3								
	Jack Pine	18	Sapling	3								
6	4130	- Aspen	Po	oletimb	er Well	87.3	30	1-50	N/A		Aspen stand mixed with red maple and oak. Aspen just getting	into pole
C	anopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	size overall.	
	White Oak	5	Sapling/Pole	3		Wh	nite Oak	Trace	< 5 feet	Seeding		
Black/l	Red (Hybrid) Oak	5	Sapling/Pole	4		Pir	n Cherry	Low	5 - 10 feet	Sapling		
	Red Pine	1	Pole	6		Wit	ch Hazel	Low	5 - 10 feet	Tall Shrub		
Big	gtooth Aspen	75	Pole/Sapling	5	30	Re	d Maple	Medium	Variable	Sapling		
	Dad Manla	4.4	O 1: /D 1	2		14/1				0 "		
	Red Maple	14	Sapling/Pole	3		vvr	nite Pine	Trace	>20 feet	Sapling		
7	•	- Aspen			er Well		45	51-80	>20 feet N/A	Sapling		
7	•		Po	oletimb	er Well	13.2				Sapling		
7 C	4130	- Aspen	Po	oletimb		13.2 Sub-Ca	45	51-80	N/A			
7 C	4130 anopy Species	- Aspen % Cover	Po Size Class	oletimb DBH		13.2 Sub-Car	45 nopy Species	51-80 Density	N/A Avg. Height	Size		
7 Ca	4130 anopy Species Red Maple	- Aspen **Cover** 10	Pole/Log/Sap	DBH		13.2 Sub-Car Pir Black/Re	45 nopy Species	51-80 Density Low	N/A Avg. Height Variable	Size Sapling		
7 Ca Black/l	4130 anopy Species Red Maple Red (Hybrid) Oak	- Aspen % Cover 10 5	Pole/Log/Sap Pole/Sapling	DBH 7		13.2 Sub-Car Pir Black/Re	45 nopy Species n Cherry d (Hybrid) Oak	51-80 Density Low Low	N/A Avg. Height Variable Variable	Size Sapling Sapling		
7 Ca Black/l Qu Big	4130 anopy Species Red Maple Red (Hybrid) Oak uaking Aspen	- Aspen **Cover 10 5 10	Size Class Pole/Log/Sap Pole/Sapling Pole	DBH 7 6	I Age	13.2 Sub-Car Pir Black/Re	45 nopy Species n Cherry d (Hybrid) Oak	51-80 Density Low Low	N/A Avg. Height Variable Variable	Size Sapling Sapling		
7 Ca Black/l Qu Big	A130 - anopy Species Red Maple Red (Hybrid) Oak uaking Aspen gtooth Aspen White Pine 4191 - Mixed Upla	- Aspen **Cover* 10 5 10 72 3	Pole/Log/Sap Pole/Log/Sap Pole/Log/Sap Pole/Log/Sap Pole/Log/Sap		Age 45	13.2 Sub-Car Pir Black/Re	45 nopy Species o Cherry d (Hybrid) Oak d Maple	51-80 Density Low Low	N/A Avg. Height Variable Variable	Size Sapling Sapling	Clearcut in 2003. Low end of canopy coverage range. Alot of che grown in since last inventory.	erry has
7 C: Black/l Qu Big	A130 - anopy Species Red Maple Red (Hybrid) Oak uaking Aspen gtooth Aspen White Pine 4191 - Mixed Upla	- Aspen **Cover* 10 5 10 72 3 and Decidunifer	Pole/Log/Sap Pole/Log/Sap Pole/Log/Sap Pole/Log/Sap Pole/Log/Sap	DBH 7 6 6 7 8 Sapling	Age 45	13.2 Sub-Cal Pir Black/Red Re	45 nopy Species o Cherry d (Hybrid) Oak d Maple	51-80 Density Low Low Medium	N/A Avg. Height Variable Variable Variable	Size Sapling Sapling		erry has
7 Ci Black/l Qu Big	A130 anopy Species Red Maple Red (Hybrid) Oak Jaking Aspen gtooth Aspen White Pine 4191 - Mixed Upla	- Aspen **Cover* 10 5 10 72 3 and Decidunifer	Pole/Log/Sap Pole/Sapling Pole Pole/Log/Sap Pole/Log/Sap Pole/Log	DBH 7 6 6 7 8 Sapling	45 Well	13.2 Sub-Cal Pir Black/Red Re	45 nopy Species o Cherry d (Hybrid) Oak d Maple	51-80 Density Low Low Medium	N/A Avg. Height Variable Variable Variable	Size Sapling Sapling		erry has
7 Carried Black/II Quality Big	A130 anopy Species Red Maple Red (Hybrid) Oak Jaking Aspen gtooth Aspen White Pine 4191 - Mixed Upla Co anopy Species	- Aspen % Cover 10 5 10 72 3 and Decidunifer % Cover	Size Class Pole/Log/Sap Pole/Sapling Pole Pole/Log/Sap Pole/Log/Sap Size Class	DBH 7 6 6 6 7 8 Sapling	45 Well	13.2 Sub-Cal Pir Black/Red Re	45 nopy Species o Cherry d (Hybrid) Oak d Maple	51-80 Density Low Low Medium	N/A Avg. Height Variable Variable Variable	Size Sapling Sapling		erry has
7 C: Black/l	A130 Anopy Species Red Maple Red (Hybrid) Oak Daking Aspen Gtooth Aspen White Pine 4191 - Mixed Upla Co Anopy Species Jack Pine	- Aspen **Cover* 10 5 10 72 3 and Decidunifer **Cover* 25	Pole/Log/Sap Pole/Sapling Pole Pole/Log/Sap Pole/Log Size Class Sapling	DBH 7 6 6 7 8 Sapling	45 Well	13.2 Sub-Cal Pir Black/Red Re	45 nopy Species o Cherry d (Hybrid) Oak d Maple	51-80 Density Low Low Medium	N/A Avg. Height Variable Variable Variable	Size Sapling Sapling		erry has
7 Can Black// Quantum Big	A130 - anopy Species Red Maple Red (Hybrid) Oak Jaking Aspen gtooth Aspen White Pine 4191 - Mixed Upla Co anopy Species Jack Pine Pin Cherry	- Aspen **Cover* 10 5 10 72 3 and Decidunifer **Cover* 25 35	Pole/Log/Sap Pole/Log/Sap Pole/Log/Sap Pole/Log/Sap Pole/Log Ous with Size Class Sapling Sapling	DBH 3 3 3	45 Well	13.2 Sub-Cal Pir Black/Red Re	45 nopy Species o Cherry d (Hybrid) Oak d Maple	51-80 Density Low Low Medium	N/A Avg. Height Variable Variable Variable	Size Sapling Sapling		erry has
7 Ca	A130 anopy Species Red Maple Red (Hybrid) Oak Jaking Aspen gtooth Aspen White Pine 4191 - Mixed Upla Co anopy Species Jack Pine Pin Cherry Red Maple	- Aspen **Cover** 10 5 10 72 3 and Decidunifer **Cover** 25 35 4	Pole/Log/Sap Pole/Log/Sap Pole/Log/Sap Pole/Log/Sap Pole/Log Ous with Size Class Sapling Sapling Sapling/Pole	DBH 7 6 6 6 7 8 Sapling DBH 3 3 4	45 Well Age	13.2 Sub-Cal Pir Black/Red Re	45 nopy Species o Cherry d (Hybrid) Oak d Maple	51-80 Density Low Low Medium	N/A Avg. Height Variable Variable Variable	Size Sapling Sapling		erry has

ort 7 – Stands



tand	Level 4 Co										
9	42120 - Plan	ted Jack F	Pine Po	letimb	er Well	72.8	30	Immature	N/A		Just barely pole sized. Cut Winter 1993 and planted spring 1993.
Cano	opy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
Jac	ck Pine	95	Pole/Sapling	5	30	Black/Red	d (Hybrid) Oak	Trace	Variable	Sapling	
Whi	nite Pine	2	Log/Pole	12		Pin	Cherry	Trace	Variable	Sapling	
Re	ed Pine	1	Pole/Log	8							
Black/Red	d (Hybrid) Oak	2	Pole/Sapling	5							
10	4130 -	Aspen	S	Sapling	Well	26.3	21	Immature	N/A		Cut 2002.
Cano	opy Species	% Cover	Size Class	DBH	Age	Sub-Cai	nopy Species	Density	Avg. Height	Size	
Quakir	ing Aspen	5	Sapling	2	21	Black/Red	d (Hybrid) Oak	Low	5 - 10 feet	Sapling	
Red	d Maple	5	Sapling	2		Wh	nite Pine	Low	10 - 20 feet	Sapling	
Black/Red	d (Hybrid) Oak	2	Sapling	2		Wite	ch Hazel	Low	5 - 10 feet	Tall Shrub	
Whi	nite Pine	1	Pole	7		Re	d Maple	Medium	Variable	Sapling	
											4
Bigtoo	oth Aspen 42200 - Natu				21 er Well	11.9	69	111-140	5 - 10 feet N/A	Sapling	aspen. Most of the red pine is older and is mostly on the south end.
Bigtoo	•									Sapling	White pine pole/log timber stand with some red pine, lack pine, oak, a
Bigtoo	42200 - Natu	ral White F	Pine Po	letimb	er Well	11.9 Sub-Car	69 n opy Species	111-140 Density	N/A Avg. Height	Size	White pine pole/log timber stand with some red pine, jack pine, oak, a aspen. Most of the red pine is older and is mostly on the south end. few small pockets of aspen were found in the center. White pine
Bigtoo Cano Whi	42200 - Natu	ral White F % Cover	Pine Po Size Class Log/Pole	letimbe DBH	er Well	11.9 Sub-Car	69	111-140	N/A		aspen. Most of the red pine is older and is mostly on the south end.
Bigtoo Cano Whi Bigtoo	42200 - Natu opy Species nite Oak oth Aspen	ral White F % Cover 1 4	Pine Po Size Class Log/Pole Pole/Log	DBH 13	er Well	11.9 Sub-Car	69 n opy Species	111-140 Density	N/A Avg. Height	Size	aspen. Most of the red pine is older and is mostly on the south end. few small pockets of aspen were found in the center. White pine
Bigtoo Cano Whi Bigtoo Quakir	42200 - Natu opy Species nite Oak oth Aspen ing Aspen	ral White F % Cover 1 4 1	Pine Po Size Class Log/Pole Pole/Log Pole/Log	DBH 13 9 9	er Well	11.9 Sub-Car	69 n opy Species	111-140 Density	N/A Avg. Height	Size	aspen. Most of the red pine is older and is mostly on the south end. few small pockets of aspen were found in the center. White pine
Cano Whi Bigtoo Quakir Black/Red	42200 - Natu opy Species nite Oak oth Aspen ing Aspen d (Hybrid) Oak	ral White F % Cover 1 4 1 7	Pine Po Size Class Log/Pole Pole/Log Pole/Log Log/Pole	DBH 13 9 9 12	er Well	11.9 Sub-Car	69 n opy Species	111-140 Density	N/A Avg. Height	Size	aspen. Most of the red pine is older and is mostly on the south end. few small pockets of aspen were found in the center. White pine
Cano Whi Bigtoo Quakii Black/Red Whi	42200 - Natu opy Species nite Oak oth Aspen ing Aspen d (Hybrid) Oak nite Pine	ral White F % Cover 1 4 1 7 65	Pine Po Size Class Log/Pole Pole/Log Pole/Log Log/Pole Pole/Log/XLog	DBH 13 9 9 12 8	er Well	11.9 Sub-Car	69 n opy Species	111-140 Density	N/A Avg. Height	Size	aspen. Most of the red pine is older and is mostly on the south end. few small pockets of aspen were found in the center. White pine
Bigtoo Cano Whi Bigtoo Quakir Black/Red Whi Jac	42200 - Natu ppy Species nite Oak oth Aspen ting Aspen d (Hybrid) Oak nite Pine ck Pine	ral White F % Cover 1 4 1 7 65	Pine Po Size Class Log/Pole Pole/Log Pole/Log Log/Pole Pole/Log/XLog Pole/Log	DBH 13 9 9 12 8 8	er Well	11.9 Sub-Car	69 n opy Species	111-140 Density	N/A Avg. Height	Size	aspen. Most of the red pine is older and is mostly on the south end. few small pockets of aspen were found in the center. White pine
Bigtoo Cano Whi Bigtoo Quakir Black/Red Whi Jac	42200 - Natu opy Species nite Oak oth Aspen ing Aspen d (Hybrid) Oak nite Pine	ral White F % Cover 1 4 1 7 65	Pine Po Size Class Log/Pole Pole/Log Pole/Log Log/Pole Pole/Log/XLog	DBH 13 9 9 12 8	er Well	11.9 Sub-Car	69 n opy Species	111-140 Density	N/A Avg. Height	Size	aspen. Most of the red pine is older and is mostly on the south end. few small pockets of aspen were found in the center. White pine
Bigtoo Cano Whi Bigtoo Quakir Black/Red Whi Jac	42200 - Natu ppy Species nite Oak oth Aspen ting Aspen d (Hybrid) Oak nite Pine ck Pine	ral White F % Cover 1 4 1 7 65 4 18	Pine Po Size Class Log/Pole Pole/Log Pole/Log Log/Pole Pole/Log/XLog Pole/Log Log/Pole/Log	DBH 13 9 9 12 8 8 14	er Well	11.9 Sub-Car	69 n opy Species	111-140 Density	N/A Avg. Height	Size	aspen. Most of the red pine is older and is mostly on the south end. few small pockets of aspen were found in the center. White pine understory. Natural red pine saw timber stand mixed with some white pine, jack pi
Bigtoo Cano Whi Bigtoo Quakir Black/Red Whi Jac Red	42200 - Natu opy Species nite Oak oth Aspen ting Aspen d (Hybrid) Oak nite Pine ck Pine ed Pine	ral White F % Cover 1 4 1 7 65 4 18	Pine Po Size Class Log/Pole Pole/Log Pole/Log Log/Pole Pole/Log/XLog Pole/Log Log/Pole/Log	DBH 13 9 9 12 8 8 14	er Well Age 69 er Well	11.9 Sub-Cai Wh	69 nopy Species nite Pine	111-140 Density High 111-140	N/A Avg. Height Variable	Size	aspen. Most of the red pine is older and is mostly on the south end. few small pockets of aspen were found in the center. White pine understory. Natural red pine saw timber stand mixed with some white pine, jack p and oak. Some red pine in understory but mostly thick white pine
Cano Whi Bigtoo Quakir Black/Red Whi Jac Red	42200 - Natu opy Species nite Oak oth Aspen ing Aspen d (Hybrid) Oak nite Pine ck Pine ed Pine 42210 - Natu	ral White F % Cover 1 4 1 7 65 4 18	Pine Po Size Class Log/Pole Pole/Log Pole/Log Log/Pole Pole/Log/XLog Pole/Log/XLog Log/Pole/XLog Saine Saine	DBH 13 9 9 12 8 8 14 wtimbe	er Well Age 69 er Well	9.0	69 nopy Species iite Pine	111-140 Density High 111-140	N/A Avg. Height Variable	Size Sapling	aspen. Most of the red pine is older and is mostly on the south end. few small pockets of aspen were found in the center. White pine understory. Natural red pine saw timber stand mixed with some white pine, jack p
Cano Whi Bigtoo Quakii Black/Red Whi Jac Red 12 Cano	42200 - Natu opy Species nite Oak oth Aspen ing Aspen d (Hybrid) Oak nite Pine ck Pine ed Pine 42210 - Natu	ral White F % Cover 1 4 1 7 65 4 18 ural Red P	Pine Po Size Class Log/Pole Pole/Log Pole/Log Log/Pole Pole/Log/XLog Pole/Log Log/Pole/XLog Size Class	DBH	er Well Age 69 er Well	9.0 Sub-Cal	69 nopy Species nite Pine 95 nopy Species	111-140 Density High 111-140 Density	N/A Avg. Height Variable N/A Avg. Height	Size Sapling	aspen. Most of the red pine is older and is mostly on the south end. few small pockets of aspen were found in the center. White pine understory. Natural red pine saw timber stand mixed with some white pine, jack p and oak. Some red pine in understory but mostly thick white pine
Bigtoo Cano Whi Bigtoo Quakin Black/Red Whi Jac Red 12 Cano Quakin Black/Red	42200 - Natu opy Species nite Oak oth Aspen ing Aspen d (Hybrid) Oak nite Pine ck Pine ed Pine 42210 - Natu opy Species ing Aspen	ral White F % Cover 1 4 1 7 65 4 18 ural Red P % Cover 2	Pine Po Size Class Log/Pole Pole/Log Pole/Log Log/Pole Pole/Log/XLog Pole/Log Log/Pole/XLog Size Class Pole	DBH	er Well Age 69 er Well	9.0 Sub-Cal	69 nopy Species nite Pine 95 nopy Species ed Pine	111-140 Density High 111-140 Density Low	N/A Avg. Height Variable N/A Avg. Height Variable	Size Sapling Size Sapling	aspen. Most of the red pine is older and is mostly on the south end. few small pockets of aspen were found in the center. White pine understory. Natural red pine saw timber stand mixed with some white pine, jack p and oak. Some red pine in understory but mostly thick white pine
Bigtoo Cano Whi Bigtoo Quakir Black/Red Whi Jac Red 12 Cano Quakir Black/Red Whi	42200 - Natu oppy Species nite Oak oth Aspen ting Aspen d (Hybrid) Oak nite Pine ck Pine ed Pine 42210 - Natu oppy Species ting Aspen d (Hybrid) Oak	ral White F % Cover	Pine Po Size Class Log/Pole Pole/Log Pole/Log Log/Pole Pole/Log/XLog Pole/Log Log/Pole/XLog Size Class Pole Log/Pole	DBH 13 9 9 12 8 8 14 wtimbe DBH 8 12	er Well Age 69 er Well	9.0 Sub-Cal	69 nopy Species nite Pine 95 nopy Species ed Pine	111-140 Density High 111-140 Density Low	N/A Avg. Height Variable N/A Avg. Height Variable	Size Sapling Size Sapling	aspen. Most of the red pine is older and is mostly on the south end. few small pockets of aspen were found in the center. White pine understory. Natural red pine saw timber stand mixed with some white pine, jack p and oak. Some red pine in understory but mostly thick white pine
Bigtoo Tano Whi Bigtoo Quakir Black/Red Whi Jac Rec Tano Quakir Black/Red Whi Jac Whi Jac Jac	42200 - Natu oppy Species nite Oak oth Aspen ding Aspen d (Hybrid) Oak nite Pine ck Pine ed Pine 42210 - Natu oppy Species ing Aspen d (Hybrid) Oak nite Pine	ral White F % Cover 1 4 1 7 65 4 18 ural Red P % Cover 2 10 10	Pine Po Size Class Log/Pole Pole/Log Pole/Log Log/Pole Pole/Log/XLog Pole/Log Log/Pole/XLog Size Class Pole Log/Pole Pole/Log	13 9 9 12 8 8 14 Wtimber 8 12 8	er Well Age 69 er Well	9.0 Sub-Cal	69 nopy Species nite Pine 95 nopy Species ed Pine	111-140 Density High 111-140 Density Low	N/A Avg. Height Variable N/A Avg. Height Variable	Size Sapling Size Sapling	aspen. Most of the red pine is older and is mostly on the south end. few small pockets of aspen were found in the center. White pine understory. Natural red pine saw timber stand mixed with some white pine, jack p and oak. Some red pine in understory but mostly thick white pine



