

# **Compartment Review Presentation**

**Shingleton Forest Management Unit** 

Compartment 41175
Entry Year 2026
Acreage: 859
County Alger

**Management Area: Grand Marais Moraine Complex** 

Stand Examiner: Mario Molin

**Legal Description:** 

T47N R17W Sections 8, 9, 16 and 17

### **Identified Planning Goals:**

Timber production, wildlife habitat management, and protection of fisheries resources in the Mosquito River drainage.

### Soil and topography:

The rolling terrain in the northern portion of the compartment is generally composed of fine sands to fine sandy loams, with short slopes ranging from 0 to 12%. To the south and along the Mosquito River corridor, the terrain is considerably flatter and muck soils are predominant.

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

Several hunting camps are located on the private lands in and around this compartment. Most of the private acreage in section 16 is CFR land owned by the Forest Land Group (formerly Shelter Bay Forests).

There is a buried power cable in this compartment that runs immediately adjacent to County Road 639, on the south side of the road.

Both the state and private lands have been managed for timber production.

#### **Unique Natural Features:**

No Unique Natural Features known.

#### Archeological, Historical, and Cultural Features:

No Archeological, Historical, or Cultural Features known.

### **Special Management Designations or Considerations:**

The Mosquito River and a number of its tributaries flow through this compartment. The headwaters of the Mosquito are located in section 9 on state land. Also, there is fairly heavy traffic along County Road 639 due to it's proximity to Pictured Rocks National Lakeshore; aesthetics should be considered when managing timber near the road.

#### **Watershed and Fisheries Considerations:**

Mosquito River flows through the middle of the compartment and is a designated trout stream. All tributaries are also designated trout streams here. Brook trout populations are present and the Mosquito River has been a suggested coaster brook trout stream also. Tobin Harbor brook trout were stocked here at one time. No aspen stands exist in this compartment, but a premium on keeping the canopy cover over the stream and limiting erosion should be priority. In stand 25, the stream should have a 100-ft RMZ implemented. The proposed treatment is a single tree selection and any navigation within the 100-ft RMZ should be minimized. Consideration needs to be given to applying an additional 5 feet to the RMZ per 1% increase in slope, in accordance with Best Management Practices.

#### Wildlife Habitat Considerations:

During pre-settlement times, the upland areas in this compartment supported a mixed deciduous/coniferous forest. The deciduous species of this forest consisted primarily of American Beech, sugar maple, and yellow birch. Hemlock, balsam fir, spruce and white cedar were the dominant upland conifers. Lowland areas supported a diverse forest of cedar, spruce, tamarack, red maple and black ash. The Mosquito River and several tributaries lie within this compartment.

Lowland areas within this compartment appear to be similar to pre-settlement species composition. Upland areas remain dominated by northern hardwood stands. However, the species composition of those stands has shifted from a heterogeneous mixture of hardwoods and conifers to a system dominated by sugar maple. The amount of hemlock and spruce in those stands appears to have been reduced.

The wildlife habitat management regime consists of protecting the hydrology along the Mosquito River and its tributaries, maintaining closed canopy lowland conifer stands, and providing age and structural diversity within the northern hardwood communities; including increasing the hemlock component.

### Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of end moraine of medium-textured glacial till. There is insufficient data to determine the glacial drift thickness. The Ordovician Prairie du Chien (PdC) Formation subcrops below the glacial drift. The PdC could be used for stone. The nearest gravel pit is one mile to the east and there should be potential in the compartment. There is no commercial oil and gas production in the UP.

#### Vehicle Access:

County Road 639 forms the northern boundary of this compartment, and several two-track logging roads enter the compartment from it. The western boundary is the Camp 15 Road, which is currently flooded by beaver activity along the Mosquito River. Once the beaver are controlled, this road and its various water crossings must be re-assessed. Several two-tracks also connect to this road, and at least one portable bridge and several culverts will be needed to make them usable for the proposed timber sale activities.

#### **Survey Needs:**

Additional land survey work may be needed in sections 8 and 16 to facilitate proposed timber sale activities in stands #4, #5. #8 and #13.

#### **Recreational Facilities and Opportunities:**

The state lands in this compartment are subject to moderate hunting pressure, and the Mosquito River provides trout fishing opportunities. There are no developed recreation sites in this compartment.

#### **Fire Protection:**

The fuel types in this compartment are not generally regarded as high-risk unless prolonged drought occurs. Access to certain areas is currently difficult due to the situation on the Camp 15 Road and the water crossings on the two-tracks.

