Compartment Review Presentation

Roscommon Forest Management Unit

Compartment 71082
Entry Year: 2027
Acreage: 2,631
County: Ogemaw

Management Area: High Sand Plains

Stand Examiner: Avery Sanborn

Legal Description:

T22N, R1E, Sections 3, 4, 9, 10, 15, 16.

Identified Planning Goals:

Prescribe harvests for aspen blocks, balancing the aspen age-class distribution while retaining under-represented species within these stands, primarily oak, to maintain species diversity and provide wildlife value. Utilize thinning treatments to promote the vigor of expansive oak stands and induce the initiation of desirable species in the subcanopy.

Soil and topography:

Soils consist primarily of Graycalm Sands of variable relief. Mucky soils are more prevalent in association with low areas near the headwaters of Ogemaw Creek. Topography ranges from gently rolling to steep slopes in excess of 35 percent. Highest site productivity in most of the compartment occurs in association with parts of the ridges where ph and clay content is presumably higher on some sands and loamy sands. There is also a small inclusion of better soils in proximity to the oil/gas sites in the southern part of the compartment.

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

State land ownership within this compartment is well-consolidated, with only two outlying parcels separate from the main block; these two parcels are proposed for disposal.

Unique Natural Features:

None noted on the conservation area reviewer.

Archeological, Historical, and Cultural Features:

There is some presence of archaeological features, likely in association with historic activity in proximity to the railroad.

Special Management Designations or Considerations:

Watershed and Fisheries Considerations:

Section 10 of this compartment, home to the aptly named 'Ogemaw Springs', holds the headwaters of Ogemaw Creek, a tributary of the Rifle River. The state lands in close proximity to these waters in the SE quarter of section 10 have been proposed for disposal.

Wildlife Habitat Considerations:

Mineral Resource and Development Concerns and/or Restrictions

Sections 3-4, 9-10, & 15-16, T22N R1E, Ogemaw County:Surface sediments consist of ice contact outwash sand and gravel and postglacial alluvium. No known potential exists for economic deposits of metallic minerals in this part of the state. The closest known active sand/gravel operation is more than two miles east. There is some good potential for development of sand & gravel within the compartment on the uplands. Part of the West Branch oil & gas field occurs within the compartment including three producing wells. Producing units are holding active leases within the compartment, and some additional (non-producing) State oil & gas leases in the compartment expired earlier this year. There has been no recent well permitting activity in the area. 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:

Vehicle access throughout the compartment is good with quarter section roads with most of the compartment. Some steeper terrain may impede conventional vehicular traffic.

Survey Needs:

None needed at this time.

Recreational Facilities and Opportunities:

This compartment is heavily used for a variety of hunting pursuits. Consider placement of retention pockets for best visual aesthetics for road/trail users. Several dedicated ORV trails wind their way through this compartment. Utilize timber management to curtail resource damages.

Fire Protection:

The majority of volatile coniferous fuels in this compartment are in sections 3 and 4. Accessibility for fire suppression activity is good due to the prevalence of quarter section roads within the compartment.

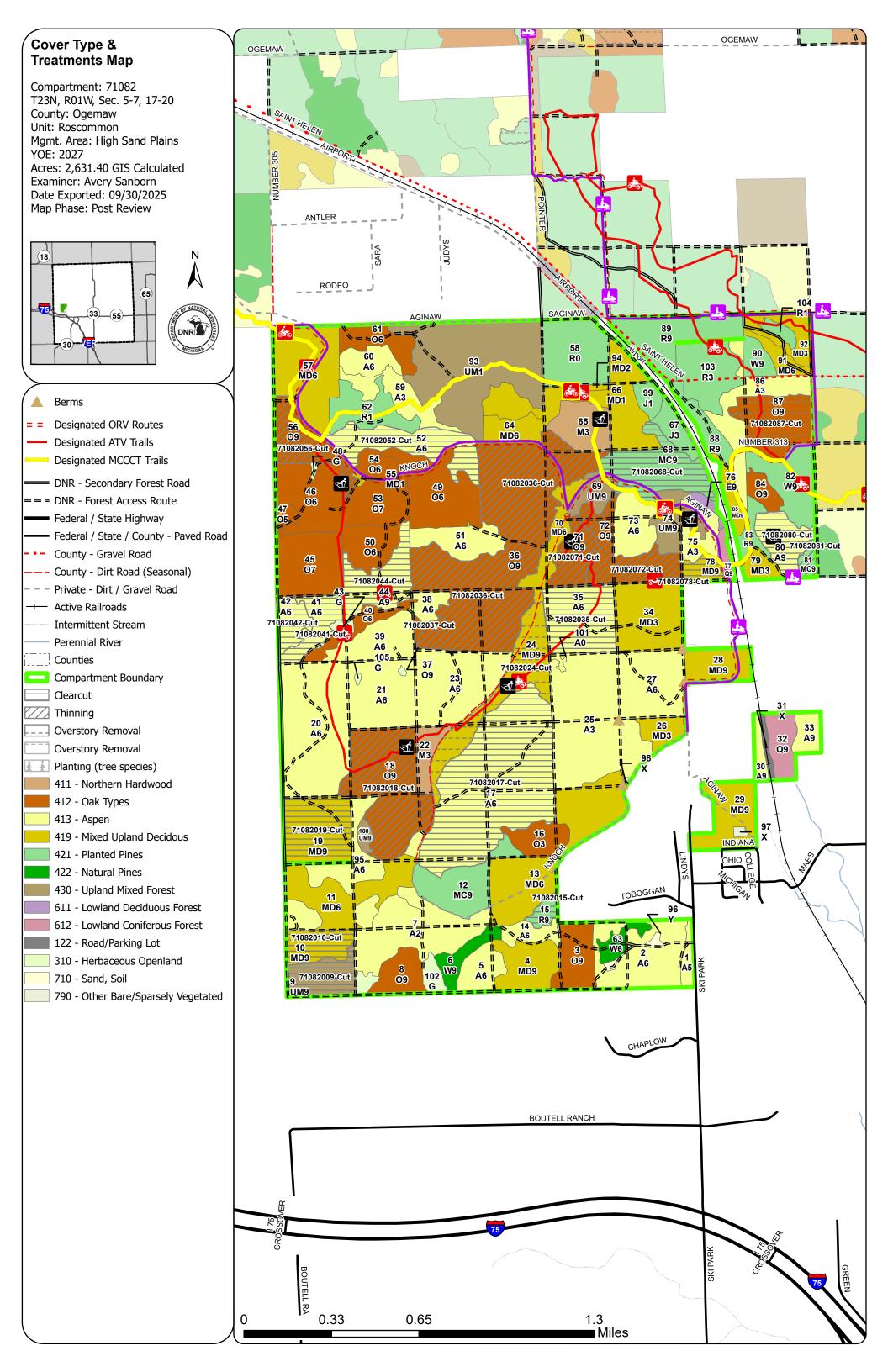
Additional Compartment Information:

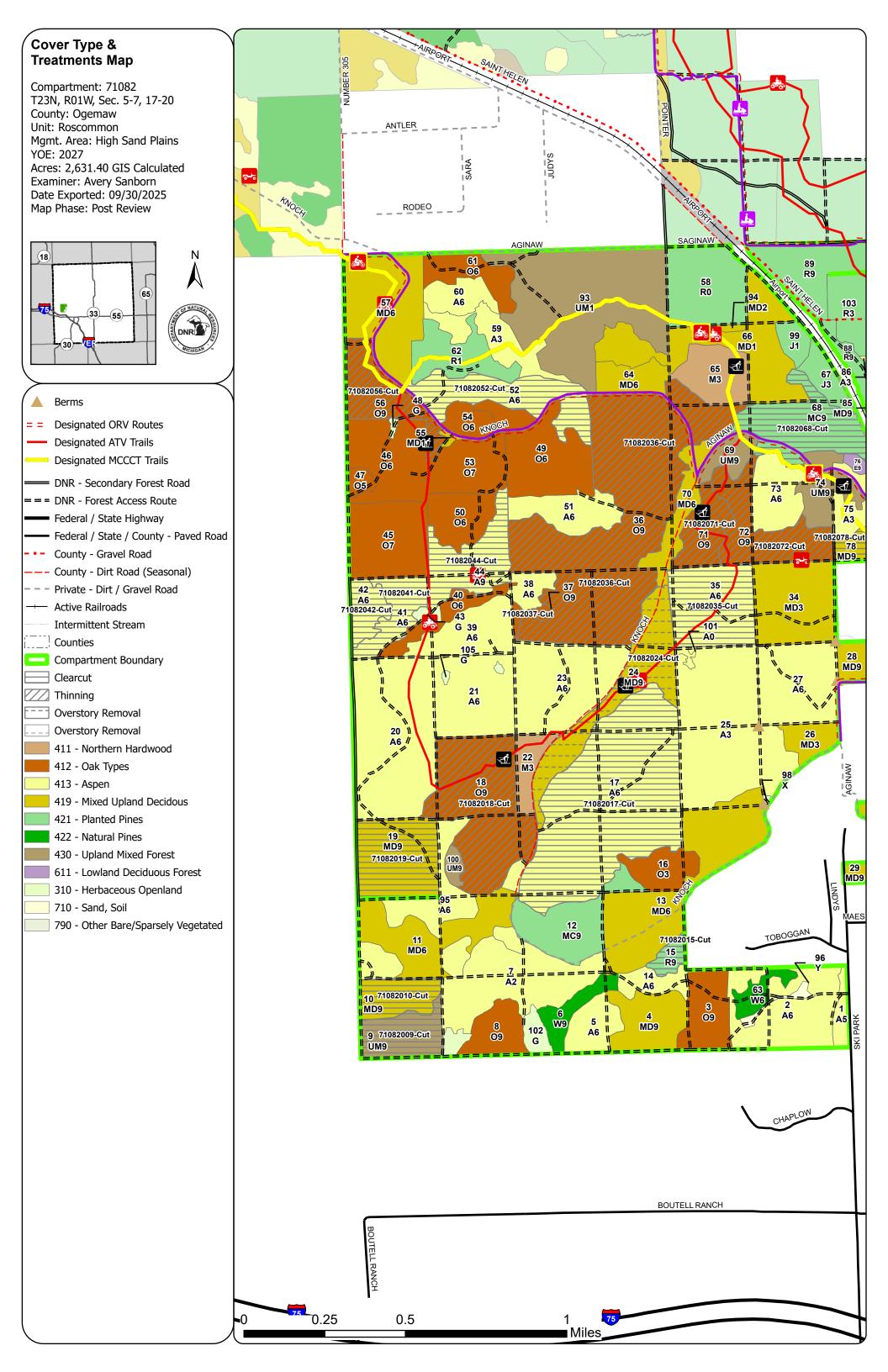
The following reports from the Inventory are attached:

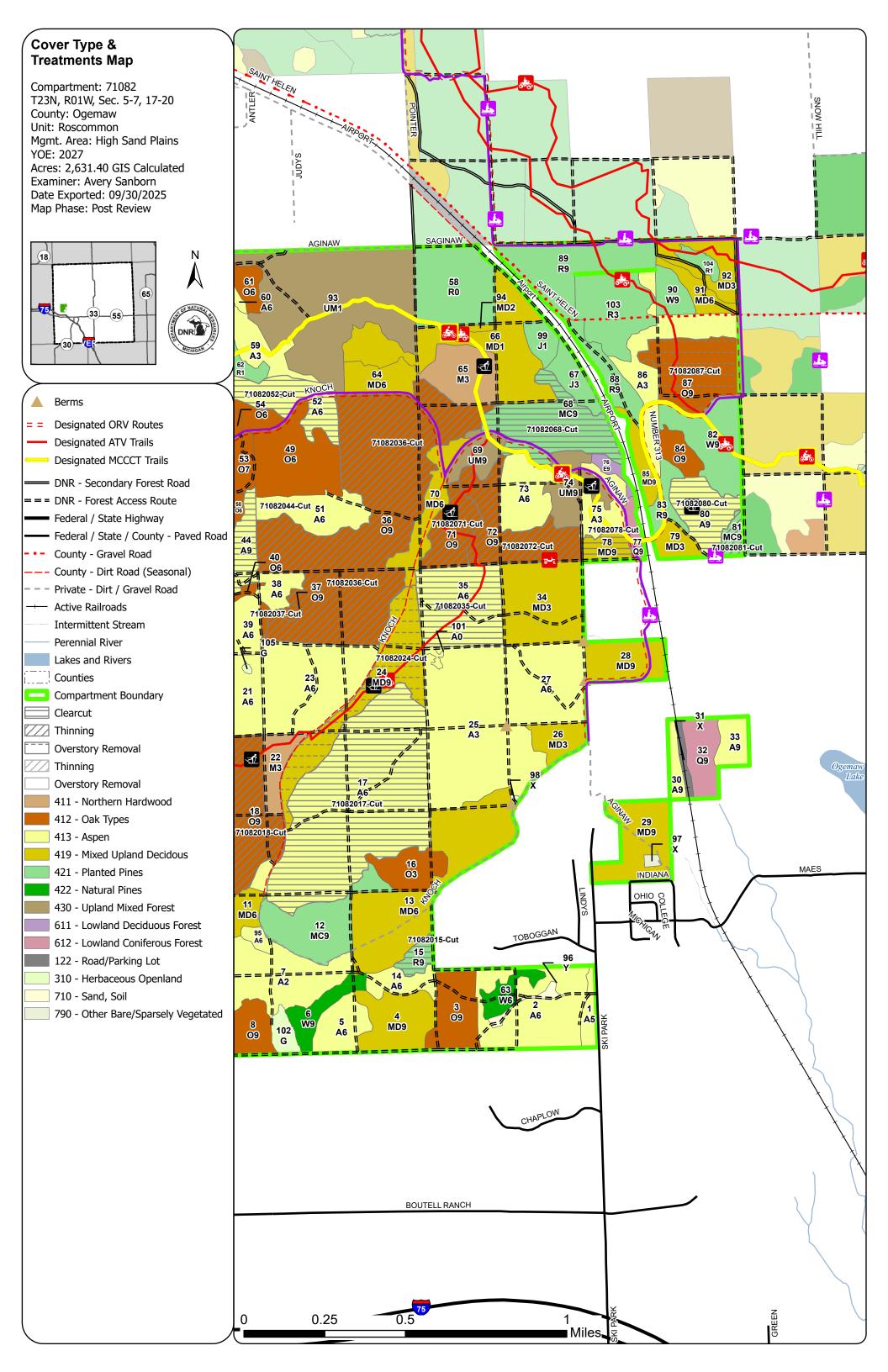
Total Acres by Cover Type and Age Class
Cover Type by Harvest Method
Proposed Treatments – No Limiting Factors
Proposed Treatments – With Limiting Factors
Stand Details (Forested and Nonforested)
Dedicated and Proposed Special Conservation Areas
Site Condition Details

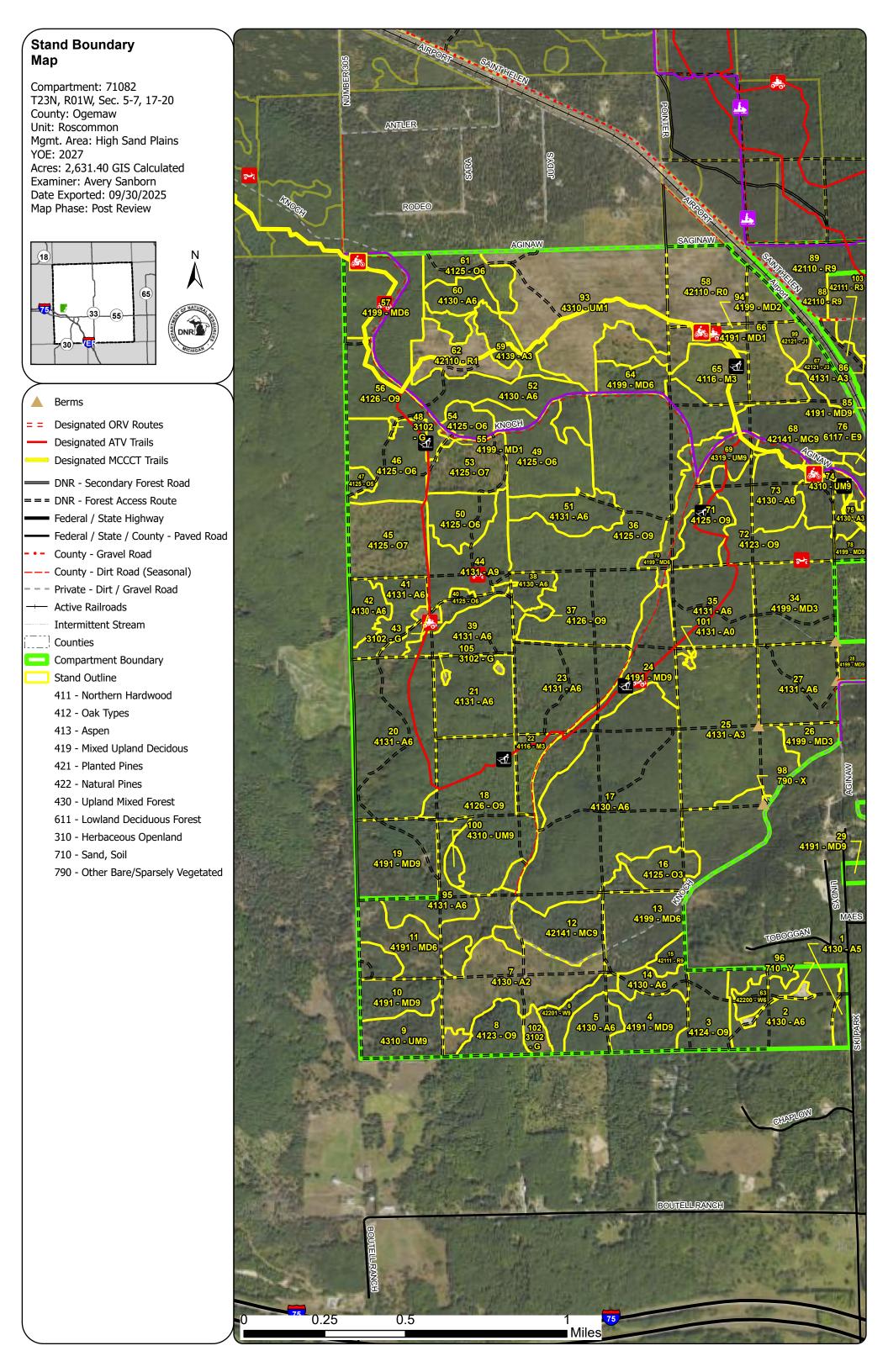
The following information is displayed, where pertinent, on the attached compartment maps:

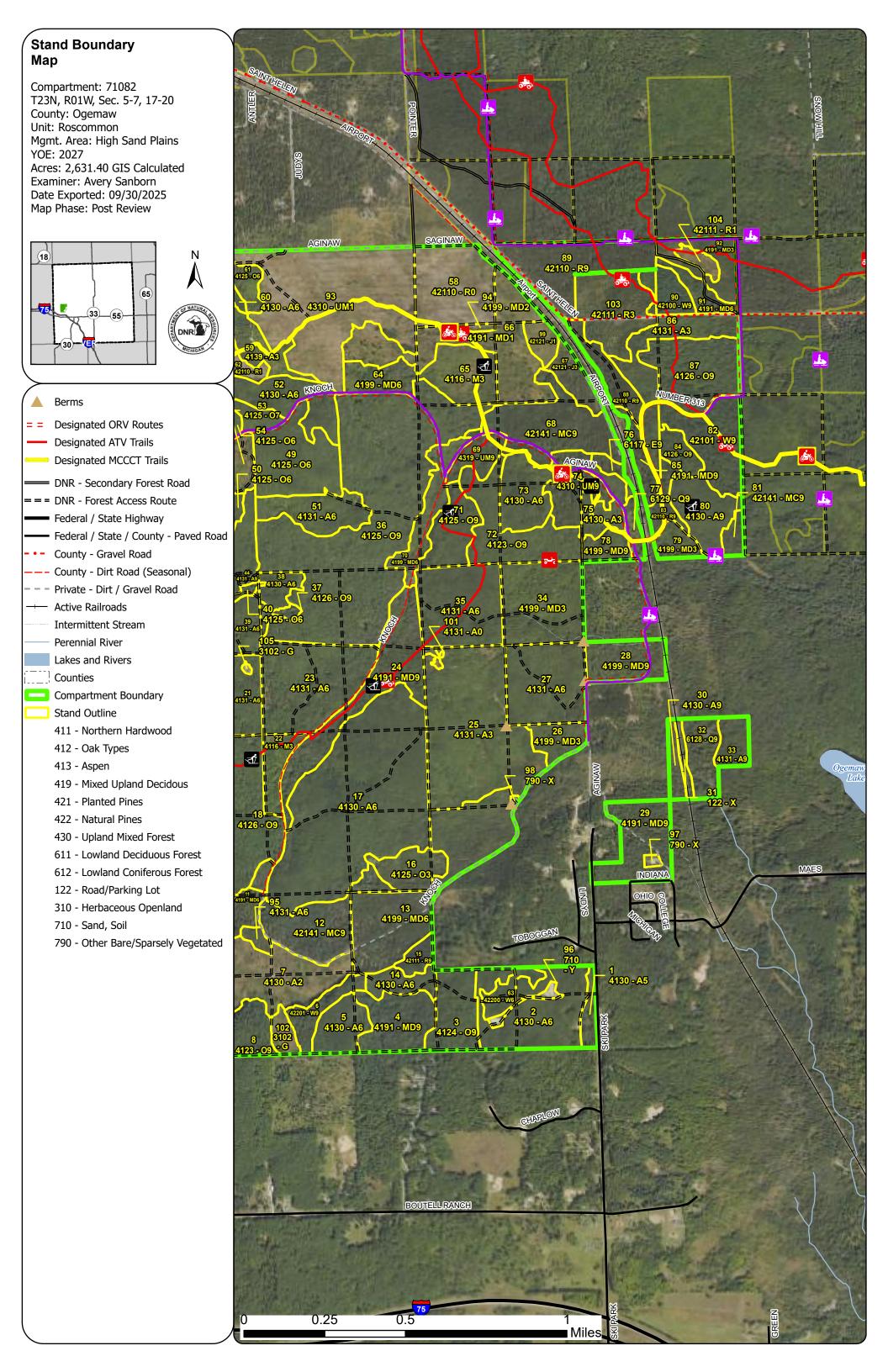
Base feature information, stand boundaries, cover types, and numbers Proposed treatments
Site condition boundaries
Details on the road access system

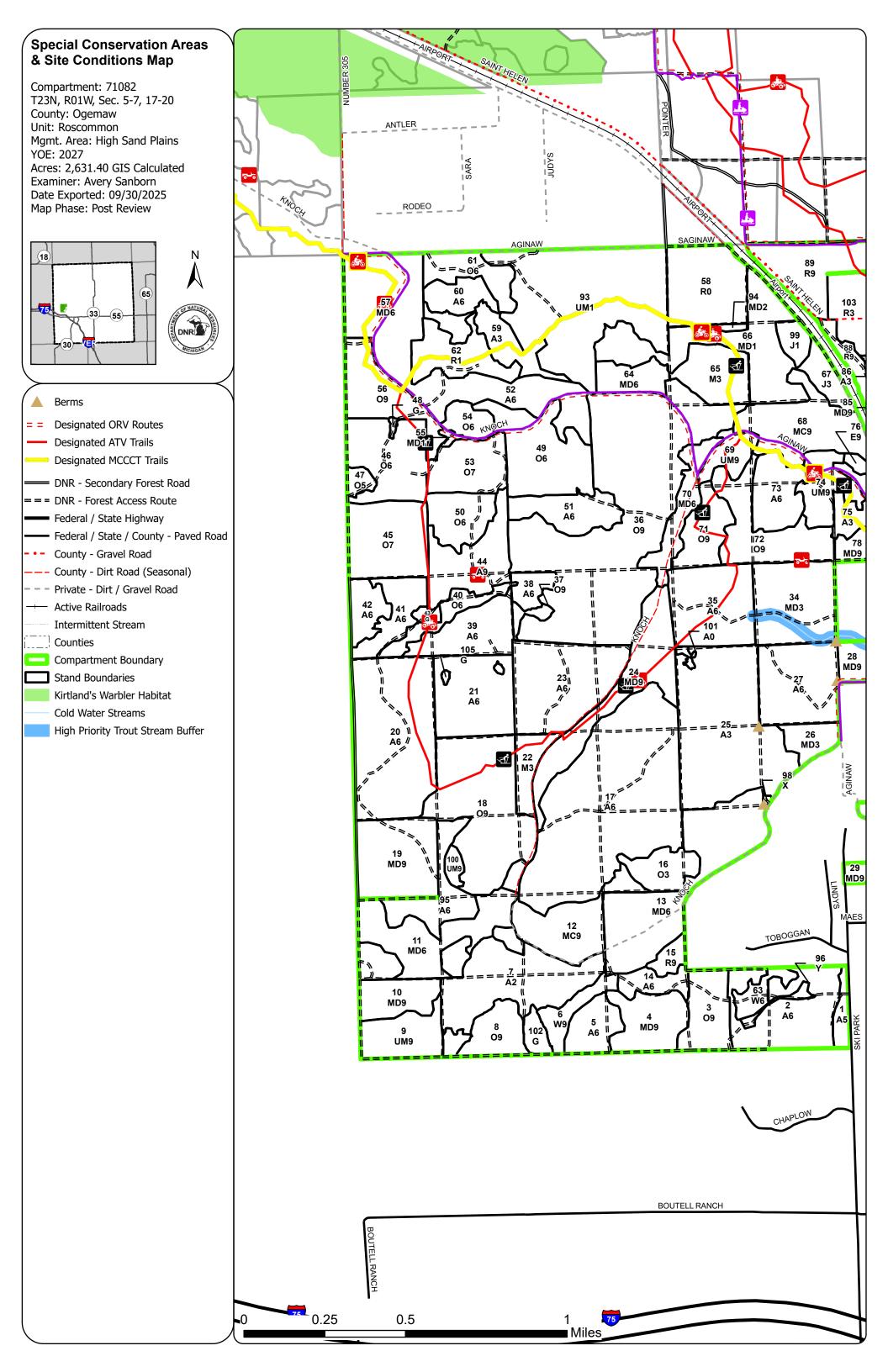


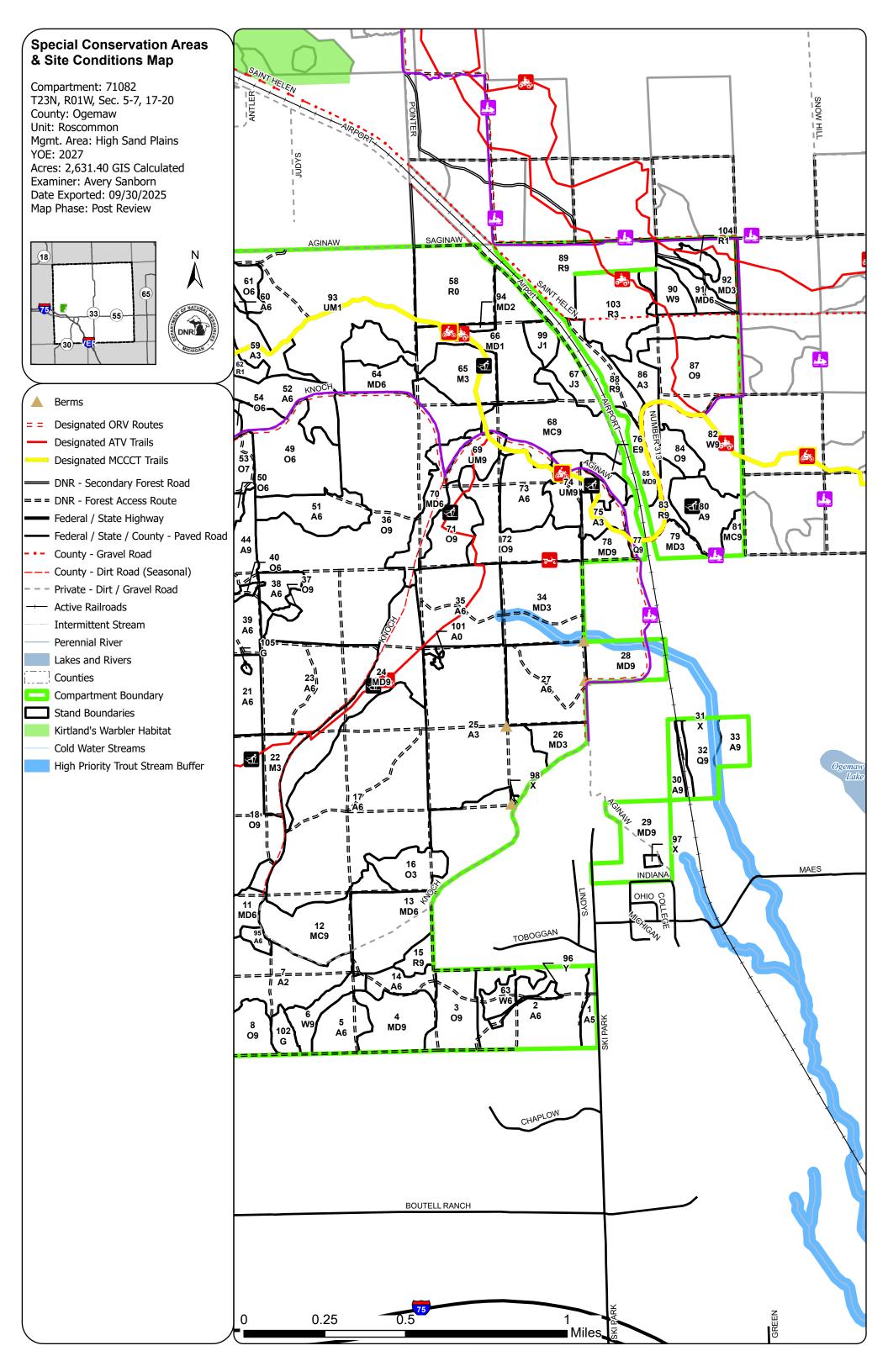












Compartment 82 Year of Entry 2027

Roscommon Mgt. Unit
Avery Sanborn: Examiner

Age Class

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Aspen	1	0	141	135	248	379	21	0	0	0	0	9	0	0	0	0	0	0	934
Bare/Sparsely Vegetated	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Herbaceous Openland	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13
Jack Pine	0	7	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18
Lowland Conifers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	5	20
Lowland Deciduous	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4
Mixed Upland Deciduous	0	55	0	66	147	98	0	0	0	0	18	72	8	0	0	0	0	53	517
Northern Hardwood	0	0	12	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34
Oak	0	0	15	17	16	98	9	0	0	0	124	106	240	0	0	0	0	0	625
Planted Mixed Pines	0	0	0	0	0	0	0	0	0	0	0	78	0	0	0	0	0	0	78
Red Pine	38	0	60	0	0	0	0	0	0	0	0	66	0	0	0	0	0	0	164
Sand, Soil	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Upland Mixed Forest	0	103	0	0	0	0	0	0	0	0	26	30	0	0	0	0	0	0	158
Urban	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
White Pine	0	0	0	0	0	8	0	12	0	0	0	39	0	0	0	0	0	0	59
Total	61	165	228	251	411	587	30	12	0	0	168	400	248	0	0	0	15	58	2633

Report 2 – Treatment Summary

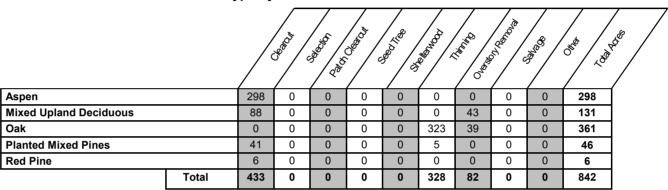
Roscommon Mgt. Unit Year of Entry: 2027

Acres of Harvest

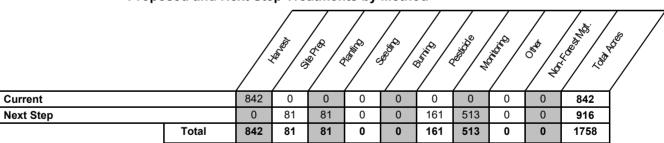
Compartment 82
Total Compartment Acres: 2,631

Commercial Harvest - 1726 Harvests with Site Condition - 0 Next Step Harvest - 0 Habitat Cut - 35

Cover Type by Harvest Method



Proposed and Next Step Treatments by Method



s t	RO	scommo	n Mgt. Unit		Kepoi	rt 3 I	Treatments		Compartmen Year of Entry		
a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habi Cu
rove	ed Treatmen	ts:									
10	71082009-Cut		4191 - Mixed Upland Deciduous with Conifer	9	98	81-110	Harvest	Clearcut	42110 - Planted Red Pine	Planting Record	N
Prese Spec		ut all trees	2" DBH and greater	r. Leave re	etention	in NE corr	ner. 6 inch stum	p heights. Trench	and plant to red pi	ne using full s	uite of
			ing; Pesticide, Aeri rush Saw Release;					Monitoring, Artific	ial Regen; Monito	ring, Artificial l	Regen;
Acce Rege	e <u>ptable</u> Fully st en:	ocked pla	nted red pine.								
Othe Com	<u>r</u> ment:										
Site (Condition:										
			000								
Prop	osed Start Date	<u>:</u> 10/01/2	026								
	osed Start Date 71082010-Cut	17.7	4191 - Mixed Upland Deciduous	9	98	81-110	Harvest	Clearcut	42110 - Planted Red Pine	Planting Record	N
10	71082010-Cut	17.7	4191 - Mixed							•	N
10 Press	71082010-Cut	17.7 ut 2"+. Lea	4191 - Mixed Upland Deciduous with Conifer ave retention in NE o	corner. Tre	ench and	l plant to r	ed pine using fu	Ill suite of tools.	Red Pine	Record	
Press Spec	71082010-Cut cription Clearce ss: Step SitePre	17.7 ut 2"+. Lea ep, Trench	4191 - Mixed Upland Deciduous with Conifer	corner. Tre	ench and	l plant to r anting, Tro	ed pine using fu	Ill suite of tools.	Red Pine	Record	
Press Speci Next Treat	71082010-Cut cription Clearce ss: Step SitePre tments: NonCo	17.7 ut 2"+. Lea ep, Trench mmCut, B	4191 - Mixed Upland Deciduous with Conifer ave retention in NE of ing; Pesticide, Aeri	corner. Tre	ench and	l plant to r anting, Tro	ed pine using fu	Ill suite of tools.	Red Pine	Record	
Press Spec Next Treat Acce Rege	71082010-Cut cription Clearce ss: Step SitePre tments: NonCo	17.7 ut 2"+. Lea ep, Trench mmCut, B	4191 - Mixed Upland Deciduous with Conifer ave retention in NE of ing; Pesticide, Aeri	corner. Tre	ench and	l plant to r anting, Tro	ed pine using fu	Ill suite of tools.	Red Pine	Record	N Regen;
Press Spec Next Treat Acce Rege Othe Com	71082010-Cut cription Clearce SE: Step SitePre tments: NonCo eptable Fully sten:	17.7 ut 2"+. Lea ep, Trench mmCut, B	4191 - Mixed Upland Deciduous with Conifer ave retention in NE of ing; Pesticide, Aeri	corner. Tre	ench and	l plant to r anting, Tro	ed pine using fu	Ill suite of tools.	Red Pine	Record	
Press Speci Next Treat Acce Rege Othe Com	71082010-Cut cription Clearce ss: Step SitePre tments: NonCo eptable Fully sten: er ment:	17.7 ut 2"+. Lea ep, Trench mmCut, B ocked pla	4191 - Mixed Upland Deciduous with Conifer ave retention in NE of ing; Pesticide, Aeri irush Saw Release; nted red pine.	corner. Tre	ench and	l plant to r anting, Tro	ed pine using fu	Ill suite of tools.	Red Pine	Record	
Press Special Next Treat Acce Rege Othe Com	71082010-Cut cription Clearce S: Step SitePre tments: NonCo eptable Fully sten: er ment: Condition:	17.7 ut 2"+. Lea ep, Trench mmCut, B cocked pla	4191 - Mixed Upland Deciduous with Conifer ave retention in NE of ing; Pesticide, Aeri irush Saw Release; nted red pine.	corner. Tre	ench and rep; Pl e, Aerial	l plant to r anting, Tro	ed pine using fu	Ill suite of tools.	Red Pine	Record	Regen;
Press Spec Next Treat Acce Rege Othe Com Site (71082010-Cut cription Clearce Step SitePre tments: NonCo eptable Fully sten: if ment: Condition: osed Start Date 71082015-Cut	17.7 ut 2"+. Lea ep, Trench mmCut, B cocked pla	4191 - Mixed Upland Deciduous with Conifer ave retention in NE of ing; Pesticide, Aeri irush Saw Release; Inted red pine. 026 42111 - Planted Red Pine, Mixed	corner. Tre ial - Site P Pesticide	rep; Plander, Aerial	I plant to r anting, Tre - Release	ed pine using fu enched Plant; I	Ill suite of tools. Monitoring, Artific	Red Pine sial Regen; Monitor 4191 - Mixed Upland Deciduous with	Record ring, Artificial I	Regen;
Press Spec Next Trea Accee Regge Othe Com Site Prop 15 Press Spec Next	71082010-Cut cription Clearce S: Step SitePre tments: NonCo eptable Fully sten: er ment: Condition: cosed Start Date 71082015-Cut	17.7 ut 2"+. Lea ep, Trench mmCut, B cocked pla 10/01/2 5.7 ut all stem	4191 - Mixed Upland Deciduous with Conifer ave retention in NE of ing; Pesticide, Aeri rush Saw Release; nted red pine. 026 42111 - Planted Red Pine, Mixed Deciduous	corner. Tre ial - Site P Pesticide	rep; Plander, Aerial	I plant to r anting, Tre - Release	ed pine using fu enched Plant; I	Ill suite of tools. Monitoring, Artific	Red Pine sial Regen; Monitor 4191 - Mixed Upland Deciduous with	Record ring, Artificial I	Regen;
Press Spec Next Trea Accee Regge Othe Com Site of Prop 15 Press Spec Next Trea	71082010-Cut cription Clearce S: Step SitePre tments: NonCo eptable Fully sten: cription: condition: cosed Start Date 71082015-Cut cription Clearce Step Monito tments: cptable Any mi	17.7 ut 2"+. Lea ep, Trench mmCut, B ocked pla 10/01/2 5.7 ut all stem ring, Natur	4191 - Mixed Upland Deciduous with Conifer ave retention in NE of ing; Pesticide, Aeri trush Saw Release; Inted red pine. 026 42111 - Planted Red Pine, Mixed Deciduous s meeting minimum	pesticide g merchant	rep; Pl. e, Aerial	I plant to r anting, Tro - Release 81-110	ed pine using fu enched Plant; I Harvest	Ill suite of tools. Monitoring, Artific	Red Pine sial Regen; Monitor 4191 - Mixed Upland Deciduous with	Record ring, Artificial I	Regen;
Press Spec Next Treat Accee Rege Othe Com Site Prop 15 Press Spec Next Treat Accee Rege Othe Othe Othe Othe Othe Othe Othe Oth	71082010-Cut cription Clearce S: Step SitePre tments: NonCo eptable Fully sten: er ment: Condition: cosed Start Date 71082015-Cut cription Clearce S: Step Monito tments: eptable Any mien:	17.7 ut 2"+. Lea ep, Trench mmCut, B ocked pla 10/01/2 5.7 ut all stem ring, Natur	4191 - Mixed Upland Deciduous with Conifer ave retention in NE of ing; Pesticide, Aeri rush Saw Release; Inted red pine. 026 42111 - Planted Red Pine, Mixed Deciduous s meeting minimum ral Regen (Re-Inven	pesticide g merchant	rep; Pl. e, Aerial	I plant to r anting, Tro - Release 81-110	ed pine using fu enched Plant; I Harvest	Ill suite of tools. Monitoring, Artific	Red Pine sial Regen; Monitor 4191 - Mixed Upland Deciduous with	Record ring, Artificial I	Regen;
Press Spec Next Trea Accee Rege Othe Com Site of Prop 15 Press Spec Next Trea Accee Rege Othe Com	71082010-Cut cription Clearce S: Step SitePre tments: NonCo eptable Fully sten: cription: osed Start Date 71082015-Cut cription Clearce S: Step Monito tments: cptable Any mien: cription Any mien:	17.7 ut 2"+. Lea ep, Trench mmCut, B ocked pla 10/01/2 5.7 ut all stem ring, Natur	4191 - Mixed Upland Deciduous with Conifer ave retention in NE of ing; Pesticide, Aeri rush Saw Release; Inted red pine. 026 42111 - Planted Red Pine, Mixed Deciduous s meeting minimum ral Regen (Re-Inven	pesticide g merchant	rep; Pl. e, Aerial	I plant to r anting, Tro - Release 81-110	ed pine using fu enched Plant; I Harvest	Ill suite of tools. Monitoring, Artific	Red Pine sial Regen; Monitor 4191 - Mixed Upland Deciduous with	Record ring, Artificial I	