Stand	Level 4 Co	over Type	5	Size De	nsity	Acres	Stand Age	BA Range	Managed S	ite	General Comments
14	42290 - Natu	ral Mixed I	Pine S	apling I	Medium	9.2	10	Immature	N/A		Pole and log sized trees are left from previous harvest, and saplings sprouted and seeded in. ORV trail runs through stand.
	Canopy Species	% Cover	Size Class	DBH	l Age						sprouted and seeded in. OKV trail runs throught stand.
Blad	ck/Red (Hybrid) Oak	11	Sapling	1	10						
	Jack Pine	40	Sapling	1	10						
	Jack Pine	2	Pole	6							
	Red Maple	5	Pole/Sapling	5							
	Red Maple	5	Sapling	1	10						
	Pin Cherry	5	Sapling	1	10						
Blad	ck/Red (Hybrid) Oak	1	Pole/Log	8	102						
	Red Pine	10	Sapling	1							
	White Pine	5	Pole/Log	8							
	Balsam Fir	1	Pole	6							
	Red Pine	15	Pole/Log	9	102						
15		nifer			Medium	n 38.8	21	Immature	N/A		Cut 2002. Low quality site growing stump sprout pin/black oak, pin cherry and some natural jack pine. A few scattered red and white pine.
	Canopy Species	% Cover	Size Class		l Age						
	Quaking Aspen	2	Sapling	3							
	Pin Cherry	20	Sapling/Pole	2							
	Bigtooth Aspen	2	Sapling/Pole	3							
Blad	ck/Red (Hybrid) Oak	50	Sapling/Pole	3	21						
	Red Pine	1	Pole	7							
	Jack Pine	25	Sapling	4							
16	42290 - Natu	ral Mixed I	Pine P	oletimb	er Well	l 9.2	102	81-110	N/A		
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size	
	White Pine	45	Pole/Log/Sap	7	102	WI	nite Pine	Medium	Variable	Sapling	
	Red Pine	10	Log/Pole	13	102	Re	d Maple	Low	Variable	Sapling	
	Jack Pine	37	Pole/Log	9	102		·				
Blad	ck/Red (Hybrid) Oak	5	Log/Pole	12	102						
	Red Maple	3	Pole/Sap/Log	7							
17	4113 - R.M	aple, Conii	fer P	oletimb	er Well	l 10.3	63	51-80	N/A		Stand of red maple with some super canopy oak and pine mixed in.
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Specie	s Density	Avg. Height	Size	
	Red Maple	70	Pole/Sap/Log	6	63	Re	d Maple	Medium	Variable	Sapling	
Blac	ck/Red (Hybrid) Oak	10	Log/Pole	10	102	WI	nite Pine	Low	Variable	Sapling	
	Red Pine	10	Log	14	102						
	Jack Pine	10	Pole/Log	9	102						

Roscommon Mgt. Unit Report 7 – Stands



Stand	tand Level 4 Cover Type		er Type Size D			Acres	Stand Age B	Aitalige	Managed S	Site	General Comments
18	4191 - Mixed Upla Co	and Decidu onifer	uous with Sa	apling	Medium	28.4	8 I	mmature	N/A		Pole and log sized trees are left over from previous harvest, and sapling have sprouted or seated in.
	Canopy Species	% Cover	Size Class	DBH	l Age						
Blac	ck/Red (Hybrid) Oak	5	Log/Pole	10	102						
	Pin Cherry	15	Sapling	1	8						
	White Pine	3	Log/Pole	10							
	White Pine	5	Sapling	1							
Blac	ck/Red (Hybrid) Oak	5	Sapling	1	8						
	Red Maple	5	Pole	5							
	Jack Pine	1	Pole	6							
	Quaking Aspen	5	Sapling	1	8						
	Jack Pine	15	Sapling	1							
	Red Maple	35	Sapling	1	8						
	White Oak	1	Log/XLog	16	102						
	Red Pine	2	Log/Pole	10	102						
	5 . 5 .	3	Sapling	1							
10	Red Pine 6126 - Lowla				er Well	92 7	69	51-80	N/A		Part of SCA
19	6126 - Lowla Canopy Species	and Jack F		oletimb	er Well	92.7 Sub-Can	69	51-80 Density	N/A Avg. Height	Size	Part of SCA.
19	6126 - Lowla	and Jack F	Pine Po	oletimb		Sub-Can				Sapling	
19	6126 - Lowla	and Jack F	Pine Po	oletimb DB F		Sub-Can Black	opy Species	Density	Avg. Height Variable < 5 feet		
19	6126 - Lowla Canopy Species White Pine Black Spruce Tamarack	and Jack F % Cover	Pine Po Size Class Pole/Log/Sap	DBH	l Age	Sub-Can Black Leat Tan	opy Species Spruce therleaf marack	Density Low	Avg. Height Variable	Sapling	
19	6126 - Lowla Canopy Species White Pine Black Spruce	and Jack F % Cover 5 5	Pine Poine Poine Pole/Log/Sap	DBH 7		Sub-Can Black Leat Tan	opy Species c Spruce therleaf	Low Full	Avg. Height Variable < 5 feet	Sapling Tall Shrub	
19	6126 - Lowla Canopy Species White Pine Black Spruce Tamarack	and Jack F % Cover 5 5 5	Pine Poine Poine Pole/Log/Sap Pole Pole/Sapling	DBH 7 7 6	l Age	Sub-Can Black Leat Tan	opy Species Spruce therleaf marack	Low Full Low	Avg. Height Variable < 5 feet Variable	Sapling Tall Shrub Sapling	
19	6126 - Lowla Canopy Species White Pine Black Spruce Tamarack Jack Pine	and Jack F % Cover 5 5 5 84 1	Pine Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling	7 7 6 5 5	l Age	Sub-Can Black Leat Tan Jac	opy Species Spruce therleaf marack	Low Full Low	Avg. Height Variable < 5 feet Variable	Sapling Tall Shrub Sapling	
	Canopy Species White Pine Black Spruce Tamarack Jack Pine Red Pine	and Jack F % Cover 5 5 5 84 1	Pine Pole/Log/Sap Pole/Log/Sap Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling	DBH 7 7 6 5 5 sapling	69	Sub-Can Black Leat Tan Jac	opy Species Spruce therleaf marack ck Pine	Low Full Low Low	Avg. Height Variable < 5 feet Variable Variable	Sapling Tall Shrub Sapling	
	6126 - Lowla Canopy Species White Pine Black Spruce Tamarack Jack Pine Red Pine 6126 - Lowla	and Jack F Cover 5 5 84 1 and Jack F	Pine Pole/Log/Sap Pole/Log/Sap Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling	DBH 7 7 6 5 5 sapling	Age 69	Sub-Can Black Leat Tan Jac 45.8 Sub-Can	copy Species Spruce therleaf marack sk Pine	Density Low Full Low Low 1-50	Avg. Height Variable < 5 feet Variable Variable N/A	Sapling Tall Shrub Sapling Sapling	Wet bog jack pine with some spruce.
	Canopy Species White Pine Black Spruce Tamarack Jack Pine Red Pine 6126 - Lowla	and Jack F Cover 5 5 5 84 1 and Jack F	Pine Pole/Sapling	DBH 7 7 6 5 5 appling	Age 69	Sub-Can Black Leat Tan Jac 45.8 Sub-Can	opy Species s Spruce therleaf marack ck Pine 74 opy Species	Low Full Low Low T-50 Density	Avg. Height Variable < 5 feet Variable Variable N/A Avg. Height	Sapling Tall Shrut Sapling Sapling	Wet bog jack pine with some spruce.
	Canopy Species White Pine Black Spruce Tamarack Jack Pine Red Pine 6126 - Lowla Canopy Species Black Spruce	and Jack F Cover 5 5 84 1 and Jack F Cover	Pine Pole/Sapling	7 7 6 5 5	Age 69	Sub-Can Black Leat Tan Jac 45.8 Sub-Can Leat Jac	copy Species s Spruce therleaf marack ck Pine 74 copy Species therleaf	Low Full Low Low T-50 Density Full	Avg. Height Variable < 5 feet Variable Variable N/A Avg. Height < 5 feet	Sapling Tall Shrut Sapling Sapling Size Tall Shrut	Wet bog jack pine with some spruce.
	Canopy Species White Pine Black Spruce Tamarack Jack Pine Red Pine 6126 - Lowla Canopy Species Black Spruce Tamarack Jack Pine	and Jack F **Cover* 5 5 84 1 and Jack F **Cover* 5 5 5	Pine Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling/Pole Sapling/Pole Sapling/Pole Sapling/Pole	7 7 6 5 5 Papling 3 3 3 3	69 Medium	Sub-Can Black Leat Tan Jac 45.8 Sub-Can Leat Jac	sopy Species A Spruce therleaf marack the Pine 74 topy Species therleaf therleaf	Low Full Low Low 1-50 Density Full Low	Avg. Height Variable < 5 feet Variable Variable N/A Avg. Height < 5 feet Variable	Sapling Tall Shrut Sapling Sapling Size Tall Shrut Sapling	Wet bog jack pine with some spruce. Swamp conifer stand of black spruce mixed with jack pine and tamarack
20	Canopy Species White Pine Black Spruce Tamarack Jack Pine Red Pine 6126 - Lowla Canopy Species Black Spruce Tamarack Jack Pine	and Jack F % Cover 5 5 84 1 and Jack F % Cover 5 90 ack Spruce	Pine Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling/Pole Sapling/Pole Sapling/Pole Sapling/Pole	DBH 7 7 6 5 5 5 Eapling BH 3 3 3 3 Soletimb	Medium 1 Age 74	Sub-Can Black Leat Tan Jac 45.8 Sub-Can Leat Jac Black	opy Species Spruce therleaf marack ck Pine 74 opy Species therleaf ck Pine Spruce	Low Full Low Low 1-50 Density Full Low	Avg. Height Variable < 5 feet Variable Variable N/A Avg. Height < 5 feet Variable Variable	Sapling Tall Shrut Sapling Sapling Size Tall Shrut Sapling	Wet bog jack pine with some spruce. Swamp conifer stand of black spruce mixed with jack pine and tamarack Most of the jack pine is around the edges and the interior is mostly
20	6126 - Lowla Canopy Species White Pine Black Spruce Tamarack Jack Pine Red Pine 6126 - Lowla Canopy Species Black Spruce Tamarack Jack Pine 6122 - Black	and Jack F % Cover 5 5 84 1 and Jack F % Cover 5 90 ack Spruce	Pine Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling/Pole Sapling/Pole Sapling/Pole Sapling/Pole Pole Pole Pole Pole Pole Pole Pole	DBH 7 7 6 5 5 5 Eapling BH 3 3 3 3 Soletimb	69 Medium 1 Age 74	Sub-Can Black Leat Tan Jac 45.8 Sub-Can Leat Jac Black 130.1 Sub-Can	ropy Species A Spruce therleaf marack sk Pine 74 ropy Species therleaf sk Pine A Spruce 57	Density Low Full Low Low 1-50 Density Full Low Low	Avg. Height Variable < 5 feet Variable Variable N/A Avg. Height < 5 feet Variable Variable	Sapling Tall Shrut Sapling Sapling Size Tall Shrut Sapling	Wet bog jack pine with some spruce. Swamp conifer stand of black spruce mixed with jack pine and tamarack
20	Canopy Species White Pine Black Spruce Tamarack Jack Pine Red Pine 6126 - Lowla Canopy Species Black Spruce Tamarack Jack Pine 6122 - Bla Canopy Species	and Jack F Cover 5 5 84 1 and Jack F Cover 5 90 ack Spruce Cover	Pine Pole/Sapling Pole Sapling/Pole Sapling/Pole Sapling/Pole Sapling/Pole Sapling/Pole Sapling/Pole	DBH 3 3 3 Deletimb	69 Medium 1 Age 74	Sub-Can Black Leat Tan Jac 45.8 Sub-Can Leat Jac Black 130.1 Sub-Can Tan	opy Species Spruce therleaf marack tk Pine 74 topy Species therleaf tk Pine Spruce 57 topy Species	Low Low 1-50 Density Full Low Low Density Density	Avg. Height Variable < 5 feet Variable Variable N/A Avg. Height < 5 feet Variable Variable N/A Avg. Height Avg. Height	Sapling Tall Shrut Sapling Sapling Size Tall Shrut Sapling Sapling	Wet bog jack pine with some spruce. Swamp conifer stand of black spruce mixed with jack pine and tamarack Most of the jack pine is around the edges and the interior is mostly spruce and tamarack. The stand is listed as an SCA (poor conifer swamp).
20	Canopy Species White Pine Black Spruce Tamarack Jack Pine Red Pine 6126 - Lowla Canopy Species Black Spruce Tamarack Jack Pine 6122 - Black Canopy Species Tamarack Tamarack Tamarack	and Jack F % Cover 5 5 84 1 and Jack F % Cover 5 90 ack Spruce % Cover 15	Pine Pro- Size Class Pole/Log/Sap Pole Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole/Sapling Pole Size Class Sapling/Pole Sapling/Pole Sapling/Pole Sapling/Pole Pole/Sap/Log	7	69 Medium 1 Age 74	Sub-Can Black Leat Tan Jac 45.8 Sub-Can Leat Jac Black 130.1 Sub-Can Tan	ropy Species A Spruce A Spruce A Spruce Therleaf Marack A Pine Therleaf A Spruce Therleaf Therle	Low Low 1-50 Density Low Low Density Low Low Low	Avg. Height Variable < 5 feet Variable Variable N/A Avg. Height < 5 feet Variable Variable N/A Avg. Height Variable	Sapling Tall Shrut Sapling Sapling Size Tall Shrut Sapling Sapling Sapling Sapling	Wet bog jack pine with some spruce. Swamp conifer stand of black spruce mixed with jack pine and tamarack Most of the jack pine is around the edges and the interior is mostly spruce and tamarack. The stand is listed as an SCA (poor conifer swamp).



