

Compartment Review Presentation

Escanaba Forest Management Unit

Compartment 33081 Entry Year 2021 Acreage: 1,202 County Delta Management Area: Green Bay Lake Plain

Revision Date: 2019-06-21

Stand Examiner: Dan Racine

Legal Description:

T38N-R24W SECTIONS 25, 26, 34, 35, &36

Identified Planning Goals:

The upland pine and hemlock stands were treated in the last year of entry. These stands will be allowed to regenerate before any subsequent harvest. The lowland ash stands in the areas that can be harvested are being managed for EAB concerns. Upland types are being harvested to regenerate the existing overstory species.

Soil and topography:

Level to slightly rolling topography. Soils are poorly drained, somewhat poorly drained and well drained sands and very poorly drained, extremely acid mucks and peats. Major soil series are Rousseau, Ensley, Charlevoix, Carbondale, Tawas and AuGres.

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

This compartment is part of a 3,440 acre block of state land that extends north approximately 4 miles. Ownership to the east is Industrial Private Land and is managed intensively for forest products. The west and south ownership is primarily Non-Industrial Private land and is used for hunting and recreation opportunities by the landowners.

Unique Natural Features:

N/A

Archeological, Historical, and Cultural Features:

N/A

Special Management Designations or Considerations:

Watershed and Fisheries Considerations:

No major waterbodies are located within this compartment. However, BMPs should be followed for any standing vernal pools or wetland areas.

Wildlife Habitat Considerations:

This compartment contains a "hodge-podge" of various forest types in relatively small stands. Lowlands, which cover over half the compartment, are a mixture of cedar, swamp hardwoods, and balsam poplar. Cedar is showing some inclination to regenerate naturally in canopy gaps and along road sides, perhaps due to a taste aversion by deer. This landscape contains a high incidence of hemlock, red pine, and white pine in the uplands and natural propensity for regenerating these conifer types. Even hemlock regeneration is impressive in several stands. Several treatments are proposed this decade to final harvest upland conifers. Other treatments include lowland deciduous, mixed coniferous and restart aspen stand.

Mineral Resource and Development Concerns and/or Restrictions

Active sand/gravel operations are located approximately four miles away. A potential esker is located in Section 35 and might be the best potential for sand & gravel in the compartment. Most of the compartment appears to be covered by wetlands. Bedrock underlying the glacial sediments here is the same formation that is mined for limestone and dolostone in the Gladstone area. The wetlands, thickness of glacial overburden, and distance to Escanaba may limit the potential for bedrock non-metallic mineral development within the compartment. There is no known history of mineral leasing or exploration within or around the compartment. There is no known potential for economic hydrocarbon production in the UP.

Vehicle Access:

This compartment can be accessed via the Makosky Road

Survey Needs:

Corners may be needed along the western compartment boundary line.

Recreational Facilities and Opportunities:

Excellent opportunities exist for hunting, camping and other forest associated recreational activities.

Fire Protection:

The area is a low hazard area for fire. There are some "party spots" that could have potential for fire if the right conditions arise at certain times of the year. Access is good if a fire should break out in this area.

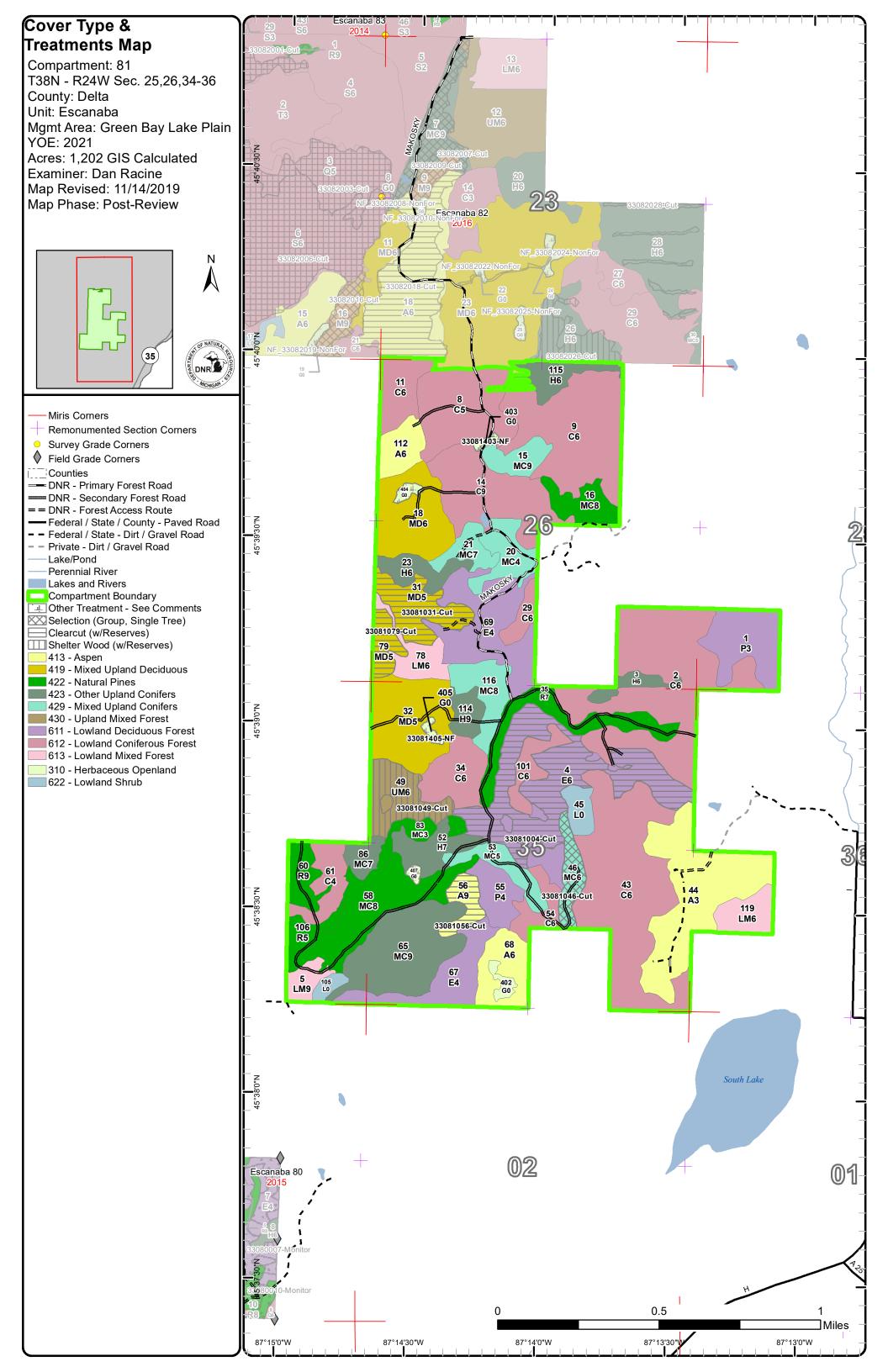
Additional Compartment Information:

Additional information is provided on line through the compartment review packets.

The following reports from the Inventory are attached:

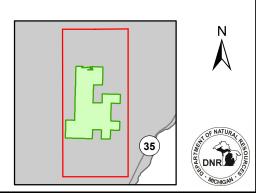
Total Acres by Cover Type and Age Class Cover Type by Harvest Method Proposed Treatments – No Limiting Factors Proposed Treatments – With Limiting Factors Stand Details (Forested and Nonforested) Dedicated and Proposed Special Conservation Areas Site Condition Details

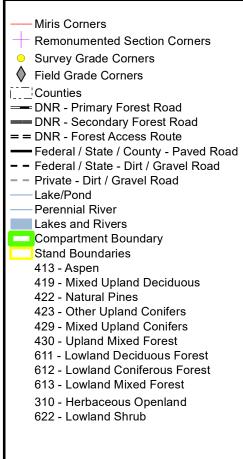
The following information is displayed, where pertinent, on the attached compartment maps: Base feature information, stand boundaries, cover types, and numbers Proposed treatments Site condition boundaries Details on the road access system

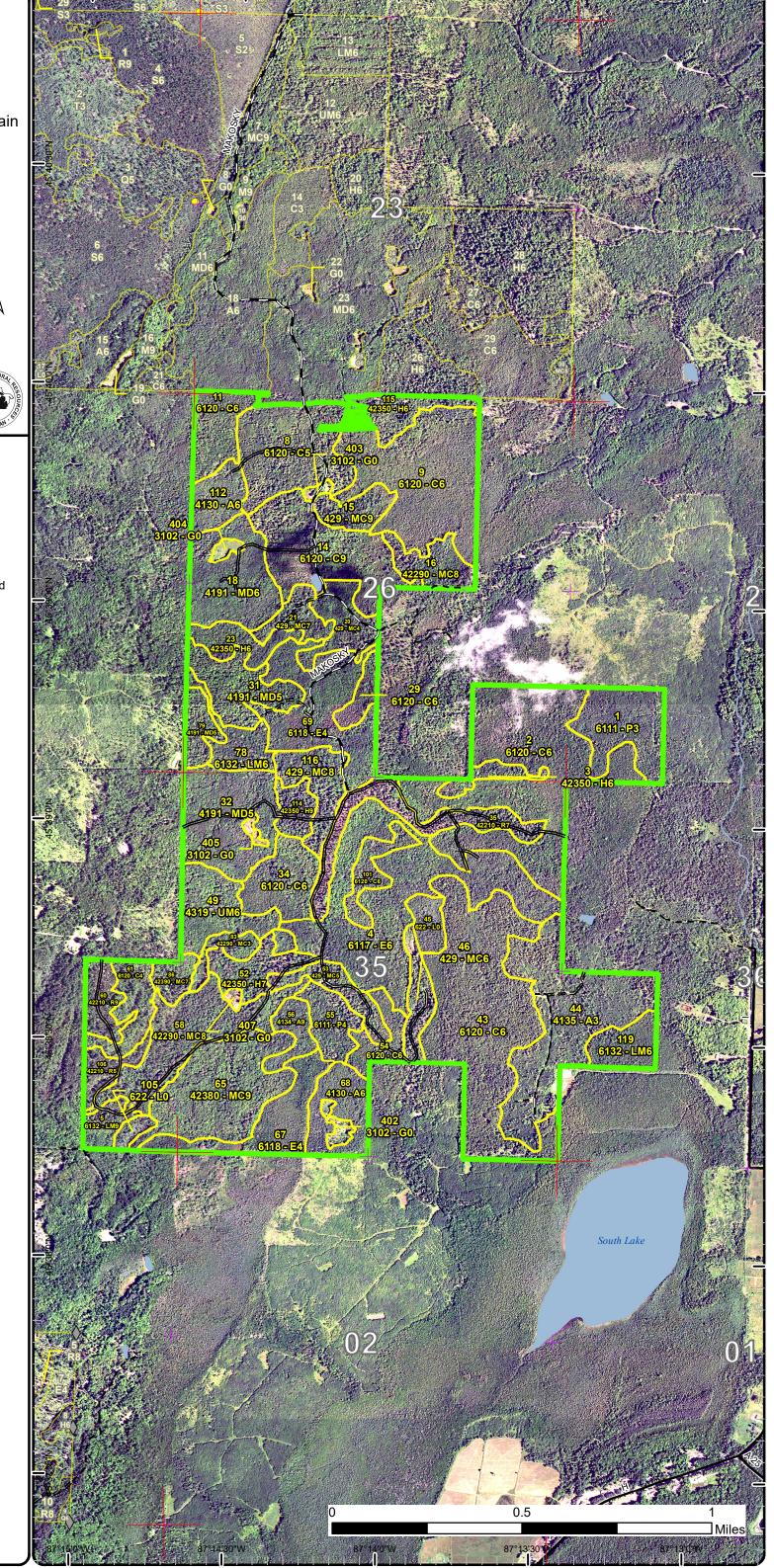


Stand Boundary Map

Compartment: 81 T38N - R24W Sec. 25,26,34-36 County: Delta Unit: Escanaba Mgmt Area: Green Bay Lake Plain YOE: 2021 Acres: 1,202 GIS Calculated Examiner: Dan Racine Map Revised: 11/14/2019 Map Phase: Post-Review

