

Compartment Review Presentation

Escanaba Forest Management Unit

Compartment 33071 Entry Year: 2027 Acreage: 700

County: Menominee

Management Area: Menominee-Marquette

Stand Examiner: George Wilson

Legal Description:

T40N - R25W, SECTION 31 & 32, Menominee County, Michigan.

Identified Planning Goals:

This compartment is comprised of primarily northern hardwoods, cedar, and lowland conifer stands. Three northern hardwood stands will be thinned this entry. The thinning will release the higher quality stems. Four lowland conifer stands were harvested last entry and are regenerating with a mix of lowland conifer species.

Soil and topography:

Mostly flat to gently rolling with scattered low and marshy areas mixed in. Major soil series found within this compartment are: Onaway, Rousseau, Salona on the high ground, Cathro, Ensly, Lupton, Tawas in the low ground.

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

Private ownership to the south and east, State ownership to west and north.

Unique Natural Features:

Some areas of Old growth hemlock.

Archeological, Historical, and Cultural Features:

N/A

Special Management Designations or Considerations:

N/A

Watershed and Fisheries Considerations:

Whitney Creek is a tributary to FortySeven Mile Creek, which does have brook trout in it but neither are a designated trout stream. Goals should be to maintain adequate buffers to Whitney Creek to help maintain colder temperatures for brook trout (100 ft. at least). There are also wetland areas within this compartment

(https://www.mcgi.state.mi.us/wetlands/mcgiMap.html#) If any treatments are near a wetland area, best management practices should be incorporated which include a 100' buffer.

Wildlife Habitat Considerations:

This small compartment is primarily cedar swamp with intervening hardwood ridges. Past management has mainly focused on thinning northern hardwood stands while maintaining the considerable tree species diversity found here. These hardwood stands typically contain maple, hemlock, birch, beech, cedar, cherry, and ironwood. This decade, the main treatments will again be hardwood thinning with the same considerations for maintaining tree species diversity. In addition, mature stands of spruce and tamarack will be clearcut. The dense stands of cedar and hemlock will be retained for wildlife cover. This diversity enhances wildlife habitat.

Mineral Resource and Development Concerns and/or Restrictions

No known potential exists for commercial oil & gas production in this part of the state. The closest active sand & gravel operation is less than two miles southeast. The compartment consists predominantly of low wetlands, which would inhibit surface mining, but there is some limited potential for development of sand & gravel in the compartment on the few upland drumlins. Little is known of the subsurface geology in this area, and further research or testing would be needed to evaluate metallic mineral potential beneath the compartment. The nearest current leasing activity involving State-owned mineral rights is four miles west, and the closest mineral test drilling site is more than two miles northwest. Potential for any economic development of metallic minerals within/beneath the compartment is considered low at this time.

Vehicle Access:

There is access through the compartment on two track roads, but you can only access those roads through private property, either from the north or south.

Survey Needs:

Four registered survey corners will need to be set.

Recreational Facilities and Opportunities:

Hunting, trapping and atving.

Fire Protection:

Fire occurrence is low in this area, should a fire get started, there is access to this area.

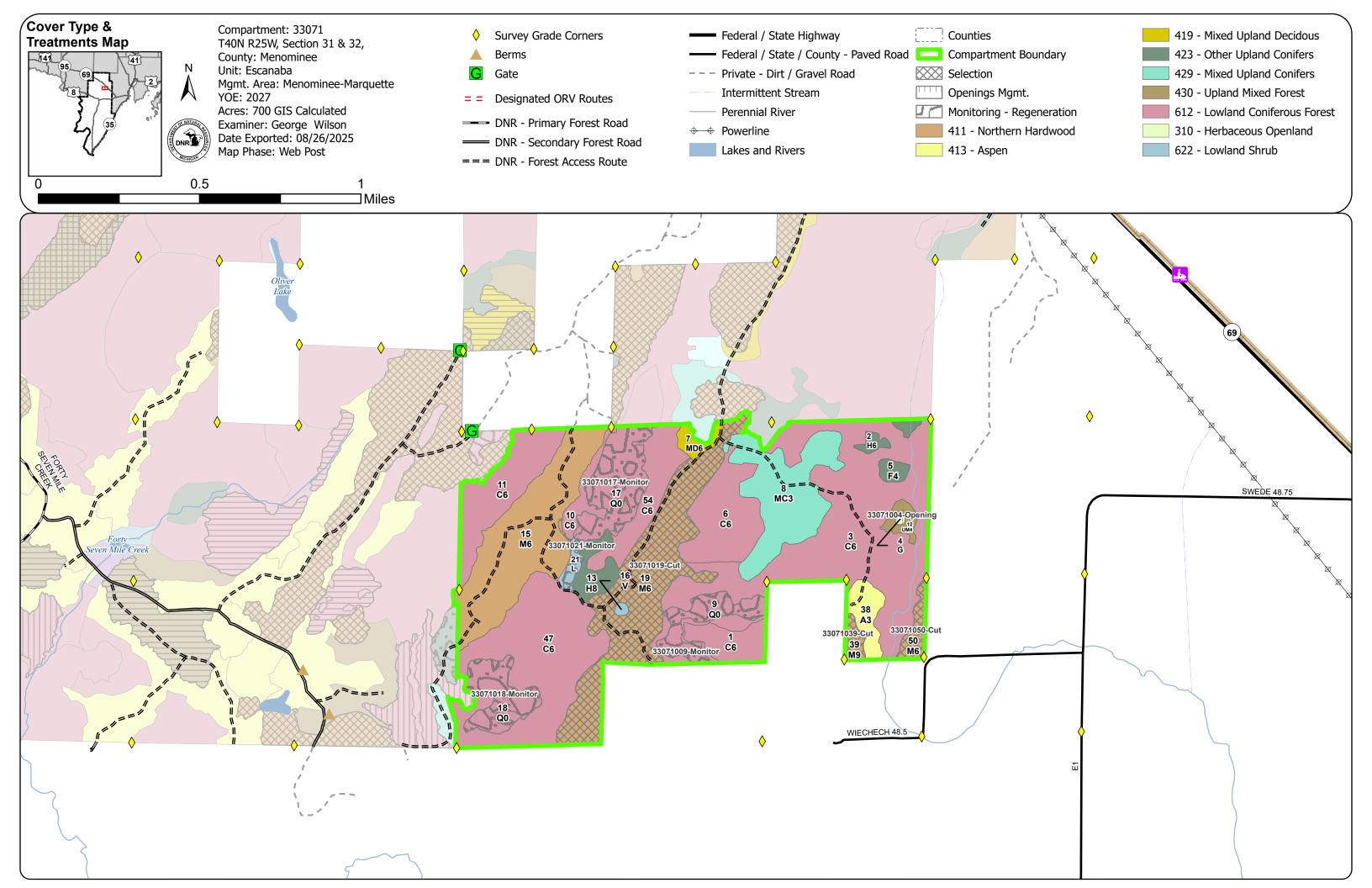
Additional Compartment Information:

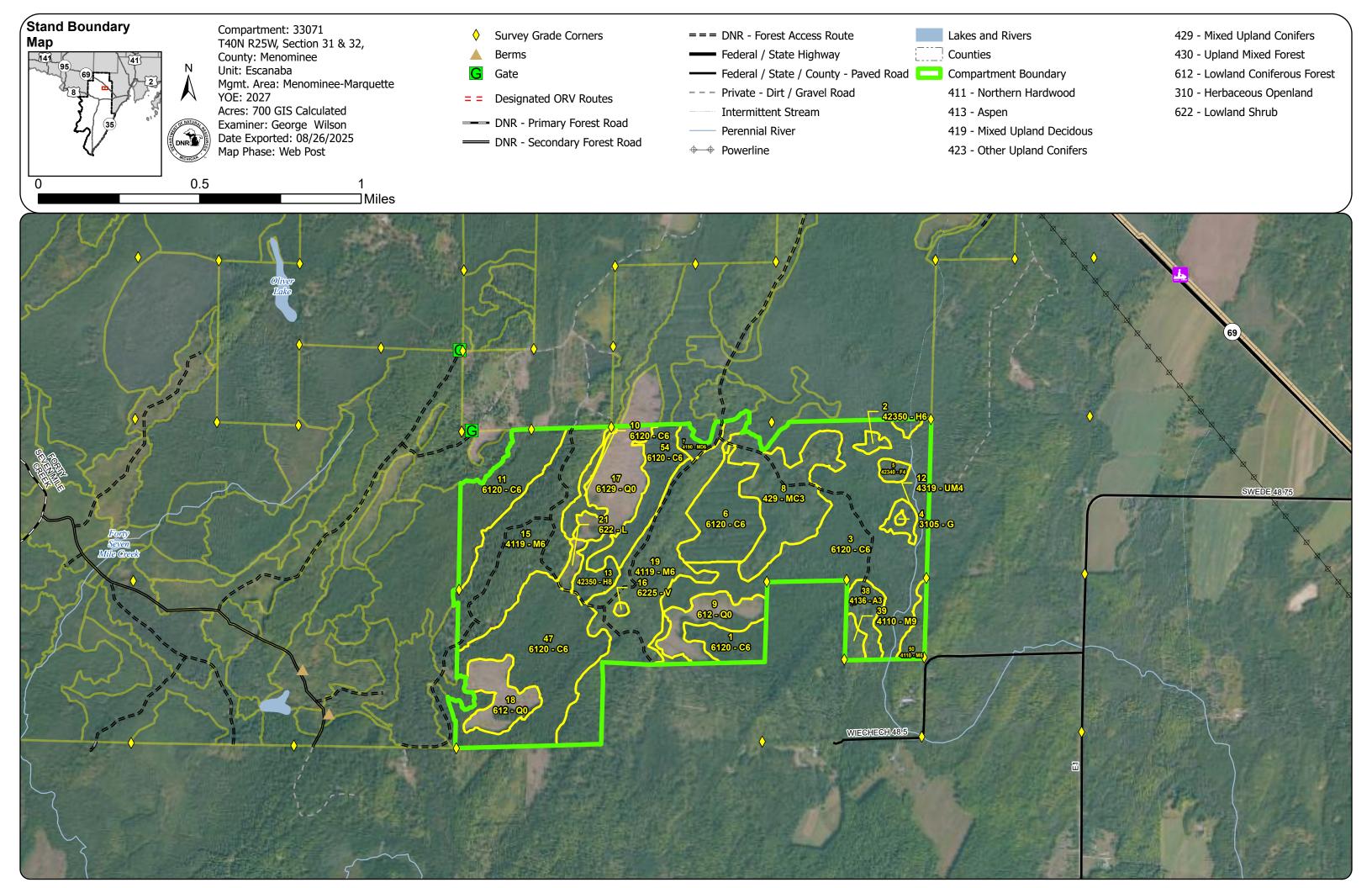
The following reports from the Inventory are attached:

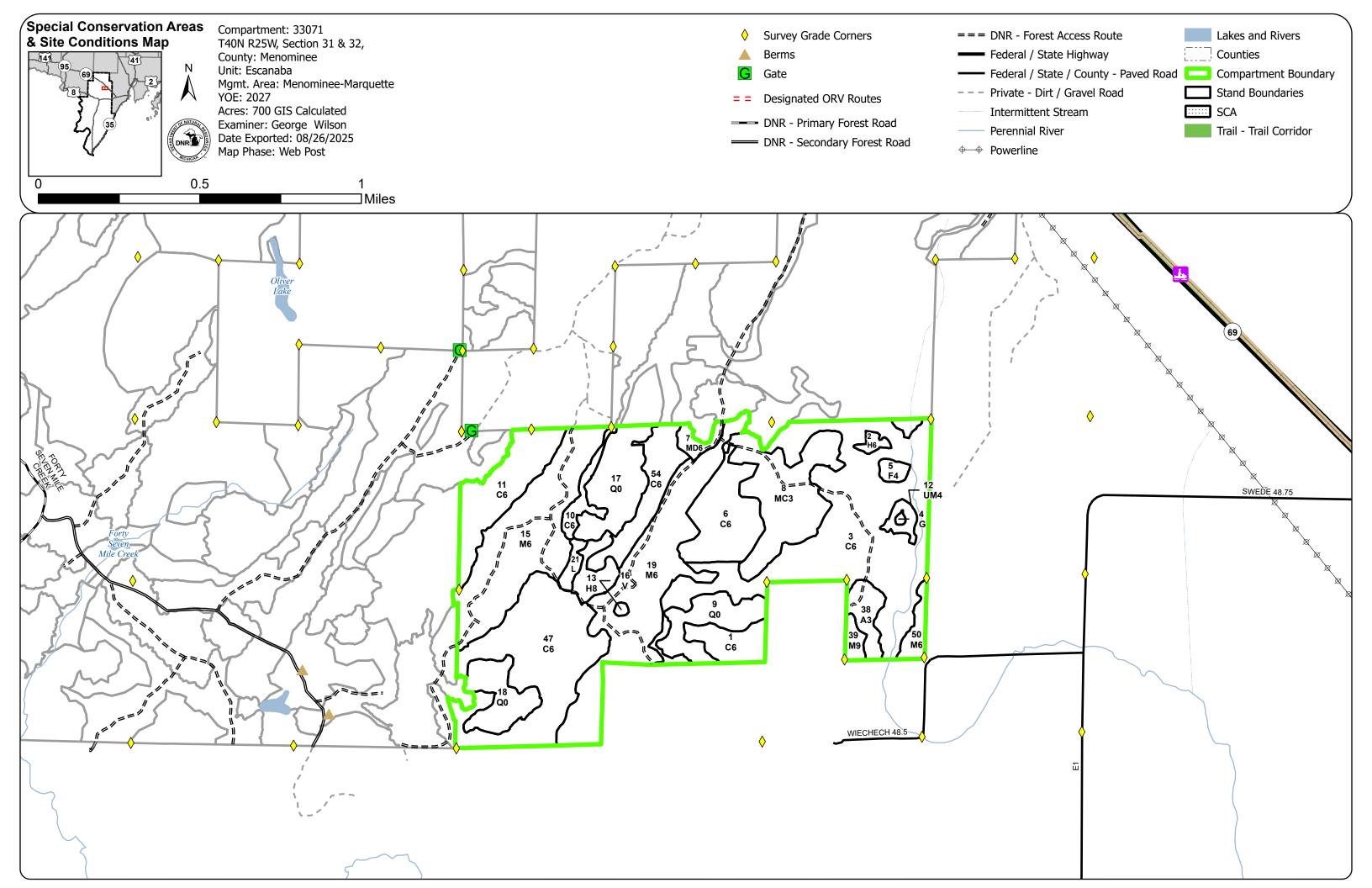
Total Acres by Cover Type and Age Class
Cover Type by Harvest Method
Proposed Treatments – No Limiting Factors
Proposed Treatments – With Limiting Factors
Stand Details (Forested and Nonforested)
Dedicated and Proposed Special Conservation Areas
Site Condition Details

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







Escanaba Mgt. Unit

Compartment 71 Year of Entry 2027

George Wilson: Examiner



Age Class

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Aspen	0	0	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	11
Bog	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Cedar	0	0	0	0	0	0	0	0	0	0	0	0	327	25	0	0	0	0	351
Hemlock	0	0	0	0	0	0	0	0	0	0	0	0	0	5	11	0	0	0	15
Herbaceous Openland	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Lowland Conifers	76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	76
Lowland Shrub	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Mixed Upland Deciduous	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Northern Hardwood	0	0	0	0	0	0	0	0	0	163	0	0	0	0	0	0	0	12	175
Upland Conifers	0	0	0	0	52	0	0	0	0	0	0	0	0	0	0	0	0	0	52
Upland Mixed Forest	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	5
Upland Spruce/Fir	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	4
Total	82	0	0	0	68	0	0	0	0	172	0	0	327	30	11	0	0	12	700



Report 2 – Treatment Summary

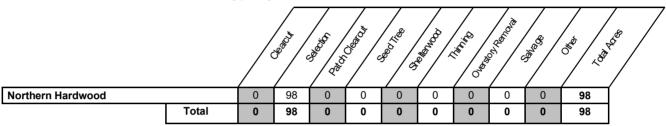
Escanaba Mgt. Unit Year of Entry: 2027

Acres of Harvest

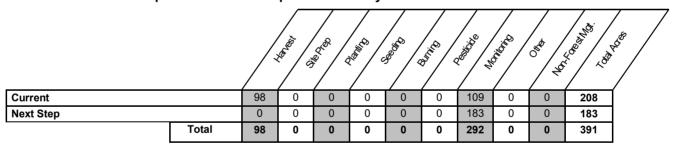
Compartment 71
Total Compartment Acres: 700

