

## **Compartment Review Presentation**

**Escanaba Forest Management Unit** 

Compartment 33085 Entry Year 2027 Acreage: 2,695

County: Delta

Management Area: Menominee-Marguette

Stand Examiner: George Wilson

**Legal Description:** 

T41N, R24W Sections 3, 4, 9, 10, & 16

#### **Identified Planning Goals:**

This compartment has 178 acres of clearcuts that are dominated by aspen, and 12 acres of hardwood thinnings. This compartment previously had a large sale named Twenty One Winch.

## Soil and topography:

Major soil series found in this compartment include: Lupton, Cathro, Tawas, Emmet, Longrie, Onaway, Summerville, Tacoosh and Angelica.

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

Private to the south, corporate lands to the east, State to the north and west.

### **Unique Natural Features:**

N/A

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

N/A

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

The Hunters Brook habitat riparian corridor special Conservation Area in the northeast portion of the compartment.

#### Watershed and Fisheries Considerations:

The northern region of this compartment contains Hunters Brook. Hunters Brook is a designated Type 1 trout stream less than 50 feet wide and has a predicted mean July water temperature of 68.2 °F (cold stream). A 300' buffer is recommended for Hunters Brook in riparian areas susceptible to Aspen regeneration. For areas not susceptible to Aspen regeneration, a minimum 100 feet, plus 5 feet per 1% increase in slope, riparian management zone is recommended to protect riparian areas in accordance with Best Management Practices.

#### Wildlife Habitat Considerations:

This compartment is divided into two distinct blocks. The northern half is predominantly cedar swamp with scattered, aspen-dominated uplands. A large portion of these lowland cedar types are currently factor limited as winter cover for white-tailed deer. The southern half of the compartment contains a mix of aspen types, treed bogs, and lowland cover types. There are openings within this compartment that are managed for wildlife. The majority of treatments planned in this compartment for this year of entry include clearcuts in aspen and mixed aspen stands. Retention of trees important to wildlife is a goal in mixed aspen stands. Creating open canopied habitat will benefit featured species such as the White-tailed Deer, Wild Turkey, Black Bear, American Woodcock, and Golden-winged Warbler.

#### 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 roughly two miles northwest. Glacial sediments are relatively thin in this area, and bedrock limestone is within 30 feet of the surface across the compartment. The Ordovician limestones are commonly quarried elsewhere in region where they crop out at the surface. The compartment consists predominantly of low wetlands, which would inhibit surface mining. Some remote geophysical surveys have been conducted covering this area, and there has been past test drilling for iron ore targeting magnetic anomalies, the nearest such activity being more than three miles southwest. There is a magnetic anomaly (though, less well defined) crossing Sec 16 within the compartment, and there may be potential for rock bearing iron or other metallic and critical minerals beneath the compartment, but they would occur at significant depth and may not have significant economic value. Additional research/exploration is needed. There is no current leasing activity involving State-owned mineral rights in the area.

#### **Vehicle Access:**

Most of this area is open to foot access with vehicle access being limited.

#### **Survey Needs:**

Private line boundaries will be required to establish the timber sale boundaries. Survey corner establishment may be required for these boundary lines.

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

Hunting, trapping and fishing. No designated recreational facilities within this compartment.

#### **Fire Protection:**

Vehicle access may be difficult to some portions of this compartment. There are water resources available and no significant threats for fire protection.

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

Ø The following 5 reports from the Operations Inventory System (OIPC) are attached:

- "Cover Type by Age Class
- "Cover Type by Management Objective
- "Compartment Volume Summary
- "Proposed Treatments No Limiting Factors
- "Proposed Treatments With Limiting Factors

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

- "Base feature information, stand numbers, cover types
- " Proposed treatments
- "Proposed road access system
- "Suggested potential old growth