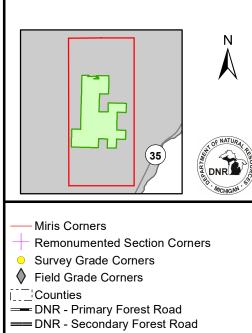


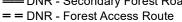


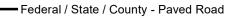


Special Conservation Areas

Compartment: 81 T38N - R24W Sec. 25,26,34-36 County: Delta Unit: Escanaba Mgmt Area: Green Bay Lake Plain YOE: 2021 Acres: 1,202 GIS Calculated Examiner: Dan Racine Map Revised: 11/14/2019 Map Phase: Post-Review







- - Federal / State - Dirt / Gravel Road

- Lake/Pond
- Perennial River
- Lakes and Rivers
- Compartment Boundary

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5C: Delay treatment for age/size class
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diversity or exceptional site quality
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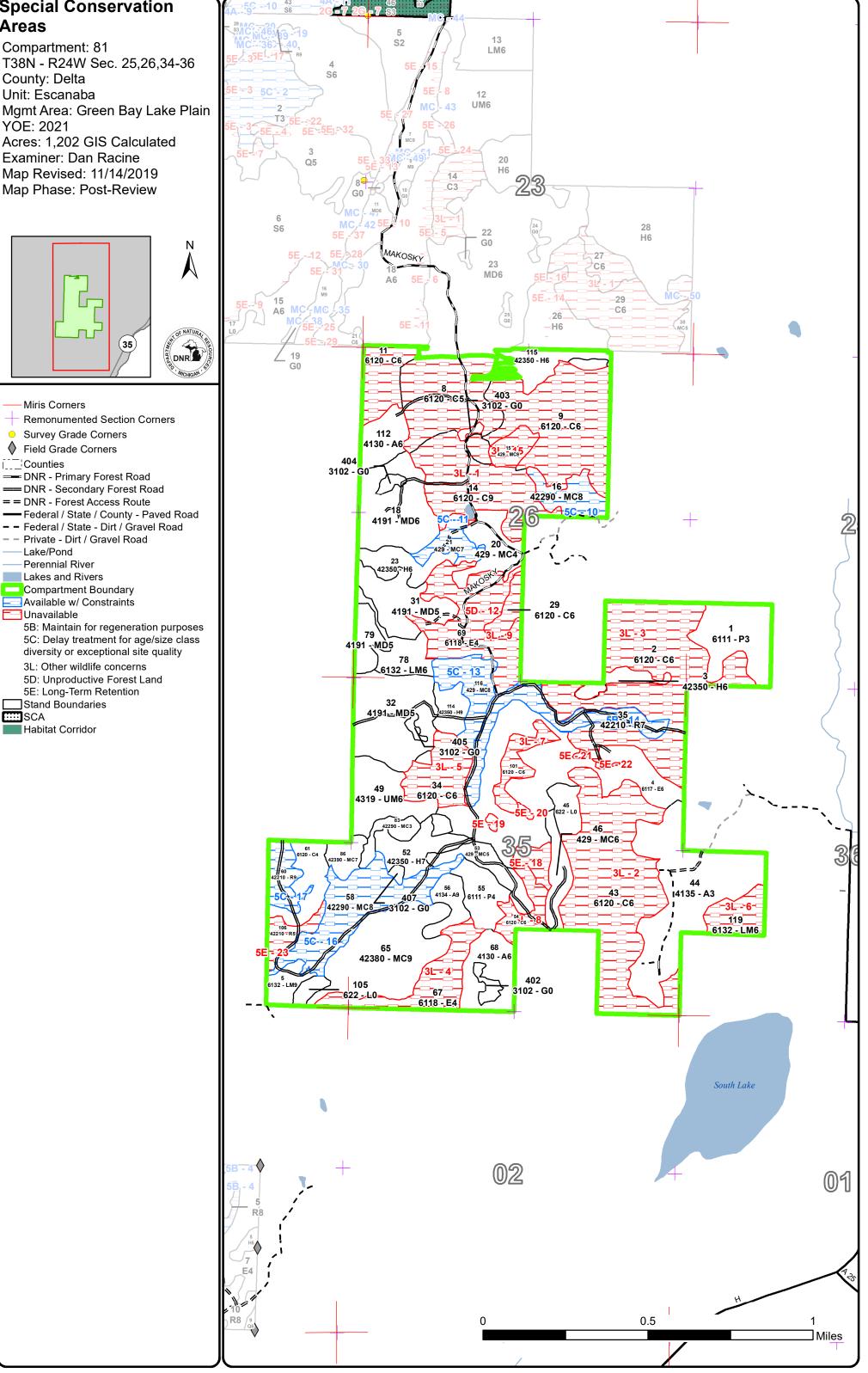
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3L: Other wildlife concerns
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5E: Long-Term Retention

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Stand Boundaries
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SCA

Habitat Corridor



Report 1 – Total Acres by Cover Type and Age Class

Escanaba Mgt. Unit

Dan Racine : Examiner

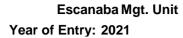
Compartment 81 Year of Entry 2021



Age Class

	Hor		83 / 4	81 42		3		3 8		\$ \$	8	8 .5	¹ /a ⁷ .	Q. 43	87. 87.	93 5 5	994 - 54	y Jrest	1.000 A.000
Aspen	0	0	66	13	19	9	0	0	0	0	0	0	0	0	0	0	0	0	107
Cedar	0	0	0	0	0	0	0	0	0	0	26	21	110	172	93	0	0	0	421
Hemlock	0	0	0	0	0	0	0	0	0	0	0	21	22	0	0	12	0	0	55
Herbaceous Openland	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Lowland Aspen/Balsam Poplar	0	0	14	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	42
Lowland Deciduous	0	0	0	0	0	0	0	0	0	44	26	82	0	0	0	0	0	0	152
Lowland Mixed Forest	0	0	0	0	0	0	0	0	0	13	0	0	21	0	0	0	0	0	34
Lowland Shrub	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
Mixed Upland Deciduous	0	0	0	0	34	40	0	0	0	32	0	0	0	0	0	0	0	0	106
Natural Mixed Pines	0	0	0	9	0	0	0	0	0	0	0	0	54	0	0	0	0	0	63
Red Pine	0	0	0	0	0	0	0	0	0	12	9	0	25	0	0	0	0	0	46
Upland Conifers	0	0	0	0	0	16	0	0	0	12	0	18	39	0	50	0	0	0	135
Upland Mixed Forest	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	23
Total	21	0	80	50	53	65	0	0	0	113	61	142	271	172	143	12	0	23	1205

Acres of Harvest



Compartment 81 Total Compartment Acres: 1,202

Commercial Harvest - 147 Harvests with Site Condition - 0 Next Step Harvest - 0 Habitat Cut - 0

Cover Type by Harvest Method

				Contraction of the second	to o	and the second	icourse /	Onin O	Reputer to	Se S	Store 1.50	S. S
Aspen		9	0	0	0	0	0	0	0	0	9	1
Lowland Deciduous		73	0	0	0	0	0	0	0	0	73	
Mixed Upland Deciduous		32	0	0	0	0	0	0	0	0	32	
Upland Conifers		0	11	0	0	0	0	0	0	0	11	
Upland Mixed Forest		0	0	0	0	22	0	0	0	0	22	
	Total	114	11	0	0	22	0	0	0	0	147	

Proposed and Next Step Treatments by Method

		/.	ie ie	Contraction of the second	O LOIN	Contraction of the second	our contraction of the second	An Colicies	in on the second	Orto Lio	4° / 2	Sec. Sec.
Current		147	0	0	0	0	0	0	0	6	153	
Next Step		0	0	0	0	0	0	147	0	0	147	
	Total	147	0	0	0	0	0	147	0	6	300	

a n Treatment Acres Stand Size Stand BA Treatment Treatment Cover Type Age H	S t		E	scanaba	Mgt. Unit		Repo	rt3	Treatments		Compartmen Year of Entry		DNR
4 33081004-Cut 73.1 6117 - Lowland Poletimber 109 81.110 Harvest Clearcut with 613 - Lowland Even-Aged Prescription Clearcut with retention: Cut all trees 3 inches and larger dbh. Retain areas of lower quality and poor quality as well as pockets with hig State	a n			Acres								•	Ha
4 33081004-Cut 73.1 6117 - Lowland Poleinbar Weil Weil Naved Forest Retention Mixed Forest Prescription Clearcut with retention: Cut all trees 3 inches and larger dbh. Retain areas of lower quality and poor quality as well as pockets with hig Stages: Coded volumes. Greater than 90% of all plots will have the cedar volumes at or below 50% basal area cedar compared to total stand bi Vext Step. Monitoring. Natural Regen (Re-Inventory) Iteatments: Acceptable Any mix of the overstory species. Regen: Winter harvest frozen ground conditions. This harvest will provide regeneration of the overstory species and salvage the ash due to E/z Comment: potential. The retention areas on the map are approximate and may be modified during sale preparation. Sile Condition Proposed Stan Date: 101/12020 31 33081031-Cut 22.7 4191 - Mixed Poleitimber 83 1-50 Harvest Clearcut with at 91.9 Mixed Even-Aged Upland Deciduous Medium Weit Confere With Confere With Confere With Confere Prescription Clearcut with retention: Cut all merchantable trees except do not cut hemlock. Seees: Next Step.													
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Treatments: Any mix of the overstory species. Began: Other Winter harvest frozen ground conditions. This harvest will provide regeneration of the overstory species and salvage the ash due to EA Comment: potential. The retention areas on the map are approximate and may be modified during sale preparation. Site Condition Proposed Start Date: Proposed Start Date: 10/1 /2020 31 33081031-Cut 22.7 4191 - Mixed Poletimber 83 asset031-Cut 22.7 4191 - Mixed Poletimber 83 asset031 Clearcut with retention: Cut all merchantable trees except do not cut hemlock. Stee Contitor Commant		CS:	cedar vol										
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<u>Comment:</u> compartment has hemlock regeneration and the cutting of any hemlock in this stand is limited to the pockets of existing regeneration and intended to allow for additional hemlock regeneration. <u>Site Condition</u>			Any mix	of the ove	erstory species.								
		ment:	compartr	nent has	hemlock regenera	tion and the	e cutting						
Proposed Start Date: 10/1 /2020	Site	Condition	<u>1</u>										
	<u>Prop</u>	osed Sta	irt Date:	10/1 /202	20								

S t	Escanaba	Mgt. Unit		Repo	rt 3 ⁻	Treatments		Compartmen Year of Entry		DNR CROUPER
a n Treatment d Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
49 33081049-Cu	t 21.8	4319 - Mixed Upland Forest	Poletimbe Well	er 83	81-110	Harvest	Shelterwood with Retention	4319 - Mixed Upland Forest	Two-Aged	No
Prescription Shelte	erwood harve	est: Cut trees exc	ept hemloc	k, cedai	r and leav	e some pine.				
<u>Next Step</u> Monit	oring, Natura	al Regen (Re-Inve	ntory)							
Acceptable Any m	nix of the ove	erstory species.								
	arvest will p	rovide shade for e	existing rege	eneratio	n and ope	en up to create a	additional regeneration	on.		
Site Condition										
Proposed Start Dat 56 33081056-Cu		20 4134 - Aspen,	Sawtimbe	er 46	81-110	Harvest	Clearcut with	413 - Aspen	Even-Aged	No
		Spruce/Fir	Well				Retention along the edge of the		0	
Specs: retent	ion guideline	es.							on following in	stand
<u>Next Step</u> Monit	oring, Natura	al Regen (Re-Inve	ntory)							
Acceptable Any n Regen:	nix of the ove	erstory species.								
<u>Other</u> <u>Comment:</u>										
Site Condition										
Proposed Start Dat					. = .					
79 33081079-Cu		4191 - Mixed Jpland Deciduous with Conifer	Poletimbe Medium		1-50	Harvest	Clearcut with Retention	4319 - Mixed Upland Forest	Even-Aged	No
Prescription Clearers	cut: Cut all r	merchantable tree	es except lea	ave any	hemlock.					
<u>Next Step</u> Monite <u>Treatments:</u>	oring, Natura	al Regen (Re-Inve	ntory)							
Acceptable Red n Regen:	naple and ar	ny mix of the over	story specie	s.						
	arvest will e ock regenera		e and decid	uous reę	generatior	n component. E	incourage scarification	on as there is po	tential for crea	ating
Site Condition										
Proposed Start Dat										
403 33081403-NF	1.3	3102 - Grass	Nonstock	ed	Unspec ified	NonForestMgt	Other - Specify	3102 - Grass		No
Specs: remov	al of compe		ablishment	of nativ			naturalized species o ducers such as red c			ishhog/saw
<u>Next Step</u> <u>Treatments:</u>										
Acceptable Regen:										
Other Comment:										
Site Condition										
Proposed Start Dat	<u>e:</u> 10/1 /202	20								