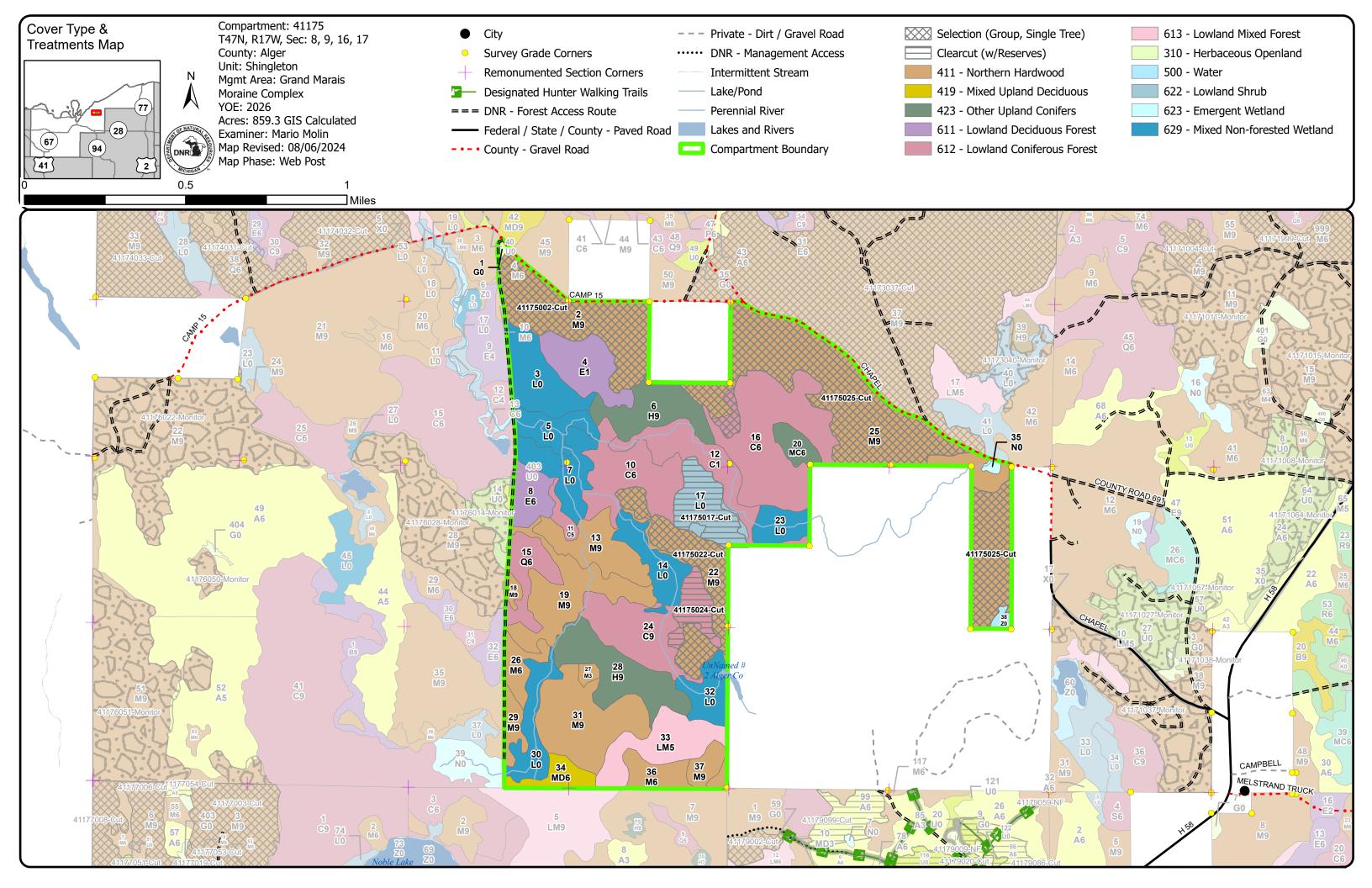
#### **Additional Compartment Information:**

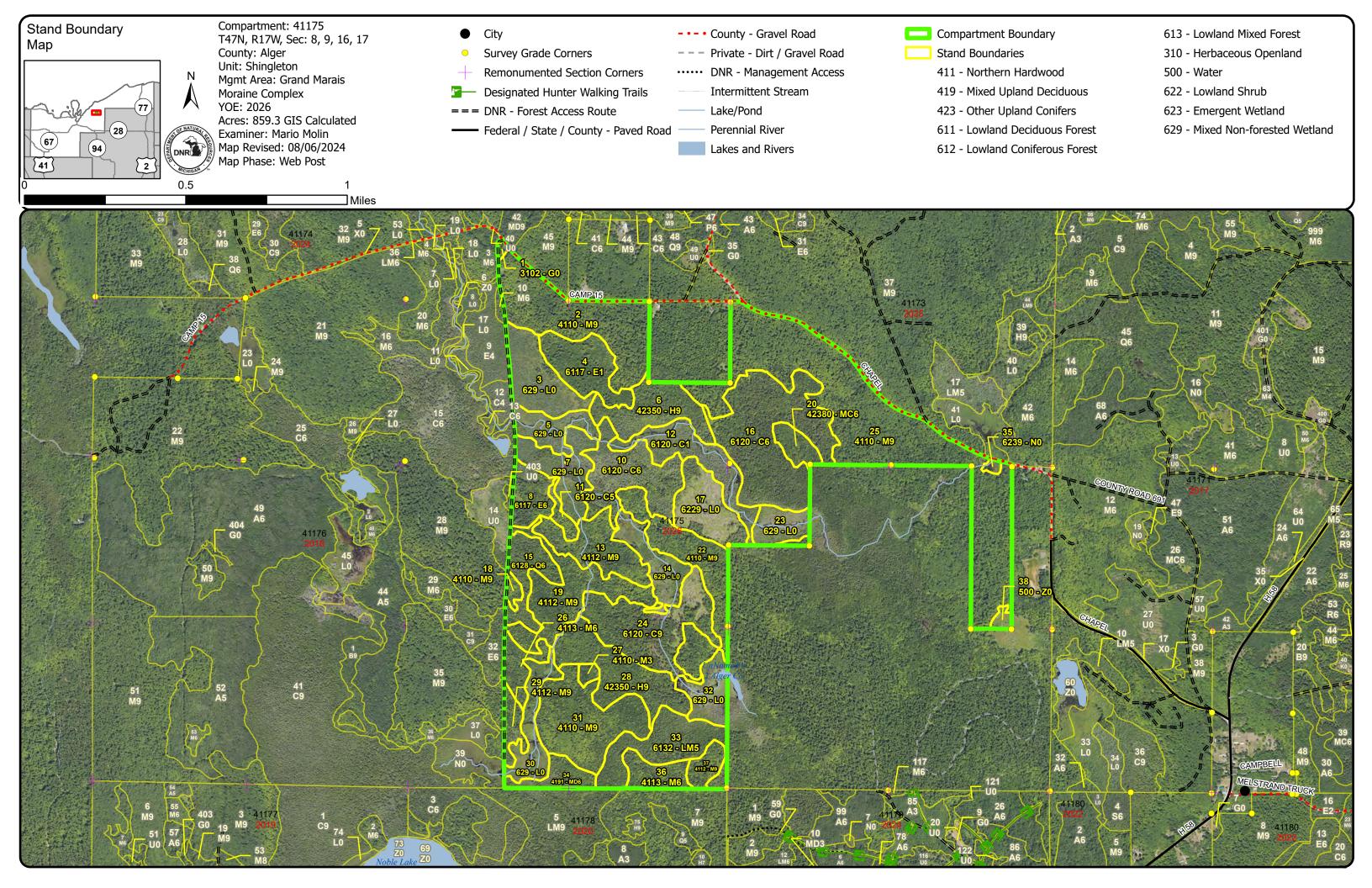
The following reports from the Inventory are attached:

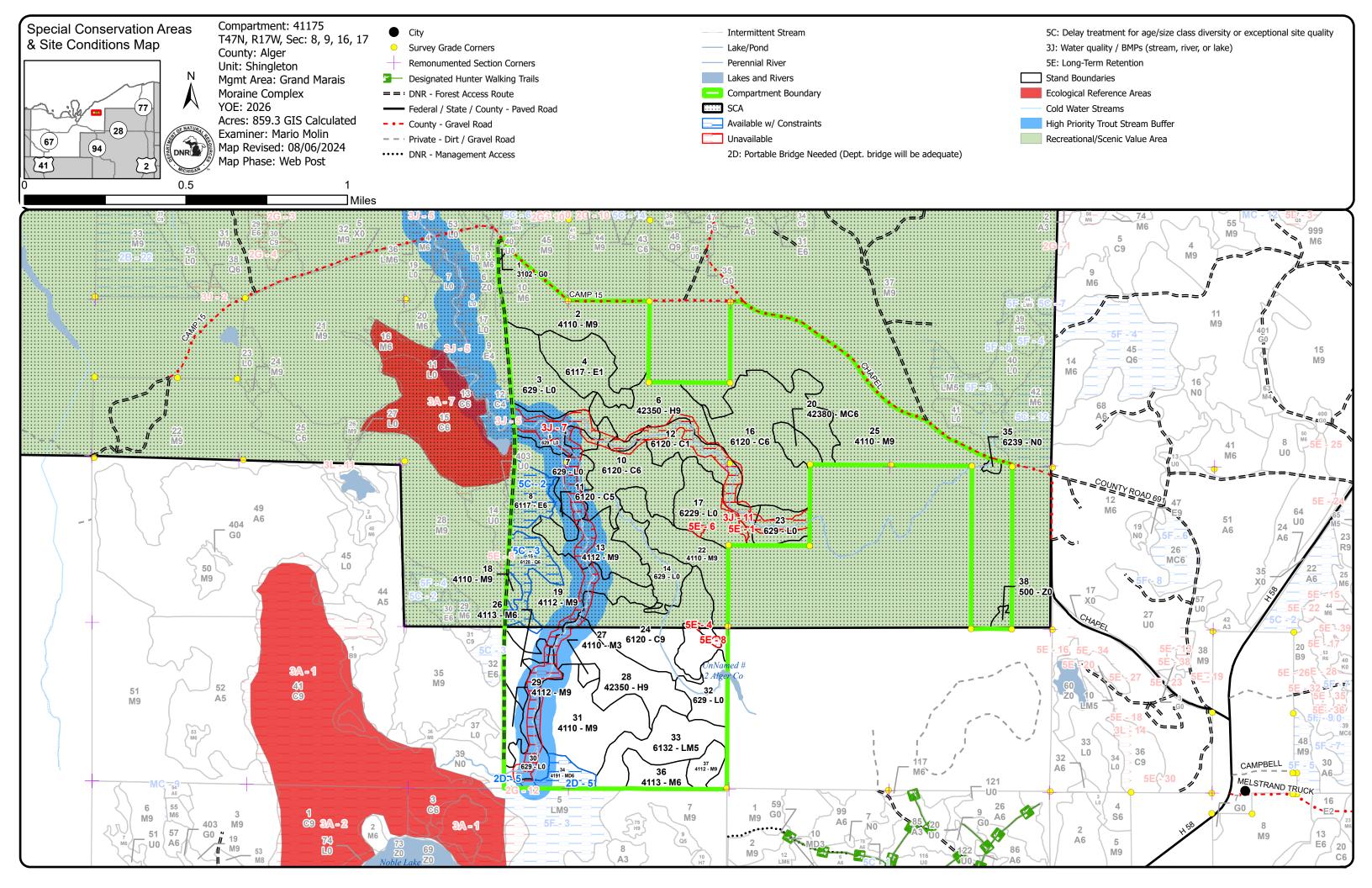
Total Acres by Cover Type and Age Class
Cover Type by Harvest Method
Proposed Treatments – No Limiting Factors
Proposed Treatments – With Limiting Factors
Stand Details (Forested and Nonforested)
Dedicated and Proposed Special Conservation Areas
Site Condition Details

