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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:

It has been noted in the past that this compartment contains a large diversity of tree species, and that maintaining this diversity for the enhancement of wildlife has been a goal through previous years of entry. Planned treatments for this year of entry include single tree selections in upland hardwood types. Reduction in canopy coverage and creation of canopy gaps will benefit featured species such as White-tailed Deer, Wild Turkey, and Black Bear. In addition, a large portion of this compartment is in lowland cedar types that are currently factor limited as winter cover for white-tailed deer.

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:

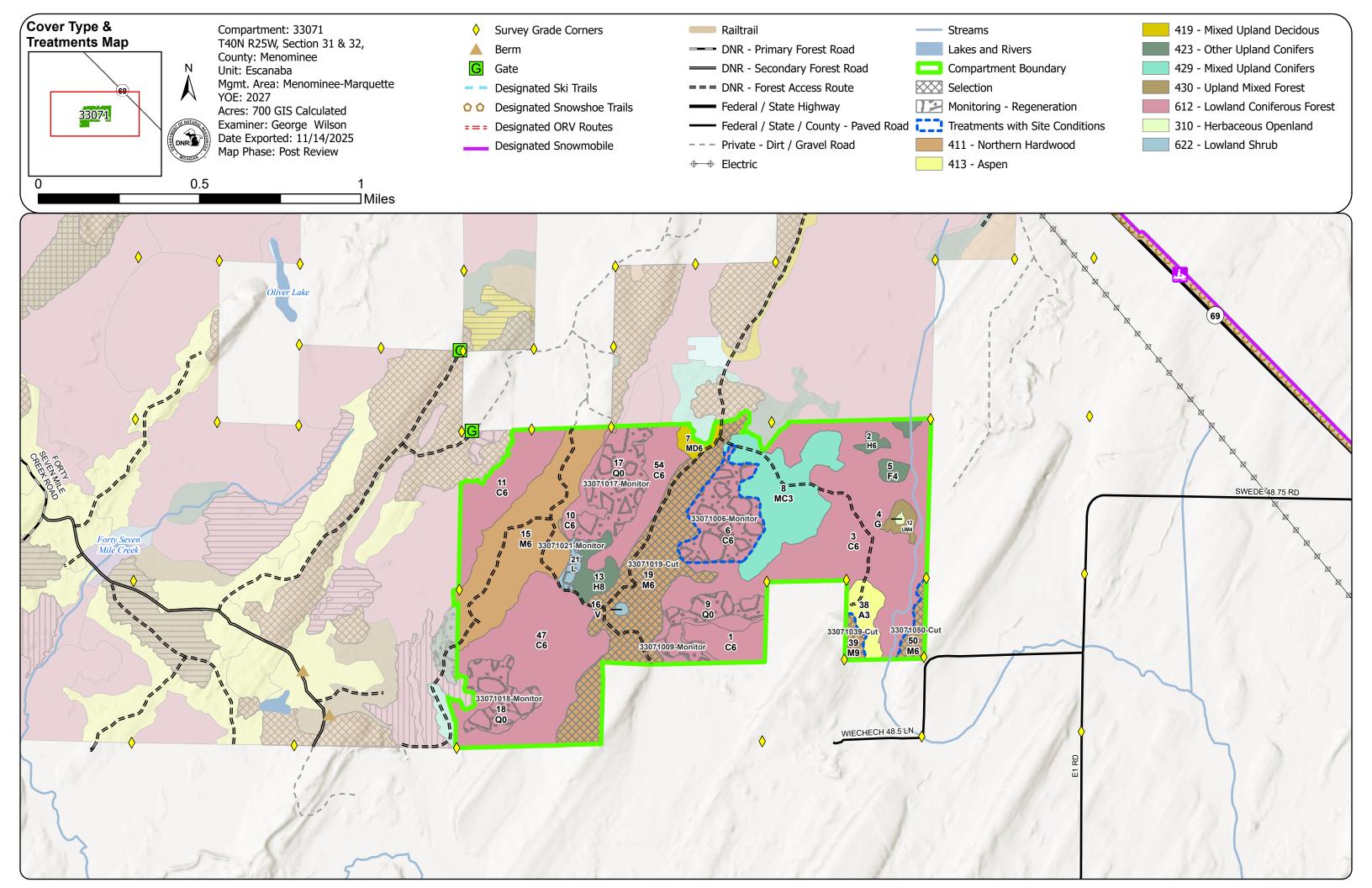
Total Acres by Cover Type and Age Class
Cover Type by Harvest Method
Proposed Treatments – No Limiting Factors
Proposed Treatments – With Limiting Factors
Stand Details (Forested and Nonforested)
Dedicated and Proposed Special Conservation Areas
Site Condition Details