s t	Ro	oscommon	Mgt. Unit		Repo	rt 3 '	Treatments		Compartmer Year of Entr		
a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
17	71082017-Cut	137.1	4130 - Aspen	6	46	81-110	Harvest	Clearcut	413 - Aspen	Planting Record	No
Pre Spe								phout the stand an lity oak dominated			Apply
	<u>tt Step</u> Monito atments:	ring, Natura	ıl Regen (Re-Inver	ntory)							
Acc Rec		ily aspen wi	th any mix of oak,	red maple	, and wh	nite pine a	t fully stocked le	vels.			
<u>Oth</u>											
Site	Condition:										
Pro	posed Start Date	<u>:</u> 10/01/20	26								
18	71082018-Cut	71.241	26 - White, Black N. Pin Oak	, 9	96	111- 140	Harvest	Thinning	4126 - White, Black, N. Pin Oak	Planting Record	No
Spe Nex Trea	ccs: tt Step atments: eptable	umming do	wn to 60-80 BA. F	emove olu	аэреп.	Trotect C	itt Toute. Apply	Can will specs.			
Oth Cor	<u>er</u> nment:										
Site	Condition:										
Pro	posed Start Date	<u>:</u> 10/01/20:	26								
19	71082019-Cut		4191 - Mixed Ipland Deciduous with Conifer	9	49	111- 140	Harvest	Clearcut	4191 - Mixed Upland Deciduous with Conifer	Planting Record	No
Pre Spe		ut. Leave re	tention as an islar	nd at the cr	est of th	e hill in th	e pine dominate	d area. Apply Oak	wilt specs.		
	<u>tt Step</u> Monito atments:	ring, Natura	ıl Regen (Re-Inver	ntory)							
Acc Rec		x of red ma	ple, aspen, oak, a	ınd white pi	ne at ful	ly stocked	d levels.				
Oth Cor	<u>er</u> nment:										
Site	Condition:										
Pro	posed Start Date	<u>:</u> 10/01/20	26								

S t	Ro	scommo	n Mgt. Unit		Repoi	rt 3 '	Treatments		Compartmen Year of Entry		
a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
24	71082024-Cut	43.3	4191 - Mixed Upland Deciduous with Conifer	9	100	51-80	Harvest	Overstory Removal	4191 - Mixed Upland Deciduous with Conifer	Cutting Record	No
Pres Spec	cription Spec to	leave red	d maple and aspen 8	" or small	er. Prote	ect ORV r	oute. Apply Oak	wilt specs.			
	Step tments:										
Acce Rege	eptable en:										
Othe Com	<u>er</u> ıment:										
	Condition:										
Prop	osed Start Date:	10/01/2	026								
35	71082035-Cut	40.9	4131 - Aspen, Oak	6	40	81-110	Harvest	Clearcut	4131 - Aspen, Oak	Planting Record	No
Spec Next	es: Protect	ORV rout	o leave about 30 of the te. Implement drumn ral Regen (Re-Invent	ning log s _l				e including codor	minant where domi	iants are not	present.
Rege	en:	x of asper	n and oak at fully stoo	cked level	s.						
Othe Com	<u>er</u> iment:										
<u>Site</u>	Condition:										
Prop	osed Start Date:	10/01/2	026								
36	71082036-Cut	168.9 4	1125 - Black, N. Pin Oak	9	111	111- 140	Harvest	Thinning	412 - Oak Types	Planting Record	No
Pres Spec		wn to 70-	90 BA. Specify to re	move all a	spen. U	se all app	propriate specs to	protect the snow	wmobile trail on the	NE side. App	ly Oak wilt
	Step tments:										
Acce Rege	eptable en:										
Othe Com	<u>er</u> ıment:										
<u>Site</u>	Condition:										
Prop	osed Start Date:	10/01/2	026								

S t	Ro	scommo	n Mgt. Unit		Repor	t 3 '	Treatments		Compartmen Year of Entr		
a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
87	71082087-Cut	35.14	1126 - White, Black, N. Pin Oak	9	110	51-80	Harvest	Overstory Removal	4191 - Mixed Upland Deciduous with Conifer	Cutting Record	Yes
Pres Spec		red and w	hite oak 6" and great	ter. Use a	ppropria	te specs	to protect the or	v trail going thoug	h the stand.		
	Step tments:										
Acce Rege	eptable										
Othe											
Site	Condition:										
Prop	osed Start Date	10/01/2	026								

Total Treatment 842 Acreage Proposed:

Report 4 - Site Conditions

Roscommon Mgt. Unit

Avery Sanborn: Examiner





Availa	bility for	Managemer	nt					
Total	Acres	Acres Avail	Acres		Domina	nt Sit	e Con	ditions
Acres	Available	With Condition	Not Available		1C	2F	3J	5E
935	920	0	15	Aspen	15			
2	1	0	1	Bare/Sparsely Vegetated	1			
13	13	0	0	Herbaceous Openland				
17	17	0	0	Jack Pine				
20	5	0	15	Lowland Conifers	15			
4	0	0	4	Lowland Deciduous			4	
517	488	0	29	Mixed Upland Deciduous	29			
34	34	0	0	Northern Hardwood				
612	609	0	3	Oak		3		
78	78	0	0	Planted Mixed Pines				
129	126	0	4	Red Pine				4
3	3	0	0	Sand, Soil				
158	158	0	0	Upland Mixed Forest				
3	0	0	3	Urban	3			
49	47	0	2	White Pine		2		
2,574	2,498		76	Total Forested Acres	64	5	4	4
	97%		3%	Relative Percent				

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

Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable	1C: Other Dept. or Div. process	29	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: This parcel is set to	be auctioned to the public su	mmer 202	25.			
2	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	4	Unspecified	Unspecified	Unspecified	Unspecified
		(,,,					

Report 4 – Site Conditions

Roscommon Mgt. Unit

Avery Sanborn: Examiner

Compartment: 82 Year of Entry: 2027



3	Unavailable	2F: Too steep	2	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
4	Unavailable	2F: Too steep	3	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
5	Unavailable	1C: Other Dept. or Div. process	3	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: This parcel is set for	r public auction summer 2025.					
6	Unavailable	5E: Long-Term Retention	5	5B: Maintain for regeneration purposes	Unspecified	Unspecified	Unspecified
	Comments:						
7	Unavailable	5E: Long-Term Retention	4	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
8	Unavailable	1C: Other Dept. or Div. process	1	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: This parcel is set for	or public auction summer 2025.					
9	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						

Report 4 – Site Conditions

Roscommon Mgt. Unit

Avery Sanborn: Examiner





10	Unavailable	1C: Other Dept. or Div. process	0	Unspecified	Unspecified	Unspecified	Unspecified
•	Comments:						
14	Unavailable	1C: Other Dept. or Div. process	15	2G: Too wet (sensitive soils, does not include access issues)	2B: Unknown if access through adjacent landowner(s) is possible	2E: Road needed	Unspecified
	Comments: This parcel is set for	r public auction summer 2025.					
15	Unavailable	1C: Other Dept. or Div. process	9	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: This parcel is set for	r public auction summer 2025.					
16	Unavailable	1C: Other Dept. or Div. process	6	2E: Road needed	2I: Survey needed	Unspecified	Unspecified
	Comments: This parcel is set for	r public auction summer 2025.					

09/04/2025 2:02:48 PM - Page 3 of 3

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				

Year of Entry: 2027 Stand **Level 4 Cover Type** Size Density Acres Stand Age BA Range **Managed Site General Comments** 4130 - Aspen Poletimber Medium 6.1 23 1-50 N/A Old oil well pad present. Not sure on the origin of this stand. It cored 1 at 22 yrs but no cutting record was found. Last harvest a few mature % Cover Size Class **DBH Age** Size **Canopy Species Sub-Canopy Species** Density Avg. Height pine, oak, and maple were left. 23 Variable 5 White Pine Low Variable Bigtooth Aspen 75 Sapling 2 3 5 - 10 feet 5 - 10 feet Black Cherry Loa Witch Hazel Medium White Oak 1 Pole 4 Alder Medium 5 - 10 feet 5 - 10 feet 3 6 Autumn Olive Low 5 - 10 feet Red Maple Sapling 5 - 10 feet 2 3 Black/Red (Hvbrid) Oak Loa 8 White Pine 16 Seedling 1 4 Paper Birch Loa 4130 - Aspen 42.7 41 2 Poletimber Well 111-140 N/A Very dense aspen stand. A few vernal ponds on the east side. **Canopy Species** % Cover Size Class **DBH Age Sub-Canopy Species** Density Avg. Height Size 9 White Pine White Pine Low Variable Variable 1 Bigtooth Aspen 87 8 41 Medium Variable Seedling Red Maple Variable 8 Red Oak 1 Seedling Witch Hazel Medium 5 - 10 feet 5 - 10 feet 10 6 Red Maple Seedling Balsam Poplar 1 Seedling 8 4124 - Red with White Oak 21.8 100 N/A 3 Sawtimber Well 111-140 **Canopy Species** % Cover Size Class **DBH Age Sub-Canopy Species** Density Avg. Height Size White Pine Red Maple 5 14 Medium Variable Variable 55 16 100 Red Oak Red Maple High >20 feet >20 feet White Pine 2 22 Witch Hazel Medium 5 - 10 feet 5 - 10 feet 3 17 Red Pine 35 16 White Oak 4191 - Mixed Upland Deciduous with Sawtimber Well 24.5 96 111-140 N/A Mixed upland stand dominated by oak and white pine. There is a Conifer cohort of very large white pine legacy trees, followed by a mixed cohort of medium logs. And lastly a white pine-red maple cohort from % Cover Size Class Size **Canopy Species DBH Age Sub-Canopy Species** Density Avg. Height the last disturbance that is was cored at 50yrs (white pine) and is part Red Maple 15 15 Witch Hazel Medium 5 - 10 feet 5 - 10 feet of the canopy in places. 3 20 Red Pine Red Maple High >20 feet >20 feet Black/Red (Hybrid) Oak 25 15 96 White Pine High >20 feet >20 feet 6 15 Bigtooth Aspen

White Pine

White Oak

Red Maple

10

12

7

30

18

7

Seedling

183

45

Compartment: 82

rt 7 – Stands Compartment: 82
Year of Entry: 2027

Stan	d Level 4 Co	ver Type		Size De	nsity	Acres	Stand Age B	A Range	Managed Site		General Comments
5	4130 -	Aspen	F	Poletimb	er Well	15.3	45	81-110	N/A	1	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Maple	2	Seedling	7		Wh	ite Pine	Low	>20 feet	>20 feet	
	White Pine	4		11		Re	d Maple	High	>20 feet	>20 feet	
	Bigtooth Aspen	93	Seedling	9	45	Blad	k Cherry	Trace	10 - 20 feet	10 - 20 feet	
	Black Cherry	1	Seedling	8							
6	42201 - Natural V Deci	Vhite Pine, duous	Mixed S	Sawtimb	er Well	11.6	66	81-110	N/A		Some areas may be too steep.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Maple	5		14		Re	d Maple	Medium	10 - 20 feet	10 - 20 feet	
	White Pine	61		13	66	Wit	ch Hazel	Trace	5 - 10 feet	5 - 10 feet	
Bla	ck/Red (Hybrid) Oak	17		16	105	Wh	ite Pine	Medium	>20 feet	>20 feet	
	Red Pine	1		16		Re	ed Pine	Trace	>20 feet	>20 feet	
Bla	ck/Red (Hybrid) Oak	10	Seedling	8		Black/Re	d (Hybrid) Oak	Low	Variable	Variable	
	White Oak	1		14						ı	
	Bigtooth Aspen	5		10							
7	4130 -	Aspen	S	Sapling N	/ledium	52.6	11 Ir	nmature	N/A		Stand was final harvest early winter 2014 and was trenched and
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	planted to red pine. Even though was a red pine plantation natural aspen took over. A mixed objective of planted red pine with natural
	Jack Pine	2	Log	1		Re	ed Pine	Medium	< 5 feet	< 5 feet	regeneration was acceptable. This has been reached. The stand is
	Red Pine	10	Log	1							forested based on the aspen levels. The red pine was planted in 201
	Pin Cherry	10	Log	1							and again in 2018, C71-947. The pine is doing alright in the open area devoid of aspen. Let the stand go, do no further treatments or
	Quaking Aspen	78	Log	1	11						checks. Stand will be aspen with pockets of red pine.
											Third year regeneration check done on 09/2020 found the site had
											59% mortality with 59% FTG. Do not recommend doing any further actions. Stand is becoming aspen stand.
8	4123 - I	Red Oak		Sawtimb	er Well	16.7	103	111-140	N/A	·	59% mortality with 59% FTG. Do not recommend doing any further actions. Stand is becoming aspen stand. Mature, healthy oak stand that appears to be unmanaged. The steep
8	4123 - I Canopy Species		Size Class		er Well		103	111-140 Density	N/A Avg. Height	Size	59% mortality with 59% FTG. Do not recommend doing any further
8						Sub-Ca					59% mortality with 59% FTG. Do not recommend doing any further actions. Stand is becoming aspen stand. Mature, healthy oak stand that appears to be unmanaged. The steep
8	Canopy Species	% Cover	Size Class	DBH		Sub-Ca	nopy Species	Density	Avg. Height	Size	59% mortality with 59% FTG. Do not recommend doing any further actions. Stand is becoming aspen stand. Mature, healthy oak stand that appears to be unmanaged. The steep
8	Canopy Species Bigtooth Aspen	% Cover	Size Class	DBH		Sub-Ca Wh	nopy Species nite Pine	Density Medium	Avg. Height Variable	Size Variable	59% mortality with 59% FTG. Do not recommend doing any further actions. Stand is becoming aspen stand. Mature, healthy oak stand that appears to be unmanaged. The steep
8	Canopy Species Bigtooth Aspen Red Maple	% Cover 1 17	Size Class	8 17		Sub-Ca Wh	nopy Species nite Pine d Maple	Density Medium Medium	Avg. Height Variable Variable	Size Variable Variable	59% mortality with 59% FTG. Do not recommend doing any further actions. Stand is becoming aspen stand. Mature, healthy oak stand that appears to be unmanaged. The steep
8	Canopy Species Bigtooth Aspen Red Maple Bigtooth Aspen	% Cover 1 17 5	Size Class	8 17 16	Age	Sub-Ca Wh	nopy Species nite Pine d Maple	Density Medium Medium	Avg. Height Variable Variable	Size Variable Variable	59% mortality with 59% FTG. Do not recommend doing any further actions. Stand is becoming aspen stand. Mature, healthy oak stand that appears to be unmanaged. The steep
8	Canopy Species Bigtooth Aspen Red Maple Bigtooth Aspen Red Oak	% Cover 1 17 5 52	Size Class	8 17 16 17	Age	Sub-Ca Wh	nopy Species nite Pine d Maple	Density Medium Medium	Avg. Height Variable Variable	Size Variable Variable	59% mortality with 59% FTG. Do not recommend doing any further actions. Stand is becoming aspen stand. Mature, healthy oak stand that appears to be unmanaged. The steep
8	Canopy Species Bigtooth Aspen Red Maple Bigtooth Aspen Red Oak White Pine	% Cover 1 17 5 52 2	Size Class	DBH 8 17 16 17 28	Age	Sub-Ca Wh	nopy Species nite Pine d Maple	Density Medium Medium	Avg. Height Variable Variable	Size Variable Variable	59% mortality with 59% FTG. Do not recommend doing any further actions. Stand is becoming aspen stand. Mature, healthy oak stand that appears to be unmanaged. The steep

15 100

13

16 101

14 68

Black/Red (Hybrid) Oak

White Pine

Black Cherry

											10al 0. Lilay. 202.	
Stan	d Level 4 Co	over Type	, , ,		ite	General Comments						
9	4310 - Pir	ne, Oak Mi	x S	Sawtimb	er Well	22.0	98	81-110	N/A	Λ.	Mixed pine and oak with aspen, the RP and JP planted in 1927.	
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy	y Species	Density	Avg. Height	Size	According the growth rings the red pine is much younger, the year of origin is closer to 1948. No significant subcanopy. Oak and aspen are	
	Red Pine	30		16	77	Blueberry/Bilber	ry/Cranber	ry Medium	5 - 10 feet	5 - 10 feet	dying out.	
	Jack Pine	15		11		Black Cl	herry	Low	Variable	Variable		
	Quaking Aspen	1		12								
Bla	ack/Red (Hybrid) Oak	45		15	98							
	White Pine	9		13								
10		Conifer			er Well	17.7 98		81-110	N/A		Mixed pine, oak, and aspen, RP JP planted in 1927. Aspen is dying out. Variable density. Relatively open understory with white pine	
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Canopy	y Species	Density	Avg. Height	Size	seedlings and saplings in pockets. Fern is likely holding back the advance regen.	
	White Pine	24		14	69	Red Ma	aple	Low	10 - 20 feet	10 - 20 feet	advance regen.	
Bla	ack/Red (Hybrid) Oak	36		16	98	White F	Pine	Low	< 5 feet	< 5 feet		
	White Oak	10		15		Black Cl	herry	Low	10 - 20 feet	10 - 20 feet		
	Red Pine	15		16	77						_	
	Quaking Aspen	5		14								
11		Mixed Upland Deciduous with F		Poletimber Well		38.7	8.7 30		N/A	Λ	Cut 1995. One of the poorest quality stands in the south end of the compartment. 1925 planting record of red and jack pine. The jack pine	
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Canopy	y Species	Density	Avg. Height	Size	has come back much better than the red pine.	
	Quaking Aspen	25	Sapling	6	30	Black Cl	herry	Medium	5 - 10 feet	5 - 10 feet		
Bla	ack/Red (Hybrid) Oak	25	Sapling	6		Jack P	ine	Trace	5 - 10 feet	5 - 10 feet		
	Black Cherry	23	Sapling	5		Black/Red (H	ybrid) Oak	Low	5 - 10 feet	5 - 10 feet		
	Red Pine	2		14		Red P	ine	Trace	5 - 10 feet	5 - 10 feet		
	Jack Pine	25	Sapling	6		White F	Pine	Low	Variable	Variable		
12		Mixed Pine duous	e, Mixed S	Sawtimb	er Well	31.8	100	111-140	N/A	1	Mature stand of red pine, white pine, oak and aspen. RP JP planted in 1925 according to records. Red pine cored at 92 years , white pine	
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Canopy	y Species	Density	Avg. Height	Size	68.	