Report 3 -- Treatments

S t		Escanaba	Mgt. Unit		Repo	rt 3 ⁻	Freatments		Compartmer Year of Entr		DNR DNR
a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Michigan Habit Cut
404	33081404-NF	2.0	3102 - Grass	Nonstock	ed	Unspec ified	NonForestMgt	Other - Specify	3102 - Grass		Nc
Spec:	<u>s:</u> remov shared <u>Step</u>	al of compet		ablishment	of nativ	iding, see		aturalized species ucers such as red o			
	<u>ments:</u>										
Rege	<u>ptable_</u> n:										
<u>Other</u> Comr	-										
Site C	<u>Condition</u>										
Propo	osed Start Date	<u>e:</u> 10/1 /202	20								
405	33081405-NF	1.5	3102 - Grass	Nonstock	ed	Unspec ified	NonForestMgt	Other - Specify	3102 - Grass		N
<u>Acce</u> Rege											
Acce	<u>ptable</u> n:										
<u>Acce</u> <u>Rege</u> <u>Other</u> <u>Comr</u>	<u>ptable</u> n:										
Accer Rege Other Comr Site (<u>ptable</u> <u>n:</u> : ment:	<u>ə:</u> 10/1 /202	20								
Accer Rege Other Comr Site C Propo	<u>ptable</u> n: : : ment: Condition		20 3102 - Grass	Nonstocke	ed	Unspec ified	NonForestMgt	Other - Specify	3102 - Grass		N
Accer Rege Other Comr Site (Propo 407	ptable n: ment: Condition osed Start Date 33081407-NF cription Prescr s: remov	1.2 ibed fire, far al of compe	3102 - Grass	king, raking ablishment	, herbic of nativ	ified iding, see	ding (native or n	Other - Specify aturalized species ucers such as red o	only), fertilizing a		ushhog/s
Accep Rege Other Comr Site C Propo 407 Preso Spec: Next	ptable n: ment: Condition osed Start Date 33081407-NF cription S: remov shared	1.2 ibed fire, far al of compe	3102 - Grass rming (dozing, dis ting trees and est	king, raking ablishment	, herbic of nativ	ified iding, see	ding (native or n	aturalized species	only), fertilizing a		-
Acce Rege Other Com Site C Propo 407 Preso Spec: Next	ptable n: inent: Condition bsed Start Date 33081407-NF sription Prescr remov shared Step ments: ptable	1.2 ibed fire, far al of compe	3102 - Grass rming (dozing, dis ting trees and est	king, raking ablishment	, herbic of nativ	ified iding, see	ding (native or n	aturalized species	only), fertilizing a		ushhog/s
Accept Rege Other Comr Site C Propo 407 Presc Spec: Next Treat Accept	ptable n: ment: Condition 33081407-NF 33081407-NF cription Step ments: ptable n:	1.2 ibed fire, far al of compe	3102 - Grass rming (dozing, dis ting trees and est	king, raking ablishment	, herbic of nativ	ified iding, see	ding (native or n	aturalized species	only), fertilizing a		ushhog/s
Acceg Rege Other Comr Site C Propo 407 407 Acceg Rege Other Comr	ptable n: ment: Condition 33081407-NF 33081407-NF cription Step ments: ptable n:	1.2 ibed fire, far al of compe	3102 - Grass rming (dozing, dis ting trees and est	king, raking ablishment	, herbic of nativ	ified iding, see	ding (native or n	aturalized species	only), fertilizing a		ushhog/s

Total Treatment 153.2 Acreage Proposed:

Dan Racine : Examiner

Compartment: 81 Year of Entry: 2021

Availability for Management

Total	Acres	Acres Avail	Acres	De	omina	nt Site	e Con	dition	s
Acres	Available	With Condition	Not Available		5B	5C	3L	5D	5E
107	107	0	0	Aspen					
421	19	0	402	Cedar			402		
55	55	0	0	Hemlock			0		
9	9	0	0	Herbaceous Openland			0		
42	42	0	0	Lowland Aspen/Balsam Poplar					
152	73	0	78	Lowland Deciduous			26	44	9
34	20	0	13	Lowland Mixed Forest			13		
11	11	0	0	Lowland Shrub					
106	106	0	0	Mixed Upland Deciduous					
63	9	54	0	Natural Mixed Pines		54			
45	0	36	9	Red Pine	25	11	0		9
134	96	27	11	Upland Conifers		27	11		
23	23	0	0	Upland Mixed Forest					
1,202	571	118	513	Total Forested Acres	25	93	451	44	18
	48%	10%	43%	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	3L: Other wildlife concerns	169	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: High amount of nort	hern white cedar. Lack of trea	atment du	e to Deer Winter Range C	Guidelines.		
2	Unavailable	3L: Other wildlife concerns	95	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: High amount of nort	hern white cedar. Lack of trea	atment du	e to Deer Winter Range C	Guidelines.		

_		naba Mgt. Unit cine : Examiner		Report 4 – Site Coi	nditions	Compartment: 81 Year of Entry: 202	
3	Unavailable	3L: Other wildlife concerns	92	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: High amount of north	ern white cedar. Lack of tre	atment due	to Deer Winter Range (Guidelines.		
4	Unavailable	3L: Other wildlife concerns	26	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: High amount of north	ern white cedar. Lack of tre	atment due	e to Deer Winter Range (Guidelines.		
5	Unavailable	3L: Other wildlife concerns	20	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: High amount of north	ern white cedar. Lack of tre	atment due	e to Deer Winter Range (Guidelines.		
6	Unavailable	3L: Other wildlife concerns	13	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: High amount of north	ern white cedar. Lack of tre	atment due	e to Deer Winter Range (Guidelines.		
7	Unavailable	3L: Other wildlife concerns	11	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: High amount of north	ern white cedar. Lack of tre	atment due	e to Deer Winter Range (Guidelines.		
8	Unavailable	3L: Other wildlife concerns	11	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: High amount of north	ern white cedar. Lack of tre	atment due	e to Deer Winter Range (Guidelines.		

		canaba Mgt. Unit Racine : Examiner		Report 4 – Site Cor	nditions	Compartment: 81 Year of Entry: 202	21
)	Unavailable	3L: Other wildlife concerns	7	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: High amount of no	orthern white cedar. Lack of treat	ment due	to Deer Winter Range G	Guidelines.		
0	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	14	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
1	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	10	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
2	Unavailable	5D: Unproductive Forest Land	44	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
3	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	18	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
4	Available	5B: Maintain for regeneration purposes	25	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						

Report 4 – Site Conditions

Compartment: 81

Dan Racine : Examiner

Escanaba Mgt. Unit

Year of Entry: 2021

15	Unavailable	3L: Other wildlife concerns	8	Unspecified	Unspecified	Unspecified	Unspecified
C	comments:						
16	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	40	Unspecified	Unspecified	Unspecified	Unspecified
C	comments:						
17	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	12	Unspecified	Unspecified	Unspecified	Unspecified
C	comments:						
18	Unavailable	5E: Long-Term Retention	6	Unspecified	Unspecified	Unspecified	Unspecified
C	comments:						
19	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
C	comments:						
20	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
C	comments:						
21	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
C	comments:						

5E: Long-Term Retention	1	Unspecified			
		Chopeenieu	Unspecified	Unspecified	Unspecified
5E: Long-Term Retention	9	Unspecified	Unspecified	Unspecified	Unspecified
	5E: Long-Term Retention	5E: Long-Term Retention 9	5E: Long-Term Retention 9 Unspecified	5E: Long-Term Retention 9 Unspecified Unspecified	5E: Long-Term Retention 9 Unspecified Unspecified Unspecified



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

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

SCA Name SCA Category Detail Type Recommendation Acres

Comments



Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS

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

Conservation Type Description Area	ERA = Ecological Reference Area HCVA = High Conservation Value Area SCA = Special Conservation Area
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Report 7 – Stands