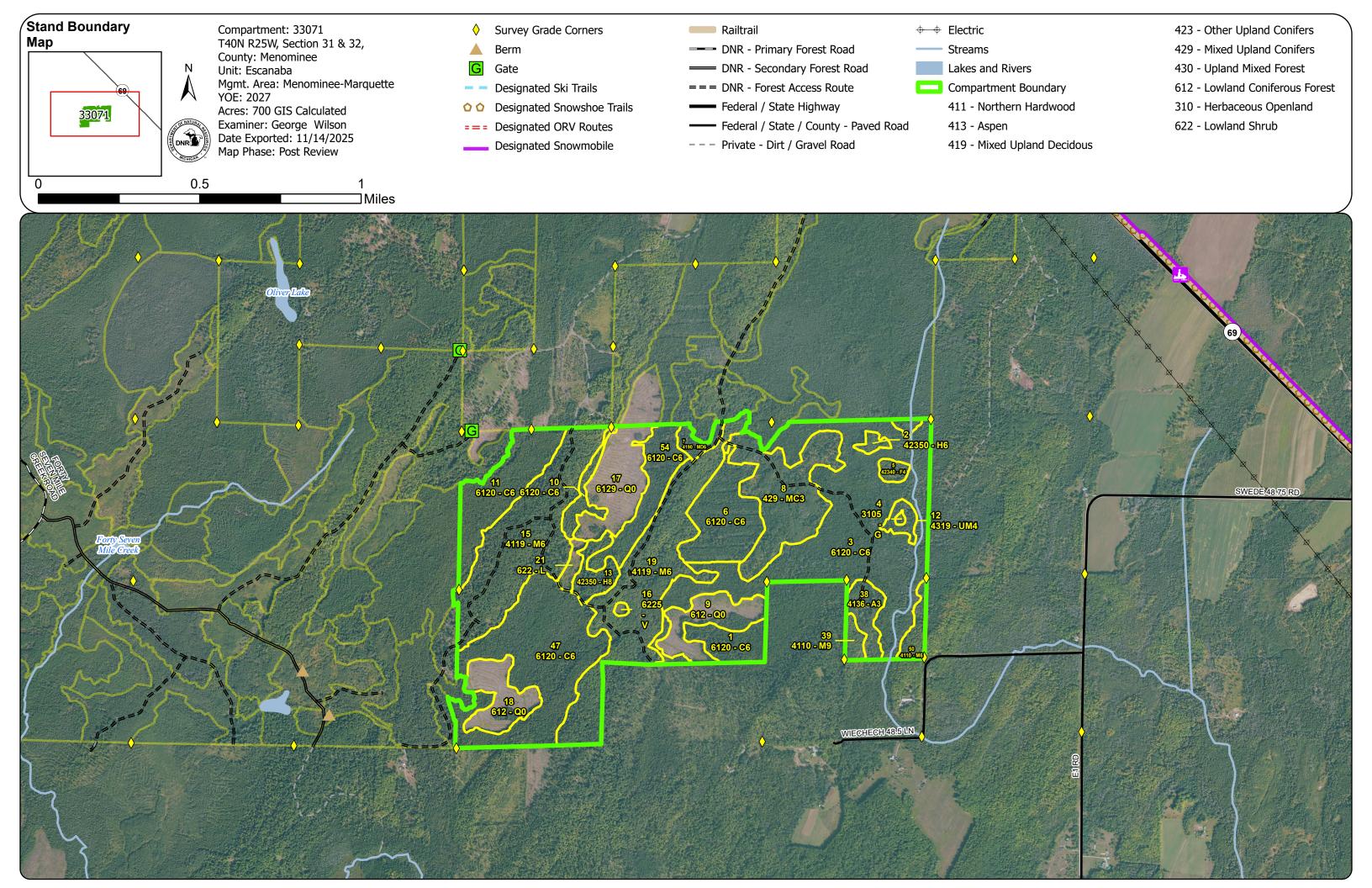
The following information is displayed, where pertinent, on the attached compartment maps:

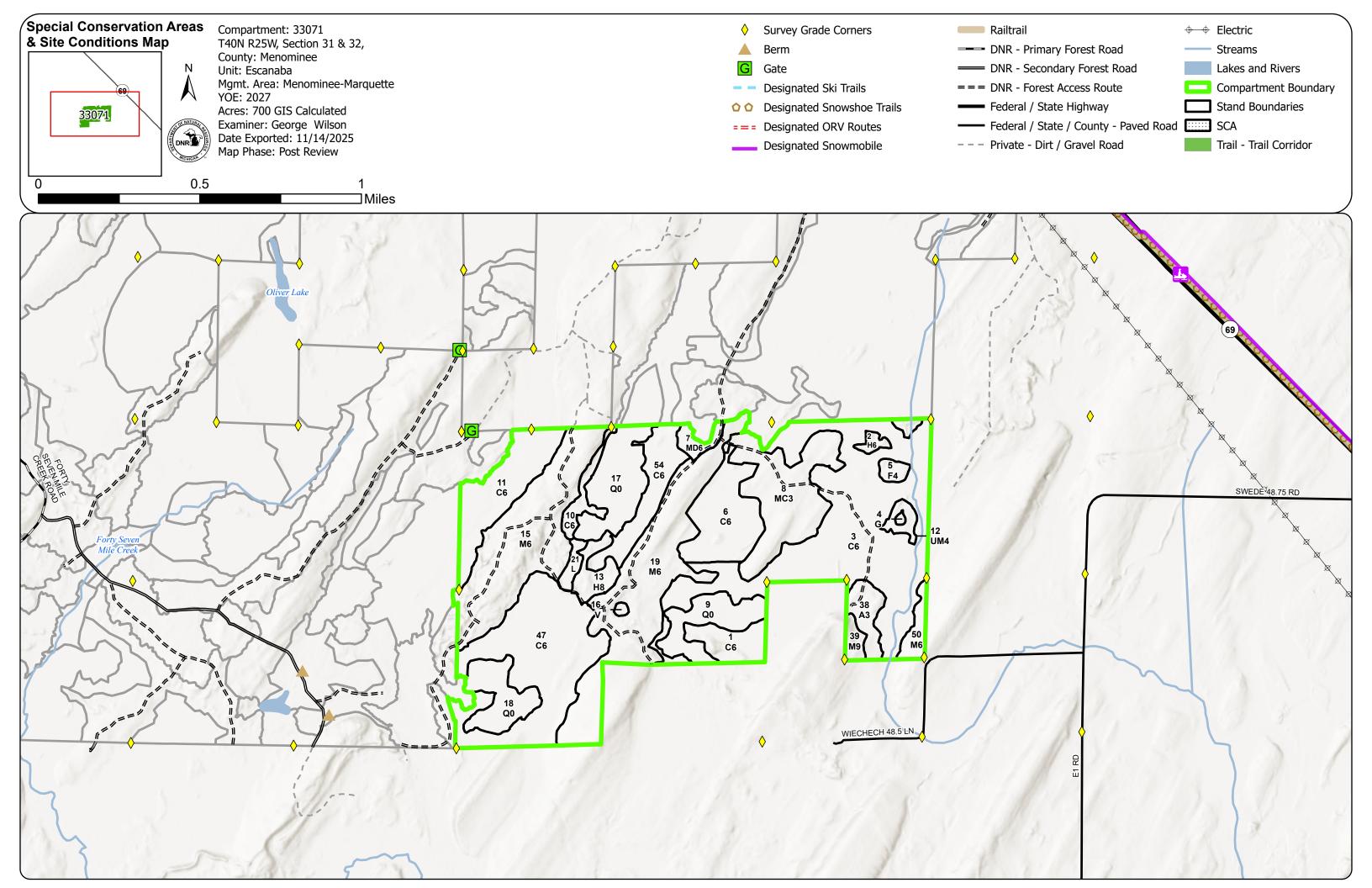
Base feature information, stand boundaries, cover types, and numbers