Medium

Low

Low

Variable

5 - 10 feet

5 - 10 feet

Variable

5 - 10 feet

5 - 10 feet

Red Pine

Quaking Aspen

Northern Pin Oak

White Pine

45

15

20

20

Compartment: 82

3

4

3

3

Loa

Pole

Log

Log

19

Year of Entry: 2027 **General Comments** Stand Level 4 Cover Type Size Density Acres Stand Age BA Range **Managed Site** 4199 - Other Mixed Upland Deciduous Poletimber Well 65.6 30 1-50 N/A Stand was regenerated in 1995, red pine was planted in 1995, C71-13 557. Red pine did not take well. A few sapling white pine must have % Cover Size Class **DBH Age Sub-Canopy Species** Ava. Heiaht Size **Canopy Species** Density been left last harvest. White Oak >20 feet 5 Red Maple Low >20 feet Sapling 5 5 White Oak Low 5 - 10 feet 5 - 10 feet Bigtooth Aspen Sapling Quaking Aspen 30 Sapling 5 Black/Red (Hybrid) Oak Medium 5 - 10 feet 5 - 10 feet 1 4 Pole White Pine Low < 5 feet < 5 feet Red Maple 50 6 30 Black/Red (Hvbrid) Oak Sapling 6 1 Jack Pine Sapling Black Cherry 7 5 Sapling 7 Red Pine 1 Seedling 2 9 White Pine Seedling 14 4130 - Aspen Poletimber Well 10.0 30 1-50 N/A % Cover Size Class **DBH Age Sub-Canopy Species Canopy Species** Density Avg. Height Size Black Cherry 1 Log 4 White Oak Low 10 - 20 feet 10 - 20 feet 10 6 10 - 20 feet 10 - 20 feet Bigtooth Aspen Black Cherry Trace Quaking Aspen 65 6 30 Red Maple Medium Variable Variable Seedling 4 15 Beech < 5 feet < 5 feet Red Maple Log Trace White Pine 1 Sapling 5 5 Black/Red (Hybrid) Oak 7 Sapling White Oak 1 Pole 4 42111 - Planted Red Pine, Mixed Sawtimber Well 100 N/A 15 5.7 81-110 RP JP planted in 1925. Current coring lines up. Deciduous % Cover Size Class **Canopy Species DBH Age Sub-Canopy Species** Density Avg. Height Size Jack Pine 1 9 Common Or Ground Juniper Trace 5 - 10 feet 5 - 10 feet 16 Black/Red (Hybrid) Oak 24 Red Maple Medium Variable Variable Red Pine 72 16 100 Black/Red (Hybrid) Oak High Variable Variable 3 White Pine 9 Seedling White Pine Low Variable Variable White Oak Low 5 - 10 feet 5 - 10 feet 4125 - Black, N. Pin Oak Sapling Well 15.0 19 N/A **Immature** Stand was regenerated in 2006. 16 **DBH Age** Size **Canopy Species** % Cover Size Class **Sub-Canopy Species** Density Avg. Height Jack Pine 5 - 10 feet Pin Cherry Low 5 - 10 feet Log

Black/Red (Hybrid) Oak

Red Maple

Black Cherry

White Oak

84

5

5

5

Compartment: 82

Stand **Level 4 Cover Type** Size Density Acres Stand Age BA Range **Managed Site General Comments** 4130 - Aspen Poletimber Well 137.1 46 81-110 N/A Aspen stand that was regenerated in 1976. 17 % Cover Size Class **DBH Age** Ava. Heiaht Size **Canopy Species Sub-Canopy Species** Density White Pine 12 White Oak Low >20 feet >20 feet 73 9 46 Variable Bigtooth Aspen White Pine Trace Variable 7 Red Maple 10 Seedling Witch Hazel Medium 5 - 10 feet 5 - 10 feet 6 1 >20 feet White Oak Seedling Red Maple Medium >20 feet 5 9 Quaking Aspen 9 8 Black/Red (Hybrid) Oak 1 7 Black Cherry Seedling 4126 - White, Black, N. Pin Oak 71.2 96 18 Sawtimber Well 111-140 N/A Healthy oak stand with red maple and white pine understory. Appears to have had no previous management. Understory is relatively open. **DBH Age Sub-Canopy Species Canopy Species** % Cover Size Class Density Avg. Height Size White pine subcanopy ranges from low to high. >20 feet Black/Red (Hvbrid) Oak 55 14 96 White Pine >20 feet Medium Red Maple 10 14 High >20 feet >20 feet Red Maple White Pine 2 24 White Oak Low < 5 feet < 5 feet White Oak 23 14 10 - 20 feet 10 - 20 feet Red Maple Low Bigtooth Aspen 10 17 Black Cherry Medium < 5 feet < 5 feet 4191 - Mixed Upland Deciduous with Sawtimber Well 49 N/A White pine must have been sapling/pole advance regen last cut which 19 397 111-140 Conifer explains the age difference. **DBH Age Sub-Canopy Species Canopy Species** % Cover Size Class Density Avg. Height Size **Black Cherry** 3 Seedling 6 Red Maple Medium >20 feet >20 feet 6 Quaking Aspen 35 Seedling 49 White Pine Low < 5 feet < 5 feet 7 Black/Red (Hybrid) Oak 25 White Oak 10 - 20 feet 10 - 20 feet Seedling Low White Pine 30 13 61 Black/Red (Hybrid) Oak 10 - 20 feet 10 - 20 feet Low Bigtooth Aspen 2 9 5 8 Jack Pine Seedling 4131 - Aspen, Oak 79.9 30 1-50 N/A 20 Poletimber Well There are a couple open pockets where the cherry is falling apart. Size **Canopy Species** % Cover Size Class **DBH Age Sub-Canopy Species** Density Avg. Height 5 - 10 feet White Pine 1 14 Witch Hazel Trace 5 - 10 feet Red Maple 15 Pole 4 Black Cherry Low Variable Variable 30 6 30 Bigtooth Aspen Seedling White Pine Trace Variable Variable

Low

10 - 20 feet

10 - 20 feet

Quaking Aspen

Black/Red (Hybrid) Oak

Black Cherry

25

20

9

Seedling

Seedling

Sapling

6

6

5

30

Black/Red (Hybrid) Oak

Compartment: 82

port 7 – Stands Compartment: 82
Year of Entry: 2027

Stand	Level 4 Co	ver Type		Size De	nsity	Acres	Stand Age B	SA Range	Managed Si	te	General Comments
21	4131 - As	spen, Oak	ı	Poletimb	er Well	38.4	49	51-80	N/A		Occasional red, white pine poles present.
(Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
	Red Pine	1		9		Wh	nite Oak	Low	>20 feet	>20 feet	
Black	k/Red (Hybrid) Oak	43	Seedling	8	49	Wh	ite Pine	Trace	Variable	Variable	
	White Oak	2	Seedling	6							
	Red Maple	10	Seedling	6							
Е	Bigtooth Aspen	43	Seedling	7	49						
	White Pine	1		11							
22	4116 - Mixed N. I	-lardwood	Aspen	Sapling	Well	11.8	19	Immature	N/A		Stand was regenerated in 2006.
(Canopy Species	% Cover	Size Class	DBH	Age						
Black	k/Red (Hybrid) Oak	1	Log	3							
	Black Cherry	30	Log	3							
Е	Bigtooth Aspen	33	Log	3							
	White Pine	1		8							
	Red Maple	35	Log	3	19						
23	4131 - As	spen, Oak	ı	Poletimb	er Well	52.3	35	1-50	N/A		
-	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
	White Pine	1		12		Re	d Maple	High	Variable	Variable	
	Black Cherry	1	Seedling	6		Blac	k Cherry	Low	Variable	Variable	
			0 !:			2.0.0					_
	Red Maple	20	Sapling	6		2.0.0			1		
Black	Red Maple k/Red (Hybrid) Oak	20 25	Sapling	6	35				1		
	<u> </u>			-	35 35				,		
C	k/Red (Hybrid) Oak	25	Seedling	6					,		
C	k/Red (Hybrid) Oak Quaking Aspen Bigtooth Aspen 4191 - Mixed Upla	25 28 25	Seedling Seedling Seedling	6	35 35	43.3	100	51-80	N/A		Previous notes say planted rp and jp in 1925 wp planted in 1929. The oak likely existed as saplings during planting. It appears that the standard planting.
24	k/Red (Hybrid) Oak Quaking Aspen Bigtooth Aspen 4191 - Mixed Upla	25 28 25 25 nd Deciduo	Seedling Seedling Seedling	6 6 7 Sawtimb	35 35	43.3	100		N/A Avg. Height	Size	oak likely existed as saplings during planting. It appears that the stan was thinned perhaps when stand 23 to the west was cut in 1990
24	k/Red (Hybrid) Oak Quaking Aspen Bigtooth Aspen 4191 - Mixed Upla Coi	25 28 25 25 nd Deciduo	Seedling Seedling Seedling Dus with	6 6 7 Sawtimb	35 35 er Well	43.3 Sub-Car				Size Variable	oak likely existed as saplings during planting. It appears that the stan
24 Black	k/Red (Hybrid) Oak Quaking Aspen Bigtooth Aspen 4191 - Mixed Upla Col Canopy Species	25 28 25 25 and Deciduo nifer % Cover	Seedling Seedling Seedling Dus with	6 6 7 Sawtimb	35 35 er Well	43.3 Sub-Car	nopy Species	Density	Avg. Height		oak likely existed as saplings during planting. It appears that the stan was thinned perhaps when stand 23 to the west was cut in 1990 resulting in a significant cohort of red maple and aspen poles as of
24 Black	k/Red (Hybrid) Oak Quaking Aspen Bigtooth Aspen 4191 - Mixed Upla Col Canopy Species k/Red (Hybrid) Oak	25 28 25 25 and Deciduonifer % Cover 23	Seedling Seedling Seedling Dus with Size Class	6 6 7 Sawtimb	35 35 er Well	43.3 Sub-Car Rec	nopy Species d Maple	Density High	Avg. Height Variable	Variable	oak likely existed as saplings during planting. It appears that the stan was thinned perhaps when stand 23 to the west was cut in 1990 resulting in a significant cohort of red maple and aspen poles as of
24 Black	k/Red (Hybrid) Oak Quaking Aspen Bigtooth Aspen 4191 - Mixed Upla Col Canopy Species k/Red (Hybrid) Oak Black Cherry	25 28 25 25 25 26 27 28 20 20 20 20 20 20 20 20 20 20 20 20 20	Seedling Seedling Seedling Dus with Size Class	6 6 7 Sawtimb DBH 16 7	35 35 er Well Age 107	43.3 Sub-Car Rec	nopy Species d Maple nite Oak	Density High Low	Avg. Height Variable 10 - 20 feet	Variable 10 - 20 feet	oak likely existed as saplings during planting. It appears that the stan was thinned perhaps when stand 23 to the west was cut in 1990 resulting in a significant cohort of red maple and aspen poles as of
24 Black	k/Red (Hybrid) Oak Quaking Aspen Bigtooth Aspen 4191 - Mixed Upla Col Canopy Species k/Red (Hybrid) Oak Black Cherry Red Pine	25 28 25 25 25 28 25 29 29	Seedling Seedling Seedling Dus with Size Class	6 6 7 7 Sawtimb 16 7 17	35 35 er Well Age 107	43.3 Sub-Car Rec	nopy Species d Maple nite Oak	Density High Low	Avg. Height Variable 10 - 20 feet	Variable 10 - 20 feet	oak likely existed as saplings during planting. It appears that the star was thinned perhaps when stand 23 to the west was cut in 1990 resulting in a significant cohort of red maple and aspen poles as of
24 Black	k/Red (Hybrid) Oak Quaking Aspen Bigtooth Aspen 4191 - Mixed Upla Cor Canopy Species k/Red (Hybrid) Oak Black Cherry Red Pine White Pine	25 28 25 25 25 28 25 29 5 5	Seedling Seedling Seedling Dus with Size Class Seedling	6 6 7 Sawtimb 16 7 17 20	35 35 er Well Age 107 100 96	43.3 Sub-Car Rec	nopy Species d Maple nite Oak	Density High Low	Avg. Height Variable 10 - 20 feet	Variable 10 - 20 feet	oak likely existed as saplings during planting. It appears that the stan was thinned perhaps when stand 23 to the west was cut in 1990 resulting in a significant cohort of red maple and aspen poles as of
24 Black	k/Red (Hybrid) Oak Quaking Aspen Bigtooth Aspen 4191 - Mixed Upla Cor Canopy Species k/Red (Hybrid) Oak Black Cherry Red Pine White Pine Quaking Aspen	25 28 25 25 and Deciduonifer **Cover** 23 2 29 5 6	Seedling Seedling Seedling Dus with Size Class Seedling	6 6 7 Sawtimb 16 7 17 20 6	35 35 er Well Age 107 100 96	43.3 Sub-Car Rec	nopy Species d Maple nite Oak	Density High Low	Avg. Height Variable 10 - 20 feet	Variable 10 - 20 feet	oak likely existed as saplings during planting. It appears that the stan was thinned perhaps when stand 23 to the west was cut in 1990 resulting in a significant cohort of red maple and aspen poles as of

Compartment: 82 Year of Entry: 2027

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Stand	Level 4 Co	over Type		Size De	nsity	Acres	Stand Age B	A Range	Managed \$	Site	General Comments
25	4131 - A	spen, Oak		Sapling	Well	88.0	19 I	mmature	N//	Ą	Stand was regenerated in 2006.
(Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	
	Red Maple	15	Log	3		Whi	te Oak	Low	5 - 10 feet	5 - 10 feet	
C	Quaking Aspen	5	Log	3		Black/Red	(Hybrid) Oak	Low	< 5 feet	< 5 feet	
	White Pine	2	Sapling	5		Whi	te Pine	Low	< 5 feet	< 5 feet	
Е	Bigtooth Aspen	50	Log	4	19			,			_
	Black Cherry	1	Log	4							
Black	/Red (Hybrid) Oak	21	Log	3							
	Red Pine	1	Log	4							
	White Oak	5	Log	2							
26	4199 - Other Mixe	d Upland D	Deciduous	Sapling	Well	10.7	30	1-50	N//	Ą	NP JP WP planted in 1925, Stand was regenerated in 1995.
(Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	
C	Quaking Aspen	9	Sapling	5		Red	Maple	Medium	10 - 20 feet	10 - 20 feet	
Black	/Red (Hybrid) Oak	45	Sapling	5	30	Black/Red	(Hybrid) Oak	Low	5 - 10 feet	5 - 10 feet	
	Red Maple	20	Log	4		Whi	te Pine	Low	Variable	Variable	
	Black Cherry	1	Log	4		Witc	h Hazel	Low	5 - 10 feet	5 - 10 feet	
Е	Bigtooth Aspen	25	Sapling	5							
27	4131 - A	spen, Oak		Poletimb	er We	II 39.3	38	51-80	N//	4	White pine planted in 1929 at a density of100 tpa. Stand was
(Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	regenerated in 1985.
	Red Maple	5	Seedling	6		Witc	h Hazel	Medium	5 - 10 feet	5 - 10 feet	
Е	Bigtooth Aspen	43	Seedling	7	38	Black	Cherry	Low	Variable	Variable	
C	Quaking Aspen	10	Seedling	6		Red	Maple	Medium	10 - 20 feet	10 - 20 feet	
	White Pine	2		15		Whi	te Oak	Low	10 - 20 feet	10 - 20 feet	
Black	/Red (Hybrid) Oak	35	Seedling	6	38						_
	White Oak	5	Sapling	5							
28	4199 - Other Mixe	d Upland D	Deciduous	Sawtimb	er We	II 19.8	136	51-80	N//	A	Mixed deciduous stand that is surrounded by private on 3 sides.
(Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	Elevation drops to the east to a lowland which is mostly aspen and maple. The stand is complex overall. The stand has had multiple fir
	White Oak	5		13		Witc	h Hazel	Low	5 - 10 feet	5 - 10 feet	in the past, evidenced by a charred fire scar on a red pine in the SV
Black	/Red (Hybrid) Oak	45		16	136	Black/Red	(Hybrid) Oak	Medium	Variable	Variable	corner. The most recent cohort, likely originating from a past harves
	White Pine	5		11	56	Red	Maple	High	>20 feet	>20 feet	consists of red maple and trace ammounts of various species.
	Red Maple	25	Sapling	5	26	Whi	te Pine	Low	Variable	Variable	
	Black Cherry	1		9		Quaki	ng Aspen	Low	5 - 10 feet	5 - 10 feet	
						-			-	-	