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







Shingleton Mgt. Unit Mario Molin : Examiner



Compartment 175 Year of Entry 2026

### Age Class

	/	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	/	/ .a. /		, /	<u> </u>	<u>/</u>	/ a /				<u> </u>	<i>/</i>	<u>/</u>	/ a /	/ s /	//	Xes /	
	<b>≯</b> or	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 / 8			3/8		*/&					7'a'		;	S. A.	ign (	Trees	A LOS	
Cedar	0	0	0	0	0	27	0	0	0	0	4	0	0	78	0	67	0	0	176	ĺ
Hemlock	0	0	0	0	0	0	0	0	0	0	59	0	0	0	0	0	0	0	59	
Herbaceous Openland	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Lowland Conifers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	0	16	
Lowland Deciduous	0	0	24	0	0	0	0	0	0	0	13	0	0	0	0	0	0	0	37	
Lowland Mixed Forest	0	0	0	0	28	0	0	0	0	0	0	0	0	0	0	0	0	0	28	
Lowland Shrub	147	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	147	
Marsh	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Mixed Upland Deciduous	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	10	
Northern Hardwood	0	0	0	0	0	2	0	0	0	0	364	0	0	0	0	0	0	7	373	
Upland Conifers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	8	
Water	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
Total	151	0	24	0	28	29	0	0	0	0	450	0	0	78	0	75	16	7	858	İ



### **Report 2 – Treatment Summary**

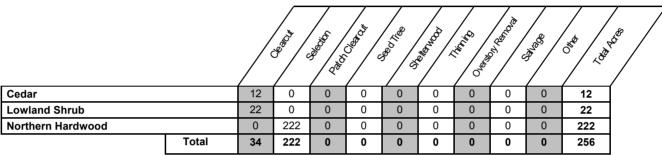
# Shingleton Mgt. Unit Year of Entry: 2026

#### **Acres of Harvest**

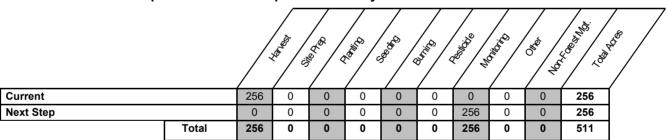
Compartment 175
Total Compartment Acres: 859

Commercial Harvest - 256 Harvests with Site Condition - 0 Next Step Harvest - 0 Habitat Cut - 0

### **Cover Type by Harvest Method**



### **Proposed and Next Step Treatments by Method**



Report 3 -- Treatments

Shingleton Mgt. Unit s t а

Compartment: 175 Year of Entry: 2026



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

**Proposed Treatments:** 

41175002-Cut 53.5 4110 - Sugar Maple Sawtimber 94 81-110 Harvest Single Tree 411 - Northern Uneven-No Selection Association Well Hardwood Aged

Prescription Mark down to 80BA, focus on releasing regen/opeing up existing regen holes.

Specs:

Next Step Monitoring, Natural Regen (Intermediate)

Treatments:

Acceptable Any species on site

Regen:

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2025

Single Tree 41175025-Cut 132.4 4110 - Sugar Maple Sawtimber 94 81-110 Harvest 411 - Northern Uneven-Nο Association Well Selection Hardwood Aged

Prescription Mark down to 80BA, focus on releasing regen/opeing up existing regen holes.

Specs:

Monitoring, Natural Regen (Intermediate) Next Step

Treatments:

Acceptable Any species on site.

Regen:

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2025

**Approved Treatments:** 

17 41175017-Cut 22.1 6229 - Mixed Nonstocked **Immatu** Harvest Clearcut with 6120 - Lowland Even-Aged No lowland shrub Retention Cedar re

Prescription Clear cut with patches left, make patches in areas with heavy cedar and in areas with other species that are healthy.

Specs:

Monitoring, Natural Regen (Intermediate) Next Step

Treatments:

Acceptable Mix of current species on site.

Regen:

Other Stand has a noticable amount of birch, it is in decline, younger/healthier birch is on site, this should be included in some of the retention

Comment:

Proposed access is through TFG property, gain permissions prior to set up. Old next step comments: Follow up according to work

instructions

Acceptable regeneration is any mix of species left on site.

Site Condition

Proposed Start Date: 10/1 /2015

Compartment: 175
Year of Entry: 2026

S t									Year of Entry	y: 2026	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
22	41175022-Cu	t 35.6	4110 - Sugar Maple Association	Sawtimbe Well	r 94	81-110	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven- Aged	No
Spec Next	cs: will va	ry, but an	n regen gaps, create average of 70 BA sl ıral Regen (Re-Invel	nould be lef					erry where it mak	es sense. re	sidual BA
		current sp	pecies on site.								
Othe Com		was cut ir ack Cherry	n 1987 or 1988, has / is 10.	fairly good	advance	ed regene	ration. Canopy	has closed up in n	nost spots. Avera	ge BA of Sug	gar Maple is
	Propo instruc		s is through TFG pr	operty, gain	permis	sions pric	r to set up. Old	next step commer	nts: Follow up acc	ording to wor	k
Site	<u>Condition</u>										
Prop	osed Start Date	<u>e:</u> 10/1 /2	015								
24	41175024-Cu	t 12.0	6120 - Lowland Cedar	Sawtimbe Well	r 123	141- 170	Harvest	Clearcut with Retention	6120 - Lowland Cedar	Even-Aged	l No
Pres	cription Stand	will only b	e harvested on the	East side of	creek.	Clear cut	the stand main	taining 100 ft buffe	r along creek. Als	so use redline	e on east

Specs: side of stand to carve out reserve areas.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Mix of species on site.