#### 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** 

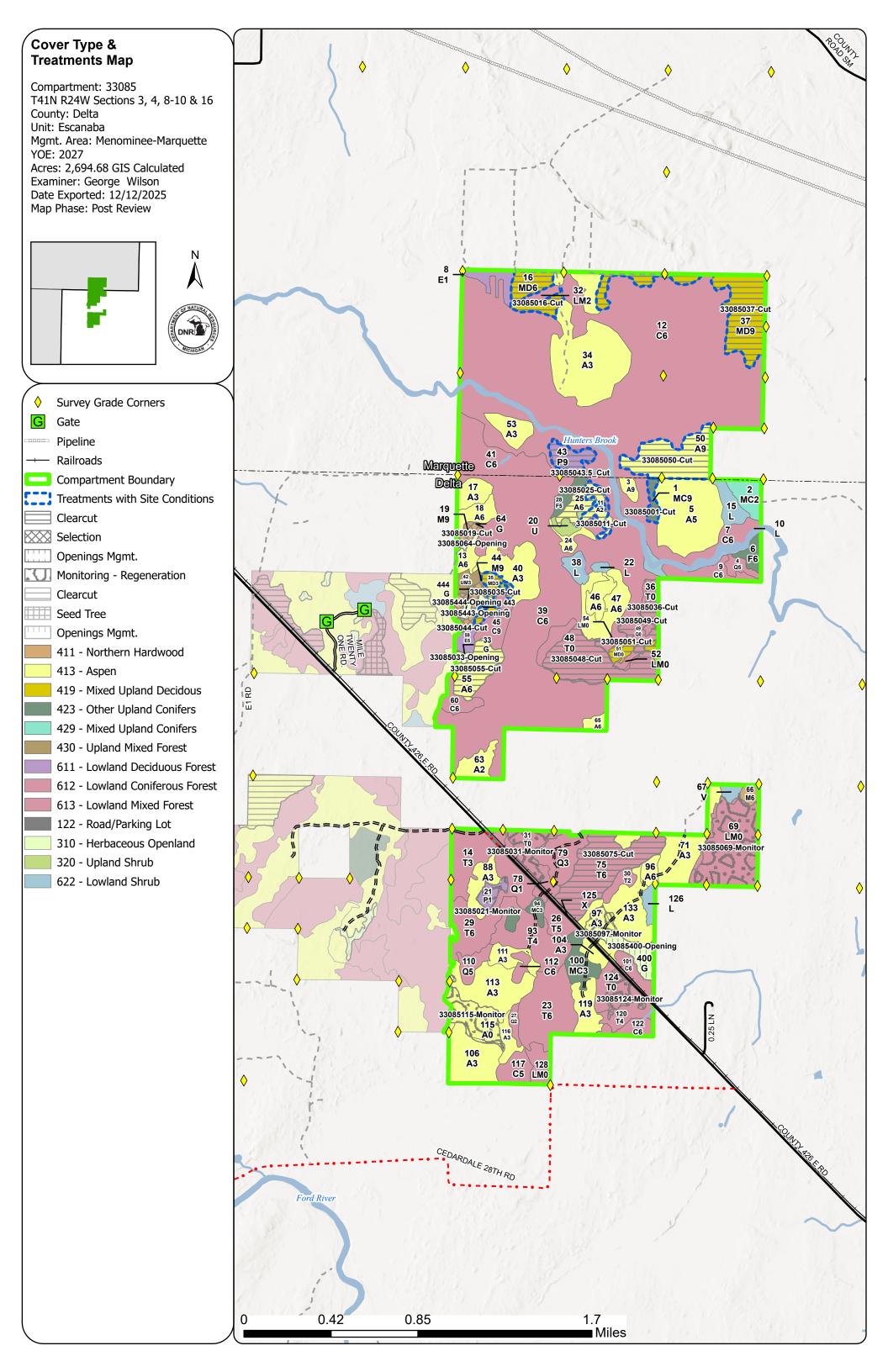
The following information is displayed, where pertinent, on the attached compartment maps:

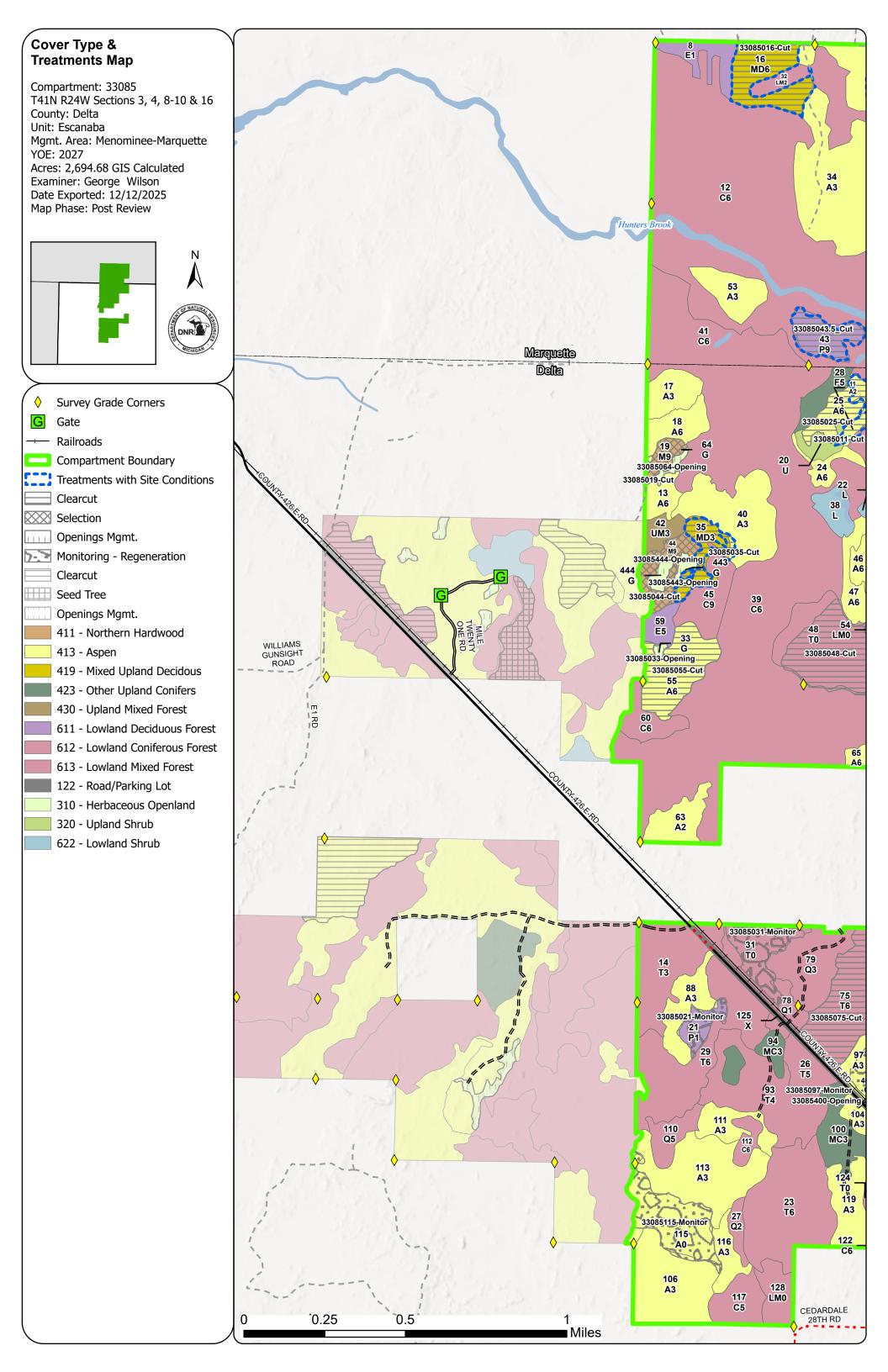
Base feature information, stand boundaries, cover types, and numbers