Quaking Aspen

19

15

Roscommon Mgt. Unit Report 7 – Stands

Stand	Level 4 Co	over Type	;	Size De	insity	Acres Stand Age I		Managed S		General Comments
29	4191 - Mixed Upla Co	and Decidu	ous with S	Sawtimb	er Well	28.9 105	81-110	N/A		A few white pine cored younger than the oak. A well balanced stand with trees in the red oak group in decline. Red oaks on the west
(Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy Species	Density	Avg. Height	Size	panhandle are higher quality. Old notes: JP WP planted in 1931 at a density of 200 tpa. This parcel, along with the parcel to the NE is set
В	Bigtooth Aspen	25		16		Witch Hazel	Low	5 - 10 feet	5 - 10 feet	to be sold at public auction.
	Red Oak	8		15		White Pine	Low	Variable	Variable	·
	Red Maple	7		9		Red Maple	Low	Variable	Variable	
	White Oak	8		15		Black/Red (Hybrid) Oak	Low	Variable	Variable	
No	lorthern Pin Oak	29		16	105		Tallasio Vallasio			-
30	4130 -	- Aspen	S	Sawtimb	er Well	5.8 47	1-50	N/A		Japanese Barberry is plentiful enough to make the walk painful.
(Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy Species	Density	Avg. Height	Size	Stream along the railroad tracks.
	Quaking Aspen	99		10	47	Red Maple	Low	10 - 20 feet	10 - 20 feet	
	White Pine	1		21		White Pine	Low	Variable	Variable	
						Japanese Barberry	Medium	5 - 10 feet	5 - 10 feet	
						Bush Honeysuckle	Medium	5 - 10 feet	5 - 10 feet	
						Northern Pin Oak	Low	10 - 20 feet	10 - 20 feet	
31										
31	6128 - Lowland O	duous			er Well	15.1 151	111-140	N/A	.	The stand is mostly lowland with cedar and white pine. Red pine is present in trace ammounts. A small creek runs from west to east in
32	Decies	duous	, Mixed S	DBH	er Well	Sub-Canopy Species		Avg. Height	Size	present in trace ammounts. A small creek runs from west to east in the south part of the stand. ~20 yr old cedar blow downs have led to
32	Decides Paper Birch	% Cover		DB-		Sub-Canopy Species Black Spruce	Density Trace	Avg. Height Variable	Size Variable	present in trace ammounts. A small creek runs from west to east in the south part of the stand. ~20 yr old cedar blow downs have led to new cohort in these areas with white birch establishing along with cedar, black spruce, white pine, balsam fir, and even a few hemlock
32	Decides Canopy Species Paper Birch Balsam Fir	% Cover		DBH 16 9	I Age	Sub-Canopy Species Black Spruce Paper Birch	Density Trace Medium	Avg. Height Variable >20 feet	Size Variable >20 feet	present in trace ammounts. A small creek runs from west to east in the south part of the stand. ~20 yr old cedar blow downs have led to new cohort in these areas with white birch establishing along with cedar, black spruce, white pine, balsam fir, and even a few hemlock seedlings in the sub-canopy. A few Japanese Barberry present. A
32	Decinication Canopy Species Paper Birch Balsam Fir thern White Cedar	## duous ## Cover 1		DBH 16 9 12	1 Age	Sub-Canopy Species Black Spruce Paper Birch Balsam Fir	Density Trace	Avg. Height Variable >20 feet Variable	Variable >20 feet Variable	present in trace ammounts. A small creek runs from west to east in the south part of the stand. ~20 yr old cedar blow downs have led to new cohort in these areas with white birch establishing along with cedar, black spruce, white pine, balsam fir, and even a few hemlock seedlings in the sub-canopy. A few Japanese Barberry present. A
32 North	Canopy Species Paper Birch Balsam Fir thern White Cedar White Pine	**Cover		DBH 16 9 12 21	I Age	Sub-Canopy Species Black Spruce Paper Birch	Density Trace Medium	Avg. Height Variable >20 feet Variable >20 feet	Size Variable >20 feet Variable >20 feet	present in trace ammounts. A small creek runs from west to east in the south part of the stand. ~20 yr old cedar blow downs have led to new cohort in these areas with white birch establishing along with cedar, black spruce, white pine, balsam fir, and even a few hemlock seedlings in the sub-canopy. A few Japanese Barberry present. A unique stand for the compartment. Hard to age due to cedar heart ro
32 North	Decinication Canopy Species Paper Birch Balsam Fir thern White Cedar	% Cover 1 14 39 20 17		DBH 16 9 12 21 9	1 Age	Sub-Canopy Species Black Spruce Paper Birch Balsam Fir	Density Trace Medium Low	Avg. Height Variable >20 feet Variable	Variable >20 feet Variable	present in trace ammounts. A small creek runs from west to east in the south part of the stand. ~20 yr old cedar blow downs have led to new cohort in these areas with white birch establishing along with cedar, black spruce, white pine, balsam fir, and even a few hemlock seedlings in the sub-canopy. A few Japanese Barberry present. A unique stand for the compartment. Hard to age due to cedar heart ro
32 North	Canopy Species Paper Birch Balsam Fir thern White Cedar White Pine	**Cover		DBH 16 9 12 21	1 Age	Sub-Canopy Species Black Spruce Paper Birch Balsam Fir Balsam Poplar	Density Trace Medium Low Low	Avg. Height Variable >20 feet Variable >20 feet	Size Variable >20 feet Variable >20 feet	present in trace ammounts. A small creek runs from west to east in the south part of the stand. ~20 yr old cedar blow downs have led to new cohort in these areas with white birch establishing along with cedar, black spruce, white pine, balsam fir, and even a few hemlock seedlings in the sub-canopy. A few Japanese Barberry present. A unique stand for the compartment. Hard to age due to cedar heart ro
32 North	Canopy Species Paper Birch Balsam Fir thern White Cedar White Pine Quaking Aspen Tamarack	% Cover 1 14 39 20 17	Size Class Seedling	DBH 16 9 12 21 9 8	1 Age	Sub-Canopy Species Black Spruce Paper Birch Balsam Fir Balsam Poplar Hemlock	Density Trace Medium Low Low	Avg. Height Variable >20 feet Variable >20 feet	Size Variable >20 feet Variable >20 feet < 5 feet	present in trace ammounts. A small creek runs from west to east in the south part of the stand. ~20 yr old cedar blow downs have led to new cohort in these areas with white birch establishing along with cedar, black spruce, white pine, balsam fir, and even a few hemlock seedlings in the sub-canopy. A few Japanese Barberry present. A unique stand for the compartment. Hard to age due to cedar heart ro My estimate is 150. Balsam fir in the subcanopy ranges from none to full. This parcel is to
32 North	Canopy Species Paper Birch Balsam Fir thern White Cedar White Pine Quaking Aspen Tamarack	w Cover 1 14 39 20 17 5 spen, Oak	Size Class Seedling	DBH 16 9 12 21 9 8	1 Age 151 151	Sub-Canopy Species Black Spruce Paper Birch Balsam Fir Balsam Poplar Hemlock	Density Trace Medium Low Low Trace	Avg. Height Variable >20 feet Variable >20 feet < 5 feet	Size Variable >20 feet Variable >20 feet < 5 feet	present in trace ammounts. A small creek runs from west to east in the south part of the stand. ~20 yr old cedar blow downs have led to new cohort in these areas with white birch establishing along with cedar, black spruce, white pine, balsam fir, and even a few hemlock seedlings in the sub-canopy. A few Japanese Barberry present. A unique stand for the compartment. Hard to age due to cedar heart ro My estimate is 150.
32 North	Canopy Species Paper Birch Balsam Fir thern White Cedar White Pine Quaking Aspen Tamarack 4131 - As	w Cover 1 14 39 20 17 5 spen, Oak	Size Class Seedling	DBH 16 9 12 21 9 8	151 151 151	Sub-Canopy Species Black Spruce Paper Birch Balsam Fir Balsam Poplar Hemlock	Density Trace Medium Low Low Trace	Avg. Height Variable >20 feet Variable >20 feet < 5 feet	Size Variable >20 feet Variable >20 feet < 5 feet	present in trace ammounts. A small creek runs from west to east in the south part of the stand. ~20 yr old cedar blow downs have led to new cohort in these areas with white birch establishing along with cedar, black spruce, white pine, balsam fir, and even a few hemlock seedlings in the sub-canopy. A few Japanese Barberry present. A unique stand for the compartment. Hard to age due to cedar heart ro My estimate is 150. Balsam fir in the subcanopy ranges from none to full. This parcel is to
North	Decide Canopy Species Paper Birch Balsam Fir thern White Cedar White Pine Quaking Aspen Tamarack 4131 - Ast Canopy Species	## Cover 1 14 39 20 17 5 5 5 5 5 5 6 6 6 6	Size Class Seedling	DBH 16 9 12 21 9 8 Sawtimb	151 151 151	Sub-Canopy Species Black Spruce Paper Birch Balsam Fir Balsam Poplar Hemlock 9.4 102 Sub-Canopy Species	Density Trace Medium Low Low Trace 81-110 Density	Avg. Height Variable >20 feet Variable >20 feet < 5 feet N/A Avg. Height	Size Variable >20 feet Variable >20 feet < 5 feet	present in trace ammounts. A small creek runs from west to east in the south part of the stand. ~20 yr old cedar blow downs have led to new cohort in these areas with white birch establishing along with cedar, black spruce, white pine, balsam fir, and even a few hemlock seedlings in the sub-canopy. A few Japanese Barberry present. A unique stand for the compartment. Hard to age due to cedar heart ro My estimate is 150. Balsam fir in the subcanopy ranges from none to full. This parcel is to
32 North	Canopy Species Paper Birch Balsam Fir thern White Cedar White Pine Quaking Aspen Tamarack 4131 - As Canopy Species Red Maple	## Cover 1	Size Class Seedling	DBH 16 9 12 21 9 8 Sawtimb	151 151 151 eer Well	Sub-Canopy Species Black Spruce Paper Birch Balsam Fir Balsam Poplar Hemlock 9.4 102 Sub-Canopy Species White Pine	Density Trace Medium Low Low Trace 81-110 Density Trace	Avg. Height Variable >20 feet Variable >20 feet < 5 feet N/A Avg. Height Variable	Size Variable >20 feet Variable >20 feet < 5 feet Size Variable	present in trace ammounts. A small creek runs from west to east in the south part of the stand. ~20 yr old cedar blow downs have led to new cohort in these areas with white birch establishing along with cedar, black spruce, white pine, balsam fir, and even a few hemlock seedlings in the sub-canopy. A few Japanese Barberry present. A unique stand for the compartment. Hard to age due to cedar heart ro My estimate is 150. Balsam fir in the subcanopy ranges from none to full. This parcel is to
North G B Black	Canopy Species Paper Birch Balsam Fir thern White Cedar White Pine Quaking Aspen Tamarack 4131 - As Canopy Species Red Maple Bigtooth Aspen	## Cover	Seedling Seedling Size Class	DBH	151 151 151 eer Well 1 Age 102 102 g Well	Sub-Canopy Species Black Spruce Paper Birch Balsam Fir Balsam Poplar Hemlock 9.4 102 Sub-Canopy Species White Pine Red Maple Balsam Fir 41.1 29	Density Trace Medium Low Low Trace 81-110 Density Trace Low Medium 1-50	Avg. Height Variable >20 feet Variable >20 feet < 5 feet N/A Avg. Height Variable Variable	Size Variable >20 feet Variable >20 feet < 5 feet Size Variable Variable Variable Variable	present in trace ammounts. A small creek runs from west to east in the south part of the stand. ~20 yr old cedar blow downs have led to new cohort in these areas with white birch establishing along with cedar, black spruce, white pine, balsam fir, and even a few hemlock seedlings in the sub-canopy. A few Japanese Barberry present. A unique stand for the compartment. Hard to age due to cedar heart ro My estimate is 150. Balsam fir in the subcanopy ranges from none to full. This parcel is to be sold at public auction. White oak is more prevalent on the ridges, where trees are generally
32 North 33 6 Black	Canopy Species Paper Birch Balsam Fir thern White Cedar White Pine Quaking Aspen Tamarack 4131 - As Canopy Species Red Maple Bigtooth Aspen k/Red (Hybrid) Oak 4199 - Other Mixed Canopy Species	## Cover 1	Size Class Seedling Size Class	DBH 16 9 12 21 9 8 Sawtimb 14 17 16 Sapling	151 151 151 eer Well 1 Age	Sub-Canopy Species Black Spruce Paper Birch Balsam Fir Balsam Poplar Hemlock 9.4 102 Sub-Canopy Species White Pine Red Maple Balsam Fir 41.1 29 Sub-Canopy Species	Density Trace Medium Low Low Trace 81-110 Density Trace Low Medium 1-50 Density	Avg. Height Variable >20 feet Variable >20 feet < 5 feet N/A Avg. Height Variable Variable Variable Variable Avg. Height	Size Variable >20 feet Variable >20 feet < 5 feet Size Variable Variable Variable Variable Variable	present in trace ammounts. A small creek runs from west to east in the south part of the stand. ~20 yr old cedar blow downs have led to new cohort in these areas with white birch establishing along with cedar, black spruce, white pine, balsam fir, and even a few hemlock seedlings in the sub-canopy. A few Japanese Barberry present. A unique stand for the compartment. Hard to age due to cedar heart ro My estimate is 150. Balsam fir in the subcanopy ranges from none to full. This parcel is to be sold at public auction.
32 North 33 6 Black	Canopy Species Paper Birch Balsam Fir thern White Cedar White Pine Quaking Aspen Tamarack 4131 - As Canopy Species Red Maple Bigtooth Aspen k/Red (Hybrid) Oak 4199 - Other Mixed Canopy Species Red Maple	## Cover	Size Class Seedling Size Class Deciduous Size Class Pole	DBH 16 9 12 21 9 8 Sawtimb DBH 14 17 16 Sapling DBH 4	151 151 151 eer Well 1 Age 102 102 g Well	Sub-Canopy Species Black Spruce Paper Birch Balsam Fir Balsam Poplar Hemlock 9.4 102 Sub-Canopy Species White Pine Red Maple Balsam Fir 41.1 29 Sub-Canopy Species Red Maple	Density Trace Medium Low Low Trace 81-110 Density Trace Low Medium 1-50	Avg. Height Variable >20 feet Variable >20 feet < 5 feet N/A Avg. Height Variable Variable Variable Variable N/A Avg. Height 10 - 20 feet	Size Variable >20 feet Variable >20 feet < 5 feet Size Variable Variable Variable Variable Variable 10 - 20 feet	present in trace ammounts. A small creek runs from west to east in the south part of the stand. ~20 yr old cedar blow downs have led to new cohort in these areas with white birch establishing along with cedar, black spruce, white pine, balsam fir, and even a few hemlock seedlings in the sub-canopy. A few Japanese Barberry present. A unique stand for the compartment. Hard to age due to cedar heart ro My estimate is 150. Balsam fir in the subcanopy ranges from none to full. This parcel is to be sold at public auction. White oak is more prevalent on the ridges, where trees are generally smaller in diameter. Old notes: Planted to rp and jp in 1924, TSI in 1964. Regenerated in 1996.
32 North 33 B Black 34	Canopy Species Paper Birch Balsam Fir thern White Cedar White Pine Quaking Aspen Tamarack 4131 - As Canopy Species Red Maple Bigtooth Aspen k/Red (Hybrid) Oak 4199 - Other Mixed Canopy Species Red Maple White Oak	## Cover 1	Size Class Seedling Size Class	DBH 16 9 12 21 9 8 Sawtimb 14 17 16 Sapling	151 151 151 1 151 1 Age 102 102 104 1 Age	Sub-Canopy Species Black Spruce Paper Birch Balsam Fir Balsam Poplar Hemlock 9.4 102 Sub-Canopy Species White Pine Red Maple Balsam Fir 41.1 29 Sub-Canopy Species Red Maple White Oak	Density Trace Medium Low Low Trace 81-110 Density Trace Low Medium 1-50 Density Medium Low	Avg. Height Variable >20 feet Variable >20 feet < 5 feet N/A Avg. Height Variable Variable Variable Variable 10 - 20 feet 10 - 20 feet	Size Variable >20 feet Variable >20 feet Variable >20 feet < 5 feet Size Variable Variable Variable 10 - 20 feet 10 - 20 feet	present in trace ammounts. A small creek runs from west to east in the south part of the stand. ~20 yr old cedar blow downs have led to new cohort in these areas with white birch establishing along with cedar, black spruce, white pine, balsam fir, and even a few hemlock seedlings in the sub-canopy. A few Japanese Barberry present. A unique stand for the compartment. Hard to age due to cedar heart ro My estimate is 150. Balsam fir in the subcanopy ranges from none to full. This parcel is to be sold at public auction. White oak is more prevalent on the ridges, where trees are generally smaller in diameter. Old notes: Planted to rp and jp in 1924, TSI in 1964. Regenerated in 1996.
32 North 33 B Black 34	Canopy Species Paper Birch Balsam Fir thern White Cedar White Pine Quaking Aspen Tamarack 4131 - As Canopy Species Red Maple Bigtooth Aspen k/Red (Hybrid) Oak 4199 - Other Mixed Canopy Species Red Maple	## Cover	Size Class Seedling Size Class Deciduous Size Class Pole	DBH 16 9 12 21 9 8 Sawtimb DBH 14 17 16 Sapling DBH 4 4 5	151 151 151 eer Well 1 Age 102 102 g Well	Sub-Canopy Species Black Spruce Paper Birch Balsam Fir Balsam Poplar Hemlock 9.4 102 Sub-Canopy Species White Pine Red Maple Balsam Fir 41.1 29 Sub-Canopy Species Red Maple White Oak Black/Red (Hybrid) Oak	Density Trace Medium Low Low Trace 81-110 Density Trace Low Medium 1-50 Density Medium Low	Avg. Height Variable >20 feet Variable >20 feet < 5 feet N/A Avg. Height Variable Variable Variable Variable 10 - 20 feet 10 - 20 feet 10 - 20 feet	Size Variable >20 feet Variable >20 feet Variable Size Variable Variable Variable Variable 10 - 20 feet 10 - 20 feet 10 - 20 feet	present in trace ammounts. A small creek runs from west to east in the south part of the stand. ~20 yr old cedar blow downs have led to new cohort in these areas with white birch establishing along with cedar, black spruce, white pine, balsam fir, and even a few hemlock seedlings in the sub-canopy. A few Japanese Barberry present. A unique stand for the compartment. Hard to age due to cedar heart ro My estimate is 150. Balsam fir in the subcanopy ranges from none to full. This parcel is to be sold at public auction. White oak is more prevalent on the ridges, where trees are generally smaller in diameter. Old notes: Planted to rp and jp in 1924, TSI in 1964. Regenerated in 1996.
North G 33 Black Black B	Canopy Species Paper Birch Balsam Fir thern White Cedar White Pine Quaking Aspen Tamarack 4131 - As Canopy Species Red Maple Bigtooth Aspen k/Red (Hybrid) Oak 4199 - Other Mixed Canopy Species Red Maple White Oak	## Cover 1	Size Class Seedling Size Class Peciduous Size Class Pole Log	DBH 16 9 12 21 9 8 Sawtimb DBH 14 17 16 Sapling DBH 4 4	151 151 151 1 151 1 Age 102 102 104 1 Age	Sub-Canopy Species Black Spruce Paper Birch Balsam Fir Balsam Poplar Hemlock 9.4 102 Sub-Canopy Species White Pine Red Maple Balsam Fir 41.1 29 Sub-Canopy Species Red Maple White Oak	Density Trace Medium Low Low Trace 81-110 Density Trace Low Medium 1-50 Density Medium Low	Avg. Height Variable >20 feet Variable >20 feet < 5 feet N/A Avg. Height Variable Variable Variable Variable 10 - 20 feet 10 - 20 feet	Size Variable >20 feet Variable >20 feet Variable >20 feet < 5 feet Size Variable Variable Variable 10 - 20 feet 10 - 20 feet	present in trace ammounts. A small creek runs from west to east in the south part of the stand. ~20 yr old cedar blow downs have led to a new cohort in these areas with white birch establishing along with cedar, black spruce, white pine, balsam fir, and even a few hemlock seedlings in the sub-canopy. A few Japanese Barberry present. A unique stand for the compartment. Hard to age due to cedar heart rot My estimate is 150. Balsam fir in the subcanopy ranges from none to full. This parcel is to be sold at public auction. White oak is more prevalent on the ridges, where trees are generally smaller in diameter. Old notes: Planted to rp and jp in 1924, TSI in 1964. Regenerated in 1996.