Commercial Harvest - 172 Harvests with Site Condition - 22 Next Step Harvest - 0 Habitat Cut - 0

Cover Type by Harvest Method



Proposed and Next Step Treatments by Method



Escanaba Mgt. Unit

Report 3 -- Treatments

Compartment: 33071 Year of Entry: 2027



a n	Treatment	Acres	Stand	Size	Stand	ВА	Treatment	Treatment	Cover Type	Age	Habitat
d	Name		CoverType	Density	Age	Range	Type	Method	Objective	Structure	Cut

Proposed Treatments:

4 33071004- 0.6 3105 - Mixed Upland 99 Openings Mgmt. Openings Mgmt. 310 - Previous No Opening Herbaceous Inventory Openland

Prescription | Prescribed fire, farming (dozing, disking, raking, herbiciding, seeding (native or naturalized species only)), fertilizing and liming, brushhog/saw | Specs: removal of competing trees and establishment of native hard and soft mast producers such as red oak, crabap

Next Step Treatments:

Acceptable
Regen:
Other

Comment:

Site Condition:

Proposed Start Date: 10/01/2026

6 33071006-35.9 6120 - Lowland 116 141-Monitoring Monitoring -6120 - Lowland Cutting No Monitor Cedar 170 Regeneration Cedar Record

Prescription Regeneration check

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable cedar, fir, spruce, tamarack

Regen:
Other
Comment:

Site Condition: Shelterwood/Seed Source

Proposed Start Date: 10/01/2026

19 33071019-Cut 86.0 4119 - Mixed 6 85 111- Harvest Selection 411 - Northern Current No Northern Hardwoods 140 Hardwood

<u>Prescription</u> Single Tree Selection: Harvest stand down to 80 BA. Focus on removing low quality trees and beech. While marking focus on leaving some <u>Specs:</u> basswood and yellow birch. Create canopy gaps throughout the stand 25-50 sqft in diameter to release seedlings. In addi

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Maple, birch, pine, hemlock

Regen: Other

If regeneration fails, look for open up the stand more within the next few entries. This stand is in deer conditional range and has a canopy

Comment: composition of 5% hemlock. Harvest of hemlock outside of planned retention areas has been agreed upon between FR

Site Condition:

Proposed Start Date: 10/01/2026



S t									Year of Entr	y: 2027	DNR
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
39	33071039-	Cut 4.5	4110 - Sugar Maple Association	9	85	111- 140	Harvest	Selection	411 - Northern Hardwood	Current	No
Spe	<u>cs:</u> balı	n, ironwood,	ection: Harvest stand of and ash greater than ral Regen (Re-Invento	three (3) in			moving poor qua	lity and declining tr	ees. In addition, c	ut all spruce,	fir, aspen,
Trea	atments: eptable Noi	O.	oods, hemlock, cedar.	• /							
Othe Com			egenerate, look for wa Harvest of hemlock ou	•					•		position of
		Unknown Acc									
Prop	oosed Start D	<u>ate:</u> 10/01/2	2026								
50	33071050-	Cut 7.2	4110 - Sugar Maple Association	6	85	111- 140	Harvest	Selection	411 - Northern Hardwood	Current	No
Pres Spe			ction: Harvest stand on, cut all spruce, fir, as							some basswo	od for
	t Step Mo	nitoring, Natu	ral Regen (Re-Invento	ory)							

Treatments:

Acceptable northern hardwoods, hemlock, cedar.

Regen:

<u>Other</u> If treatment fails to regenerate stand, look at editing next treatment to possibly open up the canopy more. This stand is in deer conditional range and has a canopy composition of 10% hemlock. Harvest of hemlock outside of planned retention areas has be Comment:

Site Condition: Unknown Access Proposed Start Date: 10/01/2026

Approved Treatments:

Planting 33071009-18.1 612 - Lowland 3 Unspeci 613 - Lowland No Monitoring -Monitoring Monitor Coniferous Forest fied Regeneration Mixed Forest Record

Prescription Monitor the regeneration of lowland mixed forest.

Specs:

Monitoring, Natural Regen (Intermediate) Next Step

Treatments:

Acceptable T,Fs, C,Fb

Regen:

<u>Other</u> Percent to Treat = 100%

Comment:

Site Condition:

Proposed Start Date: 10/01/2024

S t		Escanaba	a Mgt. Unit		Repoi	t 3 T	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	Habitat Cut
17	33071017- Monitor	31.4 (6129 - Mixed Coniferous Lowland Forest	0	3	1-50	Monitoring	Monitoring - Regeneration	6122 - Black Spruce	Planting Record	No
Pres Spec		or the regen	eration mix of spruce	e, tamarac	k and lo	wland con	ifer.				
	: <u>Step</u> Monito tments:	oring, Natura	al Regen (Intermedia	ate)							
Acce Rege	e <u>ptable</u> S, T, 0 en:	С.									
Othe Com	<u>er</u> Perce nment:	nt to Treat =	= 100%								
Site	Condition:										
Prop	osed Start Date	<u>e:</u> 10/01/20	024								
18	33071018- Monitor	19.7	612 - Lowland Coniferous Forest	0	3	Unspeci fied	Monitoring	Monitoring - Regeneration	613 - Lowland Mixed Forest	Planting Record	No
Pres Spec	cription Monito	or the regen	eration.								
	: Step tments:										
Acce Rege	e <u>ptable</u> T,S, C en:	& Fb.									
Othe Com	<u>er</u> Perce nment:	nt to Treat =	= 100%								
Site	Condition:										
Prop	osed Start Date	<u>e:</u> 10/01/20	024								
21	33071021- Monitor	4.1 6	622 - Lowland Shrub	99			Monitoring	Monitoring - Regeneration	613 - Lowland Mixed Forest	Planting Record	No
Pres Spec		or the regen	eration. Mixed decid	duous and	lowland	conifer sp	ecies.				
	Step tments:										
Acce Rege		Ash Fb, Fs.									
Othe Com	e <u>r</u> Perce iment:	nt to Treat =	= 100%								