Stand	Level 4 Co	over Type		Size De	nsity	Acres	Stand Age B	A Range	Managed S	ite	General Comments
22	6112 - Lov	vland Aspe	n	Poletimb	er Well	8.0	55	51-80	N/A		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Maple	40	Pole/Log	8	55	Re	d Maple	Medium	Variable	Sapling	
Blad	ck/Red (Hybrid) Oak	10	Pole/Log	9							
	Quaking Aspen	50	Pole/Log	8	55						
23	42110 - Plai	nted Red Pi	ine	Poletimb	er Well	4.8	62	171-200	N/A		Red pine plantation thinned two entries ago.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Pine	100	Pole/Log	9	62	Re	d Maple	Low	< 5 feet	Sapling	
						Wh	nite Pine	Low	< 5 feet	Sapling	
24	42110 - Plai	nted Red Pi	ine	Sawtimb		15.7	62	1-50	N/A		Quite a bit of residual red pine was left during last harvest. Red pine was planted but is mostly being overtopped by red maple.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	planted but is mostly being overtopped by red maple.
	Red Pine	100	Log/Pole/XLo	og 12	62	Black/Re	d (Hybrid) Oak	Medium	Variable	Sapling	
						Pir	n Cherry	Low	Variable	Sapling	
						Re	ed Pine	Medium	< 5 feet	Sapling	
						E	Beech	Trace	5 - 10 feet	Sapling	
						Ja	ck Pine	Low	< 5 feet	Sapling	
						Re	d Maple	High	10 - 20 feet	Sapling	
25	42110 - Plai	nted Red Pi	ine	Poletimb	er Well	12.4	62	171-200	N/A		Red pine plantation with some jack pine mixed in. Row thinned 2015.
	Canopy Species		Size Class	DBH	Age		nopy Species	Density	Avg. Height	Size	
	Red Pine	98	Pole/Log	9	62	Re	ed Pine	Trace	< 5 feet	Sapling	
Bla	ck/Red (Hybrid) Oak	1	Log	14			d Maple	Low	< 5 feet	Sapling	
	Jack Pine	1	Pole	7			nite Pine	Low	< 5 feet	Sapling	
						Pir	Cherry	Low	< 5 feet	Sapling	
26	6112 - Lov	vland Aspe	n	Sapling		86.0	28 I	Immature	N/A		High water table aspen stand. Some areas have thick natural jack pine regeneration. Lots of other species mixed in.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	regeneration. Lots of other species mixed in.
Bla	ck/Red (Hybrid) Oak	7	Sapling/Pol	е 3		Black/Re	d (Hybrid) Oak	Low	Variable	Sapling	
	Jack Pine	30	Pole/Saplin	-	28	Blac	k Spruce	Low	Variable	Sapling	
	Red Pine	2	Pole/Log/Sa	ap 6		Pir	Cherry	Low	Variable	Sapling	
	Red Maple	5	Sapling/Pol								
	Quaking Aspen	54	Sapling/Pol		28						
	Black Spruce	2	Sapling/Pol	е 3							



Stand	Level 4 Co	Level 4 Cover Type Size Density		Acres	Acres Stand Age BA Range			Site	General Comments		
27	4131 - As	pen, Oak		Saplin		123.2	11	Immature	N/A		Cut 2012. There is a mature conifer component around areas that are
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	low/wet.
	Red Maple	5	Sapling	2	11	Re	ed Pine	Low	< 5 feet	Sapling	
(Quaking Aspen	45	Sapling	2	11	Jac	ck Pine	Low	Variable	Sapling	
Blac	k/Red (Hybrid) Oak	35	Sapling	1	16						
	White Oak	2	Log	16							
	Red Pine	2	Log/Pole/XLog	14							
	Pin Cherry	7	Sapling	2							
Blac	k/Red (Hybrid) Oak	4	Log/XLog/Pole	9 14							
28	629 - Mixed non-	forested v	wetland	Nonsto	ocked	2.2			No		
29	629 - Mixed non-	forested v	wetland	Nonsto	ocked	129.1			No		Partly filling in with lowland conifer but still non-forested overall.
30	4130 -	Aspen	Р		er Well	14.4	30	Immature	N/A		Looked across lowlands from Moore Road.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
(Quaking Aspen	95	Pole/Sapling	5	30	Tag	g Alder	Low	Variable	Tall Shrub	
	Balsam Fir	5	Pole/Sapling	6		Red	d Maple	Low	Variable	Tall Shrub	
31	6112 - Low			oletimb	er Well	26.6	30	Immature	N/A		Wet quaking aspen stand with some oak and jack pine mixed in (SE corner). Wetter areas have tag alder understory.
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Car	nopy Species	Density	Avg. Height	Size	comer). Wetter areas have tag alder understory.
Blac	k/Red (Hybrid) Oak	2	Pole/Sapling	5		Red	d Maple	Low	Variable	Sapling	
(Quaking Aspen	95	Pole/Sapling	6	30	Black/Red	d (Hybrid) Oak	Low	Variable	Sapling	
	Jack Pine	3	Pole/Sapling	5		Tag	g Alder	Medium	Variable	Tall Shrub	
						Pin	Cherry	Low	Variable	Sapling	
32	42110 - Plan	ted Red P	Pine S		er Well	3.7	102	141-170	N/A		Thinned 1982.
	Canopy Species	% Cover	Size Class	DBF	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
Blac	k/Red (Hybrid) Oak	1	Log	14			d Maple	Low	Variable	Sapling	
	Red Pine	99	Log/Pole	13	102	Black/Red	d (Hybrid) Oak	Medium	Variable	Sapling	
33	122 - Road/	Parking L	.ot	Nonsto	ocked	29.2			No		Road and Railroad
34	6112 - Low	land Aspe	en P	oletimb	er Poor	9.2	42		N/A	_	
			a. a.		1			Density	Ava Haiaht	C:	
	Canopy Species	% Cover	Size Class	DBH	l Age		nopy Species	Delisity	Avg. Height	Size	
	Balsam Fir	% Cover	Pole	DB F	l Age		g Alder	Medium	Variable	Tall Shrub	