Compartment: 82

5

7 35

Sapling

Seedling

Black/Red (Hybrid) Oak

Black Cherry

White Oak

Stand **Level 4 Cover Type** Size Density Acres Stand Age BA Range **Managed Site General Comments** 40.9 4131 - Aspen. Oak Poletimber Well 40 81-110 N/A Old notes: Stand was regenerated in 1985. 35 % Cover Size Class **DBH Age Sub-Canopy Species** Size **Canopy Species** Density Ava. Heiaht 10 - 20 feet Red Maple 20 6 40 Black/Red (Hybrid) Oak Low 10 - 20 feet Seedling 5 16 White Pine Red Maple Medium >20 feet >20 feet White Oak 1 Seedling 6 Witch Hazel Low 5 - 10 feet 5 - 10 feet 7 52 40 10 - 20 feet 10 - 20 feet Bigtooth Aspen Seedling White Oak Trace 22 6 Black/Red (Hvbrid) Oak Seedling 4125 - Black, N. Pin Oak Sawtimber Well 168.9 111 111-140 N/A Large healthy oak stand mixed with aspen and maple, the density and 36 diameters vary with the site quality. There is white pine and red maple % Cover Size Class Size **Canopy Species DBH Age Sub-Canopy Species** Density Avg. Height in the understory that is dense in some places. Bigtooth Aspen 10 16 Red Maple Medium Variable Variable 3 11 White Pine White Pine Low Variable Variable Black/Red (Hybrid) Oak 72 15 5 - 10 feet 5 - 10 feet 111 Witch Hazel Medium 7 Red Maple 5 Seedling White Oak 10 14 37 4126 - White, Black, N. Pin Oak Sawtimber Well 3.4 105 51-80 N/A Heavy red maple understory likelyinitiated by the cutting of adjacentstand 38 in 1996 and the gradual loss of red/black oaks. The **Canopy Species** % Cover Size Class **DBH Age Sub-Canopy Species** Density Avg. Height Size basal area is variable < 5 feet Quaking Aspen 20 11 White Oak Low < 5 feet 8 29 Full Red Maple Log 4 Red Maple 10 - 20 feet 10 - 20 feet 2 15 Red Maple 18 Black/Red (Hybrid) Oak 15 105 White Oak 55 15 105 4130 - Aspen 7.7 29 1-50 N/A Poletimber Well Small bigtooth aspen stand that was regenerated in 1996. 38 Size **Canopy Species** % Cover Size Class **DBH Age Sub-Canopy Species** Density Avg. Height >20 feet Red Maple 13 6 Red Maple Medium >20 feet Seedling 6 Black/Red (Hybrid) Oak 12 Seedling Witch Hazel Low 5 - 10 feet 5 - 10 feet 75 7 29 Biatooth Aspen Seedling 4131 - Aspen, Oak Poletimber Well 25.8 35 1-50 N/A 39 % Cover Size Class **DBH Age Sub-Canopy Species** Density Size **Canopy Species** Avg. Height White Pine 15 1 White Pine Low Variable Variable Red Pine 1 15 >20 feet >20 feet Red Maple Low Black/Red (Hvbrid) Oak 35 Seedling 6 Witch Hazel Low 5 - 10 feet 5 - 10 feet

10 - 20 feet

10 - 20 feet

10 - 20 feet

Low

Low

Low

10 - 20 feet

10 - 20 feet

10 - 20 feet

Red Maple

Bigtooth Aspen

15

48

Compartment: 82

Roscommon Mgt. Unit Report 7 – Stands Compartment: 82
Year of Entry: 2027

Stand	Level 4 Co	over Type		Size De	nsity	Acres S	tand Age B	A Range	Managed S	ite	General Comments
40	4125 - Blac	k, N. Pin O	ak	Poletimb	er Well	11.9	37	1-50	N/A	\	
С	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Cano	py Species	Density	Avg. Height	Size	
	White Oak	5		7		Black/Red	(Hybrid) Oak	Low	5 - 10 feet	5 - 10 feet	
Black/	/Red (Hybrid) Oak	81	Seedling	6	37	White	e Pine	Low	10 - 20 feet	10 - 20 feet	
	Jack Pine	5	Seedling	7		Black	Cherry	Low	10 - 20 feet	10 - 20 feet	
E	Black Cherry	5	Sapling	5							-
	White Pine	4		13							
41	4131 - A	spen, Oak		Poletimb	er Well	17.7	49	81-110	N/A	1	Oak, aspen, red maple, trace ammounts of white pine.
С	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Cano	py Species	Density	Avg. Height	Size	
	Red Maple	24	Seedling	6		Whit	e Oak	Trace	Variable	Variable	
	White Oak	1	Seedling	7		White	e Pine	Low	< 5 feet	< 5 feet	
Q	uaking Aspen	20	Seedling	7		Black/Red	(Hybrid) Oak	Low	Variable	Variable	
Bi	igtooth Aspen	30		8	49	Red	Maple	Low	>20 feet	>20 feet	
Black/	/Red (Hybrid) Oak	25	Seedling	7	49					1	•
42	4130 -	- Aspen		Poletimb	er Well	12.3	49	51-80	N/A	1	
С	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Cand	py Species	Density	Avg. Height	Size	
	Red Maple	10	Seedling	6		Red	Maple	High	>20 feet	>20 feet	
Е	Black Cherry	1	Sapling	6		Black	Cherry	Trace	10 - 20 feet	10 - 20 feet	
Bi	igtooth Aspen	73		10	49	Witch	Hazel	Low	5 - 10 feet	5 - 10 feet	
	White Pine	1		14							-
Black/	/Red (Hybrid) Oak	15		8							
43	3102	- Grass		Nor	ne	2.4			No		An open area in the bottom of a light valley running SW to NE. Low
						Sub-Cand	py Species	Density	Avg. Height	Size	quality soils.
						Black/Red	(Hybrid) Oak	High	>20 feet	>20 feet	
44	4131 - A	spen, Oak		Sawtimb	er Well	31.2	49	81-110	N/A	1	
С	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Cand	py Species	Density	Avg. Height	Size	
Bi	igtooth Aspen	69		10	49	Red	Maple	Medium	>20 feet	>20 feet	
E	Black Cherry	1	Seedling	7		Witch	Hazel	Low	5 - 10 feet	5 - 10 feet	
	Red Maple	10	Seedling	8							-
Black/	/Red (Hybrid) Oak	20		10	49						
45	4125 - Blac	k, N. Pin O	ak	Sawtimb	er Poor	37.3	100	1-50	N/A	1	Stand was shelterwood harvested in the fall 2016. Sapling/pole red
С	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Cano	py Species	Density	Avg. Height	Size	and white pine throughout. Many of the log/pole oak that where left have died. Red maple and oak are filling in.
	White Oak	15		13			Maple	High	10 - 20 feet	10 - 20 feet	That's also. That maple and salt are mining in.
Black/	/Red (Hybrid) Oak	84		14	100	Black/Red	(Hybrid) Oak	Low	10 - 20 feet	10 - 20 feet	
	White Pine	1	Seedling	7			e Oak	Low	10 - 20 feet	10 - 20 feet	
						Witch	Hazel	Low	5 - 10 feet	5 - 10 feet	
						\	e Pine	Medium	10 - 20 feet	10 - 20 feet	1

Year of Entry: 2027 Stand **Level 4 Cover Type** Size Density Acres Stand Age BA Range **Managed Site General Comments** 4125 - Black, N. Pin Oak 36.0 Poletimber Well 40 51-80 N/A Oak stand that was regenerated in 1985. Decent red pine component 46 in the southern end. % Cover Size Class **DBH Age Sub-Canopy Species** Size **Canopy Species** Density Avg. Height Red Maple 6 White Pine 5 - 10 feet 5 - 10 feet 10 Seedling Trace 12 7 5 - 10 feet Bigtooth Aspen Seedling Witch Hazel Low 5 - 10 feet Red Pine 5 Seedling 8 Black Cherry Low 10 - 20 feet 10 - 20 feet 3 6 White Oak Black/Red (Hybrid) Oak >20 feet >20 feet Seedling Low 70 7 40 White Oak 10 - 20 feet 10 - 20 feet Black/Red (Hvbrid) Oak Seedling Low 4125 - Black, N. Pin Oak Poletimber Medium 4 1 35 1-50 N/A Small oak stand that didn't guite fill completely in. ATV activity due to 47 steep hill. DBH Age % Cover Size Class **Sub-Canopy Species** Size **Canopy Species** Density Avg. Height Red Maple 5 Seedling 6 Black/Red (Hybrid) Oak Low < 5 feet < 5 feet 94 7 35 Black/Red (Hybrid) Oak Seedling White Oak 5 1 Sapling 3102 - Grass None 8.0 No A good future landing option. 48 **Sub-Canopy Species** Density Avg. Height Size Black/Red (Hybrid) Oak High >20 feet >20 feet Bigtooth Aspen Full >20 feet >20 feet 4125 - Black, N. Pin Oak Poletimber Well 43.0 47 51-80 N/A Split off from 52. This side has much more oak. 49 **Canopy Species** % Cover Size Class **DBH Age Sub-Canopy Species** Density Avg. Height Size 65 8 5 - 10 feet 5 - 10 feet Black/Red (Hybrid) Oak Seedling 47 Witch Hazel Trace 8 20 47 Bigtooth Aspen Seedling Red Maple Medium >20 feet >20 feet 7 Red Maple 15 Seedling 4125 - Black N. Pin Oak EΛ Poletimber Well 10.3 10 81-110 NI/A Was cut with the stand to the south. This stand is higher/dryer, hence

Э	U +125 - Blac	JK, 14. 1 III C	Jak	i Oletiiii	CI VVCI	1 13.5	43	01-110	11/7	`	the self
	Canopy Species	% Cover	Size Class	DBI	I Age	Sub-Can	opy Species	Density	Avg. Height	Size	the oak.
Е	Black/Red (Hybrid) Oak	85	Seedling	8	49	Whi	te Oak	Trace	< 5 feet	< 5 feet	
	White Oak	5	Seedling	7		Witc	h Hazel	Low	5 - 10 feet	5 - 10 feet	
	Red Pine	10		10		Black/Red	(Hybrid) Oak	Low	10 - 20 feet	10 - 20 feet	
	1 4131 - A	Aspen, Oak		Poletimb	er Wel	l 21.3	29	1-50	N/A	Α	Aspen maple stand that was regenerated in 1996. There is a dec

Canopy Species	% Cove	r Size Class	DBH	I Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	34	Sapling	5	29	Red Maple	Medium	10 - 20 feet	10 - 20 feet
White Oak	1	Sapling	5		Witch Hazel	Low	5 - 10 feet	5 - 10 feet
Black/Red (Hybrid) Oak	20	Sapling	5			,		
Black Cherry	5	Pole	4					

6 29 Aspen maple stand that was regenerated in 1996. There is a decent oak component on the higher areas.

Compartment: 82

Bigtooth Aspen

40

Seedling

51

Sawtimber Well

18

10

15

14

6

DBH Age

97

Sub-Canopy Species

Red Maple

White Pine

% Cover Size Class

Sapling

17

10

50

20

3

Year of Entry: 2027 Stand **Level 4 Cover Type** Size Density Acres Stand Age BA Range **Managed Site General Comments** 38.0 4130 - Aspen Poletimber Well 47 81-110 N/A 52 % Cover Size Class **DBH Age Sub-Canopy Species** Size **Canopy Species** Density Ava. Height 9 Bigtooth Aspen 75 47 Witch Hazel Trace 5 - 10 feet 5 - 10 feet 10 8 Black/Red (Hvbrid) Oak Seedling Red Maple Medium >20 feet >20 feet Red Maple 15 Seedling 7 53 4125 - Black, N. Pin Oak Sawtimber Poor 24.4 98 1-50 N/A Stand seed tree harvested in the fall 2016. A patchy distribution of oak, white pine, and red maple saplings is developing. **DBH Age Canopy Species** % Cover Size Class **Sub-Canopy Species** Density Avg. Height Size White Pine 14 Black/Red (Hybrid) Oak High 5 - 10 feet 5 - 10 feet 10 White Oak 11 White Oak 5 - 10 feet 5 - 10 feet Medium Black/Red (Hybrid) Oak 89 13 98 White Pine Low 5 - 10 feet 5 - 10 feet Blueberry/Bilberry/Cranberry Low 5 - 10 feet 5 - 10 feet 10 - 20 feet Red Maple Hiah 10 - 20 feet 4125 - Black, N. Pin Oak 9.2 Poletimber Well 51 N/A Oak stand that was regenerated in 1974. Seems to be a poor site for 54 51-80 oak, there is a small ammount of red pine in the stand that is % Cover Size Class **Canopy Species DBH Age Sub-Canopy Species** Density Avg. Height Size outcompeting the oak. White Pine 6 14 Witch Hazel Trace 5 - 10 feet 5 - 10 feet Bigtooth Aspen 12 Seedling 6 White Pine Low 5 - 10 feet 5 - 10 feet 5 White Oak 2 White Oak 10 - 20 feet Sapling Low 10 - 20 feet 7 Black/Red (Hybrid) Oak 60 Seedling 51 Black/Red (Hybrid) Oak 10 - 20 feet 10 - 20 feet Low 9 Red Pine 15 Seedling Red Maple 5 6 Seedling 4199 - Other Mixed Upland Deciduous 1.3 23 1-50 N/A 55 Sapling Poor Small stand that is being reforested, looks like an old landing site from the adjacent cut. % Cover Size Class **Canopy Species DBH Age** Red Maple 45 4 Log 3 23 55 Black/Red (Hybrid) Oak Log 4126 - White, Black, N. Pin Oak 28.6 97 111-140 N/A

Density

Low

Low

Avg. Height

>20 feet

10 - 20 feet

Size

>20 feet

10 - 20 feet

Canopy Species

Bigtooth Aspen

Red Maple

Black/Red (Hybrid) Oak

White Oak White Pine

56

Mixed oak stand with scattered large bigtooth aspen.

Compartment: 82

6

7

4

Sapling

Seedling

Log

Black/Red (Hybrid) Oak

Blueberry/Bilberry/Cranberry

	Stand Level 4 Cover Type S										Year of Entry: 2027
Stand	Level 4 Co	over Type		Size De	nsity	Acres	Stand Age E	BA Range	Managed S	Site	General Comments
57	4199 - Other Mixed	d Upland D	eciduous	Poletimb	er Well	50.1	41	51-80	N/A	4	Aspen and mixed deciduous stand that was regenerated in 1984.
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Car	nopy Species	Density	Avg. Height	Size	Last cut some white pine saplings must have been left- there is a mix of pine poles/logs throughout. Hardwoods need more girth before a
	Red Pine	1		8		Witc	ch Hazel	Medium	5 - 10 feet	5 - 10 feet	sale. hold until 2034.
	Red Maple	15	Seedling	6		Black/Red	d (Hybrid) Oak	Medium	10 - 20 feet	10 - 20 feet	
	White Pine	15		11		Red	d Maple	Medium	>20 feet	>20 feet	
Blad	ck/Red (Hybrid) Oak	25	Seedling	7							-
	Bigtooth Aspen	39	Seedling	7	41						
	White Oak	5	Seedling	6							
58											was salvaged and then was to be replanted to red pine. Had some oak resprouting in it. Left island of mature red pine that eventually died because of the fire's effects and are snags. Third year regeneration check found the red pine mortality was low enough to not need a replant. The scheduled release spray is still a must because of FTG concerns. Release spray FTP is C71-1015. Release sprayed 09/2020.FTP was approved at 2009 compartment review for site prep and planting of red pine and oak W71-841. This has not been done. Submitted FTP C71-963 to plant with red pine with the areas to the east affected by the wildfire. (DB). Trenched in 2016 and planted to red pine in 2017. Poor survival of red pine. Pockets of acceptably stocked areas throughout. Aspen, red maple, oak, and jack pine coming in. No management action is recommended.
59	4139 - Aspen, N			Saplin		20.6		Immature	N/A		Stand was regenerated in 1997.
	Canopy Species		Size Class		I Age		nopy Species		Avg. Height	Size	
	Bigtooth Aspen	36	Log	4	28		d Maple	Low	10 - 20 feet	10 - 20 feet	
	Red Maple	26	Log	3			d (Hybrid) Oak		10 - 20 feet	10 - 20 feet	
Blad	ck/Red (Hybrid) Oak	18	Log	4		Blac	k Cherry	Trace	5 - 10 feet	5 - 10 feet	
	Quaking Aspen	20	Log	4	28						
60	4130 -	- Aspen		Poletimb	er Well	12.7	29	1-50	N/A	4	Aspen stand that was regenerated in 1996.
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
	White Oak	3	Log	4		Red	d Maple	High	>20 feet	>20 feet	
	Bigtooth Aspen	68	Sapling	6	29	Blac	k Cherry	Low	10 - 20 feet	10 - 20 feet	
	White Pine	1		10		Witc	ch Hazel	Low	5 - 10 feet	5 - 10 feet	

Black/Red (Hybrid) Oak

Red Pine

Red Maple

7

1

20

10 - 20 feet

5 - 10 feet

10 - 20 feet

5 - 10 feet

Low

Low

Compartment: 82

Stand Level 4 Cover Type				Size Density	Acres	Stand Age B	A Range	Managed S	Site	General Comments
61	4125 - Blacl	k, N. Pin C	Dak	Poletimber Well	17.3	29	1-50	N/A	١	The stand was regenerated in 1996.
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
	Quaking Aspen	15	Sapling	5	Northe	rn Pin Oak	Medium	5 - 10 feet	5 - 10 feet	
	Jack Pine	2	Pole	4	Wh	ite Pine	Low	5 - 10 feet	5 - 10 feet	
	Black Cherry	5		5	Wh	ite Oak	Trace	5 - 10 feet	5 - 10 feet	
	White Pine	3		11						-
1	Northern Pin Oak	65	Sapling	5 29						
	Red Maple	5	Sapling	5						
	White Oak	5	Sapling	5						
62	42110 - Plar	ited Red F	Pine	Sapling Poor	23.9	10 I	mmature	N/A	١	Stand was harvested in 1997. Just isolated areas regenerating back
	Canopy Species	% Cover	Size Class	DBH Age						to an aspen/red maple mix, siding more to red maple though. Several large areas where the regen is sparse and does not meet
	White Pine	1	Seedling	9						criteria for being forested. The sedge is thick. Release spray FTP is
	Red Maple	5	Log	1						C71-1015. Third year regeneration check found the red pine mortality
	Bigtooth Aspen	3	Log	2						was low enough to not need a replant. The scheduled release spray is still a must because of FTG concerns. Release sprayed 09/2020.
Blad	ck/Red (Hybrid) Oak	1	Log	1						FTP was approved at 2009 compartment review for site prep and
	Red Pine	90	Log	1 10						planting of rp and oak W71-841. This has not been done. Resubmitted FTP C71-963 to plant with red pine with the areas to the
63	42200 - Natu	ral White	Pine	Poletimber Well	8.0	41	111-140	N/A	<u> </u>	east affected by the wildfire. (DB). Site was roller chopped and trenched in 2016 and planted to red pine in 2017. Stand is looking healthy 2024. Part of the surrounding aspen stand that came back heavily to white
03				DBH Age				Avg. Height	Size	pine. Oak is also more prevalent than the aspen stand.
Blac	Canopy Species ck/Red (Hybrid) Oak	% Cover	Size Class Seedling	7		nopy Species ch Hazel	Density Medium	5 - 10 feet	5 - 10 feet	
Diac	Red Maple	7	Seedling	7		d Maple	Medium	Variable	Variable	
	Bigtooth Aspen	7	Seedling	8 41		ite Pine	Low	Variable	Variable	
	Balsam Poplar	1	Seedling	8	VVII	ite i ille	LOW	Variable	Variable	
	White Pine	80	occumig	9 41						
				9 41						
64	4199 - Other Mixed			Poletimber Well	13.1	38	1-50	N/A		This stand was likely a victim of low intensity fire in 2015. Many fallen dead trees have given way to an aggressive cohort of red maple.
	Canopy Species		Size Class	DBH Age		nopy Species	Density	Avg. Height	Size	adda trose have given may to an aggressive content of roa mapie.
Blad	ck/Red (Hybrid) Oak	25	Seedling	6		ch Hazel	Low	5 - 10 feet	5 - 10 feet	
	Black Cherry	2	Sapling	5		k Cherry	Low	Variable	Variable	
	Red Maple	17	Log	1 10	Red	d Maple	Medium	5 - 10 feet	5 - 10 feet	
	White Oak	3	Sapling	6						