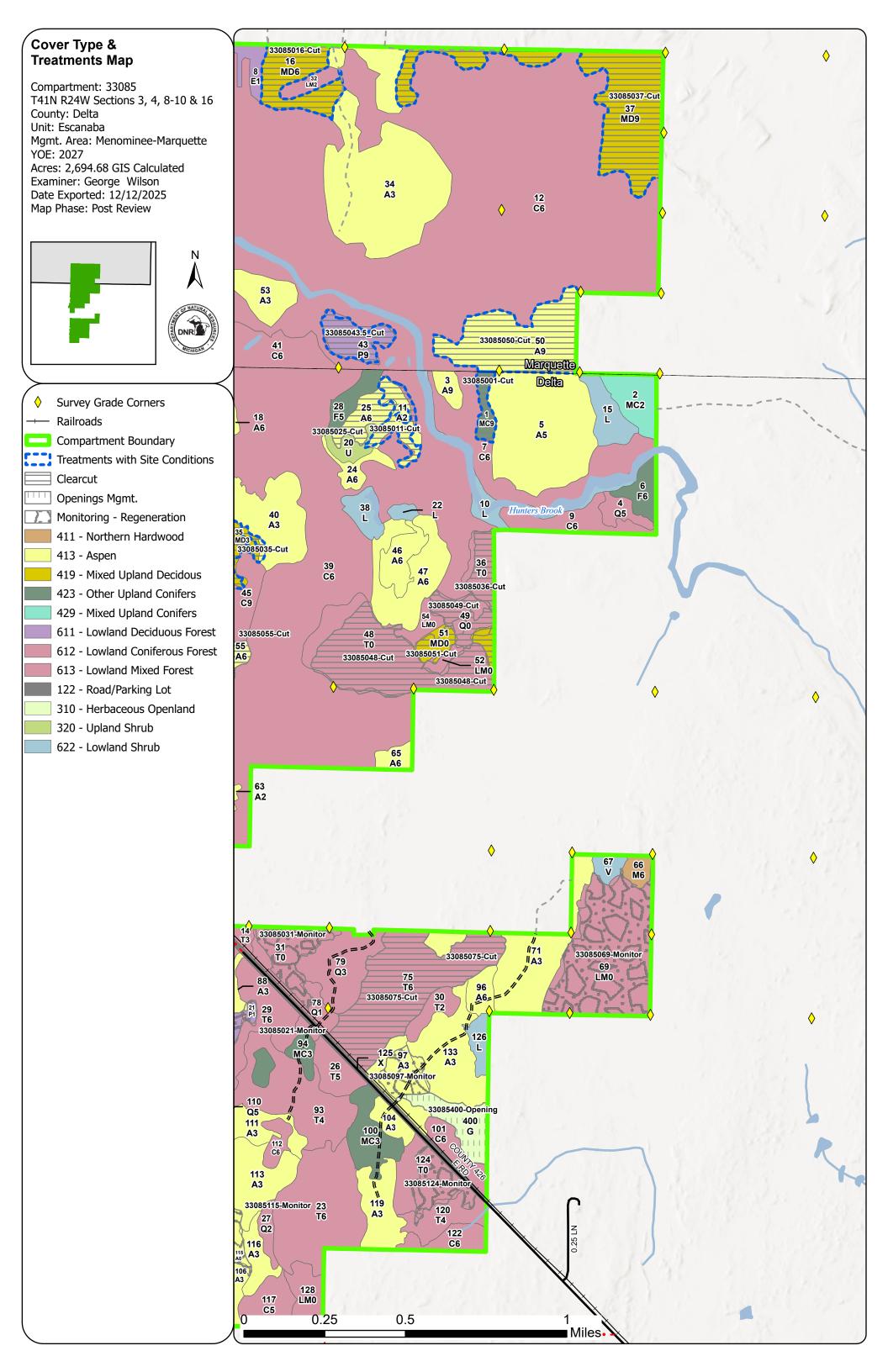
**Proposed treatments** 

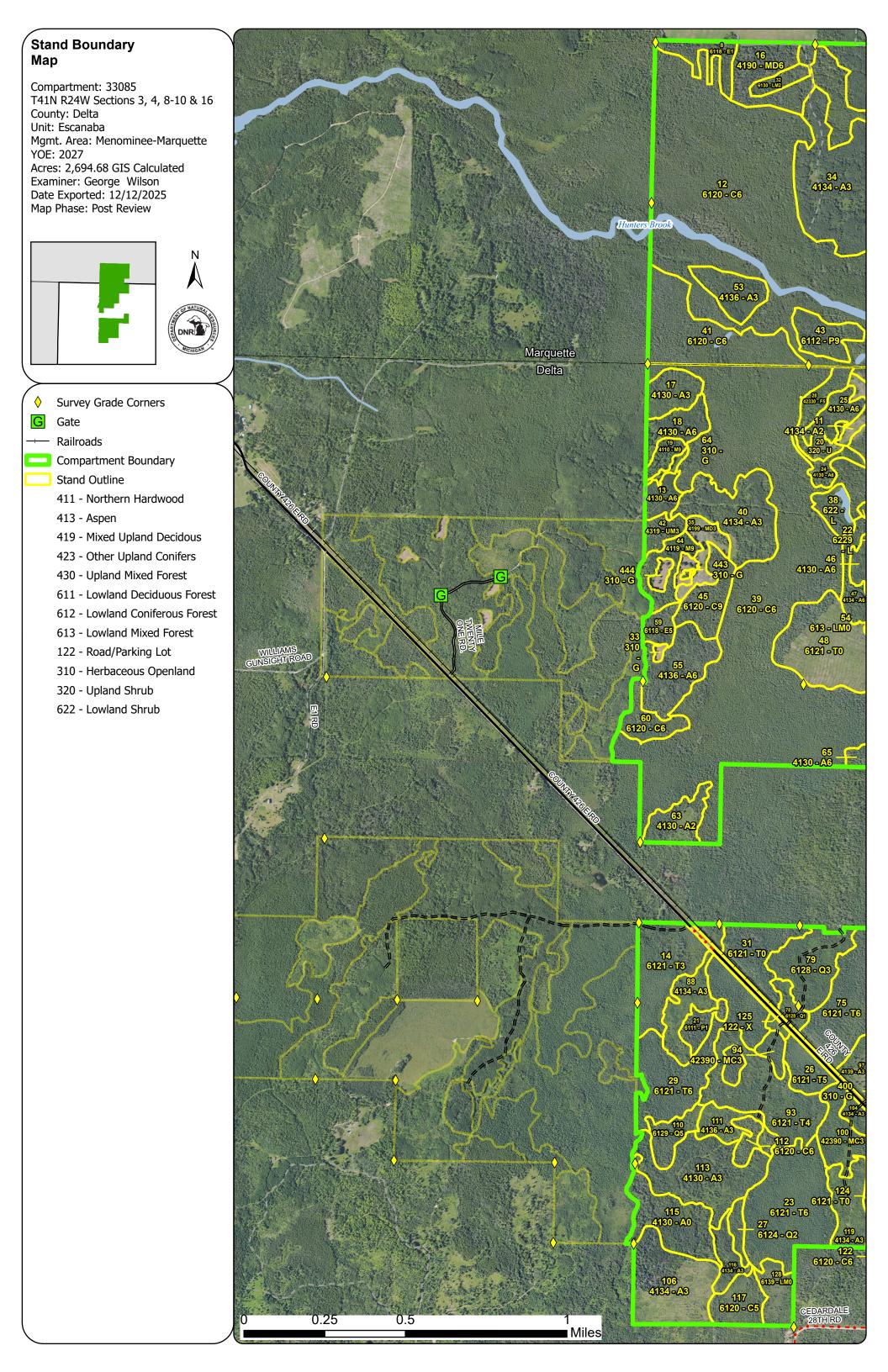
Site condition boundaries

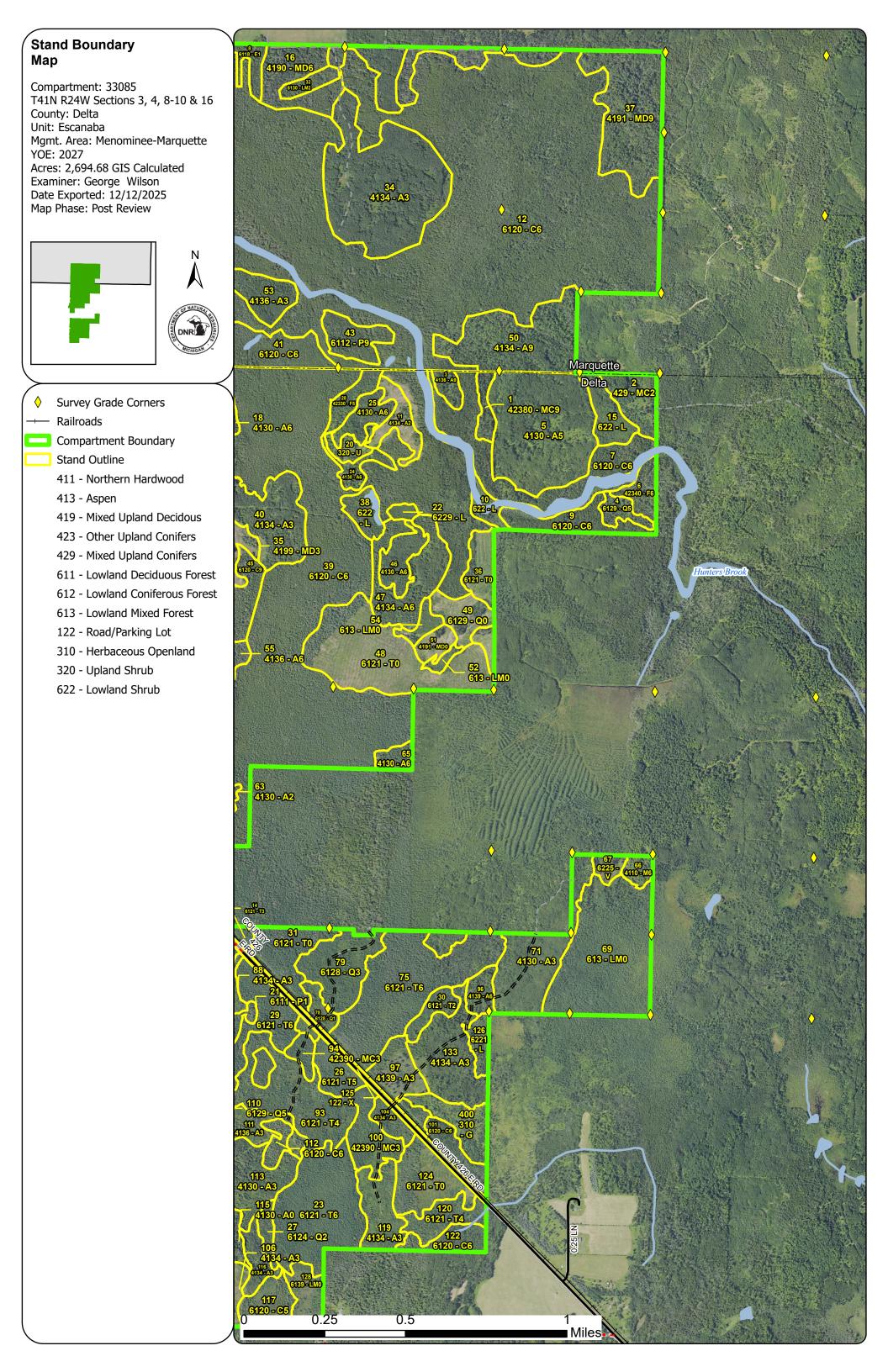
Details on the road access system

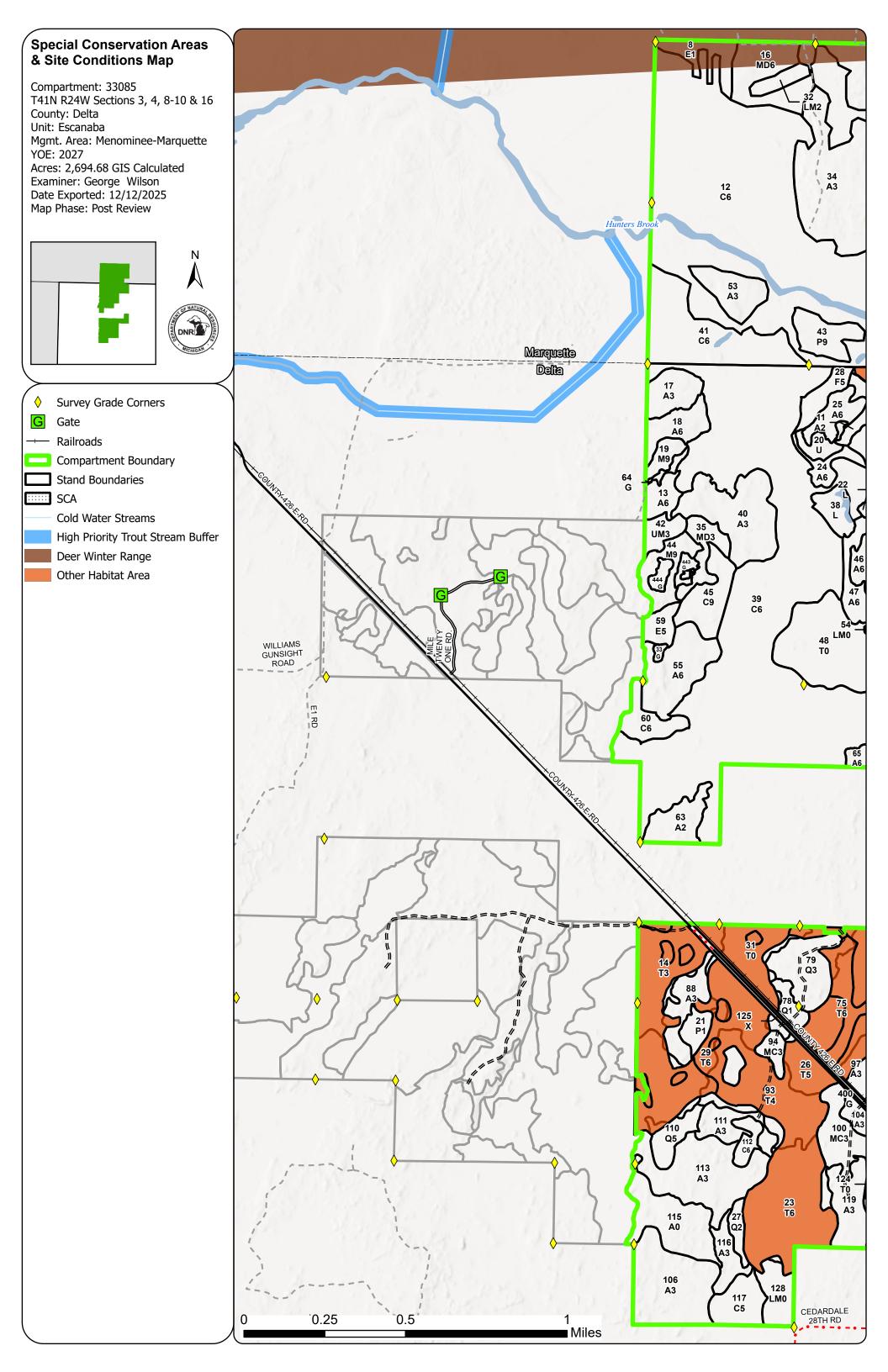


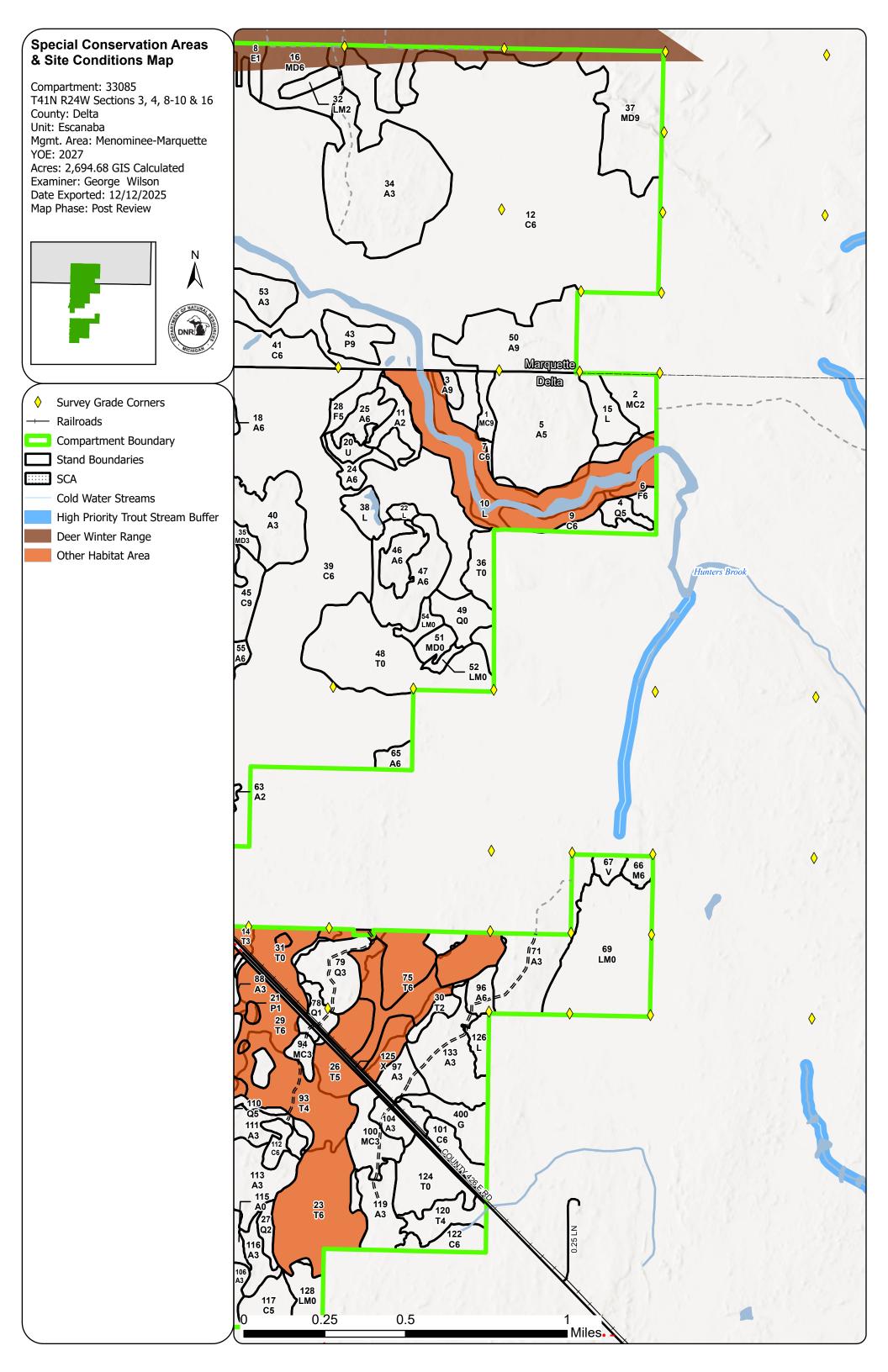












Escanaba Mgt. Unit George Wilson: Examiner