Compartment: 81 Year of Entry: 2021 NATUR

		•	t. Unit							Year of Entry: 2021
stand	Level 4 C	over Type	;	Size Density	Acres St	Acres Stand Age BA		Managed S	Site	General Comments
1	6111 - Lowland Balsam P		Poplar	Sapling Well	28.0	22 Ir	mmature	N/A		Stand was cut under contract 38-93-01 Lannaville Camp Sale. Some
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Canop	by Species	Density	Avg. Height	Size	residual cedar left but Aspen and Balm regeneration. Lost some of the residual cedar due to wind, aspen and balm are mixed throughout.
	Balsam Poplar	55	Sapling/Pole	3 22	Balsa	m Fir	Medium	Variable	Sapling	
Noi	rthern White Cedar	10	Pole	9	Tag A	Alder	Low	5 - 10 feet	Tall Shrub	
	Black Ash	15	Sapling/Pole	3						
	Quaking Aspen	20	Sapling/Pole	3						
2	6120 - Lo	wland Ceda	ar P	oletimber Well	92.5	133 ⁻	111-140	N/A		Stand 97 which was the piece to the west was added into this stand has
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Canop	by Species	Density	Avg. Height	Size	pockets of more ash and regenerating strip cut areas. Overall majority of the stand is heavy to cedar, approx. 76% of the total basal area is cedar
Noi	rthern White Cedar	65	Pole	9 133	Balsa	m Fir	Medium	Variable	Sapling	in most plots. Black ash is larger in a few areas. Mix of other minor
	Black Ash	15	Pole/Sapling	7	Black	Ash	Medium	10 - 20 feet	Sapling	component species.
	Red Maple	10	Log/Pole	10	White S	Spruce	Low	5 - 10 feet	Sapling	
		i			Tag A	Alder	Low	5 - 10 feet	Tall Shrub	
3		land Hemlo		oletimber Well	6.6	112 [·]	141-170	N/A		Small island of hemlock. High BA of total species
3	Canopy Species	% Cover	Size Class	DBH Age	6.6	112 *	141-170	N/A		Small island of hemlock. High BA of total species
3	Canopy Species White Pine	% Cover 15	Size Class Log/Pole	DBH Age	6.6	112	141-170	N/A		Small island of hemlock. High BA of total species
3	Canopy Species	% Cover	Size Class	DBH Age	6.6	112 *	141-170	N/A		Small island of hemlock. High BA of total species
3	Canopy Species White Pine Hemlock 6117 - Lowland	% Cover 15 70	Size Class Log/Pole Pole/Log	DBH Age			81-110	N/A N/A		- · ·
	Canopy Species White Pine Hemlock 6117 - Lowland	% Cover1570Deciduous,iferous	Size Class Log/Pole Pole/Log	DBH Age 14 9 112		109			Size	Very, Very wet site in some areas. This stand is a mix of a few different
	Canopy Species White Pine Hemlock 6117 - Lowland Con	% Cover1570Deciduous,iferous	Size Class Log/Pole Pole/Log Mixed P	DBH Age 14 9 112 oletimber Well	82.4	109 by Species	81-110	N/A	Size Sapling	Very, Very wet site in some areas. This stand is a mix of a few different
	Canopy Species White Pine Hemlock 6117 - Lowland Con Canopy Species	% Cover 15 70 Deciduous, iferous % Cover	Size Class Log/Pole Pole/Log Mixed P Size Class	DBH Age 14 9 112 oletimber Well DBH Age	82.4 Sub-Canop	109 by Species m Fir	81-110 Density	N/A Avg. Height		Very, Very wet site in some areas. This stand is a mix of a few different stands combined. Two balm stands combined into this stand.
	Canopy Species White Pine Hemlock 6117 - Lowland Con Canopy Species Black Ash	% Cover 15 70 Deciduous, iferous % Cover 30	Size Class Log/Pole Pole/Log Mixed P Size Class Pole	DBH Age 14 9 112 oletimber Well DBH Age 9 109	82.4 Sub-Canop Balsa	109 by Species m Fir Alder	81-110 Density Medium	N/A Avg. Height Variable	Sapling	Very, Very wet site in some areas. This stand is a mix of a few different stands combined. Two balm stands combined into this stand.
	Canopy Species White Pine Hemlock 6117 - Lowland Con Canopy Species Black Ash Green Ash	% Cover 15 70 Deciduous, iferous % Cover 30 20	Size Class Log/Pole Pole/Log Mixed Pole Size Class Pole Log/Pole	DBH Age 14 9 112 oletimber Well DBH Age 9 109 10 109 12 109	82.4 Sub-Canop Balsar Tag A	109 by Species m Fir Alder	81-110 Density Medium Low	N/A Avg. Height Variable 5 - 10 feet	Sapling Tall Shrub	Very, Very wet site in some areas. This stand is a mix of a few differen stands combined. Two balm stands combined into this stand.
	Canopy Species White Pine Hemlock 6117 - Lowland Con Canopy Species Black Ash Green Ash Red Maple Balsam Fir 6132 - Mixed Loo	% Cover 15 70 Deciduous, iferous % Cover 30 20 15 20	Size Class Log/Pole Pole/Log Mixed P Size Class Pole Log/Pole Log/Pole Log/Pole	DBH Age 14 9 112 oletimber Well DBH Age 9 109 12 109 10 10	82.4 Sub-Canop Balsar Tag A Buckt	109 by Species m Fir Alder horn	81-110 Density Medium Low	N/A Avg. Height Variable 5 - 10 feet	Sapling Tall Shrub	Very, Very wet site in some areas. This stand is a mix of a few different stands combined. Two balm stands combined into this stand.
4	Canopy Species White Pine Hemlock 6117 - Lowland Con Canopy Species Black Ash Green Ash Red Maple Balsam Fir 6132 - Mixed Loo	% Cover 15 70 Deciduous, iferous % Cover 30 20 15 20 20 wland Foreedar	Size Class Log/Pole Pole/Log Mixed P Size Class Pole Log/Pole Log/Pole Log/Pole	DBH Age 14 9 112 9 112 112 oletimber Well 9 109 12 109 109 10 10 10	82.4 Sub-Canop Balsar Tag A Buckt	109 by Species m Fir Alder horn 114	81-110 Density Medium Low Low	N/A Avg. Height Variable 5 - 10 feet 5 - 10 feet	Sapling Tall Shrub	Very, Very wet site in some areas. This stand is a mix of a few different stands combined. Two balm stands combined into this stand.
4	Canopy Species White Pine Hemlock 6117 - Lowland Con Canopy Species Black Ash Green Ash Red Maple Balsam Fir 6132 - Mixed Lo	% Cover 15 70 Deciduous, iferous % Cover 30 20 15 20 20 wland Foreedar	Size Class Log/Pole Pole/Log Mixed P Size Class Pole Log/Pole Log/Pole Log/Pole	DBH Age 14 9 112 9 112 0letimber Well DBH Age 9 9 109 12 10	82.4 Sub-Canop Balsar Tag A Buckt	109 by Species m Fir Alder horn 114 by Species	81-110 Density Medium Low Low 81-110	N/A Avg. Height Variable 5 - 10 feet 5 - 10 feet N/A	Sapling Tall Shrub Tall Shrub	Very, Very wet site in some areas. This stand is a mix of a few different stands combined. Two balm stands combined into this stand. More of a lowland ash type to the south and south east and cedar to the
4	Canopy Species White Pine Hemlock 6117 - Lowland Con Canopy Species Black Ash Green Ash Red Maple Balsam Fir 6132 - Mixed Lo C	% Cover 15 70 Deciduous, iferous % Cover 30 20 15 20 weather Souther 9 7	Size Class Log/Pole Pole/Log Mixed P Size Class Pole Log/Pole Log/Pole Log/Pole Size Class	DBH Age 14 9 112 0etimber Well 9 109 12 109 10 10 - - awtimber Well - -	Sub-Canop Balsar Tag A Buckt 7.7 Sub-Canop	109 by Species m Fir Alder horn 114 by Species m Fir	81-110 Density Medium Low Low 81-110 Density	N/A Avg. Height Variable 5 - 10 feet 5 - 10 feet N/A Avg. Height	Sapling Tall Shrub Tall Shrub	Very, Very wet site in some areas. This stand is a mix of a few different stands combined. Two balm stands combined into this stand. More of a lowland ash type to the south and south east and cedar to the
4	Canopy Species White Pine Hemlock 6117 - Lowland Con Canopy Species Black Ash Green Ash Red Maple Balsam Fir 6132 - Mixed Lo C Canopy Species thern White Cedar	% Cover 15 70 Deciduous, iferous % Cover 30 20 15 20 waland Fore edar % Cover 40	Size Class Log/Pole Pole/Log Mixed Pole Class Pole Log/Pole Log/Pole St with Size Class Pole Size Class Pole	DBH Age 14 9 112 oletimber Well 9 109 9 109 12 10 10 10 awtimber Well 9 109 10 9 109 10 10 10	Sub-Canop Balsar Tag A Buckt 7.7 Sub-Canop Balsar	109 by Species m Fir Alder horn 114 by Species m Fir Spruce	81-110 Density Medium Low Low 81-110 Density Medium	N/A Avg. Height Variable 5 - 10 feet 5 - 10 feet N/A Avg. Height Variable	Sapling Tall Shrub Tall Shrub Size Sapling	Very, Very wet site in some areas. This stand is a mix of a few different stands combined. Two balm stands combined into this stand.

Report 7 – Stands



Stand	d Level 4 C	over Type	Type Size Density		Acres Stand Age BA Range			Managed S	Site	General Comments
8	6120 - Lo	wland Ceda	ır P	oletimber Medium	n 41.7	129	1-50	N/A		The east side of Makosky road and south portion of stand was treated in winter of 2004, contract# 12-01-01. Most of the mature birch and
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	harwood was cut. Cedar hemlock and pine as well as scattered red
No	orthern White Cedar	60	Log/Pole	10 129	Bals	am Poplar	Medium	Variable	Pole	maple and birch both paper and yellow was left. Lots of cedar blowdown
	Red Maple	10	Log/Pole	10	Re	ed Maple	Low	Variable	Sapling	Scattered pockets of White pine, balsam fir and red maple regenerating
	Hemlock	10	Log/Pole	12	Ba	alsam Fir	Medium	Variable	Sapling	in areas. The west side of the Makosky road to stand 112 was cut under the Makosky Road Balm sale in 1991 with areas of balsam fir, aspen an
	White Pine	10	Log/Pole	12	Norther	n White Cedar	Low	< 5 feet	Sapling	balm but predominately a C5 stand. Stand is P4, F3, C2 with residual
					T	ag Alder	Low	5 - 10 feet	Tall Shrub	cedar in stand at approximately 40-50BA. There is cedar regeneration
					W	hite Pine	Low	Variable	Sapling	which is < 5feet tall. The balsam fir and white pine are filling in in the large gaps with some Red maple.
9	6120 - Lo	wland Ceda	ır	Poletimber Well	64.6	118	111-140	N/A		Heavy to cedar and not the best quality. The Cedar BA= 84%.
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
No	orthern White Cedar	80	Pole	9 118	Ba	alsam Fir	Low	Variable	Sapling	
	Black Ash	10	Pole	8	T	ag Alder	Medium	5 - 10 feet	Tall Shrub	
					В	ack Ash	Low	5 - 10 feet	Sapling	
11	6120 - Lo	wland Ceda	ır	Poletimber Well	17.1	123	171-200	N/A		
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
No	orthern White Cedar	65	Log/Pole	11 123	Ba	alsam Fir	Low	Variable	Sapling	
	Paper Birch	10	Log/Pole	10	Bals	am Poplar	Low	Variable	Sapling	
	Balsam Fir	10	Log/Pole	10						
14	6120 - Lo	wland Ceda	ır	Sawtimber Well	44.9	119	141-170	N/A		This stand is a mix The strips can be seen on the photo and are made
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	up of red maple and paper birch at 4 to 5 inches. Mix of other species within the strips. Some portions of this stand to the east and between the
No	orthern White Cedar	50	Log/Pole	10 119	Ba	alsam Fir	High	Variable	Sapling	strips are predominately cedar. The north is a mix with the hemlock,
	Paper Birch	10	Log/Pole	14	W	hite Pine	Medium	Variable	Sapling	cedar, maple, yellow and paper birch, balsam fir and hemlock.
	Balsam Fir	10	Pole	9	F	lemlock	Low	5 - 10 feet	Sapling	
	Red Maple	10	Log/Pole	10	Norther	n White Cedar	Low	< 5 feet	Sapling	
					Wh	ite Spruce	Low	Variable	Sapling	
					Re	ed Maple	Medium	>20 feet	Pole	
					Pa	per Birch	Low	>20 feet	Pole	
15	429 - Mixed U	Jpland Con	ifers	Sawtimber Well	10.6	119	111-140	N/A		Hemlock stand with white pine and other minor species.
	Canopy Species	% Cover	Size Class							
	White Pine	35	Log/Pole	14						
	Hemlock	55	Log/Pole	12 119						

Report 7 – Stands



Sou

		_				.				Tear of Entry: 2021
stand	Level 4 C	over Type		Size De	nsity	Acres Stand Age	e BA Range	Managed S	Site	General Comments
16	42290 - Nat	ural Mixed F	Pine Sa	wtimber	Medium	13.9 119	1-50	N/A		Portion of stand treated in winter of 2004, contract 12-01-01. Red and white pine were marked and mature aspen and balsam fir was removed
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Speci	es Density	Avg. Height	Size	while pille were marked and malure aspen and baisan in was removed
	Hemlock	25	Log	14		Hemlock	Low	5 - 10 feet	Sapling	
	Red Pine	35	Log	15	119	Red Maple	Low	10 - 20 feet	Sapling	
	White Pine	25	Log	16		Balsam Fir	Medium	Variable	Sapling	
No	rthern White Cedar	10	Log/Pole	10		Tag Alder	Low	5 - 10 feet	Tall Shrub	
						White Pine	High	Variable	Sapling	
18	4191 - Mixed Upl Co	and Decidu onifer	ous with P	oletimb	er Well	34.0 37	51-80	N/A		Cut in 1983 under contract 33-042-80-01. This stand had diameters from 8 to 9 inches down to 4 to 5 inches. Next treatment period this
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Speci	es Density	Avg. Height	Size	stand should be ready. Bigger stretch of timber just to north of opening that separates stand 112 and 18.
	Red Maple	15	Pole/Sapling	6		Balsam Fir	High	Variable	Sapling	
	Quaking Aspen	35	Pole/Sapling	7	37	Tag Alder	Low	5 - 10 feet	Tall Shrub	
	Balsam Fir	20	Pole/Sapling	6		Black Ash	Low	5 - 10 feet	Sapling	
20	429 - Mixed	Upland Con	ifers P	oletimbe	er Poor	16.0 46	1-50	N/A		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Speci	ies Density	Avg. Height	Size	
	Red Maple	15	Pole	6		Red Maple	Medium	10 - 20 feet	Sapling	
	Red Pine	20	Pole	9		Balsam Fir	High	Variable	Sapling	
	Paper Birch	10	Pole	8		White Pine	Medium	Variable	Sapling	
	White Pine	20	Log/Pole	10		Beech	Low	5 - 10 feet	Sapling	
	Balsam Fir	25	Pole	9	46	Black Ash	Low	5 - 10 feet	Sapling	
	Black Spruce	10	Pole	8		Red Pine	Low	5 - 10 feet	Sapling	
21	429 - Mixed	Upland Con	ifers S	awtimbe	er Poor	9.8 114	1-50	N/A		Treated in 2004, contract 12-01-01. Stand was marked and most of the
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Speci	ies Density	Avg. Height	Size	pine was cut to open up the stand to encourage the white pine regeneration already in the stand understory to grow and also to get mo
	White Pine	45	Log	16	114	Balsam Fir	Medium	Variable	Sapling	regeneration. Lots of hemlock regeneration in some areas.
	Red Pine	10	Log	16		Hemlock	Medium	5 - 10 feet	Sapling	
	Hemlock	45	Log/Pole	10	114	White Pine	Medium	Variable	Sapling	
						Red Maple	Low	10 - 20 feet	Sapling	
23	42350 - Up	land Hemlo	ock P	oletimb	er Well	11.9 144	111-140	N/A		This stand was held from treatment in a previous review.
	Canopy Species	% Cover	Size Class	DBH	Age					
	White Pine	20	Log	14						
	Red Maple	10	Log/Pole	12						
	Hemlock	68	Log/Pole	10	144					