Regen:

Other West side of stand has cold water/high priority trout designation.

Comment: Proposed access is through TFG property, gain permissions prior to set up. Old next step comments: Followup according to work

instructions.

Acceptable regeneration is any mix of residual stand.

Site Condition

Proposed Start Date: 10/1 /2015

Total Treatment Acreage Proposed: 255.6

# **Report 4 – Site Conditions**

Shingleton Mgt. Unit

Mario Molin : Examiner Year of Entry: 2026



Compartment: 175

Availa	ability for	Managemer	nt					
Total	Acres	Acres Avail	Acres		Domina	nt Site	Con	ditions
Acres	Available	With Condition	Not Available		2D	5C	3J	5E
172	153	0	19	Cedar			19	1
59	56	0	4	Hemlock			4	
1	1	0	0	Herbaceous Openland				
16	0	16	0	Lowland Conifers		16		
37	24	13	0	Lowland Deciduous		13		
28	28	0	0	Lowland Mixed Forest				
147	113	0	34	Lowland Shrub			32	2
1	1	0	0	Marsh				
10	0	9	1	Mixed Upland Deciduous	9		1	
378	367	0	10	Northern Hardwood			10	0
8	8	0	0	Upland Conifers				
2	2	0	0	Water				
860	753	39	68	Total Forested Acres	9	30	66	2
	88%	5%	8%	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	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
2	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	13	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						

# **Report 4 – Site Conditions**

Shingleton Mgt. Unit Mario Molin: Examiner



3	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	16	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
4	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
5	Available	2D: Portable Bridge Needed (Dept. bridge will be adequate)	9	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
6	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
7	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	65	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
8	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
11	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	0	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						

Compartment: #Type! Year of Entry:

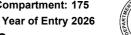


### Report 5 - PROPOSED SPECIAL CONSERVATION AREA\* (SCA) DETAILS

\* 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				

Shingleton Mgt. Unit Compartment: 175





# 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.

Conservati Area	on Type	Description	ERA = Ecological Reference Area HCVA = High Conservation Value Area SCA = Special Conservation Area
SCA	Cold Water Lake	A coldwater lake has temperature and dissolved oxygen condition stocked trout populations and those of other coldwater fish specific conditions for coldwater fishes may occur in Michigan lakes if the groundwater inflows, or are located in colder (northern) areas of Director's action and designated as trout resources by Fisheries	es to persist from year to year. Suitable ey are relatively deep, have substantial the state. Such lakes are established by
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen cond stocked trout populations and those of other coldwater fish speci year to year. Coldwater streams in Michigan typically provide the contributions of groundwater to their stream flows. Such streams designated as trout resources by Fisheries Order 210.	es (e.g., slimy sculpin) to persist from se conditions due to substantial
SCA	Riparian Area	A transitional area between aquatic and terrestrial ecosystems in influences the aquatic ecosystem and vice-versa. Because of the streams and open water wetlands, riparian areas harbor a high of communities are ecologically and socially significant in their effect as aesthetics, habitat, bank stability, timber production, and their	e unique conditions adjacent to lakes, liversity of plants and wildlife. Riparian cts on water quality and quantity, as well
ERA	Ecological Reference Areas	Ecological Reference Areas (ERAs) are high quality examples of identified as Element Occurrences (EOs) by the Michigan Natura context of their natural community classification system. Element (Excellent) or B (Good) and a Global (G) or State (S) element (ra threatened (2), or rare (3) serve as an initial base of ERAs. They the State. The system is comprised of individual or associations managed for restoration and maintenance of natural ecological p submit recommendations for lands as ERAs using the DNR Constitutions.	al Features Inventory (MNFI) within the toccurrences with viability ranks of A urity) ranking of endangered (1), may be located upon any ownership in of natural community types that are processes and values. The public may



Stand	d Level 4 C	over Type		Size De	nsity	Acres	Stand Age	BA Range	Managed \$	Site	General Comments	MICHIGAN .
1	3102	- Grass		Nonsto	ocked	0.9			No			
2	4110 - Sugar N	Maple Asso	ciation	Sawtimb		53.5	94	81-110	N/A			
	Canopy Species		Size Class		l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size		
	Sugar Maple	98	Log	14	94	Sug	gar Maple	Medium	< 5 feet	Sapling		
	Black Cherry	2	Log	14								
3	629 - Mixed noi	n-forested v	wetland	Nonsto	ocked	25.6			No		Flooded area, killed all cedar, black ash sapplings.	
						Sub-Ca	nopy Species	Density	Avg. Height	Size		
						Ta	ag Alder	Low		Tall Shrub		
						BI	lack Ash	High		Sapling		
4	6117 - Lowland Con	Deciduous iferous	, Mixed	Sapling	J Poor	23.6	13	1-50	N/A			
	Canopy Species	% Cover	Size Class	DBH	I Age							
	Hemlock	10	Sapling	2								
	Beech	20	Sapling	2								
	Hemlock	15	XLog/Log	18	113							
	Red Maple	20	Sapling	2	13							
	Balsam Fir	15	Sapling	2								
	Black Ash	20	Sapling	2								
5	629 - Mixed noi	n-forested v	wetland	Nonsto	ocked	14.2			No			
						Sub-Ca	nopy Species	Density	Avg. Height	Size		
						Ta	ag Alder	High		Tall Shrub		
						Northerr	n White Cedar	Low		Sapling		
6	42350 - Up	land Hemio	ock	Sawtimb	er Well	25.4	94	81-110	N/A		Big ridge line, quite steep in areas. Mix of size classes.	
	Canopy Species		Size Class		l Age		nopy Species		Avg. Height	Size		
	Hemlock	15	Pole	8			ed Maple	Medium	Variable	Sapling		
	Hemlock	20	XLog	20			lemlock	Low	Variable	Sapling		
	White Pine	5	XLog	18	0.4	Ва	alsam Fir	Medium	Variable	Sapling		
	Hemlock	35	Log	14	94							
NI.	Black Spruce orthern White Cedar	5	Pole	8								
INO		5	Pole	8								
	Red Maple	15	Pole	8								
7	629 - Mixed nor	n-forested v	wetland	Nonsto	ocked	22.2			No		Flooded area	
							nopy Species		Avg. Height	Size		
							n White Cedar			Sapling		
						Ta	ag Alder	High		Tall Shrub		