Stand	Level 4 Co	ver Type		Size De	ensity	Acres	Stand Age B	BA Range	Managed S	ite	General Comments
35	629 - Mixed non-	-forested \	wetland	Nonst	ocked	12.6			No		Powerline ROW
37	629 - Mixed non-	-forested v	wetland	Nonst	ocked	5.9			No		Powerline ROW
39	310 - Herbace	ous Oper	nland	Nonst	ocked	0.6	0				Old well pad.
40	4125 - Black	k, N. Pin C	Dak S	Sawtimb	er Wel	l 4.4	102	51-80	N/A		Old poor quality oak with with very heavy advanced red maple understor
(Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	luaking Aspen	1	Pole	9			n Cherry	Medium	Variable	Sapling	
	/Red (Hybrid) Oak	84	Log/Pole	12	102		d (Hybrid) Oak	Low	Variable	Sapling	
	Red Maple	15	Log/Pole	11			ed Maple	High	Variable	Sapling	
41	4123 - F	Red Oak	,	Sawtimb	oer Wel	l 54.4	86	111-140	N/A		Decent oak on some rolling hilly terrain. A few red maple amd aspen
	Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	clumps mixed in.
	Red Oak	88	Log/Pole	10	86		nite Pine	Low	Variable	Sapling	
В	sigtooth Aspen	5	Log/Pole	11		Bigto	oth Aspen	Low	< 5 feet	Sapling	
	Ded Meele	_	D 1 //	0		14/1-					
	Red Maple	2	Pole/Log	8		VVit	ch Hazel	Low	5 - 10 feet	Tall Shrub	
	White Oak	5	Pole/Log Pole/Log	9		VVit	ch Hazel	Low	5 - 10 feet	Tall Shrub	
42	<u>'</u>	5	Pole/Log		g Well	58.1		Low	5 - 10 feet N/A	Tall Shrub	Cut 2002. Red maple mixed with aspen and oak. Most of the red maple
72	White Oak 4199 - Other Mixed Canopy Species	5 I Upland E % Cover	Pole/Log Deciduous Size Class	9 Saplin	H Age	58.1 Sub-Ca	21 nopy Species	Immature Density	N/A Avg. Height	Size	Cut 2002. Red maple mixed with aspen and oak. Most of the red maple and oak are in stump sprout clumps.
72	White Oak 4199 - Other Mixed Canopy Species Red Maple	5 Upland C % Cover 59	Pole/Log Deciduous Size Class Sapling/Pole	Sapling DBI 3		58.1 Sub-Ca	21 nopy Species ch Hazel	Immature Density Low	N/A Avg. Height 5 - 10 feet	Size Tall Shrub	Cut 2002. Red maple mixed with aspen and oak. Most of the red maple and oak are in stump sprout clumps.
(White Oak 4199 - Other Mixed Canopy Species Red Maple White Oak	5 Upland E Cover 59	Pole/Log Deciduous Size Class Sapling/Pole Sapling/Pole	Sapline DBI 3 3	1 Age 21	58.1 Sub-Ca	21 nopy Species	Immature Density	N/A Avg. Height	Size	Cut 2002. Red maple mixed with aspen and oak. Most of the red maple and oak are in stump sprout clumps.
(B	White Oak 4199 - Other Mixed Canopy Species Red Maple White Oak digtooth Aspen	5 Upland E % Cover 59 1 30	Pole/Log Deciduous Size Class Sapling/Pole Sapling/Pole Sapling/Pole	Sapling DBI 3 3 3 3 3	21 21	58.1 Sub-Ca	21 nopy Species ch Hazel	Immature Density Low	N/A Avg. Height 5 - 10 feet	Size Tall Shrub	Cut 2002. Red maple mixed with aspen and oak. Most of the red maple and oak are in stump sprout clumps.
(B	White Oak 4199 - Other Mixed Canopy Species Red Maple White Oak	5 Upland E Cover 59	Pole/Log Deciduous Size Class Sapling/Pole Sapling/Pole	Sapline DBI 3 3 3 3	1 Age 21	58.1 Sub-Ca	21 nopy Species ch Hazel	Immature Density Low	N/A Avg. Height 5 - 10 feet	Size Tall Shrub	Cut 2002. Red maple mixed with aspen and oak. Most of the red maple and oak are in stump sprout clumps.
	White Oak 4199 - Other Mixed Canopy Species Red Maple White Oak digtooth Aspen	5 Upland E % Cover 59 1 30 10	Pole/Log Deciduous Size Class Sapling/Pole Sapling/Pole Sapling/Pole Sapling/Pole	Sapling DBI 3 3 3 3 3	21 21 21 21	58.1 Sub-Ca Wit	21 nopy Species ch Hazel	Immature Density Low	N/A Avg. Height 5 - 10 feet	Size Tall Shrub	Cut 2002. Red maple mixed with aspen and oak. Most of the red maple and oak are in stump sprout clumps.
B Black	White Oak 4199 - Other Mixed Canopy Species Red Maple White Oak igtooth Aspen /Red (Hybrid) Oak	5 Upland E	Pole/Log Deciduous Size Class Sapling/Pole Sapling/Pole Sapling/Pole Sapling/Pole	Sapline DBH 3 9 3 9 3 9 3 Poletimb	21 21 21 21	58.1 Sub-Ca Wit	21 nopy Species ch Hazel nite Pine	Immature Density Low Trace	N/A Avg. Height 5 - 10 feet 5 - 10 feet	Size Tall Shrub	Cut 2002. Red maple mixed with aspen and oak. Most of the red maple and oak are in stump sprout clumps.
B Black	White Oak 4199 - Other Mixed Canopy Species Red Maple White Oak digtooth Aspen //Red (Hybrid) Oak 4119 - Mixed Nor	5 Upland E	Pole/Log Deciduous Size Class Sapling/Pole Sapling/Pole Sapling/Pole Sapling/Pole dwoods	Sapline DBH 3 9 3 9 3 9 3 Poletimb	21 21 21 coer Wel	58.1 Sub-Ca Wit	21 nopy Species ch Hazel nite Pine	Immature Density Low Trace	N/A Avg. Height 5 - 10 feet 5 - 10 feet	Size Tall Shrub	Cut 2002. Red maple mixed with aspen and oak. Most of the red maple and oak are in stump sprout clumps.
B Black	White Oak 4199 - Other Mixed Canopy Species Red Maple White Oak digtooth Aspen /Red (Hybrid) Oak 4119 - Mixed Not Canopy Species	5 Upland E	Pole/Log Deciduous Size Class Sapling/Pole Sapling/Pole Sapling/Pole Sapling/Pole dwoods Figure Class	9 Sapling DBH 9 3 3 3 3 7 Poletimb DBH 9	21 21 21 coer Wel	58.1 Sub-Ca Wit	21 nopy Species ch Hazel nite Pine	Immature Density Low Trace	N/A Avg. Height 5 - 10 feet 5 - 10 feet	Size Tall Shrub	Cut 2002. Red maple mixed with aspen and oak. Most of the red maple and oak are in stump sprout clumps.
B Black	White Oak 4199 - Other Mixed Canopy Species Red Maple White Oak bigtooth Aspen /Red (Hybrid) Oak 4119 - Mixed Not Canopy Species Quaking Aspen	5 Upland E	Pole/Log Peciduous Size Class Sapling/Pole Sapling/Pole Sapling/Pole Sapling/Pole dwoods Size Class Pole/Log	9 Sapling DBH 9 3 3 3 3 7 Poletimb DBH 9	21 21 21 coer Wel	58.1 Sub-Ca Wit	21 nopy Species ch Hazel nite Pine	Immature Density Low Trace	N/A Avg. Height 5 - 10 feet 5 - 10 feet	Size Tall Shrub	Cut 2002. Red maple mixed with aspen and oak. Most of the red maple and oak are in stump sprout clumps.
B Black	White Oak 4199 - Other Mixed Canopy Species Red Maple White Oak digtooth Aspen /Red (Hybrid) Oak 4119 - Mixed Nor Canopy Species Quaking Aspen White Pine Red Maple /Red (Hybrid) Oak	5 Upland E	Pole/Log Deciduous Size Class Sapling/Pole Sapling/Pole Sapling/Pole Sapling/Pole dwoods Figure Class Pole/Log Log/Pole/XLog	9 Sapling 9 Sapling 9 3 3 3 3 7 Poletimb DBI 9 9 12	21 21 21 Der Wel	58.1 Sub-Ca Wit	21 nopy Species ch Hazel nite Pine	Immature Density Low Trace	N/A Avg. Height 5 - 10 feet 5 - 10 feet	Size Tall Shrub	Cut 2002. Red maple mixed with aspen and oak. Most of the red maple and oak are in stump sprout clumps.
B Black	White Oak 4199 - Other Mixed Canopy Species Red Maple White Oak digtooth Aspen //Red (Hybrid) Oak 4119 - Mixed Not Canopy Species Quaking Aspen White Pine Red Maple	5 Upland E	Pole/Log Pole/Log Pole/Log Pole/Log Pole/Log Pole/Log Pole/Log Pole/Log Pole/Log	9 Sapling DBH 3 3 3 3 7 Poletimb DBH 9 9 12 8	21 21 21 Der Wel	58.1 Sub-Ca Wit	21 nopy Species ch Hazel nite Pine	Immature Density Low Trace	N/A Avg. Height 5 - 10 feet 5 - 10 feet	Size Tall Shrub	Cut 2002. Red maple mixed with aspen and oak. Most of the red maple and oak are in stump sprout clumps.
Black Black	White Oak 4199 - Other Mixed Canopy Species Red Maple White Oak digtooth Aspen /Red (Hybrid) Oak 4119 - Mixed Nor Canopy Species Quaking Aspen White Pine Red Maple /Red (Hybrid) Oak	5 Upland E	Pole/Log Poleiduous Size Class Sapling/Pole Sapling/Pole Sapling/Pole Sapling/Pole Comparison Size Class Pole/Log Log/Pole/Log Log/Pole Pole Pole	9 Sapling DBH 3 3 3 3 3 7 Poletimb DBH 9 9 12 8 10	21 21 21 Der Wel	58.1 Sub-Ca Wit	21 nopy Species ch Hazel nite Pine	Immature Density Low Trace	N/A Avg. Height 5 - 10 feet 5 - 10 feet	Size Tall Shrub	Cut 2002. Red maple mixed with aspen and oak. Most of the red maple and oak are in stump sprout clumps.
Black Black	White Oak 4199 - Other Mixed Canopy Species Red Maple White Oak digtooth Aspen //Red (Hybrid) Oak 4119 - Mixed Not Canopy Species Quaking Aspen White Pine Red Maple //Red (Hybrid) Oak White Oak White Oak	5 Upland E	Pole/Log Poleiduous Size Class Sapling/Pole Sapling/Pole Sapling/Pole Sapling/Pole Code Sapling/Pole Sapling/Pole Sapling/Pole Log/Pole/Log Log/Pole/Log Log/Pole Pole	9 Sapling DBI 3 3 3 3 3 7 Poletimb 9 9 12 8 10 7	21 21 21 Der Wel	58.1 Sub-Ca Wit	21 nopy Species ch Hazel nite Pine	Immature Density Low Trace	N/A Avg. Height 5 - 10 feet 5 - 10 feet	Size Tall Shrub	Cut 2002. Red maple mixed with aspen and oak. Most of the red maple and oak are in stump sprout clumps.
B Black	White Oak 4199 - Other Mixed Canopy Species Red Maple White Oak digtooth Aspen /Red (Hybrid) Oak 4119 - Mixed Not Canopy Species Quaking Aspen White Pine Red Maple /Red (Hybrid) Oak White Oak Black Cherry	5 Upland E % Cover 59 1 30 10 Thern Har % Cover 3 10 60 10 1 1	Pole/Log Poleiduous Size Class Sapling/Pole Sapling/Pole Sapling/Pole Sapling/Pole Comparison Size Class Pole/Log Log/Pole/Log Log/Pole Pole Pole	9 Sapling Sapling	21 21 21 Der Wel	58.1 Sub-Ca Wit	21 nopy Species ch Hazel nite Pine	Immature Density Low Trace	N/A Avg. Height 5 - 10 feet 5 - 10 feet	Size Tall Shrub	Cut 2002. Red maple mixed with aspen and oak. Most of the red maple and oak are in stump sprout clumps.

Compartment: 61 Year of Entry: 2025

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JIANU	and Level 4 Cover Type		S	Size Density			Acres Stand Age BA Range			Site	General Comments
44	4130	- Aspen	Po	oletimb	er Well	50.6	33	mmature	N/A		Cut fall 1990.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
	White Oak	1	Pole/Log/Sap	7		Wh	nite Oak	Low	Variable	Sapling	
Black	k/Red (Hybrid) Oak	4	Pole/Sap/Log	6		Wh	nite Pine	Low	Variable	Sapling	
	Red Maple	10	Pole/Sapling	5	33	Re	d Maple	Low	Variable	Sapling	
E	Bigtooth Aspen	85	Pole/Sapling	6	33	Servicebe	rry (Juneberry)	Low	10 - 20 feet	Sapling	
						Wit	ch Hazel	Medium	5 - 10 feet	Tall Shrub	
45	4130	- Aspen	Po	oletimb	er Well	12.4	43	51-80	N/A		Cut fall 1980.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
	White Pine	3	Log/Pole	12		Re	d Maple	Low	Variable	Sapling	
	Red Maple	5	Pole/Sapling	6	43	Wit	ch Hazel	Low	5 - 10 feet	Tall Shrub	
E	Bigtooth Aspen	92	Pole/Sap/Log	7	43	Wh	nite Pine	Low	Variable	Sapling	
						Black/Red	d (Hybrid) Oak	Low	Variable	Sapling	
						Wh	nite Oak	Low	5 - 10 feet	Sapling	
46	42220 - Nati	ural Jack P	Pine Po	oletimb	er Well	3.3	32	51-80	N/A		Jack pine ridge.
	42220 - Nate		Pine Po		er Well		32 nopy Species	51-80 Density		Size	Jack pine ridge.
						Sub-Ca		Density	N/A Avg. Height Variable		Jack pine ridge.
	Canopy Species	% Cover	Size Class	DBF		Sub-Ca	nopy Species	Density	Avg. Height	Size Sapling	Jack pine ridge.
	Canopy Species Red Pine	% Cover	Size Class Pole/Log	DB H		Sub-Ca	nopy Species	Density	Avg. Height		Jack pine ridge.
	Canopy Species Red Pine k/Red (Hybrid) Oak Jack Pine	% Cover 5 5	Size Class Pole/Log Sapling/Pole Pole/Sapling	8 4	Age 32	Sub-Ca	nopy Species	Density	Avg. Height		Jack pine ridge.
Black	Canopy Species Red Pine k/Red (Hybrid) Oak Jack Pine 6224 - T	% Cover 5 5 90	Size Class Pole/Log Sapling/Pole Pole/Sapling	BH 8 4 5 Nonsto	Age 32	Sub-Car Black/Red	nopy Species d (Hybrid) Oak	Density	Avg. Height Variable		Jack pine ridge. South end has larger trees than the rest of the stand. Cut spring 1990.
47 48	Canopy Species Red Pine k/Red (Hybrid) Oak Jack Pine 6224 - T	% Cover 5 5 90 90	Size Class Pole/Log Sapling/Pole Pole/Sapling	BH 8 4 5 5 Nonsto	32 ocked	Sub-Car Black/Red 35.7	nopy Species d (Hybrid) Oak	Density Low	Avg. Height Variable No		
47 48	Canopy Species Red Pine k/Red (Hybrid) Oak Jack Pine 6224 - T	% Cover 5 5 90 Freed Bog	Size Class Pole/Log Sapling/Pole Pole/Sapling	BH 8 4 5 5 Nonsto	32 Ocked	Sub-Cal Black/Red 35.7 12.7 Sub-Cal	nopy Species d (Hybrid) Oak	Density Low mmature	Avg. Height Variable No N/A	Sapling	
47 48	Canopy Species Red Pine k/Red (Hybrid) Oak Jack Pine 6224 - 1 4130	% Cover 5 90 Freed Bog - Aspen % Cover	Size Class Pole/Log Sapling/Pole Pole/Sapling	DBH 8 4 5 Nonsto	32 Ocked	Sub-Car Black/Red 35.7 12.7 Sub-Car	nopy Species d (Hybrid) Oak 33 nopy Species	Density Low mmature Density	Avg. Height Variable No N/A Avg. Height	Sapling	
47 48	Canopy Species Red Pine k/Red (Hybrid) Oak Jack Pine 6224 - T 4130 - Canopy Species White Pine	% Cover 5 90 90 Freed Bog Cover 4	Size Class Pole/Log Sapling/Pole Pole/Sapling Pole/Sapling	DBH 8 4 5 Nonsto	32 Ocked	Sub-Car Black/Red 35.7 12.7 Sub-Car Wh	nopy Species d (Hybrid) Oak 33 nopy Species nite Pine	Density Low mmature Density Low	Avg. Height Variable No N/A Avg. Height Variable	Sapling Size Sapling	
47 48 Black	Canopy Species Red Pine k/Red (Hybrid) Oak Jack Pine 6224 - T 4130 - Canopy Species White Pine Black Cherry	% Cover 5 90 90 Freed Bog - Aspen	Size Class Pole/Log Sapling/Pole Pole/Sapling Pole/Sapling Pole/Sapling Pole/Log Sapling/Pole	DBH 8 4 5 Nonsto	32 Ocked	Sub-Car Black/Red 35.7 12.7 Sub-Car Wh	33 nopy Species interpretation of the properties	mmature Density Low Low Trace	Avg. Height Variable No N/A Avg. Height Variable < 5 feet	Size Sapling Sapling Sapling	
47 48 Black	Canopy Species Red Pine k/Red (Hybrid) Oak Jack Pine 6224 - T 4130 - Canopy Species White Pine Black Cherry k/Red (Hybrid) Oak	% Cover	Size Class Pole/Log Sapling/Pole Pole/Sapling Pole/Sapling Size Class Pole/Log Sapling/Pole Pole/Sapling	DBH 8 4 5 Nonsto DBH 8 4 5	32 Ocked	Sub-Car Black/Red 35.7 12.7 Sub-Car Wh	33 nopy Species interpretation of the properties	mmature Density Low Low Trace	Avg. Height Variable No N/A Avg. Height Variable < 5 feet	Size Sapling Sapling Sapling	
47 48	Canopy Species Red Pine k/Red (Hybrid) Oak Jack Pine 6224 - T 4130 - Canopy Species White Pine Black Cherry k/Red (Hybrid) Oak Bigtooth Aspen	% Cover	Size Class Pole/Log Sapling/Pole Pole/Sapling Pole/Sapling Size Class Pole/Log Sapling/Pole Pole/Sapling Pole/Sapling	8	32 Ocked	Sub-Car Black/Red 35.7 12.7 Sub-Car Wh	33 nopy Species interpretation of the properties	mmature Density Low Low Trace	Avg. Height Variable No N/A Avg. Height Variable < 5 feet	Size Sapling Sapling Sapling	