Report 7 – Stands



Stand	Level 4 C	over Type	S	ize De	nsity	Acres	Stand Age B	A Range	Managed S	Site	General Comments			
29	6120 - Lo	wland Ceda	ar Po	oletimb	er Well	6.7	129	111-140	N/A		Small cedar - red maple, white birch, black ash mix thoughout the stand.			
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size				
No	rthern White Cedar	70	Pole	8	129	Та	ag Alder	High	5 - 10 feet	Tall Shrub				
	Red Maple	10	Pole	9		Bl	ack Ash	Low	Variable	Sapling				
	Black Ash	10	Pole/Sapling	7		Ba	lsam Fir	Low	Variable	Sapling				
31	4191 - Mixed Upla Co	and Decidu onifer	ous with Pole	etimbei	Medium	า 22.7	83	1-50	N/A		Stand cut in winter of 2004, Contract# 330140101. Stand is coming back to A, Rm, Fb. Residual timber includes Rm Wb Fb.			
	Canopy Species	% Cover	Size Class	ss DBH		Sub-Ca	nopy Species	Density	Avg. Height	Size				
	Red Maple			9	83	Ba	lsam Fir	High	Variable	Sapling				
	Hemlock			-	Pole				Re	d Maple	Medium	10 - 20 feet	Sapling	
	Balsam Fir	20	Pole	8		WI	nite Pine	Low	Variable	Sapling				
	Paper Birch	15			Pole	9		Qual	king Aspen	Low	5 - 10 feet	Sapling		
32	4191 - Mixed Upla Co	and Decidu onifer	ous with Pole	etimbe	Medium	า 40.1	43	1-50	N/A		Diameters range in the aspen, balm and balsam fir at 5 to 8 inches. Combination of a few different stands and ages.			
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size				
	Balsam Fir	20	Pole/Sapling	6	43	Ba	lsam Fir	High	Variable	Sapling				
	Quaking Aspen	35	Pole	6	43	Blac	ck Spruce	Low	< 5 feet	Sapling				
	Balsam Poplar	25	Pole	6		Та	ag Alder	Low	5 - 10 feet	Tall Shrub				
	Red Maple	15	Pole/Sapling	5										
34	6120 - Lo	wland Ceda			er Well	21.1	109	81-110	N/A	Cedar stand with low wet poor quality to better quality and upland ridge \neg with hemlock and white pine.				
	Canopy Species		Size Class		Age		nopy Species	Density	Avg. Height	Size				
No	rthern White Cedar	50	Log/Pole	10	109	Ba	lsam Fir	Medium	Variable	Sapling				
	Balsam Fir	10	Pole	9										
	Hemlock	10	Log/Pole	10										
	Red Maple	10	Log/Pole	10										
	White Pine	10	Log	14										
35	42210 - Na	tural Red P	ine Sa	awtimb	er Poor	24.9	119	1-50	N/A		This stand was treated under the Nighthawk Ridge - Treated fall of			
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	2003. Sale # 14-01-01. Stand was marked and selectively harvested. Good regeneration of pine already established. Long term plan is to			
	Red Pine	80	Log/XLog	16	119	R	ed Pine	Medium	Variable	Sapling	regenerate this stand to Red pine. Stand is curently filling in with white			
	Hemlock	10	Log	14		WI	nite Pine	Low	Variable	Sapling	pine and some hemlock. Thin stand down to BA =50 to encourage red			
	White Pine	10	Log/XLog	16		Ba	lsam Fir	Medium	Variable	Sapling	pine regeneration. Let stand regenerate to red pine and then harvest the rest of the red pine.			
						Н	emlock	Low	5 - 10 feet	Sapling				
											Last treated under the Nighthawk pine sale in which the stand was cut to approximately 30 BA and scarified for red pine regeneration. The stand was cut under the. Sale was complete and ready for closure in 2014.			

Report 7 – Stands



Stand	Level 4 Co	over Type		Size De	ensity	Acres Stand Age BA Range			Managed S	Site	General Comments
43	6120 - Lov	wland Ceda	ar	Poletimb	er Well	95.0	129	141-170	N/A		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Specie	es Density	Avg. Height	Size	
Nor	thern White Cedar	50	Log/Pole	10	129	Ba	lsam Fir	Low	Variable	Sapling	
	Balsam Fir	15	Pole	9							
	Balsam Poplar	10	Log/Pole	10							
	Paper Birch	10	Pole	9							
	Red Maple	10	Log/Pole	10							
44	4135 - As	pen, Ceda	r	Sapling	g Well	66.1	15	Immature	N/A		Stand was cut in winter of 2004, under permit # 13-01-01. Residual
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Specie	es Density	Avg. Height	Size	cedar was left within the stand.
	Quaking Aspen	45	Sapling	3	15	Ba	lsam Fir	Low	Variable	Sapling	
	Balsam Poplar	35	Sapling	3	15						1
Nor	thern White Cedar	20	Pole	9							
45	622 - Low	/land Shrut)	Nonsto	ocked	7.7	0	Unspecified	No		LOWLAND BRUSH, TAG ALDER AND RED OISER DOGWOOD IN THE UNDERSTORY. There are scattered tamarack and few trees but lean to lowland brush stand here.
46	429 - Mixed L	Jpland Con	ifers	Poletimb	er Well	II 11.2 114 51		51-80	N/A		THINNED IN 1989 AND BURNED IN 1994, SOME AREAS OF GOOD
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Specie	es Density	Avg. Height	Size	HEMILOCK AND WHITE PINE REGENERATION.
	Hemlock	45	Log	10	114	R	ed Pine	Low	Variable	Sapling	
	Red Pine	25	Log	14		WI	nite Pine	Medium	Variable	Sapling	
	White Pine	25	Log	14		Н	emlock	Medium	5 - 10 feet	Sapling	
49	4319 - Mixed	Upland Fo	orest	Poletimb	er Well	22.9	83	81-110	N/A		Old and larger timber in areas. This stand has pockets of cedar and
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Specie	es Density	Avg. Height	Size	black ash. Variable stand with upland and lowland and mix of species.
Nor	rthern White Cedar	15	Log/Pole	10		Ba	lsam Fir	High	Variable	Sapling	
	Hemlock	10	Log/Pole	12		WI	nite Pine	Low	5 - 10 feet	Sapling	
	Red Maple	35	Log/Pole	10	83						-
	White Pine	10	Log/Pole	14							
	Red Pine	10	Log/Pole	14							
52	42350 - Upl	and Hemlo	ock	Sawtimb	er Poor	15.0	119	51-80	N/A		This stand was thinned in 1990 under Holly Hemlock Sale. Stand cut
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Specie	es Density	Avg. Height	Size	again under the Nighthawk Pine sale in 2014. For the regeneration survey this stand had a high amount of hemlock in it and due to the
	Hemlock	80	XLog/Log	18	119	Н	emlock	Medium	Variable	Sapling	Nighthawk pine harvest it is damaged or bent over from standing
	White Pine	10	XLog/Log	18		WI	nite Pine	High	Variable	Sapling	position. Monitor to see if this responds here and decide at any
								-			treatment that could be done at that time.
	Red Pine	10	Log/XLog	16		Ba	lsam Fir	Medium	Variable	Sapling	
		10	Log/XLog	16			Isam Fir d Maple	Medium Medium	Variable 10 - 20 feet	Sapling Sapling	