Total Treatment Acreage Proposed: 207.5

Proposed Start Date: 10/01/2024

Site Condition:

Report 4 – Site Conditions

Escanaba Mgt. Unit

Compartment: 71
Year of Entry: 2027



George Wilson: Examiner

Availa	ability for	Managemer	nt						
Total	Acres	Acres Avail	Acres		Domina	nt Site	e Con	dition	S
Acres	Available	With Condition	Not Available		2B	5B	2H	3Н	5E
11	11	0	0	Aspen					
1	1	0	0	Bog					
351	0	36	315	Cedar		36		315	
15	11	0	5	Hemlock			5		
1	1	0	0	Herbaceous Openland					
38	32	0	6	Lowland Conifers					6
4	4	0	0	Lowland Shrub					
5	5	0	0	Mixed Upland Deciduous					
175	163	12	0	Northern Hardwood	12				
52	52	0	0	Upland Conifers					
5	0	0	5	Upland Mixed Forest			5		
4	0	0	4	Upland Spruce/Fir			4		
661	280	48	334	Total Forested Acres	12	36	13	315	6
	42%	7%	50%	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.

	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	308	Unspecified	Unspecified	Unspecified	Unspecified
С	omments:						
Н	ligh amount of nort	hern white cedar. Lack of trea	atment dı	ue to Deer Winter Range (Guidelines.		
H 2	ligh amount of nort Unavailable	hern white cedar. Lack of trea	atment di 5	ue to Deer Winter Range (Guidelines. Unspecified	Unspecified	Unspecified
2						Unspecified	Unspecified
2	Unavailable					Unspecified	Unspecifie

Report 4 – Site Conditions

Escanaba Mgt. Unit George Wilson: Examiner



3	Unavailable	2H: Blocked by physical obstacle (e.g. upland	5	2B: Unknown if access through adjacent	Unspecified	Unspecified	Unspecified
		stand in a lowland area)		landowner(s) is possible			
(Comments:						
4	Unavailable	2H: Blocked by physical obstacle (e.g. upland	4	2B: Unknown if access through adjacent	Unspecified	Unspecified	Unspecified
		stand in a lowland area)		landowner(s) is possible			
	Comments:						
5	Unavailable	3H: Deer Wintering Area -	8	Unspecified	Unspecified	Unspecified	Unspecified
		habitat is incompatible with harvest at this time					
(Comments:						
7	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						
3	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						
)	Available	2B: Unknown if access	5	2D: Portable bridge	Unspecified	Unspecified	Unspecified
		through adjacent landowner(s) is possible		needed (Dept. bridge will be adequate)			
(Comments:						
	025 4:42:40 PM Poge						LICINITZEI N

Report 4 – Site Conditions

Escanaba Mgt. Unit George Wilson: Examiner



10	Available	2B: Unknown if access through adjacent landowner(s) is possible	7	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
11	Available	5B: Maintain for regeneration purposes	36	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
12	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	5	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						