Bigtooth Aspen

Red Maple

Seedling

Seedling

7

5 38

15

38

Compartment: 82

15

Stand	d Level 4 Co	over Type		Size De	nsity	Acres Stan	nd Age BA	A Range	Managed S	ite	General Comments
65	4116 - Mixed N. I	Hardwood -	- Aspen	Sapling	Well	22.4 2	29	1-50	N/A	\	Stand was regenerated in 1996. Desirable species did not regenerate
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy	Species	Density	Avg. Height	Size	well. Mostly cherry and red maple. It looks as if the fire in the 2010s passed through this stand as it displays evidence of 2 ages of trees,
	Jack Pine	10	Sapling	5		Black Che	erry	Low	5 - 10 feet	5 - 10 feet	however they are within 20 yrs of each other so it is still classified as
	Quaking Aspen	20	Pole	4		Red Mar	ple	Medium	5 - 10 feet	5 - 10 feet	even aged.
1	Northern Pin Oak	10 Sapling 5 Witch Hazel Low 5 - 10 feet 5 - 10 feet									
	Red Maple	Maple 20 Pole 4									
	Black Cherry	40	Pole	4	29						
66	4191 - Mixed Upla Co	nd Deciduo nifer	ous with	Sapling	Poor	53.8	8 In	nmature	N/A	1	This was burnt in a May 2015 wildfire. The timber was salvaged under a timber sale and with pine as the dominant pine type, it was decided
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy	Species	Density	Avg. Height	Size	to plant back to red pine, FTP# C71-960. Islands of burnt red pine were left for wood peckers per wildlife division. Also scattered oak
	White Oak	2		15		Witch Ha	azel	Medium	5 - 10 feet	5 - 10 feet	tree for mast. This stand will allow a mixed stand of red pine and oak
	Red Pine	2		16				'		1	as acceptable regeneration. Stand was planted to red pine in
	White Pine	1		17							2017.Third year regeneration check found red pine mortality between 35-45%. The trench quality was poor and the competition
	Quaking Aspen	15	Log	1							from oak and other deciduous species is high. The M.O. was for a
	Bigtooth Aspen	10	Log	1							mixed stand, that is what it is going to. Recommend no further
	Red Maple	20	Log	1							treatments.
Blad	ck/Red (Hybrid) Oak	20	Log	1	8						
67	42121 - Planted Deci	Jack Pine, duous	Mixed	Sapling	ı Well	10.6 2	29	1-50	N/A	A	Jack pine plantation established in 1996, C71-565. Part of the stand was affected by a fire with the surrounding stands.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy	Species	Density	Avg. Height	Size	
	White Oak	5	Log	3		Blueberry/Bilberry	y/Cranberr	y Medium	< 5 feet	< 5 feet	
	Black Cherry	3	Log	3				'		1	
	Jack Pine	62	Log	4	29						
	Quaking Aspen	15	Sapling	5							
1	Northern Pin Oak	15	Log	4							
68	42141 - Planted N Decid	Mixed Pine duous	, Mixed	Sawtimb	er Wel	I 40.9 1	01	81-110	N/A	λ.	Red pine plantation. here are some large 30+ Diameter super canopy white pine. There is some log size bigtooth aspen unevenly
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy	Species	Density	Avg. Height	Size	distributed throughout the stand. Oaks cored at few years older than the pine. Old planting record verified.
	Red Maple	5		10		White Pi	ine	Low	10 - 20 feet	10 - 20 feet	and pines. One presiding record formed.
Blad	ck/Red (Hybrid) Oak	15		16	79	Red Mar	ple	Medium	10 - 20 feet	10 - 20 feet	
	White Pine	5		15		White O	ak	Low	5 - 10 feet	5 - 10 feet	
	White Pine	5		30		Beech	1	Trace	10 - 20 feet	10 - 20 feet	
	Red Pine	55		15	101	Witch Ha	azel	Low	5 - 10 feet	5 - 10 feet	

White Oak

10

Compartment: 82

Roscommon Mgt. Unit Report 7 – Stands

Compartment: 82 Year of Entry: 2027

Stand	Level 4 Co	over Type		Size De	nsity	Acres	Stand Age B	A Range	Managed	Site	General Comments
69	4319 - Mixed	Upland Fo	rest	Sawtimb	er Well	11.0	101	81-110	N/A	A	The last thinning has led to some nice white pine and red maple pole
Can	opy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
Black/Re	ed (Hybrid) Oak	15		15	101	Wh	ite Pine	Low	5 - 10 feet	5 - 10 feet	
WI	hite Oak	10		16		Re	d Maple	Medium	Variable	Variable	
R	led Pine	30		16	101	Black/Re	d (Hybrid) Oak	Low	Variable	Variable	
Re	ed Maple	24	Seedling	6	49	Wh	nite Oak	Low	< 5 feet	< 5 feet	
Quak	king Aspen	10		13				'			-
Wh	hite Pine	10		11	49						
Ja	ack Pine	1		13							
70 419	99 - Other Mixed	d Upland D	eciduous	Poletimb	er Well	18.7	30	1-50	N/A	A	Stand was regenerated in 1995.
Can	opy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
Re	ed Maple	40	Sapling	5	30	Re	d Maple	Medium	10 - 20 feet	10 - 20 feet	
Blad	ck Cherry	5	Sapling	5		Black/Re	d (Hybrid) Oak	Low	10 - 20 feet	10 - 20 feet	
Black/Re	ed (Hybrid) Oak	35	Sapling	5	30	Wh	ite Pine	Trace	Variable	Variable	
Quak	king Aspen	15	Sapling	5						-	
WI	hite Oak	5	Log	2							
71	4125 - Blac	k, N. Pin C	ak	Sawtimb	er Well	18.9	108	111-140	N/A	A	Mixed oak stand with aspen and white pine. The white pine
Can	opy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	subcanopy component is significant but not continuous.
Bigto	ooth Aspen	23		16		Wh	nite Oak	Low	10 - 20 feet	10 - 20 feet	
Wh	hite Pine	3		18		Re	d Maple	Low	Variable	Variable	
R	led Pine	1		18		White Pin	ite Pine	Medium	Variable	Variable	
Black/Re	ed (Hybrid) Oak	60		14	108	Wit	ch Hazel	Low	5 - 10 feet	5 - 10 feet	
WI	hite Oak	10		12				,			-
Re	ed Maple	3		9							
72	4123 -	Red Oak		Sawtimb	er Well	35.2	110	111-140	N/A	A	No apparent previous management. The west part of the stand has
Can	opy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	higher quality red oak. White oak prevalence increases eastward. The understory is relatively open in many areas.
WI	hite Oak	15		12		Re	d Maple	Low	Variable	Variable	The understery is relatively open in many areas.
R	Red Oak	60		14	110	Wh	ite Pine	Low	Variable	Variable	
Re	ed Maple	15		7		Maple Lea	aved Viburnum	Low	5 - 10 feet	5 - 10 feet	
Bigto	ooth Aspen	10		12		Wit	ch Hazel	Low	5 - 10 feet	5 - 10 feet	
						Wh	nite Oak	Medium	< 5 feet	< 5 feet	
73	4130	- Aspen		Poletimb	er Well	21.3	29	1-50	N/A	A	Stand regenerated in 1996.
Can	opy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
Black/Re	ed (Hybrid) Oak	8	Pole	4		Re	d Maple	High	10 - 20 feet	10 - 20 feet	
WI	hite Oak	1	Log	4		Wit	ch Hazel	Medium	5 - 10 feet	5 - 10 feet	
Blad	ck Cherry	1	Log	4		WI	nite Oak	Trace	10 - 20 feet	10 - 20 feet	
р.	al Manda	25	Pole	4				1			<u>.</u>
Re	ed Maple	25	1 016	4							

Stand Level 4 Cover Type Size					Size Density Acres Stand Age BA Range Managed Site						Year of Entry: 2027
Stand	Level 4 Co	over Type		Size De	ensity	Acres	Stand Age B	BA Range	Managed S	Site	General Comments
74	4310 - Pir	ne, Oak Mix	×	Sawtimb	er Well	18.9	101	81-110	N//	4	Mixed pine and oak stand. Originally planted in 1924 but coring at
C	anopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	opy Species	Density	Avg. Height	Size	only 73 years. The jack pine, oak, aspen mortality is high. The stand is converting to red maple. There is a low pocket in the north part of
Black/	/Red (Hybrid) Oak	15		15		Wh	ite Pine	Low	Variable	Variable	the stand with cedar/hemlock. Mortality has likely resulted in little to
	Jack Pine	5		12		В	eech	Trace	10 - 20 feet	10 - 20 feet	no BA increase. BA is quite variable from 60 to 140. Red pine are of
	Red Maple	20	Seedling	9		Red	d Maple	High	>20 feet	>20 feet	varying DBH from 10-18".
	White Pine	16		15	101						_
	White Oak	5		15							
Q	uaking Aspen	5		14							
North	nern White Cedar	1		12							
	Red Pine	33		15	101						
75	4130	- Aspen		Sapling	g Well	13.0	29	Immature	N//	4	Aspen sapling in transition to pole. Areas with bigtooth have reached
С	anopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	opy Species	Density	Avg. Height	Size	pol size.
	Red Maple	20	Log	4		Wh	ite Pine	Low	10 - 20 feet	10 - 20 feet	
Q	uaking Aspen	63	Log	4	29	Black/Red	l (Hybrid) Oak	Low	Variable	Variable	
Black/	/Red (Hybrid) Oak	7	Log	4		Wito	h Hazel	Low	5 - 10 feet	5 - 10 feet	
E	Black Cherry	2	Log	4		Red	d Maple	High	Variable	Variable	
	White Pine	1	Sapling	5		Blac	k Cherry	Low	Variable	Variable	
Ві	igtooth Aspen	7	Seedling	5				,			_
76	6117 - Lowland I Coni	Deciduous, ferous	, Mixed	Sawtimb	er Well	3.6	46	81-110	N//	4	Lowland stand with large mature white pine and cedar. A small creek runs through the stand. Cedar core origin 1889. Old white pine,
С	anopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	opy Species	Density	Avg. Height	Size	maple, cedar likely of the same cohort. Leather wood present.
Q	uaking Aspen	10		10	46	Blac	k Cherry	Low	Variable	Variable	
	White Pine	15		26	136	Wh	ite Pine	Low	< 5 feet	< 5 feet	
	Balsam Fir	5	Seedling	9	46	Leat	herwood	Trace	5 - 10 feet	5 - 10 feet	
	Red Maple	55	Seedling	9	46	Ta	g Alder	Low	5 - 10 feet	5 - 10 feet	
North	nern White Cedar	15		16	136	Red	d Maple	Medium	Variable	Variable	
77 6	3129 - Mixed Conife	erous Lowla	and Forest	Sawtimb	er Well	5.1	193	51-80	N//	4	There is a cohort of old aspen as well as a younger canopy element
C	anopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	opy Species	Density	Avg. Height	Size	mainly of red maple poles assuming positions in blow downs in addition to the very old cedar and aspen.
	Balsam Fir	5	Seedling	8	56	Bal	sam Fir	Low	Variable	Variable	addition to the very old boddi drid deport.
Q	uaking Aspen	10		12	65	Red	d Maple	Low	Variable	Variable	

5 - 10 feet

Variable

Low

Low

5 - 10 feet

Variable

White Pine

Northern White Cedar

Red Maple

35

43

7

Sapling

18

14 193

5 34

Tag Alder

White Pine

Compartment: 82

Year of Entry: 2027 **General Comments** Stand **Level 4 Cover Type** Size Density Acres Stand Age BA Range **Managed Site** 4199 - Other Mixed Upland Deciduous 8.2 N/A Sawtimber Well 110 111-140 Red oak stand, appears to have little to no previous managment. 78 **Canopy Species** % Cover Size Class **DBH Age Sub-Canopy Species** Avg. Height Size Density Variable Bigtooth Aspen 30 17 White Pine Low Variable 15 7 Pin Cherry 5 - 10 feet 5 - 10 feet Red Maple Low White Oak 20 14 Witch Hazel Low 5 - 10 feet 5 - 10 feet 35 Red Oak 16 110 Red Maple Variable Variable Low 10 - 20 feet 10 - 20 feet Hawthorn (spp.) Low Maple Leaved Viburnum Low 5 - 10 feet 5 - 10 feet 79 4199 - Other Mixed Upland Deciduous Sapling Well 7.8 23 1-50 N/A Stand was seed tree harvested. Stand is now two aged with a pin oak overstory, many of which are now dead. **Canopy Species** % Cover Size Class **DBH Age** Sapling White Pine 10 7 **Black Cherry** 10 4 Log Northern Pin Oak 5 18 3 White Oak 1 Log 4 Red Maple 29 23 Log 4 Quaking Aspen 20 Log 25 23 Northern Pin Oak 4 Log 4130 - Aspen Sawtimber Well 21 1 51 81-110 N/A Q٨ White pine subcanopy gradually increases westward. A few illtop, where a few red oak e canopy constituents.

0	60 +100 /topon		Cawtimber Weil			501 VVGII 21:1 51 01-110			\sim	with pine subcarropy gradually increases we
	Canopy Species	% Cover	Size Class	DB	H Age	Sub-Canopy S	Species Density	Avg. Height	Size	supercanopy red and white oak left on the hillto of the main cohort have managed to become of
	Red Oak	1		9		Witch Haz	zel Low	5 - 10 feet	5 - 10 feet	
	Bigtooth Aspen	45		10	51	Red Mapl	le Medium	>20 feet	>20 feet	
	Quaking Aspen	40		10	51	White Pin	ne Low	>20 feet	>20 feet	
	White Pine	4		10)					_
	Red Maple	10	Sapling	5						

81 42141 - Planted Mixed Pine, Mixed Sawtimber Well 4.9 101 81-110 N/A Red and jack pine with aspen and oak. Quality improves to the east. Deciduous

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black/Red (Hybrid) Oak	7		15		Black/Red (Hybrid) Oak	Medium	10 - 20 feet	10 - 20 feet
White Pine	5		13		Red Maple	Medium	>20 feet	>20 feet
Red Pine	57		14	101	Black Cherry	Low	< 5 feet	< 5 feet
Red Maple	10		10		White Pine	Low	Variable	Variable
Bigtooth Aspen	20		13					