Report 7 – Stands

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Stan	d Level 4 C	over Type	S	Size De	nsity	Acres Stand	d Age BA	ARange	Managed S	Site	General Comments
53	429 - Mixed U	Jpland Con	ifers Pole	etimber	Medium	12.4 80	D	1-50	N/A		Residual white pine and red pine log sized trees left with balsam fir,
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy S	Species	Density	Avg. Height	Size	white pine, and red pine with some hemlock in the understory regenerating to a mix upland conifer stand. Understory or overstory
	White Pine	50	Pole	9	80	White Pin	ne	High	Variable	Sapling	could be the main stand here.
	Red Maple	20	Pole/Sapling	6		Balsam F	ir	High	Variable	Sapling	
	Quaking Aspen	15	Pole/Sapling	6		Red Map	le	Medium	5 - 10 feet	Sapling	
54	6120 - Lo	wland Ceda	ar Po	oletimbe	er Well	10.9 12	.6 1	71-200	N/A		Mature woodland habitat along riparian corridor. Heavy to cedar with black ash and red maple, balsam fir. Lowland brush area near road.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy S	Species	Density	Avg. Height	Size	black ash and red maple, baisan in. Lowiand brush area hear road.
No	orthern White Cedar	60	Pole	9	126	Tag Alde	er	High	5 - 10 feet	Tall Shrub	
	Red Maple	10	Pole	9		Balsam F	ir	Low	Variable	Sapling	
	Paper Birch	10	Pole	9							
	Black Ash	15	Pole	7							
55	6111 - Lowlan	d Balsam F	Poplar Po	oletimbe	er Poor	13.6 15	5 In	nmature	N/A		Treated in 2004, contract # 14-01-01. Mature aspen, white birch, balm hardwood was cut. Residual cedar, hemlock, black ash and yellow birch
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy S	Species	Density	Avg. Height	Size	was left. Let this go for a few years to see what comes in naturally.
	Balsam Poplar	50	Sapling/Pole	4	15	Tag Alde	er	High	5 - 10 feet	Tall Shrub	Stand is filling in with balm, red maple and Fb. Residual cedar and
	Black Ash	30	Pole	8		White Spru	lce	Low	Variable	Sapling	hemlock patches were left.
	Quaking Aspen	10	Sapling/Pole	4		Balsam F	ir	Low	Variable	Sapling	
						Red Mapl	le	Low	5 - 10 feet	Sapling	
56	4134 - Aspe	en, Spruce/	'Fir Sa	awtimbe	er Well	9.1 46	6 8	81-110	N/A		STAND CUT IN 1973. Trace amount of cedar and ash.
								01 110			
	Canopy Species	% Cover	Size Class	DBH	-	Sub-Canopy S	Species	Density	Avg. Height	Size	
	Quaking Aspen	50	Size Class Log/Pole	DBH 11	Age 46	Sub-Canopy S Balsam F	ir	Density Medium	Avg. Height Variable	Sapling	
	Quaking Aspen Balsam Fir	50 20	Size Class Log/Pole Log/Pole	DBH 11 10	-	Sub-Canopy S	ir	Density	Avg. Height		
	Quaking Aspen	50	Size Class Log/Pole	DBH 11	-	Sub-Canopy S Balsam F	ir	Density Medium	Avg. Height Variable	Sapling	
58	Quaking Aspen Balsam Fir	50 20 30 ural Mixed F	Size Class Log/Pole Log/Pole Log/Pole	DBH 11 10 12 vtimber	46 Medium	Sub-Canopy S Balsam F Red Map 40.4 11	ir le 4	Density Medium	Avg. Height Variable	Sapling	CUT IN 1990 "VANENKENVORT ASPEN BLOCK SALE". Aspen and
58	Quaking Aspen Balsam Fir Red Maple 42290 - Natu Canopy Species	50 20 30 ural Mixed F % Cover	Size Class Log/Pole Log/Pole Log/Pole	DBH 11 10 12 vtimber DBH	46 Medium	Sub-Canopy S Balsam F Red Map	ir le 4	Density Medium Medium	Avg. Height Variable 10 - 20 feet	Sapling Sapling Size	CUT IN 1990 "VANENKENVORT ASPEN BLOCK SALE". Aspen and White pine regeneration with a mix of other species.
58	Quaking Aspen Balsam Fir Red Maple 42290 - Natu Canopy Species Red Pine	50 20 30 ural Mixed F	Size Class Log/Pole Log/Pole Log/Pole	DBH 11 10 12 vtimber	46 Medium	Sub-Canopy S Balsam F Red Map 40.4 11	ir le 4 Species	Density Medium Medium 1-50	Avg. Height Variable 10 - 20 feet N/A	Sapling Sapling Size Sapling	· · · · · · · · · · · · · · · · · · ·
58	Quaking Aspen Balsam Fir Red Maple 42290 - Natu Canopy Species	50 20 30 ural Mixed F % Cover	Size Class Log/Pole Log/Pole Log/Pole Pine Saw Size Class	DBH 11 10 12 vtimber DBH	46 Medium	Sub-Canopy S Balsam F Red Mapl 40.4 11 Sub-Canopy S	4 Species	Density Medium Medium 1-50 Density	Avg. Height Variable 10 - 20 feet N/A Avg. Height	Sapling Sapling Size	· · · · · · · · · · · · · · · · · · ·
58	Quaking Aspen Balsam Fir Red Maple 42290 - Natu Canopy Species Red Pine	50 20 30 ural Mixed F % Cover 30	Size Class Log/Pole Log/Pole Log/Pole Pine Saw Size Class Log	DBH 11 10 12	46 Medium	Sub-Canopy S Balsam F Red Mapl 40.4 11 Sub-Canopy S White Pin	4 Species uce	Density Medium Medium 1-50 Density Medium	Avg. Height Variable 10 - 20 feet N/A Avg. Height Variable	Sapling Sapling Size Sapling	· · · · · · · · · · · · · · · · · · ·
58	Quaking Aspen Balsam Fir Red Maple 42290 - Natu Canopy Species Red Pine White Pine	50 20 30 ural Mixed F % Cover 30 40	Size Class Log/Pole Log/Pole Pine Saw Size Class Log Log	DBH 11 10 12 vtimber DBH 16	46 Medium	Sub-Canopy S Balsam F Red Map 40.4 11 Sub-Canopy S White Pin White Spru	4 Species ne uce le	Density Medium Medium 1-50 Density Medium Low	Avg. Height Variable 10 - 20 feet N/A Avg. Height Variable Variable	Sapling Sapling Size Sapling Sapling	•
58	Quaking Aspen Balsam Fir Red Maple 42290 - Natu Canopy Species Red Pine White Pine	50 20 30 ural Mixed F % Cover 30 40	Size Class Log/Pole Log/Pole Pine Saw Size Class Log Log	DBH 11 10 12 vtimber DBH 16	46 Medium	Sub-Canopy S Balsam F Red Map 40.4 11 Sub-Canopy S White Pin White Spru Red Map	4 Species ne uce le pen	Density Medium Medium 1-50 Density Medium Low	Avg. Height Variable 10 - 20 feet N/A Avg. Height Variable Variable 10 - 20 feet	Sapling Sapling Size Sapling Sapling Sapling	· · · · · · · · · · · · · · · · · · ·
58	Quaking Aspen Balsam Fir Red Maple 42290 - Natu Canopy Species Red Pine White Pine	50 20 30 ural Mixed F % Cover 30 40	Size Class Log/Pole Log/Pole Pine Saw Size Class Log Log	DBH 11 10 12 vtimber DBH 16	46 Medium	Sub-Canopy S Balsam F Red Mapl 40.4 11 Sub-Canopy S White Pin White Spru Red Mapl Quaking As	4 Species he lace le pen ir	Density Medium Medium 1-50 Density Medium Low Low Medium	Avg. Height Variable 10 - 20 feet N/A Avg. Height Variable Variable 10 - 20 feet 10 - 20 feet	Sapling Sapling Size Sapling Sapling Sapling Sapling	•
58	Quaking Aspen Balsam Fir Red Maple 42290 - Natu Canopy Species Red Pine White Pine	50 20 30 ural Mixed F % Cover 30 40	Size Class Log/Pole Log/Pole Pine Saw Size Class Log Log	DBH 11 10 12 vtimber DBH 16	46 Medium	Sub-Canopy S Balsam F Red Mapl 40.4 11 Sub-Canopy S White Pin White Spru Red Mapl Quaking As Balsam F	4 Species ne uce le pen ir uce	Density Medium Medium 1-50 Density Medium Low Low Medium Medium	Avg. Height Variable 10 - 20 feet N/A Avg. Height Variable Variable 10 - 20 feet 10 - 20 feet Variable	Sapling Sapling Size Sapling Sapling Sapling Sapling Sapling	White pine regeneration with a mix of other species.
58	Quaking Aspen Balsam Fir Red Maple 42290 - Natu Canopy Species Red Pine White Pine Hemlock	50 20 30 Jural Mixed F % Cover 30 40 15	Size Class Log/Pole Log/Pole Cog/Pole Cog/Pole Cog/Pole Cog Class Log Log Log Log	DBH 11 10 12 vtimber DBH 16 16 12	Age 114 er Well	Sub-Canopy S Balsam F Red Mapl 40.4 11 Sub-Canopy S White Pin White Spru Red Mapl Quaking As Balsam F Black Spru	4 Species ne uce le pen fir uce er	Density Medium Medium 1-50 Density Medium Low Low Medium Medium Medium	Avg. Height Variable 10 - 20 feet N/A Avg. Height Variable Variable 10 - 20 feet 10 - 20 feet 5 - 10 feet	Sapling Sapling Size Sapling Sapling Sapling Sapling Sapling Sapling	White pine regeneration with a mix of other species.
	Quaking Aspen Balsam Fir Red Maple 42290 - Natu Canopy Species Red Pine White Pine Hemlock	50 20 30 yral Mixed F % Cover 30 40 15	Size Class Log/Pole Log/Pole Cog/Pole Cog/Pole Cog/Pole Cog Class Log Log Log Log	DBH 11 10 12 vtimber DBH 16 16 12	Age 114 er Well	Sub-Canopy S Balsam F Red Mapl 40.4 11 Sub-Canopy S White Pin White Spru Red Mapl Quaking As Balsam F Black Spru Tag Alde	4 Species ne uce le pen fir uce ser	Density Medium Medium 1-50 Density Medium Low Medium Medium Low Low	Avg. Height Variable 10 - 20 feet N/A Avg. Height Variable Variable 10 - 20 feet 10 - 20 feet 5 - 10 feet 5 - 10 feet	Sapling Sapling Size Sapling Sapling Sapling Sapling Sapling Sapling	White pine regeneration with a mix of other species. Last cut under the Nighthawk pine sale and previously STAND CUT UNDER PERMIT 38-91-1, BROKEN CHAIN PINE SALE IN 1993. The
	Quaking Aspen Balsam Fir Red Maple 42290 - Natu Canopy Species Red Pine White Pine Hemlock 42210 - Natu	50 20 30 yral Mixed F % Cover 30 40 15	Size Class Log/Pole Log/Pole Pine Saw Size Class Log Log Log	DBH 11 10 12 vtimber DBH 16 16 12	Age 114 er Well	Sub-Canopy S Balsam F Red Mapl 40.4 11 Sub-Canopy S White Pin White Spru Red Mapl Quaking As Balsam F Black Spru Tag Alde	4 Species A A B B B B B B B B B B B B B B B B B	Density Medium Medium 1-50 Density Medium Low Low Medium Low Low	Avg. Height Variable 10 - 20 feet N/A Avg. Height Variable Variable 10 - 20 feet 10 - 20 feet 5 - 10 feet 5 - 10 feet	Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling Tall Shrub	White pine regeneration with a mix of other species.