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				



Stand	Level 4 C	over Type		Size Density	Acres	Stand Age I	BA Range	Managed Si	ite	General Comments
1	6120 - Lo	wland Ceda	ar	Poletimber Well	15.1	116	141-170	N/A		2025: Cedar stand with varying diameters, there is a component of
	Canopy Species	% Cover	Size Class	DBH Age						balsam fir and hemlock.2015-cedar is small, there is 3-4 acre island of hemlock, W. pine and upland cedar that was treated in in 1999.
	Black Spruce	5	Seedling	7						OPIC - FMD: SITE AND QUALITY VARIES WITHIN THIS STAND-
Nor	thern White Cedar	80	Seedling	5 116						TIMBER IS SMALL AND THICK IN PLACES AND BETTER QUALITY
	Paper Birch	5	Seedling	8						IN OTHERS.
	Tamarack	10	Seedling	8						
2	42350 - Up	land Hemlo	ock	Poletimber Well	4.7	125	81-110	N/A		2025: Remote call due to difficult access, previous stand notes indicate
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	a hemlock dominated stand.2015-Almost a pure stand of hemlock with scattered Wb,C,Rm. Lots of deer trails, no beds.OPIC -
	Hemlock	85		10 125	Ва	alsam Fir	Low	< 5 feet	< 5 feet	FMD: Small island, possible old growth, access is tough. Hemlock is
Nor	thern White Cedar	5	Seedling	8						large diameter and stand has old growth characteristics.
	Red Maple	5		10						
	White Pine	5		18						
3	6120 - Lo	wland Ceda	ar	Poletimber Well	145.3	116	141-170	N/A		2025: Large cedar swamp with some tamarack mixed in.2015-
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	cedar stand with pockets of tamarack (tamarack in the NE is dead due to ELB). THERE IS ALSO SPRUCE AND ASH SCATTERED
	Balsam Fir	5	Seedling	8	Ва	alsam Fir	Low	5 - 10 feet	5 - 10 feet	THROUGHOUT THE STAND. OPIC - FMD: SITE AND QUALITY
	Black Ash	5	Sapling	7	Ta	ag Alder	Medium	5 - 10 feet	5 - 10 feet	VARIES WITHIN THIS STAND-TIMBER IS SMALL AND THICK IN
Nor	thern White Cedar	70	Seedling	8 116	Bla	ck Spruce	Low	5 - 10 feet	5 - 10 feet	PLACES AND BETTER QUALITY IN OTHERS.
	Tamarack	20	Seedling	8			,			-
4	3105 - Mixed U	pland Herba	aceous	None	0.6			No		2025: Remote call due to poor access, previous notes indicate grassy opening with an old building with possible historic value.OPIC - FMD: HAS OLD BUILDING FOUNDATIONSIN OPENING , MAY BE OF HISTORICAL VALUE
5	42340 - Upl	and Spruce	/Fir	Poletimber Poor	3.5	84	1-50	N/A		This stand had a high density of spruce/fir, but most has died out due to
	Canopy Species	% Cover	Size Class	DBH Age						the spruce budworm. The stand is now scattered hardwoods with some younger spruce/fir.
(Quaking Aspen	15	Seedling	9						younger oprace
	Balsam Fir	40		6 84						
	White Spruce	20	Seedling	8						
	Red Maple	25	Seedling	8 84						
6	6120 - Lo	wland Ceda	ar	Poletimber Well	35.9	116	141-170	N/A		2025: Cedar stand with strips cut out. Some cedar is regenerating in the
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	strips.2015- Stand is an area that was treated using the strip cut method. Cutover strips contain Fsb, Fb, Wb and P. Noticed some cedar
Nor	thern White Cedar	55		8 116	Ва	alsam Fir	High	10 - 20 feet	10 - 20 feet	regen in uncut strips but would like to look at when snow is gone. Leave
	Black Spruce	15	Sapling	5 36	Bla	ck Spruce	High	10 - 20 feet	10 - 20 feet	strips are mostly C w/ Occ. Fsb, Fb, Wb and P. OPIC - FMD: Nice cedar. 3 - 4 stick, straight.
	Paper Birch	10	Pole	4	Ta	ag Alder	Low	5 - 10 feet	5 - 10 feet	ceuar. 5 - 4 Silok, Siraigrii.
	Balsam Fir	10	Sapling	5						
	Balsam Poplar	10	Pole	4						

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Stand	l Level 4 C	over Type		Size Density	Acres	Stand Age B	A Range	Managed S	Site	General Comments
7	4190 - Mixed Upla Co	and Decidu	ous with	Poletimber Well	5.4	36	1-50	N/A	A	2025: Mixed aspen stand that could be harvested next entry.2015- Stand is predom. filling in with P & A, some balsam
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	fir. There are pockets of cedar that were left. OPIC - FMD: Treated in 1988 under contract 17-87-01, Whitney sale.
	Balsam Poplar	60	Seedling	5 36	Whi	te Spruce	Low	5 - 10 feet	5 - 10 feet	1000 and of onla dot 17 or or, writing sale.
	Balsam Fir	10	Seedling	5 36	W	hite Pine	Low	5 - 10 feet	5 - 10 feet	
	Quaking Aspen	10	Seedling	5 36	Ва	llsam Fir	Medium	5 - 10 feet	5 - 10 feet	
8	429 - Mixed l	Jpland Con	ifers	Sapling Well	51.6	36	1-50	N/A	4	2025: Very mixed stand of white spruce, white pine, Quaking aspen and
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	cedar. Cedar is regenerating very well in patches. 2015- There is scattered residual Pine, Cedar and Hemlock through out the stand.
	Balsam Fir	10	Pole	4	Whi	te Spruce	Low	5 - 10 feet	5 - 10 feet	OPIC - FMD: Good aspen regeneration and white and red pine
	Quaking Aspen	35	Sapling	7 36	Qual	king Aspen	Low	5 - 10 feet	5 - 10 feet	regeneration. Southern tip of the stand contains a lot of cherry mixed
	White Pine	20	Seedling	6 36	Northern	n White Cedar	Low	< 5 feet	< 5 feet	with aspen. Stand was treated in 1989, contract 17-87-01, Whitney sale.
	Balsam Poplar	5	Sapling	5	W	hite Pine	Medium	5 - 10 feet	5 - 10 feet	
	Red Pine	5	Seedling	6	Ва	ılsam Fir	High	5 - 10 feet	5 - 10 feet	
No	orthern White Cedar	10	Seedling	8	Bals	am Poplar	Low	5 - 10 feet	5 - 10 feet	
	White Spruce	15	Pole	4						1
9	612 - Lowland	Coniferous	Forest	Unspecifed	23.0		Inspecified	According to be	0:	2025: Stand is regenerating to balsam fir, black spruce, and tag alder. Poor to moderate stocking with fir being dominant. This stand is seeding
						nopy Species	Density	Avg. Height	Size	in slowly with more black spruce. This stand was cut under the
						ılsam Fir	Medium	< 5 feet	< 5 feet	Top Down sale completed in 2022. Unit 10.
						ck Spruce	Low	< 5 feet	< 5 feet	
					16	ag Alder	Medium	5 - 10 feet	5 - 10 feet	
10	6120 - Lov	wland Ceda	r	Poletimber Well	8.0	113	81-110	N/A	A	2025: Cedar swamp with paper birch and red maple component.2015- transition btwn std 15 and 17. N. end heavier to
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	C, Southern tip (2-3 acres) heavier to Rm, ash, fir. OPIC - FMD: OI
	Black Ash	5	Sapling	7	Ва	ılsam Fir	Medium	5 - 10 feet	5 - 10 feet	Stand Year Origin was 1930
	Paper Birch	10	Sapling	7	Ta	ag Alder	Medium	5 - 10 feet	5 - 10 feet	
No	orthern White Cedar	70	Seedling	9 113						
	Balsam Fir	10	Seedling	7 64						
	Red Maple	5	Sapling	7						
11	6120 - Lo	wland Ceda	r	Poletimber Well	36.9	116	141-170	N/A	4	2025: Log and pole sized cedar stand OPIC - FMD: Varies from
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	pure cedar to mixed with w.birch, spruce, balsam. Cedar is short low quality.
	Paper Birch	5	Seedling	8	Ва	ılsam Fir	Medium	10 - 20 feet	10 - 20 feet	,
	Tamarack	5	Seedling	6						-
	Black Spruce	5	Seedling	9						