Proposed treatments
Site condition boundaries

Details on the road access system







George Wilson: Examiner

Escanaba Mgt. Unit





Age Class

	₹ gr		3/2	\$ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	P K	3 / 6	\$ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	8/8	8 / 8	R / 8			70,70			\$ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Real States	S Star	No. No.
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

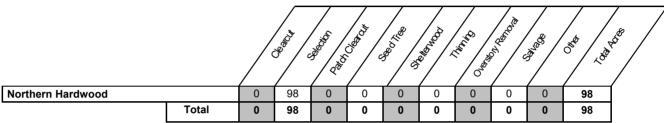
Escanaba Mgt. Unit Year of Entry: 2027

Acres of Harvest

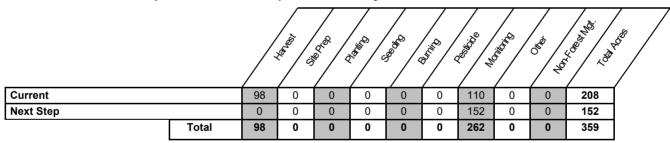
Compartment 71
Total Compartment Acres: 700

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



s t		Escanab	oa Mgt. Unit		Repoi	rt 3 T	Treatments		Compartmen Year of Entry		DNR
a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Hab Cı
os	ed Treatme	nts:									
6	33071006- Monitor	35.9	6120 - Lowland Cedar	6	116	141- 170	Monitoring	Monitoring - Regeneration	6120 - Lowland Cedar	Cutting Record	ı
Pres Spe	scription Reger cs:	neration ch	eck								
	t Step Monito	oring, Natu	ral Regen (Re-Inven	tory)							
Acc Reg	eptable cedar en:	, fir, spruce	e, tamarack								
Othe	<u>er</u> nment:										
Con	IIIICIIL.										
	Condition: Sh	elterwood/	Seed Source								
Site											
Site	Condition: Sh	e: 10/01/2 32.1		0	3	1-50	Monitoring	Monitoring - Regeneration	6129 - Mixed Coniferous Lowland Forest	Planting Record	1
Site Prop 17	Condition: Shoosed Start Date 33071017- Monitor Scription Monite	9: 10/01/2 32.1	6129 - Mixed Coniferous Lowland				Ü		Coniferous	Record	۸
Site Prop 17 Pres Spe Nex	Condition: Shoosed Start Date 33071017- Monitor scription Monito cs:	9: 10/01/2 32.1	6129 - Mixed Coniferous Lowland Forest				· ·		Coniferous	Record	ı
Site Prop 17 Pres Spe Nex Tres	Condition: Shoosed Start Date 33071017- Monitor scription Monito cs: t Step ttments: eptable Spruce	32.1 or the rege	6129 - Mixed Coniferous Lowland Forest	ce, tamara	ck and l		· ·		Coniferous	Record	7
Site Prop 17 Pres Spe Nex Trea Accor Reg Other	Condition: Shoosed Start Date 33071017- Monitor Scription Monito cs: t Step ttments: eptable Spruceen:	32.1 or the rege	6129 - Mixed Coniferous Lowland Forest neration mix of sprud	ce, tamara	ck and l		· ·		Coniferous	Record	1
Site Prop 17 Pres Spe Nex Trea Accor Reg Othe Con	Condition: Shoosed Start Date 33071017- Monitor Scription Monito cs: t Step ttments: eptable Spruceen:	32.1 or the rege	6129 - Mixed Coniferous Lowland Forest neration mix of sprud	ce, tamara	ck and l		· ·		Coniferous	Record	1
Site Prop 17 Pres Spe Nex Trea Accor Reg Othe Con Site	Condition: Shoosed Start Date 33071017- Monitor Scription Monito st Step atments: eptable Spruce en: er ament:	32.1 or the regeree, tamarac	6129 - Mixed Coniferous Lowland Forest neration mix of sprud k, pine, balm, balsar	ce, tamara	ck and l		· ·		Coniferous	Record	•