Stand	nd Level 4 Cover Type		Size Der		Size Density		Acres	Stand Age B	A Range	Managed S	Site	General Comments
49	4130 -	Aspen		Saplin	y Well	10.9	13 I	mmature	N/A		Cut Fall 2010, left oak under 6" DBH and marked a few oaks to leave for	
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	mast.	
	Pin Cherry	5	Sapling	3		Re	d Maple	Low	5 - 10 feet	Sapling		
	Red Maple	10	Sapling	2	13	Pir	n Cherry	Low	5 - 10 feet	Sapling		
	Quaking Aspen	40	Sapling	2	13							
	Bigtooth Aspen	40	Sapling	3	13							
Blad	ck/Red (Hybrid) Oak	5	Log/Pole	10								
50	790 - Other Bare/S	Sparsely Ve	egetated	Nonst	ocked	0.3	0				Oil/gas infrastructure.	
51	629 - Mixed non-	-forested w	vetland	Nonst	ocked	12.0			No			
53	3102 -	Grass		Nonst	ocked	0.4	0				Well plugged 6/20/2014 Permit # 9622	
54	4130 -	Aspen		Saplin	g Well	78.1	21 I	mmature	N/A			
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size		
	Bigtooth Aspen	83	Sapling/Pole	3	21		d Maple	Medium	10 - 20 feet	Sapling		
	Red Maple	15	Sapling/Pole		21		ch Hazel	Medium	5 - 10 feet	Tall Shrub		
Blad	ck/Red (Hybrid) Oak	2	Sapling	3			ick Pine	Trace	Variable	Sapling		
						WI	hite Oak	Low	Variable	Sapling		
55	4131 - As	spen, Oak	Р	oletimb	er Wel	II 21.9	43	1-50	N/A		Cut 1980	
			Size Class	DBL	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size		
	Canopy Species	% Cover	Size Class	וסט	- Age							
	Canopy Species Balsam Fir	% Cover	Pole	7	Age	Servicebe	erry (Juneberry)	Trace	10 - 20 feet	Sapling		
					Age		erry (Juneberry) d (Hybrid) Oak		10 - 20 feet Variable	Sapling Sapling		
	Balsam Fir	1	Pole	7	Age	Black/Re	* '					
	Balsam Fir Jack Pine	1	Pole Pole	7	ngc	Black/Re	d (Hybrid) Oak	Low	Variable	Sapling		
	Balsam Fir Jack Pine Red Maple	1 1 5	Pole Pole Sapling/Pole	7 7 4	- Age	Black/Re	d (Hybrid) Oak	Low	Variable	Sapling		
	Balsam Fir Jack Pine Red Maple Pin Cherry	1 1 5 2	Pole Pole Sapling/Pole Sapling/Pole	7 7 4 4	43	Black/Re	d (Hybrid) Oak	Low	Variable	Sapling		
	Balsam Fir Jack Pine Red Maple Pin Cherry Red Pine	1 1 5 2 2	Pole Pole Sapling/Pole Sapling/Pole Pole/Log	7 7 4 4 8 5		Black/Re	d (Hybrid) Oak	Low	Variable	Sapling		



Stand	d Level 4 Co	over Type	Si	ize De	ensity	Acres	Stand Age B	A Range	Managed S	ite	General Comments
56	4199 - Other Mixed	d Upland E	Deciduous Po	letimb	er Well	25.5	45	51-80	N/A		The aspen is on a gradual upslope on the west side of the stand and the oak is concentrated on the flats by the road. In the future, it might make
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	sense to delineate the aspen out and manage it separately
	Red Pine	8	Log/Pole	13		Pin	Cherry	Low	Variable	Sapling	
Bla	ack/Red (Hybrid) Oak	40	Pole/Log	8	45	Ja	ck Pine	Low	Variable	Sapling	
	White Pine	2	Log/Pole	12		Wh	ite Pine	Low	Variable	Sapling	
	Red Maple	10	Pole/Sap/Log	5	45	Black/Red	d (Hybrid) Oak	Low	Variable	Sapling	
	Bigtooth Aspen	30	Pole/Log	8	45						
	Quaking Aspen	5	Pole/Log	8							
	Jack Pine	5	Pole/Log	8							
57	42290 - Natu	ral Mixed I	Pine Sa	wtimb	er Well	3.9	72	51-80	N/A		Upland knob surrounded by lowland. Red pine is mostly around the
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Car	nopy Species	Density	Avg. Height	Size	edges.
	Jack Pine	50	Log/Pole	10	72	Ja	ck Pine	Low	10 - 20 feet	Sapling	
Bla	ack/Red (Hybrid) Oak	1	XLog/Log/Pole	22		Re	ed Pine	Low	10 - 20 feet	Sapling	
	White Pine	4	Log/Pole	12							
	Red Pine	45	Log/Pole	12							
58	6127 - Lo	wland Pine	e Sa		er Well	7.5	88	11-140	N/A		Red pine is concentrated on the west side of the stand
58	Canopy Species	wland Pine % Cover	Size Class	DBF	I Age		88 nopy Species	11-140 Density	Avg. Height	Size	Red pine is concentrated on the west side of the stand
58				DB-		Sub-Car				Size Pole	Red pine is concentrated on the west side of the stand
58	Canopy Species	% Cover	Size Class	DBF	I Age	Sub-Car Red	nopy Species	Density	Avg. Height		Red pine is concentrated on the west side of the stand
58	Canopy Species Red Pine	% Cover 37	Size Class Log/Pole	DB-	I Age	Sub-Car Red Blac	nopy Species d Maple	Density Low	Avg. Height >20 feet	Pole	Red pine is concentrated on the west side of the stand
58	Canopy Species Red Pine Red Maple	% Cover 37 7	Size Class Log/Pole Pole	12 7	I Age	Sub-Car Red Blac Wh	nopy Species d Maple k Spruce	Density Low Low	Avg. Height >20 feet Variable	Pole Sapling	Red pine is concentrated on the west side of the stand
	Canopy Species Red Pine Red Maple Quaking Aspen	% Cover 37 7 5	Size Class Log/Pole Pole Log/Pole	12 7 12	I Age	Sub-Car Red Blac Wh	nopy Species d Maple k Spruce ite Pine	Low Low Low	Avg. Height >20 feet Variable Variable	Pole Sapling Sapling	Red pine is concentrated on the west side of the stand
	Canopy Species Red Pine Red Maple Quaking Aspen Jack Pine	% Cover 37 7 5 10	Size Class Log/Pole Pole Log/Pole Pole/Log	12 7 12 8	I Age	Sub-Car Red Blac Wh	nopy Species d Maple k Spruce ite Pine d Maple	Low Low Low Low	Avg. Height >20 feet Variable Variable >20 feet	Pole Sapling Sapling Sapling	Red pine is concentrated on the west side of the stand
	Canopy Species Red Pine Red Maple Quaking Aspen Jack Pine ack/Red (Hybrid) Oak	% Cover 37 7 5 10 3	Pole Log/Pole Pole Log/Pole Pole/Log Log/Pole	12 7 12 8 13	I Age	Sub-Car Red Blac Wh	nopy Species d Maple k Spruce ite Pine d Maple	Low Low Low Low	Avg. Height >20 feet Variable Variable >20 feet	Pole Sapling Sapling Sapling	Red pine is concentrated on the west side of the stand
Bla	Canopy Species Red Pine Red Maple Quaking Aspen Jack Pine ack/Red (Hybrid) Oak White Pine	% Cover 37 7 5 10 3 37 1	Pole Log/Pole Pole/Log Log/Pole Log/Pole Log/Pole Pole/Log Log/Pole Pole	DBH 12 7 12 8 13 13 7	I Age	Sub-Car Rei Blacc Wh Rei Black/Rei	mopy Species d Maple k Spruce ite Pine d Maple d (Hybrid) Oak	Low Low Low Low	Avg. Height >20 feet Variable Variable >20 feet	Pole Sapling Sapling Sapling	Red pine is concentrated on the west side of the stand Poor quality oak on a knob.
	Canopy Species Red Pine Red Maple Quaking Aspen Jack Pine ack/Red (Hybrid) Oak White Pine Black Spruce	% Cover 37 7 5 10 3 37 1 1 x, N. Pin C	Pole Log/Pole Pole/Log Log/Pole Log/Pole Log/Pole Pole/Log Log/Pole Pole	DBH 12 7 12 8 13 13 7 wwtimb	88 88	Sub-Car Rec Blac Wh Rec Black/Rec	mopy Species d Maple k Spruce ite Pine d Maple d (Hybrid) Oak	Density Low Low Low Low Low Low	Avg. Height >20 feet Variable Variable >20 feet Variable >20 feet Variable	Pole Sapling Sapling Sapling	
Bla	Canopy Species Red Pine Red Maple Quaking Aspen Jack Pine ack/Red (Hybrid) Oak White Pine Black Spruce	% Cover 37 7 5 10 3 37 1 1 x, N. Pin C	Pole Log/Pole Pole/Log Log/Pole Log/Pole Log/Pole Log/Pole Log/Pole Pole Pole Dak Sa Log/Pole/XLog	DBH 12 7 12 8 13 13 7 wwtimb	88 88 er Well	Sub-Car Rec Black Wh Rec Black/Rec	nopy Species d Maple k Spruce ite Pine d Maple d (Hybrid) Oak	Density Low Low Low Low Low Low And Low Low Low Low Low	Avg. Height >20 feet Variable Variable >20 feet Variable >N/A	Pole Sapling Sapling Sapling Sapling	
Bla 59	Canopy Species Red Pine Red Maple Quaking Aspen Jack Pine ack/Red (Hybrid) Oak White Pine Black Spruce 4125 - Black Canopy Species	% Cover	Pole Log/Pole Pole/Log Log/Pole Pole/Log Log/Pole Log/Pole Log/Pole Pole Pole Dak Sactions Size Class	DBH 12 7 12 8 13 13 7 wtimb	88 88 er Well	Sub-Car Rei Black Wh Rei Black/Rei 5.7 Sub-Car Black/Rei	nopy Species d Maple k Spruce iite Pine d Maple d (Hybrid) Oak	Density Low Low Low Low Low Dow Low Dow Low Dow	Avg. Height >20 feet Variable Variable >20 feet Variable >20 feet Variable	Pole Sapling Sapling Sapling Sapling Sapling	
Bla 59	Canopy Species Red Pine Red Maple Quaking Aspen Jack Pine ack/Red (Hybrid) Oak White Pine Black Spruce 4125 - Black Canopy Species White Oak	% Cover 37	Pole Log/Pole Pole/Log Log/Pole Log/Pole Log/Pole Log/Pole Log/Pole Pole Pole Dak Sa Log/Pole/XLog	DBH 12 7 12 8 13 13 7 wtimb	88 88 er Well	Sub-Car Rei Black Wh Rei Black/Rei 5.7 Sub-Car Black/Rei	nopy Species d Maple k Spruce ite Pine d Maple d (Hybrid) Oak 86 nopy Species d (Hybrid) Oak	Density Low Low Low Low Low Density 81-110 Density Low	Avg. Height >20 feet Variable Variable >20 feet Variable >20 feet Variable N/A Avg. Height Variable	Pole Sapling Sapling Sapling Sapling Sapling	
Bla 59	Canopy Species Red Pine Red Maple Quaking Aspen Jack Pine ack/Red (Hybrid) Oak White Pine Black Spruce 4125 - Black Canopy Species White Oak ack/Red (Hybrid) Oak	% Cover 37	Pole Log/Pole Pole Log/Pole Pole/Log Log/Pole Log/Pole Pole Pole Dak Size Class Log/Pole/XLog Log/XLog/Pole	DBH 12 7 12 8 13 13 7 wwtimb DBH 11 14	88 88 er Well	Sub-Car Rei Black Wh Rei Black/Rei 5.7 Sub-Car Black/Rei	nopy Species d Maple k Spruce ite Pine d Maple d (Hybrid) Oak 86 nopy Species d (Hybrid) Oak	Density Low Low Low Low Low Density 81-110 Density Low	Avg. Height >20 feet Variable Variable >20 feet Variable >20 feet Variable N/A Avg. Height Variable	Pole Sapling Sapling Sapling Sapling Sapling	
Bla 59	Canopy Species Red Pine Red Maple Quaking Aspen Jack Pine ack/Red (Hybrid) Oak White Pine Black Spruce 4125 - Black Canopy Species White Oak ack/Red (Hybrid) Oak Jack Pine	% Cover 37	Pole Log/Pole Pole Log/Pole Log/Pole Log/Pole Pole Log/Pole Log/Pole Log/Pole Pole Pole Pole Pole Pole Pole Pole	DBH 12 7 12 8 13 13 7 wwtimb DBH 11 14 7	88 88 er Well	Sub-Car Rei Black Wh Rei Black/Rei 5.7 Sub-Car Black/Rei	nopy Species d Maple k Spruce ite Pine d Maple d (Hybrid) Oak 86 nopy Species d (Hybrid) Oak	Density Low Low Low Low Low Density 81-110 Density Low	Avg. Height >20 feet Variable Variable >20 feet Variable >20 feet Variable N/A Avg. Height Variable	Pole Sapling Sapling Sapling Sapling Sapling	
Bla 59	Canopy Species Red Pine Red Maple Quaking Aspen Jack Pine ack/Red (Hybrid) Oak White Pine Black Spruce 4125 - Black Canopy Species White Oak ack/Red (Hybrid) Oak Jack Pine Bigtooth Aspen Red Maple	% Cover	Pole Log/Pole Pole Log/Pole Pole Log/Pole Pole Log/Pole Pole Log/Pole Pole Pole Pole Pole Pole Pole Pole	DBH 12 7 12 8 13 13 7	88 88 er Well	Sub-Car Rec Black Wh Rec Black/Rec 5.7 Sub-Car Black/Rec	nopy Species d Maple k Spruce ite Pine d Maple d (Hybrid) Oak 86 nopy Species d (Hybrid) Oak	Density Low Low Low Low Low Density 81-110 Density Low	Avg. Height >20 feet Variable Variable >20 feet Variable >20 feet Variable N/A Avg. Height Variable	Pole Sapling Sapling Sapling Sapling Sapling	Poor quality oak on a knob. Cut winter 1991, planted spring 1992. Trace amounts of oak and cherry
59 Bla	Canopy Species Red Pine Red Maple Quaking Aspen Jack Pine ack/Red (Hybrid) Oak White Pine Black Spruce 4125 - Black Canopy Species White Oak ack/Red (Hybrid) Oak Jack Pine Bigtooth Aspen Red Maple	% Cover 37	Pole Log/Pole Pole Log/Pole Pole Log/Pole Pole Log/Pole Pole Log/Pole Pole Pole Pole Pole Pole Pole Pole	DBH- 12 7 12 8 13 13 7 wwtimb DBH- 11 14 7 10 8	er Well 88	Sub-Car Rei Black Wh Rei Black/Rei 5.7 Sub-Car Black/Rei Wh	nopy Species d Maple k Spruce ite Pine d Maple d (Hybrid) Oak 86 nopy Species d (Hybrid) Oak ite Pine	Density Low	Avg. Height >20 feet Variable Variable >20 feet Variable >20 feet Variable N/A Avg. Height Variable Variable	Pole Sapling Sapling Sapling Sapling Sapling	
59 Bla	Canopy Species Red Pine Red Maple Quaking Aspen Jack Pine ack/Red (Hybrid) Oak White Pine Black Spruce 4125 - Black Canopy Species White Oak ack/Red (Hybrid) Oak Jack Pine Bigtooth Aspen Red Maple 42120 - Plan	% Cover 37	Pole Log/Pole Pole/Log Log/Pole Pole/Log Log/Pole Pole Pole Pole Pole Pole Pole Pole	DBH- 12 7 12 8 13 13 7 wwtimb DBH- 11 14 7 10 8	er Well	Sub-Car Rei Blacc Wh Rei Black/Rei 5.7 Sub-Car Black/Rei Wh	nopy Species d Maple k Spruce ite Pine d Maple d (Hybrid) Oak 86 nopy Species d (Hybrid) Oak ite Pine	Density Low Low Low Low Low Low Low Low 1-50	Avg. Height >20 feet Variable Variable >20 feet Variable >20 feet Variable N/A Avg. Height Variable Variable	Pole Sapling Sapling Sapling Sapling Sapling Sapling Size Sapling Sapling	Poor quality oak on a knob. Cut winter 1991, planted spring 1992. Trace amounts of oak and cherry