Stand	d Level 4 Cover Type		Size Density		Acres	Stand Age	BA Range	Managed Site		General Comments	
12	4319 - Mixed	4319 - Mixed Upland Forest		Poletimber Poor		4.8	84	1-50	N/A		
	Canopy Species	% Cover	Size Class	DBH	l Age						This stand had a high density of spruce/fir but most has died due to the spruce budworm. The stand is now scattered hardwoods, with some
	Balsam Fir	30	Sapling	6	84						younger spruce/fir.
	Paper Birch	15		8	84						
	White Spruce	20	Seedling	8							
	Quaking Aspen	10	Seedling	9							
	Red Maple	10		8	84						
	Balsam Poplar	15	Seedling	9							
13	42350 - Up	oland Hemlock S		Sawtimber Medium		n 10.5	10.5 133 51-80	N/A		2025: Hemlock stand with white pine and maple component. Balsam fir	
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	Sub-Canopy Species		Avg. Height	Size	and Ironwood in the understory.Upland with C and H, this is a transition area. it was cut in 2009 and most of the short lived spp were
	Paper Birch	5		9		Ва	ılsam Fir	Low	5 - 10 feet	5 - 10 feet	removed.
	White Pine	5		12				'	1		_
	White Ash	5		9							
No	orthern White Cedar	30		12							
	Sugar Maple	5		10							
	Hemlock	50		18	133						
15	4119 - Mixed No	orthern Hard	hern Hardwoods		Poletimber Well		77.2 88 5		51-80 N/A Density Avg. Height		2025: Nice maple stand with varying sizes from saplings to logs. Stand was harvested in 2021. This stand was treated under the Top Down sale completed in 2021. Units 3,4,5 and 6
	Canopy Species % Cover Size Class		DBH Age		Sub-Ca	nopy Species	Density	Size			
	Paper Birch	5		10		Ва	ılsam Fir	Low	< 5 feet	< 5 feet	Down sale completed in 2021. Office 0,4,0 and 0
	Black Cherry	5	Seedling	8		Su	gar Maple	Low	5 - 10 feet	5 - 10 feet	
	Sugar Maple	65		10	88	Lea	therwood	Low	5 - 10 feet	5 - 10 feet	
	Hemlock	15		12				'	1	1	_
No	orthern White Cedar	10	Seedling	8							
16	6225	6225 - Bog None		0.9			No		2025: Possible vernal pool/bog.		
17	6129 - Mixed Coniferous Lowland Forest		Unspe	cifed :	32.1	3	1-50			2025: Black spruce, white pine, and tamarack are filling in. Regeneration	
					Sub-Ca	nopy Species	opy Species Density	Avg. Height	Size	is even throughout stand. This stand was cut under the Top Down sale completed in 2022. UNit 8.	
					White Pine		Medium	< 5 feet	< 5 feet	Sale completed in 2022. State of	
							Black Spruce		< 5 feet	< 5 feet	
							amarack	Low	< 5 feet	< 5 feet	
18	612 - Lowland Coniferous Forest			Unspecifed		21.1	3 l	Jnspecified			2025: Q type stand that was cut in 2021. Poorly stocked but needs a little more time. This stand was cut under the Top Down sale unit 7 completed in 2021. This are was broken out from photo imagery.
						Sub-Ca	Sub-Canopy Species		Avg. Height	Size	
					Tamarack		< 5 feet		Area contains larger tamarack with small and merchantable cedar		
				L					1	1	throughout the stand. Tamarack has ELB.