Next Step Treatments: Monitoring, Natural Regen (Re-Inventory)

<u>Acceptable</u> Maple, birch, pine, hemlock <u>Regen:</u>

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 composition of 5% hemlock. Harvest of hemlock has been agreed upon between FRD and WLD in this stand. This harv Other Comment:

Site Condition:

Proposed Start Date: 10/01/2026

Hardwood

S

а **Treatment** Stand Size Stand BA **Treatment Treatment** Cover Type Acres Age Habitat n Method Objective Name CoverType Density Age Range Type Structure Cut d 4.5 4110 - Sugar Maple 39 33071039-Cut 85 111-Harvest Selection 411 - Northern Current No

Prescription Single Tree Selection: Harvest stand down to 80 BA. Focus on removing poor quality and declining trees. In addition, cut all spruce, fir,

140

Specs: aspen, balm, ironwood, and ash greater than three (3) inches at DBH.

Association

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Northern hardwoods, hemlock, cedar.

Regen:

Other If stand fails to regenerate, look for ways to decrease canopy closure. This stand is in deer conditional range and has a canopy composition

Comment: of 10% hemlock. Harvest of hemlock has been agreed upon between FRD and WLD in this stand. This harvest is esti

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

50 33071050-Cut 7.2 4110 - Sugar Maple 6 85 111- Harvest Selection 411 - Northern Current No Association 140 Hardwood

<u>Prescription</u> Single Tree Selection: Harvest stand down to 80 BA, focus on removing low quality and poor form trees. Favor leaving some basswood for <u>Specs:</u> seed. In addition, cut all spruce, fir, aspen, balm, ironwood, and ash greater than three (3) inches at DBH.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable northern hardwoods, hemlock, cedar.

Regen:

Other 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 has been agreed upon between FRD and WLD

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

Approved Treatments:

9 33071009- 18.1 612 - Lowland 0 3 Unspec Monitoring Monitoring - 613 - Lowland Planting No Monitor Coniferous Forest ified Regeneration Mixed Forest Record

Prescription Monitor the regeneration of lowland mixed forest.

Specs:

Next Step Monitoring, Natural Regen (Intermediate)

Treatments:

Acceptable T,Fs, C,Fb

Regen:

Other Percent to Treat = 100%

Comment:

Site Condition:

Proposed Start Date: 10/01/2029

s t			Escanab	a Mgt. Unit		Repo	rt 3 1	Freatments		Compartmer Year of Entr		DNR DNR
a n d	Treat Nai		Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
18		1018- nitor	19.7	612 - Lowland Coniferous Forest	0	3	Unspec ified	Monitoring	Monitoring - Regeneration	613 - Lowland Mixed Forest	Planting Record	No
Ne. Tree Acc. Rei Ott	ecs: kt Step atments: ceptable gen: ler mment:	T,S, C	& Fb. t to Treat	= 100%								
21		1021- nitor	4.16	622 - Lowland Shrub	99			Monitoring	Monitoring - Regeneration	613 - Lowland Mixed Forest	Planting Record	No
Spe Ne:	escription ecs: kt Step atments:	Monitor	the reger	neration. Mixed deci	duous and	d Iowlan	d conifer s	species.				
	eptable gen:	Rm., As	sh Fb, Fs									
Oth Co	<u>er</u> mment:	Percen	t to Treat	= 100%								

Total Treatment Acreage Proposed: 207.6

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 Cond	ditions	5
Acres	Available	With Condition	Not Available		2B	5B	2H	3H	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.

Site No.	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
	Comments: ligh amount of nort	hern white cedar. Lack of trea	tment du	ue to Deer Winter Range G	Guidelines.		
2	Unavailable	5E: Long-Term Retention	5	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						

Report 4 – Site Conditions

Escanaba Mgt. Unit George Wilson: Examiner



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

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
С	comments:						
11	Available	5B: Maintain for regeneration purposes	36	Unspecified	Unspecified	Unspecified	Unspecified
С	comments:						
12	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	5	Unspecified	Unspecified	Unspecified	Unspecified
С	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				