Report 7 – Stands

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Stand	d Level 4 Cover Type					Acres Stand Age BA Range Managed Site				General Comments		
61	6120 - Lo	wland Ceda	ır P	Poletimber Poor		15.1 96	1-50	N/A		The stand is a mix of timber along the edge with areas of cedar, red		
	Canopy Species	% Cover	Size Class	DBH		Sub-Canopy Species	Density	Avg. Height	Size	maple, black ash, upland ridge of white pine and hemlock. The center lowland brush. Overall mix of cedar, lowland hardwoods and upland p		
	White Pine	20	XLog	18		Black Spruce	Low	< 5 feet	Sapling	and hemlock. Did not get age from cedar		
	Hemlock	20	Log	16		White Pine	Low	Variable	Sapling			
Nor	rthern White Cedar	50	Pole	9	96	Balsam Fir	Medium	Variable	Sapling			
						Red Maple	Low	10 - 20 feet	Sapling			
						Red Pine	Low	5 - 10 feet	Sapling			
						Tag Alder	Medium	5 - 10 feet	Tall Shrub			
						Buckthorn	Low	5 - 10 feet	Tall Shrub			
65	42380 - Non Pir Mixed [ne Upland C Deciduous	conifer, S	Sawtimbe	er Well	49.7 139	111-140	N/A		Extremely variable stand with upland ridges and lowland swales that could be typed out to several stands. The upland consists of hemlock		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	5 Density	Avg. Height	Size	white pine, red maple, paper birch and balsam fir. The lowland consis of cedar, red maple, paper birch and minor amounts of black ash. The		
	Hemlock	30	Log/Pole	12	139	Balsam Fir	Medium	Variable	Sapling	southwest finger is an upland ridge with more paper birch than anythin		
Nor	rthern White Cedar	25	Log/Pole	10		Red Maple	Low	10 - 20 feet	Sapling	Canopy % is relatively consistent but species mix is variable.		
	White Pine	10	Log/XLog	16		White Pine	Low	Variable	Sapling			
	winte i nie	10										
-	Red Maple 6118 - Lowland D	10 eciduous w	Log/Pole	10 Poletimbe		Tag Alder 25.5 96	Low 1-50	5 - 10 feet N/A		SMALL STUNTED CEDAR, CROOKED, POOR QUALITY.		
68	Red Maple 6118 - Lowland D 4130	10 eciduous w - Aspen	Log/Pole ith Cedar Pole	oletimbe oletimbe	er Well	25.5 96 19.0 36	1-50 1-50	N/A N/A				
	Red Maple 6118 - Lowland D 4130 Canopy Species	10 eciduous w - Aspen % Cover	Log/Pole ith Cedar Pr P Size Class	oletimbe oletimbe DBH	er Well Age	25.5 96 19.0 36 Sub-Canopy Specie	1-50 1-50 Density	N/A N/A Avg. Height	Size	SMALL STUNTED CEDAR, CROOKED, POOR QUALITY.		
68	Red Maple 6118 - Lowland D 4130 Canopy Species Quaking Aspen	10 eciduous w - Aspen % Cover 65	Log/Pole ith Cedar Pole Pole Pole	oletimbe oletimbe DBH	er Well	25.5 96 19.0 36 Sub-Canopy Species Balsam Fir	1-50 1-50 Density High	N/A N/A Avg. Height Variable	Size Sapling	SMALL STUNTED CEDAR, CROOKED, POOR QUALITY.		
68	Red Maple 6118 - Lowland D 4130 Canopy Species Quaking Aspen Balsam Poplar	10 eciduous w - Aspen % Cover 65 15	Log/Pole ith Cedar Pole Pole Pole	Poletimbe	er Well Age	25.5 96 19.0 36 Sub-Canopy Specie	1-50 1-50 Density	N/A N/A Avg. Height	Size	SMALL STUNTED CEDAR, CROOKED, POOR QUALITY.		
68	Red Maple 6118 - Lowland D 4130 Canopy Species Quaking Aspen	10 eciduous w - Aspen % Cover 65	Log/Pole ith Cedar Pole Pole Pole	oletimbe oletimbe DBH	er Well Age	25.5 96 19.0 36 Sub-Canopy Species Balsam Fir	1-50 1-50 Density High	N/A N/A Avg. Height Variable	Size Sapling	SMALL STUNTED CEDAR, CROOKED, POOR QUALITY.		
68	Red Maple 6118 - Lowland D 4130 Canopy Species Quaking Aspen Balsam Poplar	10 eciduous w - Aspen	Log/Pole ith Cedar Pole Pole Pole Pole	Poletimbe	Age 36	25.5 96 19.0 36 Sub-Canopy Species Balsam Fir	1-50 1-50 Density High	N/A N/A Avg. Height Variable	Size Sapling Sapling	SMALL STUNTED CEDAR, CROOKED, POOR QUALITY. STAND WAS CUT IN 1983, " OLD COBWEB BLOCK SALE" Poor quality small diameter and lowland brush in many areas. Some		
68 69	Red Maple 6118 - Lowland D 4130 Canopy Species Quaking Aspen Balsam Poplar Balsam Fir 6118 - Lowland D Canopy Species	 10 eciduous w Aspen % Cover 65 15 15 eciduous w % Cover 	Log/Pole ith Cedar Pole Pole Pole Pole ith Cedar Pole Size Class	Poletimbe DBH 6 8 Voletimbe Voletimbe DBH	er Well Age 36 er Poor	25.5 96 19.0 36 Sub-Canopy Species Balsam Fir White Spruce 43.7 85 Sub-Canopy Species	1-50 1-50 Density High Low 1-50	N/A N/A Avg. Height Variable Variable	Size Sapling Sapling Size	SMALL STUNTED CEDAR, CROOKED, POOR QUALITY. STAND WAS CUT IN 1983, " OLD COBWEB BLOCK SALE"		
68 69	Red Maple 6118 - Lowland D 4130 Canopy Species Quaking Aspen Balsam Poplar Balsam Fir 6118 - Lowland D Canopy Species Red Maple		Log/Pole ith Cedar Pole Pole Pole Pole Size Class Size Class Pole/Sapling	Poletimbe DBH 6 6 8 voletimbe DBH 7	er Well Age 36 er Poor	25.5 96 19.0 36 Sub-Canopy Species Balsam Fir White Spruce 43.7 85 Sub-Canopy Species Balsam Fir	1-50 1-50 Density High Low 1-50 Density Medium	N/A N/A Avg. Height Variable Variable N/A Avg. Height Variable	Size Sapling Sapling Size Sapling	SMALL STUNTED CEDAR, CROOKED, POOR QUALITY. STAND WAS CUT IN 1983, " OLD COBWEB BLOCK SALE" Poor quality small diameter and lowland brush in many areas. Some scattered black spruce and minor component species. There are a few		
68 69	Red Maple 6118 - Lowland D 4130 Canopy Species Quaking Aspen Balsam Poplar Balsam Fir 6118 - Lowland D Canopy Species Red Maple Paper Birch	 10 eciduous w Aspen 65 15 15 15 eciduous w % Cover 	Log/Pole ith Cedar Pole Pole Pole Pole ith Cedar Pole Size Class Pole/Sapling Pole	Poletimbe DBH 6 8 Voletimbe Voletimbe DBH	er Well Age 36 ar Poor Age	25.5 96 19.0 36 Sub-Canopy Species Balsam Fir White Spruce 43.7 85 Sub-Canopy Species Balsam Fir Red Maple	1-50 1-50 Density High Low 1-50 5 Density Medium Low	N/A N/A Avg. Height Variable Variable N/A Avg. Height Variable 5 - 10 feet	Size Sapling Sapling Sapling Sapling Sapling	SMALL STUNTED CEDAR, CROOKED, POOR QUALITY. STAND WAS CUT IN 1983, " OLD COBWEB BLOCK SALE" Poor quality small diameter and lowland brush in many areas. Some scattered black spruce and minor component species. There are a fer pockets of timber that may be able to harvest along edge of stand boundaries.		
68 69	Red Maple 6118 - Lowland D 4130 Canopy Species Quaking Aspen Balsam Poplar Balsam Fir 6118 - Lowland D Canopy Species Red Maple		Log/Pole ith Cedar Pole Pole Pole Pole ith Cedar Pole Size Class Pole/Sapling Pole Pole	Poletimbe DBH 6 8 Poletimbe DBH 7 8 9	er Well Age 36 er Poor	25.5 96 19.0 36 Sub-Canopy Species Balsam Fir White Spruce 43.7 85 Sub-Canopy Species Balsam Fir Red Maple Tag Alder	1-50 Density High Low 1-50 Density Medium Low Medium	N/A N/A Avg. Height Variable Variable N/A Avg. Height Variable 5 - 10 feet 5 - 10 feet	Size Sapling Sapling Sapling Sapling Sapling Tall Shrub	SMALL STUNTED CEDAR, CROOKED, POOR QUALITY. STAND WAS CUT IN 1983, " OLD COBWEB BLOCK SALE" Poor quality small diameter and lowland brush in many areas. Some scattered black spruce and minor component species. There are a fe pockets of timber that may be able to harvest along edge of stand boundaries.		
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68 69	Red Maple 6118 - Lowland D 4130 Canopy Species Quaking Aspen Balsam Poplar Balsam Fir 6118 - Lowland D Canopy Species Red Maple Paper Birch rthern White Cedar		Log/Pole ith Cedar Pole Pole Pole Pole ith Cedar Pole Size Class Pole/Sapling Pole Pole	Poletimbe DBH 6 8 Poletimbe DBH 7 8 9	er Well Age 36 ar Poor Age	25.5 96 19.0 36 Sub-Canopy Species Balsam Fir White Spruce 43.7 85 Sub-Canopy Species Balsam Fir Red Maple Tag Alder	1-50 Density High Low 1-50 Density Medium Low Medium	N/A N/A Avg. Height Variable Variable N/A Avg. Height Variable 5 - 10 feet 5 - 10 feet	Size Sapling Sapling Sapling Sapling Sapling Tall Shrub	SMALL STUNTED CEDAR, CROOKED, POOR QUALITY. STAND WAS CUT IN 1983, " OLD COBWEB BLOCK SALE" Poor quality small diameter and lowland brush in many areas. Some scattered black spruce and minor component species. There are a fe pockets of timber that may be able to harvest along edge of stand boundaries.		
68	Red Maple 6118 - Lowland D 4130 Canopy Species Quaking Aspen Balsam Poplar Balsam Fir 6118 - Lowland D Canopy Species Red Maple Paper Birch rthern White Cedar Black Ash 6132 - Mixed Lo	10 eciduous w - Aspen % Cover 65 15 15 20 15 30 30 30 30 wward Foreedar	Log/Pole ith Cedar Pole Pole Pole Pole Pole Size Class Pole/Sapling Pole	Poletimbe Poletimbe DBH 6 6 8 Poletimbe DBH 7 8 9 6 Poletimbe	er Well Age 36 36 9 9 9 85 85 9	25.5 96 19.0 36 Sub-Canopy Species Balsam Fir White Spruce 43.7 85 Sub-Canopy Species Balsam Fir Red Maple Tag Alder Buckthorn Black Ash 12.7 84	1-50 1-50 Density High Low 1-50 Density Medium Medium Medium Low S1-80	N/A N/A Avg. Height Variable Variable N/A Avg. Height Variable 5 - 10 feet 5 - 10 feet 5 - 10 feet 10 - 20 feet N/A	Size Sapling Sapling Sapling Sapling Tall Shrub Tall Shrub Sapling	SMALL STUNTED CEDAR, CROOKED, POOR QUALITY. STAND WAS CUT IN 1983, " OLD COBWEB BLOCK SALE" Poor quality small diameter and lowland brush in many areas. Some scattered black spruce and minor component species. There are a fer pockets of timber that may be able to harvest along edge of stand boundaries. Stand was broken out when Night hawk Ridge sale was put up. This ground is lower and wetter than the area that was cut. Mostly black asi		
68 69 Nor 78	Red Maple 6118 - Lowland D 4130 Canopy Species Quaking Aspen Balsam Poplar Balsam Fir 6118 - Lowland D Canopy Species Red Maple Paper Birch rthern White Cedar Black Ash 6132 - Mixed Lo	10 eciduous w - Aspen % Cover 65 15 15 20 15 30 30 30 30 wward Foreedar	Log/Pole ith Cedar Pole Pole Pole Pole Pole Size Class Pole/Sapling Pole Pole Pole Pole Pole	Poletimbe DBH 6 8 0etimbe DBH 7 8 9 6 8 9 6 20etimbe	er Well Age 36 36 9 9 9 85 85 9	25.5 96 19.0 36 Sub-Canopy Species Balsam Fir White Spruce 43.7 85 Sub-Canopy Species Balsam Fir Red Maple Tag Alder Buckthorn Black Ash	1-50 1-50 Density High Low 1-50 Density Medium Medium Medium Low S1-80	N/A N/A Avg. Height Variable Variable N/A Avg. Height Variable 5 - 10 feet 5 - 10 feet 5 - 10 feet 10 - 20 feet	Size Sapling Sapling Sapling Sapling Tall Shrub Tall Shrub Sapling Sapling	SMALL STUNTED CEDAR, CROOKED, POOR QUALITY. STAND WAS CUT IN 1983, " OLD COBWEB BLOCK SALE" Poor quality small diameter and lowland brush in many areas. Some scattered black spruce and minor component species. There are a fe pockets of timber that may be able to harvest along edge of stand boundaries. Stand was broken out when Night hawk Ridge sale was put up. This		
68 69 Nor 78	Red Maple 6118 - Lowland D 4130 Canopy Species Quaking Aspen Balsam Poplar Balsam Fir 6118 - Lowland D Canopy Species Red Maple Paper Birch rthern White Cedar Black Ash 6132 - Mixed Lc	10 eciduous w - Aspen % Cover 65 15 15 20 15 30 30 30 30 wward Foreedar	Log/Pole ith Cedar Pole Pole Pole Pole Pole Size Class Pole/Sapling Pole	Poletimbe Poletimbe DBH 6 6 8 Poletimbe DBH 7 8 9 6 Poletimbe	er Well Age 36 36 9 9 9 85 85 9	25.5 96 19.0 36 Sub-Canopy Species Balsam Fir White Spruce 43.7 85 Sub-Canopy Species Balsam Fir Red Maple Tag Alder Buckthorn Black Ash 12.7 84	1-50 1-50 Density High Low 1-50 Density Medium Medium Medium Low S1-80	N/A N/A Avg. Height Variable Variable N/A Avg. Height Variable 5 - 10 feet 5 - 10 feet 5 - 10 feet 10 - 20 feet N/A	Size Sapling Sapling Sapling Sapling Sapling Tall Shrub Sapling	SMALL STUNTED CEDAR, CROOKED, POOR QUALITY. STAND WAS CUT IN 1983, " OLD COBWEB BLOCK SALE" Poor quality small diameter and lowland brush in many areas. Some scattered black spruce and minor component species. There are a fer pockets of timber that may be able to harvest along edge of stand boundaries. Stand was broken out when Night hawk Ridge sale was put up. This ground is lower and wetter than the area that was cut. Mostly black asi		

Report 7 – Stands



stand	d Level 4 C	over Type		Size Density	Acres	Stand Age E	A Range	Managed S	Site	General Comments
79	4191 - Mixed Upla Co	and Decidu nifer	ous with Po	etimber Medium				2009- Stand cut in winter of 2004, Contract# 330140101. Stand is coming back to A, Rm, Fb. Residual timber includes Rm Wb Fb.		
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Maple	55	Pole	9 83	Re	d Maple	Medium	10 - 20 feet	Sapling	
	Hemlock	10	Log/Pole	10	Ba	Isam Fir	High	Variable	Sapling	
	Paper Birch	15	Pole	9	Quak	ing Aspen	Low	10 - 20 feet	Sapling	
	Balsam Fir	20	Pole	9	Wh	nite Pine	Low	Variable	Sapling	
					Whit	te Spruce	Low	5 - 10 feet	Sapling	
83	42290 - Natu	Iral Mixed F	Pine	Sapling Well	8.6	29	Immature	N/A		Sapling stand with conifer and maple.
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	White Pine	40	Sapling	3 29	Wh	nite Pine	Low	5 - 10 feet	Sapling	
	Red Pine	30	Sapling	4	Re	ed Pine	Low	5 - 10 feet	Sapling	
	Red Maple	25	Sapling/Pole	4	Ba	lsam Fir	Medium	Variable	Sapling	
					H	emlock	Low	5 - 10 feet	Sapling	
					Whit	te Spruce	Low	5 - 10 feet	Sapling	
86	42390 - Mixed I Co	Non-Pine L nifers	Ipland S	awtimber Poor	7.0	110	1-50	N/A		This stand is a mix of a stand treated in the early 90's and a stand treated under the nighthawk pine sale. Mixed conifer above mixed regeneration
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Regeneration established in stand prior to harvest. Follow up next treatment to monitor additional regeneration from Nighthawk pine
	Hemlock	35	Log	12 110	Re	d Maple	High	10 - 20 feet	Sapling	harvest.
No	orthern White Cedar	25	Log	12	Wh	nite Pine	Medium	10 - 20 feet	Sapling	
	White Pine	35	Log/Pole	12	Ba	Isam Fir	Medium	Variable	Sapling	
				_	Blac	k Spruce	Low	< 5 feet	Sapling	
101	6120 - Lov	vland Ceda	ar P	oletimber Well	11.3	99	111-140	N/A		Stand contains more cedar than the surrounding stand, Cedar makes u
	Canopy Species	% Cover	Size Class	DBH Age						66% of stand BA.
No	orthern White Cedar	50	Pole	9 99						
	Quaking Aspen	10	Pole	9						
	Balsam Poplar	10	Pole	9						
	Balsam Fir	10	Pole	9						
	Black Ash	10	Pole	8						
	Green Ash	10	Log/Pole	10						
105	622 - Lov	/land Shrut)	Nonstocked	3.6	119 U	Inspecified	No		Checked from the edge. There is some timber along the edge but lowland shrub type overall.
106	42210 - Nat	ural Red P	ine Po	letimber Medium	n 8.8	99	51-80	N/A		Low pocket bog type area within the stand. This stand was treated in th
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Nighthawk pine sale as a shelter-wood harvest but residual varies up to 60-70 BA.
	Red Pine	70	Log	12 99	Re	d Maple	Low	Variable	Sapling	
	White Pine	20	Log	16	Та	ag Alder	Low	5 - 10 feet	Tall Shrub	