Stand	Level 4 C	over Type		Size De	nsity	Acres	Stand Age B	BA Range	Managed S	Site	General Comments
8	6117 - Lowland Con	Deciduous, iferous	, Mixed	Poletimb	er Well	13.1	94	81-110	N/A		Odd little stand, included a small grass opening with potential HAS, stand is both upland and lowland made of red maple and conifer species.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Cut in mid/late 1980's.
	Black Cherry	20	Log	10		Re	ed Maple	Medium	Variable	Sapling	
	Paper Birch	5	Pole	8		Ba	alsam Fir	Medium	Variable	Sapling	
	White Spruce	15	Pole	8	·			'	1		•
	Balsam Fir	25	Pole	8							
	Red Maple	35	Pole	8	94						
10	6120 - Lo	wland Ceda	ar	Poletimb	er Well	34.3	123	141-170	N/A		Could argue to type out a Q stand in the north end near the middle of the
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	stand (very difficult to see in imagery but there is a noticable change on the ground, dont feel it necessary because if the area is prescribed the
	Paper Birch	15	Pole	8		Ва	alsam Fir	Medium	Variable	Sapling	treatment would likey be the same in the type types.
No	rthern White Cedar	85	Pole	8	123	Norther	n White Cedar	Medium	Variable	Sapling	
11	6120 - Lov	wland Ceda	ar P	Poletimbe	r Mediu	m 4.0	94	1-50	N/A		
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Paper Birch	5	Pole	8		Pa	per Birch	Low	Variable	Sapling	
	Black Ash	10	Pole	8		Bla	ck Spruce	Medium	Variable	Sapling	
No	rthern White Cedar	65	Pole	8	94	Norther	n White Cedar	Low	Variable	Sapling	
	Black Spruce	20	Pole	8		As	sh (spp.)	Medium	Variable	Sapling	
							Alder	High	Variable	Tall Shrub	
12	6120 - Lo	wland Ceda	ar	Sapling		26.9	44	1-50	N/A		Regenerating cedar stand, overstory died off. Mix of species is found.
	Canopy Species	% Cover	Size Class	DBF	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Black Spruce	10	Sapling	2		Ba	alsam Fir	Medium	< 5 feet	Sapling	
No	rthern White Cedar	73	Sapling	2	44	Norther	n White Cedar	Medium	< 5 feet	Sapling	
	White Pine	3	Sapling	2		Bla	ck Spruce	Medium	< 5 feet	Sapling	
	Red Maple	2	Log	10							
	Yellow Birch	2	Sapling	2							
	Balsam Fir	10	Sapling	2							
13	4112 - Maple, Beec	h, Cherry A	Association	Sawtimb	er Well	24.1	94	51-80	N/A		Stand has a double set of ridges, hardwoods on higher ground and conifers in the lower.
	Canopy Species	% Cover	Size Class	DBF	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Cut in mid/late 1980's.
	Black Spruce	5	Pole	8		Ва	alsam Fir	Low	Variable	Sapling	
	Red Maple	50	Log	10	94	Bla	ck Spruce	Low	Variable	Sapling	
	Sugar Maple	30	Log	10		Bla	ck Cherry	Low	Variable	Sapling	
	Black Cherry	5	Pole	8		Suç	gar Maple	High	Variable	Sapling	
	Balsam Fir	10	Pole	8							