tand	Level 4 Co	over Type	S	ize De	nsity	Acres	Stand Age E	BA Range	Managed Si	te	General Comments
1	6120 - Lov	vland Ceda	ır Po	letimb	er 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
	Paper Birch	5	Pole	8							1999. OPIC - FMD: SITE AND QUALITY VARIES WITHIN THIS
	Black Spruce	5	Pole	7							STAND-TIMBER IS SMALL AND THICK IN PLACES AND BETTER
Nor	thern White Cedar	80	Pole	5	116						QUALITY IN OTHERS.
	Tamarack	10	Pole	8							
2	42350 - Upl	and Hemlo	ck Po	letimb	er Well	4.7	125	81-110	N/A		2025: Remote call due to difficult access, previous stand notes
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	indicate a hemlock dominated stand.2015-Almost a pure stand of hemlock with scattered Wb,C,Rm. Lots of deer trails, no
	Red Maple	5	Log/Pole	10		Ва	lsam Fir	Low	< 5 feet	< 5 feet	beds.OPIC - FMD: Small island, possible old growth, access is tough
Nor	thern White Cedar	5	Pole	8							Hemlock is large diameter and stand has old growth characteristics.
	White Pine	5	XLog/Log/Pole	18							
	Hemlock	85	Log/Pole	10	125						
3	6120 - Lov	vland Ceda	ır Po	letimb	er 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	Pole	8		Та	ıg Alder	Medium	5 - 10 feet	5 - 10 feet	THROUGHOUT THE STAND. OPIC - FMD: SITE AND QUALITY
Nor	thern White Cedar	70	Pole	8	116	Blac	k Spruce	Low	5 - 10 feet	5 - 10 feet	VARIES WITHIN THIS STAND-TIMBER IS SMALL AND THICK IN
	Tamarack	20	Pole	8		Ва	lsam Fir	Low	5 - 10 feet	5 - 10 feet	PLACES AND BETTER QUALITY IN OTHERS.
	Black Ash	5	Pole/Sapling	7							-
4	3105 - Mixed Up	land Herba	aceous	Nor	ne	0.6			No		2025: Remote call due to poor access, previous notes indicate grass opening with an old building with possible historic value.OPIC -
											FMD: HAS OLD BUILDING FOUNDATIONSIN OPENING, MAY BE OF HISTORICAL VALUE
5	42340 - Upla	and Spruce	/Fir Po	letimb	er Poor	3.5	84	1-50	N/A		FMD: HAS OLD BUILDING FOUNDATIONSIN OPENING, MAY BE OF HISTORICAL VALUE This stand had a high density of spruce/fir, but most has died out du
5	42340 - Upla Canopy Species	•	/Fir Po		er Poor	3.5	84	1-50	N/A		FMD: HAS OLD BUILDING FOUNDATIONSIN OPENING, MAY BE OF HISTORICAL VALUE This stand had a high density of spruce/fir, but most has died out du to the spruce budworm. The stand is now scattered hardwoods with
	<u> </u>	•				3.5	84	1-50	N/A		FMD: HAS OLD BUILDING FOUNDATIONSIN OPENING, MAY BE OF HISTORICAL VALUE This stand had a high density of spruce/fir, but most has died out du
	Canopy Species	% Cover	Size Class	DBH	Age	3.5	84	1-50	N/A		FMD: HAS OLD BUILDING FOUNDATIONSIN OPENING, MAY BE OF HISTORICAL VALUE This stand had a high density of spruce/fir, but most has died out du to the spruce budworm. The stand is now scattered hardwoods with
	Canopy Species Red Maple	% Cover 25	Size Class Pole	DB H	Age	3.5	84	1-50	N/A		FMD: HAS OLD BUILDING FOUNDATIONSIN OPENING, MAY BE OF HISTORICAL VALUE This stand had a high density of spruce/fir, but most has died out due to the spruce budworm. The stand is now scattered hardwoods with
(Canopy Species Red Maple Quaking Aspen	% Cover 25 15	Size Class Pole Pole	DBH 8 9	Age 84	3.5	84	1-50	N/A		FMD: HAS OLD BUILDING FOUNDATIONSIN OPENING, MAY BE OF HISTORICAL VALUE This stand had a high density of spruce/fir, but most has died out du to the spruce budworm. The stand is now scattered hardwoods with
(Canopy Species Red Maple Quaking Aspen Balsam Fir	% Cover 25 15 40 20	Size Class Pole Pole Pole/Sap/Log Pole	8 9 6 8	Age 84	3.5	84	1-50	N/A		FMD: HAS OLD BUILDING FOUNDATIONSIN OPENING, MAY BE OF HISTORICAL VALUE This stand had a high density of spruce/fir, but most has died out du to the spruce budworm. The stand is now scattered hardwoods with some younger spruce/fir. 2025: Cedar stand with strips cut out. Some cedar is regenerating in
6	Canopy Species Red Maple Quaking Aspen Balsam Fir White Spruce	% Cover 25 15 40 20 vland Ceda	Size Class Pole Pole Pole/Sap/Log Pole	BH 8 9 6 8	Age 84 84	35.9		141-170		Size	FMD: HAS OLD BUILDING FOUNDATIONSIN OPENING, MAY BE OF HISTORICAL VALUE This stand had a high density of spruce/fir, but most has died out du to the spruce budworm. The stand is now scattered hardwoods with some younger spruce/fir. 2025: Cedar stand with strips cut out. Some cedar is regenerating in the strips.2015- Stand is an area that was treated using the
6	Canopy Species Red Maple Quaking Aspen Balsam Fir White Spruce 6120 - Lov	% Cover 25 15 40 20 vland Ceda	Size Class Pole Pole Pole/Sap/Log Pole	BH 8 9 6 8	Age 84 84 er Well	35.9 Sub-Ca	116	141-170	N/A	Size 10 - 20 feet	FMD: HAS OLD BUILDING FOUNDATIONSIN OPENING, MAY BE OF HISTORICAL VALUE This stand had a high density of spruce/fir, but most has died out du to the spruce budworm. The stand is now scattered hardwoods with some younger spruce/fir. 2025: Cedar stand with strips cut out. Some cedar is regenerating in the 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 regen in uncut strips but would like to look at when snow
6	Canopy Species Red Maple Quaking Aspen Balsam Fir White Spruce 6120 - Low	% Cover 25 15 40 20 vland Ceda	Size Class Pole Pole Pole/Sap/Log Pole r Po Size Class	DBH 8 9 6 8 lletimb	Age 84 84 er Well	35.9 Sub-Car	116 nopy Species	141-170 Density	N/A Avg. Height		FMD: HAS OLD BUILDING FOUNDATIONSIN OPENING, MAY BE OF HISTORICAL VALUE This stand had a high density of spruce/fir, but most has died out du to the spruce budworm. The stand is now scattered hardwoods with some younger spruce/fir. 2025: Cedar stand with strips cut out. Some cedar is regenerating in the 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 regen in uncut strips but would like to look at when snow is gone. Leave strips are mostly C w/ Occ. Fsb, Fb, Wb and P. OPIO
6	Canopy Species Red Maple Quaking Aspen Balsam Fir White Spruce 6120 - Lov Canopy Species Paper Birch	% Cover 25 15 40 20 20 vland Ceda % Cover 10 10	Size Class Pole Pole Pole/Sap/Log Pole r Po Size Class Sapling/Pole	DBH 8 9 6 8 eletimb	Age 84 84 er Well	35.9 Sub-Ca	116 nopy Species k Spruce	141-170 Density High	N/A Avg. Height 10 - 20 feet	10 - 20 feet	FMD: HAS OLD BUILDING FOUNDATIONSIN OPENING, MAY BE OF HISTORICAL VALUE This stand had a high density of spruce/fir, but most has died out du to the spruce budworm. The stand is now scattered hardwoods with some younger spruce/fir. 2025: Cedar stand with strips cut out. Some cedar is regenerating in the 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 regen in uncut strips but would like to look at when snow
6	Canopy Species Red Maple Quaking Aspen Balsam Fir White Spruce 6120 - Lov Canopy Species Paper Birch Balsam Poplar	% Cover 25 15 40 20 20	Pole Pole/Sap/Log Pole Pole Pole Sap/Log Pole Pole Size Class Sapling/Pole Sapling/Pole	DBH 8 9 6 8 eletimb DBH 4	Age 84 84 er Well	35.9 Sub-Ca	116 nopy Species k Spruce g Alder	141-170 Density High Low	N/A Avg. Height 10 - 20 feet 5 - 10 feet	10 - 20 feet 5 - 10 feet	FMD: HAS OLD BUILDING FOUNDATIONSIN OPENING, MAY BE OF HISTORICAL VALUE This stand had a high density of spruce/fir, but most has died out du to the spruce budworm. The stand is now scattered hardwoods with some younger spruce/fir. 2025: Cedar stand with strips cut out. Some cedar is regenerating in the 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 regen in uncut strips but would like to look at when snow is gone. Leave strips are mostly C w/ Occ. Fsb, Fb, Wb and P. OPIO