Report 7 – Stands



Stand Level 4 Co		over Type		e Size Density		Acres	Stand Age E	Managed Site		General Comments	
112	4130	- Aspen	Р	oletimb	er Well	13.0	28	Immature	N/A		Predominately Aspen with some balm and Fir areas. Scattered hemloc cedar, and pine. Was cut in 1991 under the Makosky road balm sale.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
	Quaking Aspen	65	Pole	6	28	Northern	White Cedar	Low	< 5 feet	Sapling	
	Balsam Poplar	20	Pole/Sapling	5		Bal	sam Fir	High	Variable	Sapling	
	Balsam Fir	15	Pole	8							
14	42350 - Upl	land Hemlo	ock S	awtimb	er Well	8.3	105	81-110	N/A		
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	opy Species	Density	Avg. Height	Size	
	White Pine	30	Log	14		Bal	sam Fir	Low	Variable	Sapling	
	Hemlock	60	Log/Pole	10	105	Blac	k Spruce	Low	Variable	Sapling	
15	42350 - Upl	land Hemlo	ock P	oletimb	er Well	13.2	105	51-80	N/A		Portions of this stand was treated under contract 33548801, Petrin blin
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	opy Species	Density	Avg. Height	Size	block Sale. Still a predominately a hemlock type.
	Hemlock	60	Log/Pole	12	105	Northern	White Cedar	Low	< 5 feet	Sapling	
Noi	rthern White Cedar	20	Log	10		He	emlock	Low	Variable	Sapling	
	White Pine	15	Log/Pole	14		Wh	ite Pine	Medium	Variable	Sapling	
					I	Bal	sam Fir	Medium	Variable	Sapling	
					-	-					
						Red	d Maple	Medium	10 - 20 feet	Sapling	
							d Maple ing Aspen	Medium Low	10 - 20 feet 10 - 20 feet	Sapling Sapling	
116	429 - Mixed L	Jpland Cor	nifers Sa	wtimber	· Mediur	Quaki					Stand was treated under contract 33140101, nighthawk ridge sale
-	429 - Mixed L Canopy Species	•	nifers Sa • Size Class		[·] Mediur	Quaki n 17.7	ing Aspen	Low 51-80	10 - 20 feet		completed in 2004. Some of the hemlock is 12-15 tall. Sliver of tag
-		•				Quaki n 17.7 Sub-Car	ing Aspen 105	Low 51-80	10 - 20 feet N/A	Sapling	
-	Canopy Species	% Cover	Size Class	DBH	Age	Quaki n 17.7 Sub-Car Bal	105 10 9 Species	Low 51-80 Density	10 - 20 feet N/A Avg. Height	Sapling	completed in 2004. Some of the hemlock is 12-15 tall. Sliver of tag
-	Canopy Species White Pine	% Cover	Size Class	DB - 12	Age	Quaki n 17.7 Sub-Car Bal Wh	105 nopy Species sam Fir	51-80 Density High	10 - 20 feet N/A Avg. Height Variable	Sapling Size Sapling	completed in 2004. Some of the hemlock is 12-15 tall. Sliver of tag
	Canopy Species White Pine Red Maple	* Cover	Size Class Log Pole	DBH 12 8	Age	Quaki n 17.7 Sub-Car Bal Wh Rec	105 105 Sam Fir ite Pine	Low 51-80 Density High Medium	10 - 20 feet N/A Avg. Height Variable Variable	Sapling Size Sapling Sapling	completed in 2004. Some of the hemlock is 12-15 tall. Sliver of tag
	Canopy Species White Pine Red Maple Paper Birch	% Cover 25 18 15	Size Class Log Pole Sapling/Pole	DBH 12 8 4	Age	Quaki n 17.7 Sub-Car Bal Wh Rec Blac	105 105 sam Fir ite Pine d Maple	Low 51-80 Density High Medium Low	10 - 20 feet N/A Avg. Height Variable Variable 10 - 20 feet	Sapling Size Sapling Sapling Sapling	completed in 2004. Some of the hemlock is 12-15 tall. Sliver of tag
	Canopy Species White Pine Red Maple Paper Birch rthern White Cedar	% Cover 25 18 15 10	 Size Class Log Pole Sapling/Pole Log/Pole 	DBH 12 8 4 10	Age	Quaki n 17.7 Sub-Car Bal Wh Rec Blac	105 105 sam Fir ite Pine d Maple k Spruce	Low 51-80 Density High Medium Low Low	10 - 20 feet N/A Avg. Height Variable Variable 10 - 20 feet < 5 feet	Sapling Size Sapling Sapling Sapling Sapling	completed in 2004. Some of the hemlock is 12-15 tall. Sliver of tag
	Canopy Species White Pine Red Maple Paper Birch rthern White Cedar Hemlock Red Pine 6132 - Mixed Lo	% Cover 25 18 15 10 20 10	 Size Class Log Pole Sapling/Pole Log/Pole Log/Pole Log/Pole 	DBH 12 8 4 10 12 14	I Age 105	Quaki n 17.7 Sub-Car Bal Wh Rec Blac	105 105 sam Fir ite Pine d Maple k Spruce	Low 51-80 Density High Medium Low Low	10 - 20 feet N/A Avg. Height Variable Variable 10 - 20 feet < 5 feet	Sapling Size Sapling Sapling Sapling Sapling	completed in 2004. Some of the hemlock is 12-15 tall. Sliver of tag
Nor 119	Canopy Species White Pine Red Maple Paper Birch rthern White Cedar Hemlock Red Pine 6132 - Mixed Lo	% Cover 25 18 15 10 20 10	 Size Class Log Pole Sapling/Pole Log/Pole Log/Pole Log/Pole 	DBH 12 8 4 10 12 14	105	Quaki n 17.7 Sub-Car Bal Wh Rec Blac He 13.2	105 105 105 105 105 105 105 105	Low Low Low Low Low Low	10 - 20 feet N/A Avg. Height Variable 10 - 20 feet < 5 feet Variable	Sapling Size Sapling Sapling Sapling Sapling	completed in 2004. Some of the hemlock is 12-15 tall. Sliver of tag alder and lowland brush through runs through the stand.
Noi 119	Canopy Species White Pine Red Maple Paper Birch thern White Cedar Hemlock Red Pine 6132 - Mixed Lo	% Cover 25 18 15 10 20 10	Size Class Log Pole Sapling/Pole Log/Pole Log/Pole Log/Pole Est with P	DBH 12 8 4 10 12 14	I Age 105	Quaki n 17.7 Sub-Car Bal Wh Rec Blac He 13.2 Sub-Car	105 105 105 sam Fir ite Pine d Maple k Spruce emlock 114	Low Low Low Low Low Low	10 - 20 feet N/A Avg. Height Variable 10 - 20 feet < 5 feet Variable N/A	Sapling Size Sapling Sapling Sapling Sapling Sapling	completed in 2004. Some of the hemlock is 12-15 tall. Sliver of tag alder and lowland brush through runs through the stand.
Noi 119	Canopy Species White Pine Red Maple Paper Birch rthern White Cedar Hemlock Red Pine 6132 - Mixed Lo Canopy Species	% Cover 25 18 15 10 20 10 20 10 % Cover	Size Class Log Pole Sapling/Pole Log/Pole Log/Pole Log/Pole est with P Size Class	DBH 12 8 4 10 12 14 voletimb	I Age 105 er Well	Quaki n 17.7 Sub-Car Bal Wh Rec Blac He 13.2 Sub-Car Bla	Ing Aspen 105 Inopy Species sam Fir ite Pine d Maple k Spruce emlock 114	Low Low Low Low Low Low Low Low	10 - 20 feet N/A Avg. Height Variable 10 - 20 feet < 5 feet Variable N/A Avg. Height	Sapling Size Sapling Sapling Sapling Sapling Sapling Sapling	completed in 2004. Some of the hemlock is 12-15 tall. Sliver of tag alder and lowland brush through runs through the stand.
Noi 119	Canopy Species White Pine Red Maple Paper Birch rthern White Cedar Hemlock Red Pine 6132 - Mixed Lo Ce Canopy Species rthern White Cedar Black Ash	% Cover 25 18 15 10 20 10 20 10 % Cover % Cover 50	Size Class Log Pole Sapling/Pole Log/Pole Log/Pole Log/Pole est with P Size Class Pole	DBH 12 8 4 10 12 14	I Age 105 105 er Well I Age 114	Quaki n 17.7 Sub-Car Bal Wh Rec Blac He 13.2 Sub-Car Bla	Ing Aspen 105 Inopy Species sam Fir ite Pine d Maple k Spruce emlock 114 114 Inopy Species ick Ash sam Fir	Low Low Low Low Low Low Low Low Low Low	10 - 20 feet N/A Avg. Height Variable 10 - 20 feet < 5 feet Variable N/A Avg. Height 10 - 20 feet	Sapling Size Sapling Sapling Sapling Sapling Sapling Sapling	completed in 2004. Some of the hemlock is 12-15 tall. Sliver of tag alder and lowland brush through runs through the stand.
Nor 119	Canopy Species White Pine Red Maple Paper Birch rthern White Cedar Hemlock Red Pine 6132 - Mixed Lo Canopy Species rthern White Cedar Black Ash 3102	% Cover 25 18 15 10 20 10 20 10 20 50 50	Size Class Log Pole Sapling/Pole Log/Pole Log/Pole Log/Pole Size Class Pole Pole Pole	DBH 12 8 4 10 12 14	I Age 105 er Well I Age 114 bocked	Quaki n 17.7 Sub-Car Bal Wh Rec Blac He 13.2 Sub-Car Bla Bal Bal	Ing Aspen 105 Inopy Species sam Fir ite Pine d Maple k Spruce emlock 114 Inopy Species ick Ash sam Fir L	Low Jensity High High Low Low Low Low Low Low Low Low	10 - 20 feet N/A Avg. Height Variable 10 - 20 feet < 5 feet Variable N/A Avg. Height 10 - 20 feet Variable	Sapling Size Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling	completed in 2004. Some of the hemlock is 12-15 tall. Sliver of tag alder and lowland brush through runs through the stand. OPIC - FMD: Smaller run of cedar than the stan to the west.

	Escanaba Mgt. Unit			Report 7 – Sta	nds	Compartment: 81 Year of Entry: 2021	AT RESOURCE
Stand	Level 4 Cover Type	Size Density	Acres	Stand Age BA Range	Managed Site	General Comments	NN .
405	3102 - Grass	Nonstocked	1.5	Unspecified	No	OPIC - FMD: TRY SEEDING WITH CANADA NATURAL RYE, MOW A NEEDED WITHIN THIS DECADE.	٨S
407	3102 - Grass Nonstocked			Unspecified	No	OPIC - FMD: TRY TO SEED WITH CANADA WILD RYE. MOW AS NEEDED WITHIN THIS DECADE.	
						NEEDED WITHIN THIS DECADE.	