15

White Oak

Compartment: 82

Stand	tand Level 4 Cover Type		Level 4 Cover Type			Size Density		Acres Stand Age B	Artungo	Managed Site		General Comments	
82		White Pine, Mixed iduous		Sawtimb	er Well	29.8 101	81-110	N/A		Was thinned in the Fall 2016. White pine and white oak are developing in the subcanopy. Planting record of 1924.			
	Canopy Species	% Cover	Size Class	DBH	H Age	Sub-Canopy Species	Density	Avg. Height	Size				
	White Pine	70		16	101	Red Maple	High	10 - 20 feet	10 - 20 feet				
	Red Maple	5	Seedling	9		White Oak	Medium	< 5 feet	< 5 feet				
	Red Pine	3		15		Black/Red (Hybrid) Oak	Low	5 - 10 feet	5 - 10 feet				
Blac	ck/Red (Hybrid) Oak	7		14		Witch Hazel	Low	5 - 10 feet	5 - 10 feet				
	White Oak	15		14		Beech	Trace	5 - 10 feet	5 - 10 feet				
						White Pine	Medium	5 - 10 feet	5 - 10 feet				
83	83 42110 - Planted Red Pine Sa		Sawtimb	er Well	8.6 101	81-110	N/A	1	Red pine plantation looks to have been previously harvested. Previous				
	Canopy Species	ecies % Cover Size Class		s DBH Age		Sub-Canopy Species	Density	Avg. Height Size		inventory claims 1924 plant date. Cores area at about 74 years			
Blac	ck/Red (Hybrid) Oak	5		16		White Pine	Low	>20 feet	>20 feet				
	White Pine	25		16		Beech	Trace	10 - 20 feet	10 - 20 feet				
	Red Maple	2	Seedling	8	47	Red Maple	Medium	Variable	Variable				
	Red Pine	68		15	101	Black Cherry	Low	>20 feet	>20 feet				
						White Oak	Low	5 - 10 feet	5 - 10 feet				
						white Oak	LOW	0 - 10 lcct	3 - 10 1661				
						Black/Red (Hybrid) Oak	Low	Variable	Variable				
84	4126 - White, B	Black, N. P	in Oak	Sawtimb	per Well				Variable	Mature oak stand, the trees are large and healthy, the density is			
84	4126 - White, B		in Oak		er Well	Black/Red (Hybrid) Oak 8.1 109	Low	Variable N/A	Variable	uniform. Super canopy white pine. The stand appears to have been			
84	<u> </u>					Black/Red (Hybrid) Oak	Low 81-110	Variable	Variable				
84	Canopy Species	% Cover		DBH		Black/Red (Hybrid) Oak 8.1 109 Sub-Canopy Species	81-110 Density	Variable N/A Avg. Height	Variable Size	uniform. Super canopy white pine. The stand appears to have been harvested years ago using a shelterwood or heavy thinning, which has			
	Canopy Species White Pine	% Cover		DB I 25		8.1 109 Sub-Canopy Species Witch Hazel	81-110 Density Medium	Variable N/A Avg. Height 5 - 10 feet	Variable Size 5 - 10 feet	uniform. Super canopy white pine. The stand appears to have been harvested years ago using a shelterwood or heavy thinning, which has led to a 2nd age of aspen, white pine, and some red maple in a few			
	Canopy Species White Pine Red Maple	% Cover 5 15		25 16		8.1 109 Sub-Canopy Species Witch Hazel Red Maple	81-110 Density Medium High	N/A Avg. Height 5 - 10 feet >20 feet	Size 5 - 10 feet >20 feet	uniform. Super canopy white pine. The stand appears to have been harvested years ago using a shelterwood or heavy thinning, which has led to a 2nd age of aspen, white pine, and some red maple in a few			
	Canopy Species White Pine Red Maple ck/Red (Hybrid) Oak	% Cover 5 15 34		25 16 19	l Age	8.1 109 Sub-Canopy Species Witch Hazel Red Maple	81-110 Density Medium High	N/A Avg. Height 5 - 10 feet >20 feet	Size 5 - 10 feet >20 feet	uniform. Super canopy white pine. The stand appears to have been harvested years ago using a shelterwood or heavy thinning, which has led to a 2nd age of aspen, white pine, and some red maple in a few			
Blac	Canopy Species White Pine Red Maple ck/Red (Hybrid) Oak White Pine	% Cover 5 15 34 10		25 16 19 12	1 Age 68	8.1 109 Sub-Canopy Species Witch Hazel Red Maple	81-110 Density Medium High	N/A Avg. Height 5 - 10 feet >20 feet	Size 5 - 10 feet >20 feet	uniform. Super canopy white pine. The stand appears to have been harvested years ago using a shelterwood or heavy thinning, which has led to a 2nd age of aspen, white pine, and some red maple in a few			
Blac	Canopy Species White Pine Red Maple ck/Red (Hybrid) Oak White Pine White Oak Bigtooth Aspen 4191 - Mixed Upla	% Cover 5 15 34 10 35 1	Size Class	25 16 19 12 18 10	68 109	8.1 109 Sub-Canopy Species Witch Hazel Red Maple	81-110 Density Medium High	N/A Avg. Height 5 - 10 feet >20 feet	Size 5 - 10 feet >20 feet 10 - 20 feet	uniform. Super canopy white pine. The stand appears to have been harvested years ago using a shelterwood or heavy thinning, which has led to a 2nd age of aspen, white pine, and some red maple in a few spots. Stand is uneven aged with red maple and aspen coring at around 60 years and the larger white pines estimated to 156 years. Transition to			
Blac	Canopy Species White Pine Red Maple ck/Red (Hybrid) Oak White Pine White Oak Bigtooth Aspen 4191 - Mixed Upla	% Cover 5 15 34 10 35 1 and Decidunifer	Size Class	25 16 19 12 18 10 Sawtimb	68 109 48	8.1 109 Sub-Canopy Species Witch Hazel Red Maple White Pine	81-110 Density Medium High Low	Variable N/A Avg. Height 5 - 10 feet >20 feet 10 - 20 feet	Size 5 - 10 feet >20 feet 10 - 20 feet	uniform. Super canopy white pine. The stand appears to have been harvested years ago using a shelterwood or heavy thinning, which has led to a 2nd age of aspen, white pine, and some red maple in a few spots. Stand is uneven aged with red maple and aspen coring at around 60 years and the larger white pines estimated to 156 years. Transition to lowland in the north. Open areas of the stand have filled in with yet			
Blac	Canopy Species White Pine Red Maple ck/Red (Hybrid) Oak White Pine White Oak Bigtooth Aspen 4191 - Mixed Upla	% Cover 5 15 34 10 35 1 and Decidunifer	Size Class	25 16 19 12 18 10 Sawtimb	68 109 48	Black/Red (Hybrid) Oak 8.1 109 Sub-Canopy Species Witch Hazel Red Maple White Pine 8.3 63	B1-110 Density Medium High Low	Variable N/A Avg. Height 5 - 10 feet >20 feet 10 - 20 feet	Size 5 - 10 feet >20 feet 10 - 20 feet	uniform. Super canopy white pine. The stand appears to have been harvested years ago using a shelterwood or heavy thinning, which has led to a 2nd age of aspen, white pine, and some red maple in a few spots. Stand is uneven aged with red maple and aspen coring at around 60 years and the larger white pines estimated to 156 years. Transition to lowland in the north. Open areas of the stand have filled in with yet another cohort that is varied in age and composed of mostly red			
Blac	Canopy Species White Pine Red Maple ck/Red (Hybrid) Oak White Pine White Oak Bigtooth Aspen 4191 - Mixed Upla Co Canopy Species	% Cover 5 15 34 10 35 1 1 and Decidunifer % Cover	Size Class	25 16 19 12 18 10 Sawtimb	68 109 48 Der Well	Black/Red (Hybrid) Oak 8.1 109 Sub-Canopy Species Witch Hazel Red Maple White Pine 8.3 63 Sub-Canopy Species	B1-110 Density Medium High Low 51-80 Density	Variable N/A Avg. Height 5 - 10 feet >20 feet 10 - 20 feet N/A Avg. Height	Size 5 - 10 feet >20 feet 10 - 20 feet	uniform. Super canopy white pine. The stand appears to have been harvested years ago using a shelterwood or heavy thinning, which has led to a 2nd age of aspen, white pine, and some red maple in a few spots. Stand is uneven aged with red maple and aspen coring at around 60 years and the larger white pines estimated to 156 years. Transition to lowland in the north. Open areas of the stand have filled in with yet			
Blac	Canopy Species White Pine Red Maple ck/Red (Hybrid) Oak White Pine White Oak Bigtooth Aspen 4191 - Mixed Upla Co Canopy Species White Pine	% Cover 5 15 34 10 35 1 and Decidunifer % Cover 10	ous with Size Class Seedling	25 16 19 12 18 10 Sawtimb	68 109 48 Der Well	8.1 109 Sub-Canopy Species Witch Hazel Red Maple White Pine 8.3 63 Sub-Canopy Species Red Maple	B1-110 Density Medium High Low 51-80 Density Medium	N/A Avg. Height 5 - 10 feet >20 feet 10 - 20 feet N/A Avg. Height Variable	Size 5 - 10 feet >20 feet 10 - 20 feet Size Variable	uniform. Super canopy white pine. The stand appears to have been harvested years ago using a shelterwood or heavy thinning, which has led to a 2nd age of aspen, white pine, and some red maple in a few spots. Stand is uneven aged with red maple and aspen coring at around 60 years and the larger white pines estimated to 156 years. Transition to lowland in the north. Open areas of the stand have filled in with yet another cohort that is varied in age and composed of mostly red			
85	Canopy Species White Pine Red Maple ck/Red (Hybrid) Oak White Pine White Oak Bigtooth Aspen 4191 - Mixed Upla Co Canopy Species White Pine Red Maple	% Cover 5 15 34 10 35 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	ous with Size Class Seedling Log	25 16 19 12 18 10 Sawtimb	68 109 48 Der Well	8.1 109 Sub-Canopy Species Witch Hazel Red Maple White Pine 8.3 63 Sub-Canopy Species Red Maple Balsam Fir	B1-110 Density Medium High Low 51-80 Density Medium Low	N/A Avg. Height 5 - 10 feet >20 feet 10 - 20 feet N/A Avg. Height Variable 10 - 20 feet	Size 5 - 10 feet >20 feet 10 - 20 feet Size Variable 10 - 20 feet	uniform. Super canopy white pine. The stand appears to have been harvested years ago using a shelterwood or heavy thinning, which has led to a 2nd age of aspen, white pine, and some red maple in a few spots. Stand is uneven aged with red maple and aspen coring at around 60 years and the larger white pines estimated to 156 years. Transition to lowland in the north. Open areas of the stand have filled in with yet another cohort that is varied in age and composed of mostly red			
85	Canopy Species White Pine Red Maple ck/Red (Hybrid) Oak White Pine White Oak Bigtooth Aspen 4191 - Mixed Upla Co Canopy Species White Pine Red Maple Paper Birch	% Cover 5 15 34 10 35 1 and Decidunifer % Cover 10 10 2	ous with Size Class Seedling Log	25 16 19 12 18 10 Sawtimb DBH 8 4 9	68 109 48 ber Well 1 Age 33 22	8.1 109 Sub-Canopy Species Witch Hazel Red Maple White Pine 8.3 63 Sub-Canopy Species Red Maple Balsam Fir	B1-110 Density Medium High Low 51-80 Density Medium Low	N/A Avg. Height 5 - 10 feet >20 feet 10 - 20 feet N/A Avg. Height Variable 10 - 20 feet	Size 5 - 10 feet >20 feet 10 - 20 feet Size Variable 10 - 20 feet	uniform. Super canopy white pine. The stand appears to have been harvested years ago using a shelterwood or heavy thinning, which has led to a 2nd age of aspen, white pine, and some red maple in a few spots. Stand is uneven aged with red maple and aspen coring at around 60 years and the larger white pines estimated to 156 years. Transition to lowland in the north. Open areas of the stand have filled in with yet another cohort that is varied in age and composed of mostly red			
85	Canopy Species White Pine Red Maple ck/Red (Hybrid) Oak White Pine White Oak Bigtooth Aspen 4191 - Mixed Upla Co Canopy Species White Pine Red Maple Paper Birch Quaking Aspen	% Cover 5 15 34 10 35 1 and Decidunifer % Cover 10 10 2 10	ous with Size Class Seedling Log	25 16 19 12 18 10 Sawtimb DBH 8 4 9 13	68 109 48 2er Well 1 Age 33 22 60	8.1 109 Sub-Canopy Species Witch Hazel Red Maple White Pine 8.3 63 Sub-Canopy Species Red Maple Balsam Fir	B1-110 Density Medium High Low 51-80 Density Medium Low	N/A Avg. Height 5 - 10 feet >20 feet 10 - 20 feet N/A Avg. Height Variable 10 - 20 feet	Size 5 - 10 feet >20 feet 10 - 20 feet Size Variable 10 - 20 feet	uniform. Super canopy white pine. The stand appears to have been harvested years ago using a shelterwood or heavy thinning, which has led to a 2nd age of aspen, white pine, and some red maple in a few spots. Stand is uneven aged with red maple and aspen coring at around 60 years and the larger white pines estimated to 156 years. Transition to lowland in the north. Open areas of the stand have filled in with yet another cohort that is varied in age and composed of mostly red			
85	Canopy Species White Pine Red Maple ck/Red (Hybrid) Oak White Pine White Oak Bigtooth Aspen 4191 - Mixed Upla Co Canopy Species White Pine Red Maple Paper Birch Quaking Aspen White Pine	% Cover 5 15 34 10 35 1 and Decidunifer % Cover 10 10 2 10 21	ous with Size Class Seedling Log	DBH 25 16 19 12 18 10 Sawtimb 8 4 9 13 25	68 109 48 Der Well 1 Age 33 22 60 156	8.1 109 Sub-Canopy Species Witch Hazel Red Maple White Pine 8.3 63 Sub-Canopy Species Red Maple Balsam Fir	B1-110 Density Medium High Low 51-80 Density Medium Low	N/A Avg. Height 5 - 10 feet >20 feet 10 - 20 feet N/A Avg. Height Variable 10 - 20 feet	Size 5 - 10 feet >20 feet 10 - 20 feet Size Variable 10 - 20 feet	uniform. Super canopy white pine. The stand appears to have been harvested years ago using a shelterwood or heavy thinning, which has led to a 2nd age of aspen, white pine, and some red maple in a few spots. Stand is uneven aged with red maple and aspen coring at around 60 years and the larger white pines estimated to 156 years. Transition to lowland in the north. Open areas of the stand have filled in with yet another cohort that is varied in age and composed of mostly red			

Compartment: 82

Stand **Level 4 Cover Type** Size Density **Managed Site General Comments** Acres Stand Age BA Range 4131 - Aspen. Oak Sapling Well 32.6 20 **Immature** N/A Stand was regenerated in 2005. Planted red pine 2007 failed, retried 86 2009 which is widely relegated to to subcanopy now. % Cover Size Class **DBH Age** Size **Canopy Species Sub-Canopy Species** Density Ava. Heiaht Black Cherry 4 20 Red Maple 5 - 10 feet 5 - 10 feet Loa Low 5 3 18 Red Pine Loa White Oak Trace 5 - 10 feet 5 - 10 feet Quaking Aspen 20 4 Red Pine Medium 5 - 10 feet 5 - 10 feet Log 4 25 Variable Black/Red (Hybrid) Oak Loa White Pine Low Variable 30 4 20 Bigtooth Aspen Loa 4 Red Maple 10 Log 2 3 White Oak 4126 - White, Black, N. Pin Oak 87 Sawtimber Well 35.5 110 51-80 N/A A shelterwood was applied to this oak stand around 20 years ago. **Canopy Species** % Cover Size Class **DBH Age Sub-Canopy Species** Density Avg. Height Size White Oak 60 16 110 Red Maple Full Variable Variable Black/Red (Hybrid) Oak 40 16 110 White Pine Medium Variable Variable White Oak Medium < 5 feet < 5 feet Bigtooth Aspen Low Variable Variable 42110 - Planted Red Pine Sawtimber Well 12.8 101 81-110 N/A Old planting record checked. 88 **Canopy Species DBH Age** % Cover Size Class **Sub-Canopy Species** Density Avg. Height Size Black/Red (Hybrid) Oak White Pine 10 - 20 feet 10 - 20 feet 3 14 Low 15 Red Pine 95 101 Black/Red (Hybrid) Oak Low Variable Variable Jack Pine 5 1 Sapling 14 White Oak 1 42110 - Planted Red Pine 101 N/A Sawtimber Well 38.6 81-110 An old railroad grade and an orv trail run through the stand. Stand 89 was thinned in the fall of 2016. Old plantation record checked. Size **Canopy Species** % Cover Size Class **DBH Age Sub-Canopy Species** Density Avg. Height Red Pine 100 14 101 **Black Cherry** Low Variable Variable Red Maple Low Variable Variable White Oak Low Variable Variable Black/Red (Hybrid) Oak High 5 - 10 feet 5 - 10 feet Blueberry/Bilberry/Cranberry 5 - 10 feet 5 - 10 feet Hiah 42100 - Planted White Pine 90 Sawtimber Well 8.8 101 81-110 N/A White pine plantation with dense single stem red maple in subcanopy. White pine seedlings established well where the equipment drove last % Cover Size Class **DBH Age Canopy Species Sub-Canopy Species** Density Avg. Height Size thinning. Stand treated in the fall 2016. Old planting record checked. White Pine 99 16 101 Red Maple Full Variable Variable 15 Red Pine 1 White Pine < 5 feet < 5 feet Low

5 - 10 feet

Low

5 - 10 feet

Witch Hazel

Compartment: 82

6

Black/Red (Hvbrid) Oak

Sapling

Stand **Level 4 Cover Type** Size Density Acres Stand Age BA Range **Managed Site General Comments** 4191 - Mixed Upland Deciduous with Poletimber Well 8.4 41 51-80 N/A Stand was regenerated in 1984. It looks like some scattered saplings 91 Conifer where left last cut hence the log size poor form pine. **Canopy Species** % Cover Size Class **DBH Age Sub-Canopy Species** Density Ava. Height Size White Pine 16 56 White Oak Variable 10 Iow Variable Black/Red (Hvbrid) Oak 30 Seedling 6 41 White Pine Low 5 - 10 feet 5 - 10 feet 10 16 Red Pine Black/Red (Hybrid) Oak Medium 10 - 20 feet 10 - 20 feet 7 Quaking Aspen 30 Seedling 41 7 20 Jack Pine Seedling 4191 - Mixed Upland Deciduous with 92 Sapling Well 15.7 20 **Immature** N/A Stand was regenerated in 2005. Trenched and planted to red pine. Conifer Oak is now the dominant component. Contains or route. Red pine is mostly relegated to the subcanopy under the hardwood saplings. % Cover Size Class **DBH Age** Density Size **Canopy Species Sub-Canopy Species** Avg. Height 15 4 20 Red Pine High < 5 feet Bigtooth Aspen Log < 5 feet 5 4 **Black Cherry** Log 2 White Oak Loa 3 Red Pine 33 3 20 Log Black/Red (Hybrid) Oak 35 3 20 Log 1 Red Maple 10 Loa 8 4310 - Pine. Oak Mix Sapling Poor 102.5 N/A 93 **Immature** Stand was harvested in 1997. The west half was sparse aspen and red maple. The northeast portion was planted with jack pine. The % Cover Size Class **Canopy Species DBH Age** stand was involved with a wildfire in 2015. Decided to put red pine Northern Pin Oak 20 Log back in. The sedge is thick. Was roller chopped in 2016 and trenched then planted in 2017. Third year regeneration check found 50 Red Pine Log 1 8 the red pine mortality was low enough to not need a replant. The 27 1 Pin Cherry Log scheduled release spray is still a must because of FTG concerns. 6 Red Pine 3 Seedling Release spray FTP is C71-1015. Release sprayed 09/2020. 2024 red pine survival was better on the south side. The rest of the stand will become a mix of red pine, oak, and cherry. 4199 - Other Mixed Upland Deciduous 1.3 8 N/A 94 Sapling Medium **Immature** The stand looks to have been burned with the surrounding stands. Lots of dead stems. Mature pine and oak have survived. Cherry, **Canopy Species** % Cover Size Class **DBH Age** aspen, and oak have regenerated. Red Maple 45 2 8 Log 2 Pin Cherry 20 Log 7 Northern Pin Oak 2 Log 2 Quaking Aspen 28 Log 4131 - Aspen, Oak Poletimber Well 41.1 30 51-80 N/A 1925 planting record of red and jack pine. 95 **Canopy Species** % Cover Size Class **DBH Age Sub-Canopy Species** Density Avg. Height Size 3 7 5 - 10 feet 5 - 10 feet Bigtooth Aspen Seedling Jack Pine Trace 20 5 Black Cherry Black Cherry Medium 5 - 10 feet 5 - 10 feet Sapling 55 6 30 Quaking Aspen Sapling White Pine Low Variable Variable Jack Pine 2 Sapling 6 Red Pine Trace 5 - 10 feet 5 - 10 feet

Low

5 - 10 feet

5 - 10 feet

20

Black/Red (Hvbrid) Oak

Compartment: 82

White Oak

Sub-Canopy Species

White Pine

Red Pine

Red Maple

Black Cherry

8.9

None

	Roscommon Mgt. Unit						Repo	ort 7 – Sta	ands		Compartment: 82 Year of Entry: 2027	
Stand	Level 4 Co	Level 4 Cover Type Size Density Acres		Acres	Stand Age B	A Range	Managed S	Site	General Comments			
96	710 - Sand, Soil 790 - Other Bare/Sparsely Vegetated				ne	2.7					Oil & gas infrastructure.Active site.	
97					ne	1.1					Oil & gas infrastructure	
98	790 - Other Bare/	Sparsely \	/egetated	No	ne	0.5					NO Oil/gas infrastructure present at this time but there is a well on the adjacent private.	
99	42121 - Planted Deci	Jack Pine iduous	, Mixed	Sapling	Poor	6.8	8 I	mmature	N/A	A	Split from 66. This was planted to jack pine instead of red pine.	
	Canopy Species	% Cover	r Size Class	DBH	l Age							
	Red Maple	1	Log	1								
Blac	ck/Red (Hybrid) Oak	20	Log	1	8							
	Jack Pine	79	Log	1	8							
100	4310 - Pir	ne, Oak Mi	ix	Sawtimb	er Well	3.6	96	81-110	N/A	٨	Was split from 18 due to high pine component.	
	Canopy Species	% Cover	r Size Class	DBH	l Age	Sub-Can	opy Species	Density	Avg. Height	Size		
	Bigtooth Aspen	13		15		Red	d Maple	High	>20 feet	>20 feet		
	White Pine	3		24		Wh	ite Pine	Medium	>20 feet	>20 feet		
	White Pine	25	Seedling	7	50							
	White Oak	10		13								
Blac	ck/Red (Hybrid) Oak	32		13	96							
	Red Pine	2		22								
	Red Pine	15	Seedling	8								
101	4131 - A	4131 - Aspen, Oak		Unspe	cifed	1.3	19 I	mmature			Stand was regenerated in 2006. Split from 25 because of open	
						Sub-Can	nopy Species	Density	Avg. Height	Size	condition.	
						Whi	ite Pine	Low	10 - 20 feet	10 - 20 feet		
						Black/Red	l (Hybrid) Oak	Low	10 - 20 feet	10 - 20 feet		
						Red	d Maple	Low	5 - 10 feet	5 - 10 feet		
					-				+			

Low

Density

Low

Medium

Low

Low

5 - 10 feet

Avg. Height

< 5 feet

< 5 feet

10 - 20 feet

10 - 20 feet

No

5 - 10 feet

Size

< 5 feet

< 5 feet

10 - 20 feet

10 - 20 feet

09/04/2025	2.06.56	DM _ D	ann 22 of '	2

3102 - Grass

102

Once was a finger from the stand to the immediate north. Was final harvested and planted with red pine twice. The red pine has failed

and the trenches filled in. There is no competition in an amounts to

impact the seedlings. Retrenched in 2019. Planted spring 2021. 2021 regen check 744TPA 93% FTG. 2023 regen check shows 88%

FTG and 745 TPA. Consider merging to stand 7.

Compartment: 82 Year of Entry: 2027

Stand	nd Level 4 Cover Type			Size Density		Acres	Stand Age B	tand Age BA Range		ite	General Comments		
103	42111 - Planted Red Pine, Mixed Deciduous		Mixed	Sapling Well		31.6	18 I	Immature	N/A		Stand was regenerated in 2005. Planted red pine 2007 failed, retried 2009 which is widely relegated to to subcanopy now.		
C	anopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size			
Black/	/Red (Hybrid) Oak	10	Log	4		W	hite Oak	Trace	5 - 10 feet	5 - 10 feet			
	White Oak	2	Log	3		Re	d Maple	Low	5 - 10 feet	5 - 10 feet			
	Red Pine	60	Log	3	18	R	ed Pine	High	5 - 10 feet	5 - 10 feet			
Q	uaking Aspen	10	Log	4		WI	nite Pine	Low	Variable	Variable			
	Red Maple	5	Log	4							_		
Ві	igtooth Aspen	10	Log	4									
E	Black Cherry	3	Log	4	20								
104 42111 - Planted Red Pine, Mixed Deciduous				Sapling		Sapling Poor		4.3	18 I	mmature	N/A	1	Stand was cut in 2005 and trenched and planted to red pine. This portion of the stand which was split from 92 did not regenerate as we
C	anopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	but because of this, has a higher percentage of red pine. Contains o route.		
E	Black Cherry	13	Log	4		R	ed Pine	High	< 5 feet	< 5 feet	Toute.		
	White Oak	2	Log	3							_		
	Red Pine	75	Log	3	18								
105	3102	- Grass		Non	е	1.0			No				