M/CHIGAN .

Stand	Level 4 Co	over Type	:	Size De	ensity	Acres	Stand Age B	A Range	Managed S	Site	General Comments
7	4190 - Mixed Upla Ce	and Decidu edar	ous with F	Poletimb	er 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	l Age	Sub-Car	opy 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.
	Quaking Aspen	10	Pole	5	36	Wh	ite Pine	Low	5 - 10 feet	5 - 10 feet	1900 under contract 17-07-01, willthey sale.
	Balsam Poplar	60	Pole	5	36	Bal	sam Fir	Medium	5 - 10 feet	5 - 10 feet	
	Balsam Fir	10	Pole	5	36	White	e Spruce	Low	5 - 10 feet	5 - 10 feet	
8	429 - Mixed L	Jpland Con	nifers	Sapling	g Well	51.6	36	1-50	N/A	A	2025: Very mixed stand of white spruce, white pine, Quaking aspen
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	and cedar. Cedar is regenerating very well in patches. 2015- There is scattered residual Pine, Cedar and Hemlock through out the
	Quaking Aspen	35	Pole/Sapling		36	Bal	sam Fir	High	5 - 10 feet	5 - 10 feet	stand. OPIC - FMD: Good aspen regeneration and white and red pine
	Balsam Poplar	5	Pole/Sapling	5		Quaki	ng Aspen	Low	5 - 10 feet	5 - 10 feet	regeneration. Southern tip of the stand contains a lot of cherry mixed
	Balsam Fir	10	Sapling/Pole	4		Balsa	ım Poplar	Low	5 - 10 feet	5 - 10 feet	with aspen. Stand was treated in 1989, contract 17-87-01, Whitney sale.
	White Spruce	15	Sapling/Pole	4		Wh	ite Pine	Medium	5 - 10 feet	5 - 10 feet	sale.
No	rthern White Cedar	10	Pole	8		White	e Spruce	Low	5 - 10 feet	5 - 10 feet	
	White Pine	20	Pole	6	36	Northern	White Cedar	Low	< 5 feet	< 5 feet	
	Red Pine	5	Pole	6							-
9	612 - Lowland (Coniferous	Forest	Unspe	cifed	23.0		nspecified			2025: Stand is regenerating to balsam fir, black spruce, and tag alder Poor to moderate stocking with fir being dominant. This stand is
							nopy Species	Density	Avg. Height	Size	seeding in slowly with more black spruce. This stand was cut
							sam Fir	Medium	< 5 feet	< 5 feet	under the Top Down sale completed in 2022. Unit 10.
							k Spruce	Low	< 5 feet	< 5 feet	
					L	Ta	g Alder	Medium	5 - 10 feet	5 - 10 feet	
10	6120 - Lov	vland Ceda	ar P	Poletimb	er 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
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	opy Species	Density	Avg. Height	Size	tansition blwn std 15 and 17. N. end neavier to C, Southern tip (2-3 acres) heavier to Rm, ash, fir. OPIC - FMD: O
	Red Maple	5	Pole/Sapling	7		Bal	sam Fir	Medium	5 - 10 feet	5 - 10 feet	Stand Year Origin was 1930
	Paper Birch	10	Pole/Sapling	7		Tag	g Alder	Medium	5 - 10 feet	5 - 10 feet	
	Balsam Fir	10	Pole	7	64						
No	rthern White Cedar	70	Pole	9	113						
	Black Ash	5	Pole/Sapling	7							
11	6120 - Lov	vland Ceda	ar P	Poletimb	er Well	36.9	116	141-170	N/A	Ą	2025: Log and pole sized cedar stand.OPIC - FMD: Varies from
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Can	opy Species	Density	Avg. Height	Size	pure cedar to mixed with w.birch, spruce, balsam. Cedar is short low quality.
	Paper Birch	5	Pole	8		Bal	sam Fir	Medium	10 - 20 feet	10 - 20 feet] ' '
	Black Spruce	5	Pole	9							
No	rthern White Cedar	85	Log/Pole	10	116						
	Tamarack	5	Pole	6							