Stanc	Level 4 Co	over Type		Size De	ensity	Acres	Stand Age E	A Range	Managed S	ite	General Comments
61	42120 - Plan	ited Jack F	Pine	Saplin	g Well	11.2	16	Immature	N/A		Cut 2004, trenched 2006, planted May 2007. Part of a larger stand in the
	Canopy Species	% Cover	Size Class	DBH	I Age						adjacent compartment to the west.
Bla	ck/Red (Hybrid) Oak	5	Sapling	3							
	Pin Cherry	5	Sapling	2							
	Jack Pine	90	Sapling	3	16						
62	42120 - Plan	ited Jack F	Pine	Saplin	g Well	62.4	18	Immature	N/A		Cut 2002. Trenched 2004, planted 2005.
	Canopy Species	% Cover	Size Class	DBH	I Age						
Bla	ck/Red (Hybrid) Oak	1	Sapling	2							
	Pin Cherry	5	Sapling	2							
	Quaking Aspen	5	Sapling	3							
	Jack Pine	89	Sapling	3	18						
65	42120 - Plan	ited Jack F	Pine F	Poletimb	er Wel	l 36.2	37	1-50	N/A		Cut 1984. Planted 1986 in areas where natural regen did not take. West half has the aspen and oak in it.
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Car	nopy Species	Density	Avg. Height	Size	naii nas the aspen and oak in it.
	Quaking Aspen	10	Pole/Sapling	9 6	39	Black/Red	d (Hybrid) Oak	Low	Variable	Sapling	
	Red Pine	1	Log/XLog	16		Pin	Cherry	Low	Variable	Sapling	
	White Pine	1	Log/XLog	16							
	Jack Pine	83	Pole/Sap/Log	g 6	37						
Bla	ck/Red (Hybrid) Oak	5	Log/Pole	13							
66	4130	- Aspen	F	Poletimb	er Wel	l 4.6	43	51-80	N/A		
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
	Red Pine	3	Pole/Log	9		Pin	Cherry	Low	Variable	Sapling	
	White Pine	5	Pole/Log	9		Wh	ite Pine	Low	Variable	Sapling	
	Quaking Aspen	78	Pole/Sapling	9 6	43	Black/Red	d (Hybrid) Oak	Medium	Variable	Sapling	
	Jack Pine	10	Pole	6							•
Bla	ck/Red (Hybrid) Oak	2	Pole/Sapling	9 6							
	Pin Cherry	2	Sapling/Pole	9 4							
67	42120 - Plan	ited Jack F	Pine F	Poletimb	er Wel	l 8.4	37	51-80	N/A		Planted areas that did not come back naturally.
	Canopy Species	% Cover	Size Class		I Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
	Red Pine	1	Log	14		Wh	ite Pine	Low	Variable	Sapling	
	TOO THIC		-		1						1
	Quaking Aspen	1	Pole	7		Pin	Cherry	Low	5 - 10 feet	Sapling	
		1 96	Pole Pole/Log		37		Cherry d (Hybrid) Oak		5 - 10 feet Variable	Sapling Sapling	
	Quaking Aspen			7	37						



Stand	Level 4 Co	over Type	S	ize De	ensity	Acres	Stand Age E	BA Range	Managed S	ite	General Comments	MICHIGAN .
68	4130 -	- Aspen	Po	oletimb	er Well	4.6	43	51-80	N/A		Most of the jackpine is in the eastern quarter of the stand.	
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size		
Blac	k/Red (Hybrid) Oak	1	Pole	9		W	hite Pine	Low	Variable	Sapling		
	Red Pine	5	Log/Pole	12		Black/Re	d (Hybrid) Oak	Medium	Variable	Sapling		
	Jack Pine	13	Pole/Log	8								
	Quaking Aspen	80	Pole/Log/Sap	7	43							
	White Pine	1	Pole	8								
69	42120 - Plan	nted Jack F	Pine Po	oletimb	er Well	10.3	37	51-80	N/A		Cut 1984. Planted 1986 where natural regen didn't take.	
	Canopy Species	% Cover	Size Class	DBH	I Age							
	Jack Pine	84	Pole/Sapling	7	37							
	Quaking Aspen	2	Pole/Sapling	5								
	Pin Cherry	5	Sapling/Pole	3								
Blac	k/Red (Hybrid) Oak	2	Sapling/Pole	3								
	Red Pine	5	Log/Pole/XLog	14								
	White Pine	2	Log/XLog/Pole	14								
70	42220 - Natu				r Mediu		58	51-80	N/A			
	Canopy Species	% Cover	Size Class		I Age		nopy Species		Avg. Height	Size		
	White Pine	5	Log/Pole	12			hite Pine	Low	Variable	Sapling		
	Quaking Aspen	1	Pole	6		Black/Re	d (Hybrid) Oak	Low	Variable	Sapling		
	Jack Pine	94	Pole/Log	8	58							
71	4130 -	- Aspen	Po	oletimb	er Well	3.9	43	1-50	N/A			
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size		
Blac	k/Red (Hybrid) Oak	2	Log/Pole	13		W	hite Pine	Medium	Variable	Sapling		
	Red Pine	1	Log	14		Black/Re	d (Hybrid) Oak	Low	Variable	Sapling		
	White Pine	3	Log/Pole	12							•	
	Bigtooth Aspen	76	Pole	8	43							
	Jack Pine	3	Log/Pole	10								
	Quaking Aspen	15	Pole	7	43							
72	4130 -	- Aspen	;	Saplin	g Well	12.5	29	Immature	N/A		Cut 1994	
	Canopy Species	% Cover	Size Class	DBH	l Age							
	Pin Cherry	5	Sapling	3								
Blac	k/Red (Hybrid) Oak	3	Sapling/Pole	3								
	Jack Pine	10	Sapling/Pole	4								
	White Pine	5	Pole/Sap/Log	6								

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Report 7 - Stands



Stanc	d Level 4 Co	over Type	8	Size De	nsity	Acres	Stand Age B	A Range	Managed S	ite	General Comments
73	6122 - Bl	ack Spruce	P	oletimb	er Well	9.6	90	81-110	N/A		
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
Bla	ack/Red (Hybrid) Oak	2	Pole/Log	9		Re	ed Maple	Low	Variable	Sapling	
	Tamarack	2	Log/Pole	10		Blac	ck Spruce	Low	Variable	Sapling	
	Quaking Aspen	2	Pole/Log	8		WI	hite Pine	Low	Variable	Sapling	
	Red Maple	14	Pole/Log	9		Ва	ılsam Fir	Low	Variable	Sapling	
	White Pine	2	Pole/Log	8							
No	orthern White Cedar	1	Pole/Log	8							
	Black Spruce	69	Pole/Log	9	90						
	Red Pine	2	Log/XLog	15							
	Balsam Fir	5	Pole/Sap/Log	7							
	Jack Pine	1	Pole/Log	8							
	6229 - Mixed	l lowland sh	nrub	Nonsto	ocked	107.4			No		
75											
75 76	613 - Lowlan	d Mixed Fo	rest Sav	wtimbeı	· Medium	n 3.3	100	111-140	N/A		
	42110 - Pla	nted Red P	ine S	awtimb	er Well	3.4	68	201+	N/A		RED PINE STAND WITH VERY HIGH WATER TABLE. MIDDLE OF THE STAND HAS STUNTED GROWTH RECAUSE OF THE HIGH
76	42110 - Plai Canopy Species	nted Red P	ine S	awtimb DB H	er Well	3.4 Sub-Ca	68 nopy Species	201+ Density	N/A Avg. Height	Size	RED PINE STAND WITH VERY HIGH WATER TABLE. MIDDLE OF THE STAND HAS STUNTED GROWTH BECAUSE OF THE HIGH WATER TABLE.
76	42110 - Pla	nted Red P	ine S	awtimb	er Well	3.4 Sub-Ca	68 nopy Species	201+ Density Low	N/A Avg. Height Variable	Sapling	THE STAND HAS STUNTED GROWTH BECAUSE OF THE HIGH
76	42110 - Plai Canopy Species	nted Red P	ine S	awtimb DB H	er Well	3.4 Sub-Ca Ba Blace	68 nopy Species llsam Fir ck Spruce	201+ Density Low Low	N/A Avg. Height Variable Variable	Sapling Sapling	THE STAND HAS STUNTED GROWTH BECAUSE OF THE HIGH
76	42110 - Plai Canopy Species	nted Red P	ine S	awtimb DB H	er Well	3.4 Sub-Ca Ba Blace	68 nopy Species	201+ Density Low	N/A Avg. Height Variable	Sapling	THE STAND HAS STUNTED GROWTH BECAUSE OF THE HIGH
76	42110 - Plan Canopy Species Red Pine 4319 - Mixed	nted Red P % Cover 100 Upland Fo	Size Class Log/Pole	awtimb DBH 12	er Well 68 68	3.4 Sub-Ca Ba Blace	68 nopy Species llsam Fir ck Spruce	201+ Density Low Low	N/A Avg. Height Variable Variable	Sapling Sapling	THE STAND HAS STUNTED GROWTH BECAUSE OF THE HIGH
76	42110 - Plan Canopy Species Red Pine 4319 - Mixed Canopy Species	nted Red P % Cover 100 Upland Fo % Cover	size Class Log/Pole rest Policy Size Class	awtimb DBH 12 oletimb	er Well I Age 68	3.4 Sub-Ca Ba Blac	68 nopy Species alsam Fir ck Spruce ed Maple	201+ Density Low Low Medium	N/A Avg. Height Variable Variable >20 feet	Sapling Sapling	THE STAND HAS STUNTED GROWTH BECAUSE OF THE HIGH
76	42110 - Plan Canopy Species Red Pine 4319 - Mixed Canopy Species Balsam Fir	nted Red P **Cover* 100 Upland Fo **Cover* 45	ine Size Class Log/Pole rest Pole Size Class Pole	awtimb DBH 12 oletimb DBH	er Well Age 68 er Well Age	3.4 Sub-Ca Ba Blac	68 nopy Species alsam Fir ck Spruce ed Maple	201+ Density Low Low Medium	N/A Avg. Height Variable Variable >20 feet	Sapling Sapling	THE STAND HAS STUNTED GROWTH BECAUSE OF THE HIGH
76	42110 - Plan Canopy Species Red Pine 4319 - Mixed Canopy Species Balsam Fir Quaking Aspen	nted Red P % Cover 100 Upland Fo % Cover 45 50	ine Size Class Log/Pole rest Pole Size Class Pole Pole/Log	awtimb DBH 12 Oletimb DBH 7	er Well 68 68	3.4 Sub-Ca Ba Blac	68 nopy Species alsam Fir ck Spruce ed Maple	201+ Density Low Low Medium	N/A Avg. Height Variable Variable >20 feet	Sapling Sapling	THE STAND HAS STUNTED GROWTH BECAUSE OF THE HIGH
76	42110 - Plan Canopy Species Red Pine 4319 - Mixed Canopy Species Balsam Fir	nted Red P **Cover* 100 Upland Fo **Cover* 45	ine Size Class Log/Pole rest Pole Size Class Pole	awtimb DBH 12 oletimb DBH	er Well Age 68 er Well Age	3.4 Sub-Ca Ba Blac Re	68 nopy Species alsam Fir ck Spruce ed Maple	201+ Density Low Low Medium	N/A Avg. Height Variable Variable >20 feet	Sapling Sapling	THE STAND HAS STUNTED GROWTH BECAUSE OF THE HIGH
76	42110 - Plan Canopy Species Red Pine 4319 - Mixed Canopy Species Balsam Fir Quaking Aspen Red Maple	Modern Mo	rest Pole Size Class Pole Pole/Log Pole/Log	awtimb DBH 12 oletimb 7 8 8	er Well Age 68 er Well Age 60 er Well	3.4 Sub-Ca Ba Blac Re 2.9	68 nopy Species Ilsam Fir ck Spruce ed Maple 60	201+ Density Low Low Medium 51-80	N/A Avg. Height Variable Variable >20 feet	Sapling Sapling	THE STAND HAS STUNTED GROWTH BECAUSE OF THE HIGH
76 77 78	42110 - Plan Canopy Species Red Pine 4319 - Mixed Canopy Species Balsam Fir Quaking Aspen Red Maple 4130 Canopy Species	Modern Mo	ine Size Class Log/Pole rest Pole Size Class Pole Pole/Log Pole/Log	awtimb DBH 12 oletimb DBH 7 8 8 oletimb DBH	er Well Age 68 er Well Age 60	3.4 Sub-Ca Ba Blac Re 2.9	68 nopy Species alsam Fir ck Spruce ed Maple 60 42 nopy Species	201+ Density Low Low Medium 51-80	N/A Avg. Height Variable Variable >20 feet N/A N/A Avg. Height	Sapling Sapling Sapling	THE STAND HAS STUNTED GROWTH BECAUSE OF THE HIGH WATER TABLE.
76 77 78	42110 - Plan Canopy Species Red Pine 4319 - Mixed Canopy Species Balsam Fir Quaking Aspen Red Maple 4130 Canopy Species Balsam Fir	Modern Mo	rest Pole Size Class Pole Pole/Log Pole/Log	awtimb DBH 7 8 8 Oletimb DBH 7 7 7 8 8 7 0letimb	er Well Age 68 er Well Age 60 er Well	3.4 Sub-Ca Ba Blac Re 2.9 12.5 Sub-Ca	68 nopy Species alsam Fir ck Spruce ed Maple 60 42 nopy Species ag Alder	201+ Density Low Low Medium 51-80 Density Low	N/A Avg. Height Variable Variable >20 feet N/A	Sapling Sapling Sapling Sapling	THE STAND HAS STUNTED GROWTH BECAUSE OF THE HIGH WATER TABLE.
76 77 78	42110 - Plan Canopy Species Red Pine 4319 - Mixed Canopy Species Balsam Fir Quaking Aspen Red Maple 4130 Canopy Species	Noted Red P Cover 100 Upland Fo Cover 45 50 5 Aspen Cover	rest Pole Size Class Log/Pole rest Pole Size Class Pole Pole/Log Pole/Log Pole/Log	awtimb DBH 12 oletimb DBH 7 8 8 oletimb DBH	er Well Age 68 er Well Age 60 er Well	3.4 Sub-Ca Ba Blac Re 2.9 12.5 Sub-Ca	68 nopy Species alsam Fir ck Spruce ed Maple 60 42 nopy Species	201+ Density Low Low Medium 51-80 Density	N/A Avg. Height Variable Variable >20 feet N/A N/A Avg. Height	Sapling Sapling Sapling	THE STAND HAS STUNTED GROWTH BECAUSE OF THE HIGH WATER TABLE.