Report 7 - Stands



Stand	tand Level 4 Cover Type				ensity	Acres Stand Age B	Managed S	ite	General Comments			
19	4119 - Mixed No		Poletimber Well		86.0 85 111-140		N/A		2025: Sugar maple dominated stand with hemlock and birch component. This stand should be treated this entry.2015- Mix of			
	Canopy Species		Size Class		I Age	Sub-Canopy Species	Density	Avg. Height	Size	northern hdwd spp. some areas could use a thinning but overall BA's		
	Sugar Maple	60	Seedling	9	85	Balsam Fir	Medium	5 - 10 feet	5 - 10 feet	are low. patches of hemlock and Wp throughout. OPIC - FMD: Heav		
	Paper Birch	10	Seedling	8		White Spruce	Low	5 - 10 feet	5 - 10 feet	white birch on south part of stand. White ash and ironwood combine to make up the mix hardwood. There is also some balsam that didn't show		
	Basswood 5 10			Ironwood	Medium	5 - 10 feet	5 - 10 feet	up in plots that should be removed. Treated in 2009. Stand was thinned				
	Red Maple	10		10		Sugar Maple	Medium Low	< 5 feet 5 - 10 feet	< 5 feet 5 - 10 feet	to recommended BA.		
	Yellow Birch	5	Seedling	7		White Pine						
	Beech	5		10								
	Hemlock	5		12								
21	622 - Lowland Shrub None				ne	4.2	No	1	2025: This stand is mainly tag alder, white pine, and black spruce. Pine			
						Sub-Canopy Species	Density	Avg. Height	Size	and spruce are seeding in throughout the stand. This stand was completed under the Top Down sale completed in 2021. Unit 9		
						Balsam Fir	Low	< 5 feet	< 5 feet			
						Black Spruce	Low	< 5 feet	< 5 feet			
						White Pine	Low	< 5 feet	< 5 feet			
						Alder	High	5 - 10 feet	5 - 10 feet			
38	4136 - Aspen, Mixed Conifer			Sapling Well		11.3 37	1-50	N/A	٨	2025: Quaking aspen and BAM mixture, 4-6 inch trees dbh. According		
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Canopy Species	Density	Avg. Height	Size	to the age of the stand it could be treated next entry. 2015- balm along the edge then grades into mostly aspen. Log sized H, and		
	Quaking Aspen	65	Seedling	6	37	Balsam Fir	High	5 - 10 feet	5 - 10 feet	Wp was left. Treated in 1989. OPIC - FMD: A3 - P3 not quite a A4 -P4.		
No	orthern White Cedar	5		10		White Pine	Medium	5 - 10 feet	5 - 10 feet	Hemlock inclusion in NE corner as you come inot the stand. Aspen on		
	Balsam Fir	5		5		White Spruce	High	5 - 10 feet	5 - 10 feet	higher ground, Balm in lower ground.		
	Balsam Poplar	15	Seedling	5						<u>-</u>		
	White Pine	5		12								
	Hemlock	5		12								
39	4110 - Sugar Maple Association Sawtim				er Well	4.5 85	111-140	N/A	١	2025: High quality Northern hardwoods stand dominated by sugar		
	Canopy Species % Cover Size Cla		Size Class	Class DBH Age		Sub-Canopy Species	Density	Avg. Height	Size	maple. Basswood and ash are declining within this stand. Very low regeneration. This stand should be treated this entry. Difficult access to		
	Sugar Maple	45		10	85	Balsam Fir	Low	< 5 feet	< 5 feet	this stand.2015 - Stand was thinned in 1989, could use another		
	Beech	5		10						thinning but stand is small and access would have to be gained from pvt		
	Paper Birch	5		10						landowner to east or south. combine with stand 50 to make it worthwhile. OPIC - FMD: Nice hardwood stand, to small to treat alone,		
	Hemlock	10		10						combine with stand 36, will have to install a culvert or portable bridge to		
	White Ash	20		10						cross small creek and get landowner permission from east.		
	Basswood	15		10								
47	6120 - Lowland Cedar		Poletimber Well		85.9 113 111-140		N/A		2025: Thick cedar stand that is stunted in pockets.OPIC -			
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Canopy Species	Density	Avg. Height	Size	FMD: LOW AND THICK WITH SMALL 2 STICK CEDAR.		
No	orthern White Cedar	70	Seedling	7	113	Balsam Fir	Low	5 - 10 feet	5 - 10 feet			
	Hemlock	5	Seedling	8						-		
	Balsam Fir	5	Seedling	6								
	Paper Birch	15	Seedling	7								
	Balsam Poplar	5	Seedling	7								
			9									

Report 7 - Stands



Stand	tand Level 4 Cover Type			Size Density		Acres Stand Age BA		BA Range	Managed Site		General Comments		
50	4110 - Sugar Maple Association			Poletimber Well		7.2 85 111-140		111-140	N/A		2025: Mixed hardwood stand of maple, ash, basswood, and hemlock.		
	Canopy Species % Cover Si		Size Class	DBH	l Age	Sub-Canopy Species		s Density	Avg. Height	Size	This stand should be treated this entry. Moderate quality stand with die back in the branches. The ash is on its way out.2015- this stand is		
	Beech	5		11		Ва	alsam Fir	High	5 - 10 feet	5 - 10 feet	really two stands. the stand to the north is an A3 and stand to South is		
	Sugar Maple			10	85	White Pine		Low	5 - 10 feet	5 - 10 feet			
	Hemlock	10		9							[⊥] to south is borderline for treatment. OPIC - FMD: A3 - F3 Treated in 1989, contract # 17-87-01 "Whitney sale".		
	White Ash	20		10							1000, contract // 17 or or writing sale.		
	Basswood	15		10									
	Balsam Fir	5	Pole	4									
54	6120 - Lov	ar	Poletimber Well		24.5 125 1		141-170	N/A		2025: Cedar dominated stand with lowland conifer and deciduous			
	Canopy Species		Size Class	DBF	DBH Age		Sub-Canopy Species		Avg. Height	Size	components.2015- Primarily C, pockets of T that are not worth chasing. North end looks to have had some choppers choice type		
	Tamarack	10	Seedling	8		Ta	ag Alder	Low	5 - 10 feet	5 - 10 feet	harvesting and it filling in with T, Fs, Tag Alder. OPIC - FMD: OI Stand		
No	rthern White Cedar	80	Seedling	7	125	Balsam Fir		Medium	5 - 10 feet	5 - 10 feet	Year Origin was 1900		
	Paper Birch	5	Seedling	8							_		
	White Spruce	5	Seedling	8									