Stand	Level 4 Co	over Type	S	Size De	nsity	Acres	Stand Age I	BA Range	Managed S	ite	General Comments
12	4319 - Mixed	Upland Fo	rest Po	oletimb	er Poor	4.8	84	1-50	N/A	\	This should be dealer in the form of the first of the state of the sta
(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
	Red Maple	10	Pole/Log	8	84						some younger spruce/fir.
	Paper Birch	15	Pole/Sap/Log	8	84						
C	Quaking Aspen	10	Pole	9							
E	Balsam Poplar	15	Pole	9							
	Balsam Fir	30	Pole/Sapling	6	84						
١	White Spruce	20	Pole	8							
13	42350 - Upl	and Hemlo	ock Sav	vtimbe	Medium	n 10.5	133	51-80	N/A	٨	2025: Hemlock stand with white pine and maple component. Balsam
(Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	fir 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
	Sugar Maple	5	Log/Pole	10		Ва	ılsam Fir	Low	5 - 10 feet	5 - 10 feet	were removed.
	White Ash	5	Pole/Log	9							_
	Paper Birch	5	Pole/Log	9							
North	hern White Cedar	30	Log/Pole	12							
	White Pine	5	Log	12							
	Hemlock	50	XLog/Log/Pole	18	133						
15	4119 - Mixed No	rthern Hard	dwoods Po	oletimb	er Well	77.2	88	51-80	N/A	٨	2025: Nice maple stand with varying sizes from saplings to logs.
(Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Stand was harvested in 2021. This stand was treated under the Top Down sale completed in 2021. Units 3,4,5 and 6
	Sugar Maple	65	Log/Pole	10	88	Ва	ılsam Fir	Low	< 5 feet	< 5 feet	
	Paper Birch	5	Log/Pole	10		Lea	therwood	Low	5 - 10 feet	5 - 10 feet	
North	hern White Cedar	10	Pole	8		Sug	gar Maple	Low	5 - 10 feet	5 - 10 feet	
	Hemlock	15	Log	12							
	Black Cherry	5	Pole	8							
16	6225	5 - Bog		Noi	ne	0.9			No	ı	2025: Possible vernal pool/bog.
17	6129 - Mixed Conife	erous Lowla	and Forest	Unspe	cifed	32.1	3	1-50			2025: Black spruce, white pine, and tamarack are filling in.
						Sub-Ca	nopy Species	Density	Avg. Height	Size	Regeneration is even throughout stand. This stand was cut under the Top Down sale completed in 2022. UNit 8.
						WI	hite Pine	Medium	< 5 feet	< 5 feet	under the Top Down sale completed in 2022. ONIT o.
						Blad	ck Spruce	Medium	< 5 feet	< 5 feet	
						Ta	amarack	Low	< 5 feet	< 5 feet	
18	612 - Lowland (Coniferous	Forest	Unspe	cifed	21.1	3 l	Jnspecified			2025: Q type stand that was cut in 2021. Poorly stocked but needs a
						Sub-Ca	nopy Species	Density	Avg. Height	Size	little more time.This stand was cut under the Top Down sale unit 7 completed in 2021. This are was broken out from photo
											Turil / Completed in 2021. This are was proken our from priore