Stand	Level 4 Co	ver Type	;	Size De	nsity	Acres	Stand Age	BA Range	Managed S	ite		General Comments	MICHIGAN .
80	4130 -	Aspen		Sapling	Well	2.3	18	Immature	N/A		Cut November 2004.		
(Canopy Species	% Cover	Size Class	DBH	Age								
Black	k/Red (Hybrid) Oak	5	Sapling	2									
	Jack Pine	10	Sapling	3									
	Balsam Fir	2	Sapling	3									
C	Quaking Aspen	8	Sapling	2									
	Pin Cherry	5	Sapling	2									
Е	Bigtooth Aspen	70	Sapling	2	18								
81	612 - Lowland C			Poletimb			112	81-110	N/A				
82	4319 - Mixed	Upland Fo	rest	Sapling	y Well	16.6	28	Immature	N/A				
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Specie	es Density	Avg. Height	Size			
	Jack Pine	1	Pole/Sapling	5			hite Pine	Low	Variable	Sapling			
	Black Spruce	5	Sapling/Pole	4			n Cherry	Low	Variable	Sapling			
	Balsam Fir	44	Pole/Sapling			Bla	ck Spruce	Low	Variable	Sapling			
	Red Maple	5	Sapling/Pole	4									
Black	k/Red (Hybrid) Oak	1	Pole/Log/Sap	7									
	Quaking Aspen	44	Sapling/Pole	4	28								
83	6112 - Low	land Aspe	n P	Poletimb	er Well	T.3	45	1-50	N/A				
(Canopy Species	% Cover	Size Class	DBH	Age								
	Quaking Aspen	62	Pole/Sapling	5	45								
	Black Spruce	10	Pole/Sap/Log	7									
	Red Maple	15	Sapling/Pole	3									
Nort	hern White Cedar	3	Log/Pole	10									
	Balsam Fir	10	Sapling/Pole	4									
85	4319 - Mixed			Sapling		3.4	18	Immature	N/A		Cut November 2004.		
	Canopy Species		Size Class		Age								
C	Quaking Aspen	25	Sapling	2	18								
	Balsam Fir	5	Pole/Sapling	6									
	Pin Cherry	10	Sapling	2	18								
Black	k/Red (Hybrid) Oak	1	Sapling	2									
	Jack Pine	44	Sapling	2	18								
	Red Maple	15	Sapling	3									



Stand	Level 4 Co	ver Type	,	Size De		Acres	Stand Age B	A Kange	Managed S	Site	General Comments
92	4130 -	Aspen		Sapling	g Well	12.8	13 I	Immature	N/A		
Canop	y Species	% Cover	Size Class	DBH	l Age						
Red	Pine	1	Log/Pole	10							
White	e Pine	5	Log	14							
Quaking	g Aspen	76	Sapling	2	13						
Pin C	Cherry	10	Sapling	2							
Black/Red ((Hybrid) Oak	5	Log/XLog	14							
Jack	Pine	3	Sapling	2							
93 6119 -	· Mixed Lowlar	nd Decidu	ous Forest P	oletimb	er We	ll 29.3	59	51-80	N/A		Mix of red maple and aspen. A majority of the stand is wet and many
Canop	y Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	areas have tag alder md marsh grasses in the understory.
Red N	Maple	55	Pole/Log	9	59	Re	ed Maple	Low	Variable	Sapling	
Black/Red ((Hybrid) Oak	5	Log/Pole	10		Pii	n Cherry	Low	Variable	Sapling	
Ouaking	g Aspen	35	Pole/Log	8	59	Ta	ag Alder	Medium	10 - 20 feet	Tall Shrub	
Quanific				_				'			•
`	r Birch	2	Pole	6							
Paper	r Birch e Pine	2	Pole Log/Pole	10							
Paper White Balsa		1 2	Log/Pole Pole		ocked	55.7			No		
Paper White Balsa	e Pine am Fir	1 2 -forested v	Log/Pole Pole vetland	10 6 Nonsta	er We	II 46.3	58	51-80	N/A		
Paper White Balsa 94 629	e Pine am Fir 9 - Mixed non- 6112 - Low by Species	1 2 -forested v	Log/Pole Pole vetland	10 6 Nonsta		ll 46.3 Sub-Ca	nopy Species		N/A Avg. Height	Size	Quaking aspen stand mixed with balsam fir and red maple. Some smapatches of cedar. Stand slopes down to the river. Stand is approximately half lowland and half upland with about 1/3 to 1/2 bring
Paper White Balsa 94 629 Canop Northern W	e Pine am Fir 9 - Mixed non- 6112 - Low by Species White Cedar	1 2 -forested v	Log/Pole Pole vetland Pn P	10 6 Nonsta	er We	46.3 Sub-Ca	nopy Species ed Maple		N/A	Sapling	patches of cedar. Stand slopes down to the river. Stand is approximately half lowland and half upland with about 1/3 to 1/2 bring inoperable depending on the year.
Paper White Balsa 94 629 Canop Northern W	e Pine am Fir 9 - Mixed non- 6112 - Low by Species	1 2 forested voland Aspe	Log/Pole Pole vetland en P Size Class	10 6 Nonsta	er We	46.3 Sub-Ca	nopy Species	Density	N/A Avg. Height		patches of cedar. Stand slopes down to the river. Stand is approximately half lowland and half upland with about 1/3 to 1/2 bring inoperable depending on the year.
Paper White Balsa 94 629 95 Canop Northern W Black/Red (e Pine am Fir 9 - Mixed non- 6112 - Low by Species White Cedar	1 2 sland Aspe	Log/Pole Pole vetland en P Size Class Log/Pole	10 6 Nonsto	er We	Sub-Ca	nopy Species ed Maple	Density Medium	N/A Avg. Height 10 - 20 feet	Sapling	approximately half lowland and half upland with about 1/3 to 1/2 bring inoperable depending on the year.
Paper White Balsa 94 629 95 Canop Northern W Black/Red (I	e Pine am Fir 9 - Mixed non- 6112 - Low by Species White Cedar (Hybrid) Oak	forested voland Aspe	Log/Pole Pole vetland en P Size Class Log/Pole Pole/Log	10 6 Nonsto Poletimb 12 8 8	er We	Sub-Ca	nopy Species ed Maple ag Alder	Density Medium Low	N/A Avg. Height 10 - 20 feet 5 - 10 feet	Sapling Tall Shrub	patches of cedar. Stand slopes down to the river. Stand is approximately half lowland and half upland with about 1/3 to 1/2 bring inoperable depending on the year.
Paper White Balsa 94 629 95 Canop Northern W Black/Red (I Jack Quaking	e Pine am Fir 9 - Mixed non- 6112 - Low by Species White Cedar (Hybrid) Oak E Pine	forested volume Aspe	vetland Pole Size Class Log/Pole Pole/Log Pole/Log	10 6 Nonsto Poletimb 12 8 8	er Wel	Sub-Ca	nopy Species ed Maple ag Alder	Density Medium Low	N/A Avg. Height 10 - 20 feet 5 - 10 feet	Sapling Tall Shrub	patches of cedar. Stand slopes down to the river. Stand is approximately half lowland and half upland with about 1/3 to 1/2 bring inoperable depending on the year.
Paper White Balsa 94 629 95 Canop: Northern W Black/Red (I Jack Quaking Balsa	e Pine am Fir 9 - Mixed non- 6112 - Low by Species White Cedar (Hybrid) Oak t Pine g Aspen	1 2 Indicate of the second sec	vetland Size Class Log/Pole Pole/Log Pole/Log Pole/Log/Sap	10 6 Nonsto Poletimb 12 8 8 8 7 6 6	er Wel	Sub-Ca	nopy Species ed Maple ag Alder	Density Medium Low	N/A Avg. Height 10 - 20 feet 5 - 10 feet	Sapling Tall Shrub	patches of cedar. Stand slopes down to the river. Stand is approximately half lowland and half upland with about 1/3 to 1/2 bring inoperable depending on the year.
Paper White Balsa 94 629 95 Canop Northern W Black/Red (I Jack Quaking Balsa Red M	e Pine am Fir 9 - Mixed non- 6112 - Low by Species White Cedar (Hybrid) Oak Fine g Aspen am Fir Maple	forested vertical distribution of the second	Log/Pole Pole vetland n P Size Class Log/Pole Pole/Log Pole/Log Pole/Log/Sap Pole Pole/Log/Sap Pole Pole/Log/Sap	10 6 Nonsto Poletimb 12 8 8 7 6 7 6 7 Poletimb	per Wel	Sub-Ca	nopy Species ed Maple ag Alder	Density Medium Low	N/A Avg. Height 10 - 20 feet 5 - 10 feet	Sapling Tall Shrub	patches of cedar. Stand slopes down to the river. Stand is approximately half lowland and half upland with about 1/3 to 1/2 bring inoperable depending on the year.
Paper White Balsa 94 629 95 Canop Northern W Black/Red (I Jack Quaking Balsa Red N	e Pine am Fir 9 - Mixed non- 6112 - Low by Species White Cedar (Hybrid) Oak Fine g Aspen am Fir Maple	forested vertical distribution of the second	Log/Pole Pole vetland en P Size Class Log/Pole Pole/Log Pole/Log Pole/Log/Sap Pole Pole/Log/Sap Pole Pole/Log/Sap	10 6 Nonsto Poletimb 12 8 8 7 6 7 6 7 Poletimb	er Wel	46.3 Sub-Ca Re Ta Ba	nopy Species ad Maple ag Alder alsam Fir	Density Medium Low Medium 81-110	N/A Avg. Height 10 - 20 feet 5 - 10 feet Variable	Sapling Tall Shrub Sapling Size	patches of cedar. Stand slopes down to the river. Stand is approximately half lowland and half upland with about 1/3 to 1/2 bring inoperable depending on the year.
Paper White Balsa 94 629 95 Canop Northern W Black/Red (I Jack Quaking Balsa Red M 96 6126	e Pine am Fir 9 - Mixed non- 6112 - Low by Species White Cedar (Hybrid) Oak Fine g Aspen am Fir Maple 28 - Lowland C Decid	forested vertical distribution of the second	Log/Pole Pole vetland n P Size Class Log/Pole Pole/Log Pole/Log Pole/Log/Sap Pole Pole/Log/Sap Pole Pole/Log/Sap	10 6 Nonsto Poletimb 12 8 8 7 6 7 6 7 Poletimb	per Wel	46.3 Sub-Ca Re Ta Ba	nopy Species ad Maple ag Alder alsam Fir	Density Medium Low Medium 81-110	N/A Avg. Height 10 - 20 feet 5 - 10 feet Variable	Sapling Tall Shrub Sapling	patches of cedar. Stand slopes down to the river. Stand is approximately half lowland and half upland with about 1/3 to 1/2 bring inoperable depending on the year.
Paper White Balsa 94 629 95 Canop Northern W Black/Red (I Jack Quaking Balsa Red M 96 6126 Canop Black S	e Pine am Fir 9 - Mixed non- 6112 - Low by Species White Cedar (Hybrid) Oak Pine g Aspen am Fir Maple 28 - Lowland C Decic	forested volume for steel volume for ste	Log/Pole Pole vetland en P Size Class Log/Pole Pole/Log Pole/Log Pole/Log/Sap Pole Pole/Log/Sap Pole Pole/Log/Sap Size Class	10 6 Nonsta Poletimb 12 8 8 7 6 7 6 7 Poletimb DBH	per Wel	46.3 Sub-Ca Re Ta Ba	nopy Species ad Maple ag Alder alsam Fir 113 nopy Species	Density Medium Low Medium 81-110 Density	N/A Avg. Height 10 - 20 feet 5 - 10 feet Variable N/A Avg. Height	Sapling Tall Shrub Sapling Size	patches of cedar. Stand slopes down to the river. Stand is approximately half lowland and half upland with about 1/3 to 1/2 bring inoperable depending on the year.
Paper White Balsa 94 629 95 Canop Northern W Black/Red (I Jack Quaking Balsa Red N 96 6126 Canop Black S Northern W	e Pine am Fir 9 - Mixed non- 6112 - Low by Species White Cedar (Hybrid) Oak E Pine g Aspen am Fir Maple 28 - Lowland C Decid by Species Spruce	forested volume for steel volume for ste	Log/Pole Pole vetland en P Size Class Log/Pole Pole/Log Pole/Log Pole/Log/Sap Pole Pole/Log/Sap Pole Size Class Pole	10 6 Nonsto Poletimb 12 8 8 7 6 7 6 7 Poletimb DBH 7	58 58 Der Wel	46.3 Sub-Ca Re Ta Ba	nopy Species and Maple and Alder allsam Fir 113 nopy Species allsam Fir	Density Medium Low Medium 81-110 Density High	N/A Avg. Height 10 - 20 feet 5 - 10 feet Variable N/A Avg. Height Variable	Sapling Tall Shrub Sapling Size Sapling	patches of cedar. Stand slopes down to the river. Stand is approximately half lowland and half upland with about 1/3 to 1/2 bring inoperable depending on the year.