Compartment: 175 Year of Entry: 2026



Stand	Level 4 C	over Type		Size De	nsity	Acres Sta	nd Age B	A Range	Managed S	Site	General Comments
14	629 - Mixed noi	n-forested v	wetland	Nonsto	cked	17.5			No		
						Sub-Canopy	/ Species	Density	Avg. Height	Size	
						Northern Wh	ite Cedar	Low		Sapling	
						Tag Al	der	Medium		Tall Shrub	
15	6128 - Lowland Dec	Coniferous iduous	, Mixed	Poletimb	er Well	16.4	157 ·	111-140	N/A		
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy	y Species	Density	Avg. Height	Size	
	Hemlock	10	XLog	18		Northern Wh	ite Cedar	Medium	Variable	Sapling	
	White Spruce	3	Log/Pole	10		Yellow E	Birch	Medium	Variable	Sapling	
	Paper Birch	10	Log	10		Balsam	Fir	Medium	Variable	Sapling	
	Balsam Fir	5	Pole	8		Hemlo	ck	Medium	Variable	Sapling	
	Red Maple	25	Log	10		Red Ma	aple	Medium	Variable	Sapling	
No	rthern White Cedar	45	Pole	8	157						
	Yellow Birch	2	Pole	8							
16		wland Ceda	ar	Poletimb		67.2	143	111-140	N/A		
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy	y Species	Density	Avg. Height	Size	
	Black Spruce	5	Pole	8		Balsam		Low	Variable	Sapling	
	Paper Birch	15	Pole	8		Northern Wh	ite Cedar	Low	Variable	Sapling	
	Red Maple	10	Pole	8							
No	rthern White Cedar	70	Pole	8	143						
17	6229 - Mixed	d lowland s	hrub	Nonsto	ocked	23.9	Ir	mmature (	613 - Lowland Mi	ixed Forest	
18	4110 - Sugar N			Sawtimb			94	51-80	N/A		Cut in mid/late 1980's.
	Canopy Species		Size Class		l Age	Sub-Canopy	•	Density	Avg. Height	Size	
	Sugar Maple	85	Log	12	94	Balsam		Low	Variable	Sapling	
	Balsam Fir	5	Pole	6		Sugar M	laple	Medium	Variable	Sapling	
	Red Maple	10	Log	12							
19	4112 - Maple, Beed	ch, Cherry /	Association				94	51-80	N/A		Stand changes in size class and density throughout, Has good regeneration, stand (all hardwood stands in southern1/2) was cut heavily
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy	/ Species	Density	Avg. Height	Size	in the mid/ late 1980's.
	Red Maple	40	Log/Pole	10		Black Ch	nerry	Medium	Variable	Sapling	
	Beech	5	Log	16		Ironwo	ood	Low	Variable	Sapling	
	Paper Birch	5	Pole	8		Beec	h	Low	Variable	Sapling	

High

Variable

Sapling

Sugar Maple

50

Log/Pole

Sugar Maple



Stand	Level 4 Co	over Type		Size De	nsity	Acres Stand A	ge BA Range	Managed 9	Site	General Comments
20	42380 - Non Pine U Deci	pland Con duous	ifer, Mixed	Poletimb	er Well	7.8 143	111-140	N/A		
	Canopy Species	% Cover	Size Class	s DBH	I Age	Sub-Canopy Spe	cies Density	Avg. Height	Size	
	Black Cherry	10	Pole	8		Hemlock	Medium	Variable	Sapling	
	Red Maple	15	Pole	8		Red Maple	Medium	Variable	Sapling	
No	rthern White Cedar	50	Pole	8	143	Balsam Fir	Medium	Variable	Sapling	
	Yellow Birch	5	Log	14			1	1	1	1
	Hemlock	15	Log	14						
	Black Spruce	5	Pole	8						
22	4110 - Sugar M	laple Asso	ciation	Sawtimb	er Well	37.3 94	81-110	N/A		2024 currently under contract Good advanced regeneration 2-3 inch
	Canopy Species	% Cover	Size Class	s DBH	I Age	Sub-Canopy Spe	cies Density	Avg. Height	Size	dbh. Diameter distributions is not well balanced, few trees in the small pole (4-6 in) range.
	Black Cherry	5	Log	12		Sugar Maple	High	10 - 20 feet	Sapling	polo (1 o m) rango.
	Sugar Maple	95	Log/Pole	10	94		'		-1	•
23	629 - Mixed non	-forested v	wetland	Nonst	ocked	11.3		No		
						Sub-Canopy Spe	cies Density	Avg. Height	Size	
						Tag Alder	Medium		Tall Shruk	
					-	Northern White C	edar Low		Sapling	
24	6120 - Lov	vland Ceda	ar	Sawtimb	er Well	43.8 123	141-170	N/A		2024 under contractCreek cut through the middle.
	Canopy Species	% Cover	Size Class	s DBH	I Age	Sub-Canopy Spe	cies Density	Avg. Height	Size	
	Paper Birch	5	Pole	8		Red Maple	Low	< 5 feet	Sapling	
No	rthern White Cedar	80	Log/Pole	10	123	Northern White C	edar Low	< 5 feet	Sapling	
	Red Maple	10	Pole	8		Balsam Fir	Low	< 5 feet	Sapling	
	Black Spruce	5	Pole	8						
25	4110 - Sugar M	laple Asso	ciation	Sawtimb	er Well	137.3 94	81-110	N/A		Cut in 2010
	Canopy Species	% Cover	Size Class	s DBF	I Age	Sub-Canopy Spe	cies Density	Avg. Height	Size	
	Black Cherry	2	Log	14		Sugar Maple	Medium	< 5 feet	Sapling	
	Sugar Maple	98	Log	14	94	Beech	Low	< 5 feet	Sapling	
26	4113 - R.M	aple, Conit	fer	Poletimb	er Well	9.8 94	51-80	N/A		Cut in mid/late 1980's.Has black ash elm and cedar.
	Canopy Species	% Cover	Size Class	s DBH	I Age	Sub-Canopy Spe	cies Density	Avg. Height	Size	
	Hemlock	3	Log	14		Beech	Low	Variable	Sapling	
	Yellow Birch	5	Pole	8		Ash (spp.)	Medium	Variable	Sapling	
No	rthern White Cedar	2	Pole	8		Red Maple	Medium	Variable	Sapling	
	Red Maple	75	Pole	8	94	American Elm	Low	Variable	Sapling	
	Balsam Fir	5	Pole	8					<del> </del>	
	White Spruce	10	Pole	8						