Stand	Level 4 Co	ver Type		Size Density	Acres Stand Age B	Managed Site		General Comments			
19	4119 - Mixed No	rthern Har	dwoods	Poletimber Well	86.0 85	111-140	40 N/A		2025: Sugar maple dominated stand with hemlock and birch		
	Canopy Species	ecies % Cover Size Class DBH Age		DBH Age	Sub-Canopy Species	Density	Avg. Height	Size	component. This stand should be treated this entry.2015- Mix of northern hdwd spp. some areas could use a thinning but overall		
	Sugar Maple	60	Pole	9 85	White Pine	Low	5 - 10 feet	5 - 10 feet	BA's are low. patches of hemlock and Wp throughout. OPIC - FMD:		
	Red Maple 10 Log Yellow Birch 5 Pole		Log	10	White Spruce	Low	5 - 10 feet	5 - 10 feet	Heavy to white birch on south part of stand. White ash and ironwood		
			7	Balsam Fir	Fir Medium	5 - 10 feet	5 - 10 feet	combine to make up the mix hardwood. There is also some balsam that didn't show up in plots that should be removed. Treated in 2009.			
	Basswood	5	Log Log	10	Sugar Maple	Medium	< 5 feet 5 - 10 feet	< 5 feet 5 - 10 feet	Stand was thinned to recommended BA.		
	Beech	5		10	Ironwood	Medium					
	Paper Birch	10	Pole	8					_		
	Hemlock	5	Log	12							
21	622 - Lowland Shrub Non			None	4.2		No		2025: This stand is mainly tag alder, white pine, and black spruce.		
					Sub-Canopy Species	Density	Avg. Height	Size	Pine 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	was sompleted and of the Power sale completed in 2021. Sink of		
					Alder	High	5 - 10 feet	5 - 10 feet			
					Black Spruce	Low	< 5 feet	< 5 feet			
					White Pine	Low	< 5 feet	< 5 feet			
38	4136 - Aspen, Mixed Conifer Sapling				11.3 37	1-50	N/A		2025: Quaking aspen and BAM mixture, 4-6 inch trees dbh. According		
	Canopy Species	% Cover	Size Class	DBH 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	Pole	6 37	White Pine	Medium	5 - 10 feet	5 - 10 feet	Wp was left. Treated in 1989. OPIC - FMD: A3 - P3 not quite a A4 -		
	Balsam Poplar	15	Pole	5	White Spruce	High	5 - 10 feet	5 - 10 feet	P4. Hemlock inclusion in NE corner as you come inot the stand. Aspen on higher ground, Balm in lower ground.		
	Balsam Fir	5		5	Balsam Fir	High	5 - 10 feet	5 - 10 feet	Aspen on nigher ground, Baim in lower ground.		
Nor	thern White Cedar	5	Log	10							
	White Pine	5	Log/Pole	12							
	Hemlock	5	Log/Pole	12							
39	4110 - Sugar Maple Association Saw			Sawtimber Well	4.5 85	111-140	N/A	Ą	2025: High quality Northern hardwoods stand dominated by sugar maple. Basswood and ash are declining within this stand. Very low		
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Canopy Species	Density	Avg. Height	Size	regeneration. This stand should be treated this entry. Difficult access		
	Sugar Maple	45	Log	10 85	Balsam Fir	Low	< 5 feet	< 5 feet	to this stand.2015 - Stand was thinned in 1989, could use		
	Basswood	15	Log/Pole	10					another thinning but stand is small and access would have to be gained from pvt landowner to east or south. combine with stand 50 to		
	White Ash	20	Log/Pole	10					make it worthwhile. OPIC - FMD: Nice hardwood stand, to small to		
	Beech	5	Log/Pole	10					treat alone, combine with stand 36, will have to install a culvert or		
	Paper Birch	5	Log/Pole	10					portable bridge to cross small creek and get landowner permission		
	Hemlock	10	Log/Pole	10					from east.		
47	47 6120 - Lowland 0				85.9 113	111-140	N/A		2025: Thick cedar stand that is stunted in pockets.OPIC - ¬ FMD: LOW AND THICK WITH SMALL 2 STICK CEDAR.		
	Canopy Species % Cover Size Class			DBH Age	Sub-Canopy Species	Density	Avg. Height	Size	TIVID. LOW AND THICK WITH SIVIALE 2 STICK CEDAK.		
	Paper Birch	15	Pole	7	Balsam Fir	Low	5 - 10 feet	5 - 10 feet			
	Balsam Poplar	5	Pole	7							
	Balsam Fir	5	Pole	6							
Nor	thern White Cedar	70	Pole	7 113							
	Hemlock	5	Pole	8							

Report 7 - Stands



Stand	Level 4 Cover Type 4110 - Sugar Maple Association			Size Density Poletimber Well		Acres Stand Age BA		BA Range	Managed Site		General Comments
50						7.2	85 1	111-140	N/A		2025: Mixed hardwood stand of maple, ash, basswood, and hemlock.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	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
	Sugar Maple	45	Log/Pole	10	85	Wh	hite Pine	Low	5 - 10 feet	5 - 10 feet	stand is really two stands. the stand to the north is an A3 and stand to
	Basswood	15	Log	10		Ва	ılsam Fir	High	5 - 10 feet	5 - 10 feet	South is M6. Stand was treated in 1989 and 3 ac. stand to north was
	White Ash	20	Log	10							☐ Cc. Stand to south is borderline for treatment. OPIC - FMD: A3 - F3 Treated in 1989, contract # 17-87-01 "Whitney sale".
	Beech	5	Log	11							Trouba in 1999, Sontage in 17 of the Whiteley Sale .
	Balsam Fir	5	Sapling/Pole	9 4							
	Hemlock	10	Pole/Log	9							
54	6120 - Lov	vland Ceda	ar F	Poletimber Well		24.5 125 141-170		N/A		2025: Cedar dominated stand with lowland conifer and deciduous	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	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
	Paper Birch	5	Pole	8		Ta	ag Alder	Low	5 - 10 feet	5 - 10 feet	harvesting and it filling in with T, Fs, Tag Alder. OPIC - FMD: OI
	White Spruce	5	Pole	8		Balsam Fir		Medium	5 - 10 feet	5 - 10 feet	Stand Year Origin was 1900
Noi	thern White Cedar	80	Pole	7	125			'		,	_
	Tamarack	10	Pole	8							