Stand	Level 4 Co	evel 4 Cover Type Size Density Acres Stand Age BA Range Managed Site		ite	General Comments						
99	4131 - A	spen, Oak		Sapling	Well	12.6	34 I	mmature	N/A		Low quality aspen/oak stand. More oak and cherry on the west side.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Pin Cherry	20	Sapling/Pole	3		Pir	Cherry	Medium	5 - 10 feet	Sapling	
Blac	k/Red (Hybrid) Oak	20	Sapling/Pole	4		Wh	ite Pine	Low	Variable	Sapling	
	Quaking Aspen	46	Sapling/Pole	4	34						
	White Pine	7	Pole/Log/Sap	8							
	Jack Pine	7	Pole/Sapling	5							
100	4130	- Aspen	F	oletimb	er Well	11.5	34	51-80	N/A		Poor quality quaking aspen.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Cai	nopy Species	Density	Avg. Height	Size	
	Quaking Aspen	98	Pole/Sapling	6	34		d (Hybrid) Oak	Low	Variable	Sapling	
	White Pine	1	Pole	6			Cherry	Low	5 - 10 feet	Sapling	
	Balsam Fir	1	Pole	6			lsam Fir	Medium	Variable	Sapling	
						Ва	lsam Fir	Low	>20 feet	Pole	
						Wh	ite Pine	Low	Variable	Sapling	
101	4130	- Aspen		Sapling	Well	7.8	13 I	mmature	N/A		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
	Quaking Aspen	98	Sapling	2	13	Pir	Cherry	Medium	5 - 10 feet	Sapling	
	Red Pine	1	Log	12		Wh	nite Pine	Low	Variable	Sapling	
	White Pine	1	Pole/Log/Sap	6		Ва	Isam Fir	Low	Variable	Sapling	
102	6129 - Mixed Conife	erous Lowl	and Forest F	oletimb	er Well	9.8	113	51-80	N/A		
103	629 - Mixed non	ı-forested v	vetland	Nonsto	cked	11.9			No		
104	4191 - Mixed Upla Co	and Decidu nifer	ous with F	oletimb	er Well	8.4	63	81-110	N/A		Small aspen stand that wraps around an oil well. Multiple above ground oil lines present. Seasonally wet amd some areas look to be inoperable.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
Blac	k/Red (Hybrid) Oak	10	Log/Pole	12		Ва	Isam Fir	Medium	Variable	Sapling	
	Paper Birch	5	Pole/Log	8				1			
	Quaking Aspen	35	Pole	7	63						
	Balsam Fir	20	Pole	7							
	Red Maple	30	Pole/Log	8							
105	6224 - T	reed Bog		Nonsto	cked	3.9			No		



Stand	Level 4 Co	over Type		Size Density	Acres	Acres Stand Age BA Range		Managed S	Site	General Comments
106	42220 - Natural Jack Pine			Sawtimber Well	3.7	83		N/A		High water table jack pine with red maple. Seasonally wet.
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Pine	5	Log/Pole	13	Ва	alsam Fir	Low	Variable	Sapling	
	Jack Pine	75	Log/Pole	10 83	W	hite Pine	Low	Variable	Sapling	
	Red Maple	15	Pole	6	Re	ed Maple	Medium	10 - 20 feet	Sapling	
Blac	ck/Red (Hybrid) Oak	5	Pole/Log	8			·			
80	4130	- Aspen		Sapling Medium	44.9	4	mmature	N/A		
	Canopy Species		Size Class	DBH Age						
	Pin Cherry	5	Sapling	1 4						
	Balsam Poplar	5	Sapling	1 4						
	Red Maple	5	Sapling	1						
	Quaking Aspen	85	Sapling	1 4						
09	42210 - Nat	ural Red P	ine	Sawtimber Well	5.8	113	111-140	N/A		Very small leatherleaf depression in the northern part of the stand.
	Canopy Species		Size Class	DBH Age		nopy Species	Density	Avg. Height	Size	
	Red Pine	95	Log	14 113		alsam Fir	Low	Variable	Sapling	
	Red Maple	5	Pole	8		ed Maple	Low	>20 feet	Sapling	
						ed (Hybrid) Oak	Low	Variable	Sapling	
					W	hite Pine	Low	Variable	Tall Shrub	
110	6225	5 - Bog		Nonstocked	3.5	0		No		
11	4130	- Aspen		Sapling Well	2.1	13	mmature	N/A		Small stand of quaking aspen saplings with mature oak and pine.
	Canopy Species	% Cover	Size Class	DBH Age						Possible timber trespass.
	Quaking Aspen	80	Sapling	2 13						
	Red Pine	10	Log/Pole	10						
Blac	ck/Red (Hybrid) Oak	10	Pole/Log	8						
12	4130	- Aspen		Poletimber Well	3.5	58	81-110	N/A		Mixed aspen stand with a few scattered red pine. Seasonally wet. Co
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	hold for another 10 years if necessary.
	Quaking Aspen	75	Pole/Log	8 58	Pi	n Cherry	Low	10 - 20 feet	Sapling	
	Red Pine	5	Log	15	W	hite Pine	Low	Variable	Sapling	
	Bigtooth Aspen	20	Pole/Log	8	Re	ed Maple	Low	10 - 20 feet	Sapling	
13	6220 - A	lder/willow		Nonstocked	1.1			No		
14	310 - Herbac	eous Open	land	Nonstocked	1.0					Looks like a well site.



Stand	Level 4 Co	evel 4 Cover Type Size Density Acres Stand Age BA Range Managed Site		Site	General Comments						
115	3303 - Mixed Lo	ow Density	Trees	Nonsto	cked	12.7			No		Grassy open areas mixed with patches of mixed pine and popple.
116	4311 - Pine	e, Aspen M	lix	Sawtimbe	er Well	3.4	90	81-110	N/A		
(Canopy Species	% Cover	Size Class	DBH	Age	Sub-Cai	nopy Specie	es Density	Avg. Height	Size	
	Red Pine	14	Log/Pole	12		Bal	Isam Fir	Low	Variable	Sapling	
	White Pine	30	Log/Pole	13		Wh	nite Pine	Low	Variable	Sapling	
Black	/Red (Hybrid) Oak	1	XLog/Log	18				<u> </u>			
C	Quaking Aspen	35	Log/Pole	10	90						
	Red Maple	5	Log/Pole	12							
	Balsam Fir	15	Pole	7							
117	330 - Low-[Density Tre	es	Nonsto	cked	14.9			No		Grassy open areas with pockets of trees.
118	42210 - Nat	ural Red P	ine	Sawtimbe	er Well	2.3	113	111-140	N/A		
(Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Specie	es Density	Avg. Height	Size	
	Balsam Fir	5	Pole	6		Irc	nwood	Medium	>20 feet	Sapling	
C	Quaking Aspen	10	Log/Pole	10		Bal	Isam Fir	Low	Variable	Sapling	
Black	/Red (Hybrid) Oak	10	Log/Pole/XLo	ng 13				,			-
	Basswood	15	Log/XLog	16							
	Red Pine	60	Log	14	113						
119	4130	- Aspen		Sapling	Well	10.6	4	Immature	N/A		Cut 2019.
(Canopy Species	% Cover	Size Class	DBH	Age						
	Pin Cherry	15	Sapling	1	4						
Е	Balsam Poplar	25	Sapling	1	4						
C	Quaking Aspen	60	Sapling	1	4						
120	4130	- Aspen		Sapling	Well	6.7	13	Immature	N/A		
(Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Specie	es Density	Avg. Height	Size	
C	Quaking Aspen	88	Sapling	2	13	Bal	Isam Fir	Low	Variable	Sapling	
	Balsam Fir	2	Pole	6		Pin	Cherry	Medium	5 - 10 feet	Sapling	
	Red Pine	3	Log/XLog	14		Wh	ite Pine	Low	Variable	Sapling	
	Paper Birch	1	Pole/Log/Sap	p 7				'		1	_
	White Pine	2	Log/Pole	13							
	Doloom Fir		Sapling								
	Balsam Fir	3	Sapilitig	2							



Stand	Level 4 C	over Type		Size Density	Acres	Stand Age E	BA Range	Managed S	Site	General Comments
121	4130	- Aspen	Р	oletimber Well	16.2	34	81-110	N/A		
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Quaking Aspen	98	Pole/Sap/Log	7 34	Ва	alsam Fir	Medium	Variable	Sapling	
	Black Cherry	1	Pole	7	Pi	n Cherry	Medium	5 - 10 feet	Sapling	
	Balsam Fir	1	Pole	7	Ва	alsam Fir	Trace	>20 feet	Pole	
					W	hite Pine	Low	Variable	Sapling	
122	4130	- Aspen		Sapling Well	19.7	4	Immature	N/A		Cut 2019.
	Canopy Species	% Cover	Size Class	DBH Age						
	Balsam Poplar	5	Sapling	1 4						
	Pin Cherry	5	Sapling	1 4						
	Red Maple	5	Sapling	1 4						
	Quaking Aspen	85	Sapling	1 4						
123	310 - Herbac	eous Open	land	Nonstocked	1.5					Oil/gas producing well.
124	4119 - Mixed No	orthern Har	dwoods P	oletimber Well	13.8	58	81-110	N/A		Red maple pole timber stand mixed with some oak, birch, aspen and a
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	anopy Species	Density	Avg. Height	Size	few pockets of pine. High water table. There is a small bog and multpil vernal pools found within stand. The red pine is in the southern part of
	Paper Birch	5	Pole/Log/Sap	7	Ва	alsam Fir	High	Variable	Sapling	the stand.
Blac	ck/Red (Hybrid) Oak	5	Log	12	Re	ed Maple	Medium	Variable	Sapling	
	Red Pine	5	Log/XLog/Pole	14						-
	Balsam Fir	7	Pole	6						
	Quaking Aspen	10	Pole/Log	8						
	Red Maple	68	Pole/Log	8 58						
126	310 - Herbac	eous Open	lland	Nonstocked	0.5					Old well pad site.
127	4110 - Sugar N	laple Asso	ciation S	awtimber Well	32.3	113	81-110	N/A		Nice stand of Hard Maple and Basswood. Stand was thinned in 1989 and 2020. Trace amounts of aspen and yellow birch in the canopy.
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	anopy Species	Density	Avg. Height	Size	There are multiple pipelines throughout stand. EAB has eliminated the
	Beech	1	Log/Pole	13	Ir	onwood	Low	10 - 20 feet	Sapling	ash component.
	Basswood	39	Log/XLog/Pole	14	Sug	gar Maple	Low	Variable	Sapling	
	Sugar Maple	60	Log/Pole	12 113						
128	6111 - Lowlan	d Balsam F	Poplar P	oletimber Well	2.4	63	51-80	N/A		
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	anopy Species	Density	Avg. Height	Size	
	Balsam Poplar	50	Pole	7 63	Ва	alsam Fir	Low	Variable	Sapling	
	Balsam Fir	40	Pole	5	Ta	ag Alder	Low	5 - 10 feet	Tall Shrub	
	Paper Birch	10	Pole	5		<u> </u>			<u> </u>	-



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed	Site	General Comments	MICHIGAN
129	6229 - Mixed lowland shrub	Nonstocked	13.4			No			
				nopy Species		Avg. Height	Size		
			16	ag Alder	Full	10 - 20 feet	Tall Shrub	2	
130	3102 - Grass	Nonstocked	1.3	0				Oil/gas producing well	
131	790 - Other Bare/Sparsely Vegetated	Nonstocked	0.8	0				Oil/gas producing well	
132	790 - Other Bare/Sparsely Vegetated	Nonstocked	0.6	0				Oil/gas producing well	
133	3102 - Grass	Nonstocked	0.7	0				Oil/gas producing well	
134	790 - Other Bare/Sparsely Vegetated	Nonstocked	0.6	0				Oil/gas producing well	
135	790 - Other Bare/Sparsely Vegetated	Nonstocked	1.0	0				Oil/gas producing well.	
136	790 - Other Bare/Sparsely Vegetated	Nonstocked	0.5	0				Oil/gas producing well	
137	3102 - Grass	Nonstocked	0.5	0				Oil/gas producing well	
138	3102 - Grass	Nonstocked	0.1	0	Immature			Oil/gas producing well	
139	790 - Other Bare/Sparsely Vegetated	Nonstocked	0.4	0				Oil/gas producing active well.	
140	790 - Other Bare/Sparsely Vegetated	Nonstocked	0.8	0				Oil/gas producing well	
141	790 - Other Bare/Sparsely Vegetated	Nonstocked	0.6	0				Oil/gas producing well	
142	3102 - Grass	Nonstocked	0.6	0				Capped well 2015. Permit #15542	_
143	310 - Herbaceous Openland	Nonstocked	0.3	0				Plugged well 4/1/16. permit #15686	

Roscommon Mgt. Unit

Report 7 - Stands



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age BA Range	Managed Site	General Comments
144	790 - Other Bare/Sparsely Vegetated	Nonstocked	0.9	0		oil/gas production
145	310 - Herbaceous Openland	Nonstocked	0.2			Oil/gas producing well.
146	330 - Low-Density Trees	Nonstocked	0.2	0		DEQ/EGLE database shows a gas/oil well in the vicinity. No real evidence of this on the ground.
152	310 - Herbaceous Openland	Nonstocked	0.4	0		Old well site.