Stand	Level 4 C	over Type		Size Der	sity	Acres	Stand Age B	A Range	Managed S	ite	General Comments
27	4110 - Sugar N	Maple Assoc	ciation	Sapling	Well	2.3	42	1-50	N/A		Cut in 1981.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Beech	3	Sapling	3		Re	ed Maple	Medium	< 5 feet	Sapling	
	Yellow Birch	2	Sapling	3			Beech	Medium	< 5 feet	Sapling	
	Black Cherry	40	Sapling	4	42	Su	gar Maple	Medium	< 5 feet	Sapling	
	Red Maple	5	Pole/Log	8							
	Sugar Maple	10	Pole/Log	8							
	Sugar Maple	30	Sapling	4							
	Paper Birch	10	Sapling	3							
28	42350 - Up	land Hemlo	ck	Sawtimbe	r Well	34.0	94	81-110	N/A		Cut in mid/late 1980's.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Maple	20	Log	16			Beech	Medium	Variable	Sapling	
	Hemlock	75	XLog/Log	18	94	Ва	ılsam Fir	Medium	Variable	Sapling	
	Beech	5	Log	16		Re	ed Maple	Medium	Variable	Sapling	
29	4112 - Maple, Beed	ch, Cherry A	ssociation	Sawtimbe	r Well	7.0	94	51-80	N/A		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Beech	5	Log	16		Su	gar Maple	Low	Variable	Sapling	
	Red Maple	70	Log	12	94	Re	ed Maple	Medium	Variable	Sapling	
	Black Cherry	5	Log	10			Beech	High	Variable	Sapling	
	Yellow Birch	5	Pole	6		Ye	low Birch	Medium	Variable	Sapling	
	Hemlock	15	Log	14							
30	629 - Mixed noi	n-forested w	vetland	Nonsto	ked	17.5			No		
						Sub-Ca	nopy Species	Density	Avg. Height	Size	
						Bigto	oth Aspen	Low		Sapling	
						W	hite Pine	Trace		Sapling	
						Ва	llsam Fir	Low		Sapling	
						Norther	n White Cedar	Low		Sapling	
						Pa	per Birch	Trace		Sapling	
						Re	ed Maple	Low		Sapling	
						F	emlock	Trace		Sapling	
31	4110 - Sugar N	/laple Assoc	ciation	Sawtimbe	r Well	43.5	94	81-110	N/A		Cut in mid/late 1980's.Bridges needed and winter conditions to cut.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Black Spruce	5	Log	10		Re	ed Maple	High	10 - 20 feet	Sapling	
	Red Maple	5	Log	12		Ва	ılsam Fir	Medium	10 - 20 feet	Sapling	
	Sugar Maple	85	Log	12	94					·	
		5		8							

Compartment: 175 Year of Entry: 2026 OF NATURAL AND NATURA AND NATURAL AND NATURA 
Stand	Level 4 Cover Type			Size Density		Acres	Acres Stand Age B		Managed Site		General Comments
32	629 - Mixed non-forested wetland			Nonstocked		14.5	14.5		No		Some cat-tails sticking up above the snow.Full of large dead cedar.
							Sub-Canopy Species Northern White Cedar		Avg. Height	Size Sapling	
33	6132 - Mixed Lowla	and Forest v	with Cedar P	oletimbe	r Mediu	m 28.2	39	1-50	N/A		Generlly submerchantable, black ash, red maple in southwest
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	progressing to cedar to the east.
	Black Ash	40	Pole	5		Ва	lsam Fir	Medium	Variable	Sapling	
No	thern White Cedar	45	Pole	5	39	Northerr	White Cedar	Medium	Variable	Sapling	
	Yellow Birch	5	Pole	5						•	-
	Red Maple	10	Pole	5							
34	4191 - Mixed Upland Deciduous with Conifer			Poletimber Well		9.9	94	81-110	N/A		Cut in mid/late 1980's.Bridges needed to harvest
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Balsam Fir	5	Pole	8		Re	d Maple	Medium	Variable	Sapling	
	Black Spruce	5	Pole	8		Ва	lsam Fir	Medium	Variable	Sapling	
	Red Maple	50	Pole	8	94	Н	emlock	Medium	Variable	Sapling	
	Hemlock	30	XLog/Log	18							-
	Yellow Birch	5	Pole	8							
	Paper Birch	5	Pole	8							
35	6239 - Mixed Emergent Wetland Nonstocked				1.3	1.3 No					
36	4113 - R.Maple, Conifer			Poletimber Well		13.3	13.3 94 5		N/A		
	Canopy Species	% Cover	Size Class	DBH	I Age	ge Sub-Ca	nopy Species	Density	Avg. Height	Size	Cut in mid/late 1980's.
No	thern White Cedar	5	Pole	8		Yel	low Birch	Low	Variable	Sapling	
	Red Maple	75	Pole	8	94	Re	d Maple	Medium	Variable	Sapling	
	Yellow Birch	5	Pole	8		Ва	Isam Fir	Medium	Variable	Sapling	
	Black Spruce	5	Pole	8							
	Hemlock	10	XLog/Log	18							
37	4112 - Maple, Beed	ch, Cherry A	ssociation	Sawtimb	er Well	7.1	94	51-80	N/A		Cut in mid/late 1980's.
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Maple	95	Log	14	94	Blad	ck Cherry	Low	Variable	Sapling	
	Beech	5	Log	16		Yel	low Birch	Medium	Variable	Sapling	
					_	ı	Beech	High	Variable	Sapling	
						Ва	lsam Fir	Medium	Variable	Sapling	
						Re	d Maple	Medium	Variable	Sapling	
38	500 -	- Water		Nonsto	ocked	2.2			No		