#### Age Class

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	¥oc		\$ \ <u>\$</u>					8/8	/ \$ / <sup>\$</sup>			8 / 8	70,					, 35 Sept	TO TO
Aspen	27	63	105	55	225	145	5	0	5	0	47	0	0	0	0	0	0	0	677
Bog	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Cedar	0	0	0	0	0	0	0	0	0	14	0	69	457	586	0	0	0	0	1125
Herbaceous Openland	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24
Lowland Aspen/Balsam Poplar	0	7	0	0	0	0	0	0	0	0	14	0	0	0	0	0	0	0	21
Lowland Conifers	13	0	7	5	26	0	0	10	0	0	0	0	6	0	0	0	0	0	67
Lowland Deciduous	0	0	0	0	0	12	0	0	0	7	0	0	0	0	0	0	0	0	19
Lowland Mixed Forest	91	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	97
Lowland Shrub	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48
Mixed Upland Deciduous	10	11	0	0	0	0	89	0	0	0	0	0	0	0	0	0	0	0	110
Northern Hardwood	0	0	0	0	0	0	0	0	0	12	5	0	0	0	0	0	0	5	22
Tamarack	117	0	0	0	0	7	0	189	66	14	0	0	0	0	0	0	0	0	393
Upland Conifers	0	0	0	0	41	0	0	0	0	0	0	0	0	6	0	0	0	0	47
Upland Mixed Forest	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	7
Upland Shrub	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Upland Spruce/Fir	0	0	0	0	8	0	0	0	0	9	0	0	0	0	0	0	0	0	17
Urban	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
Total	353	81	112	60	300	170	101	199	71	56	66	69	463	592	0	0	0	5	2696



## **Report 2 – Treatment Summary**

Escanaba Mgt. Unit Year of Entry: 2027

### **Acres of Harvest**

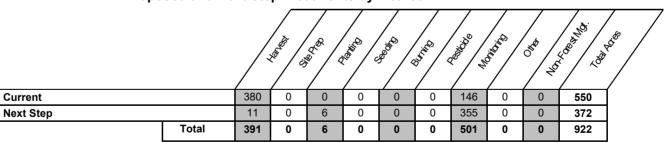
Compartment 85
Total Compartment Acres: 2,695

Commercial Harvest - 234 Harvests with Site Condition - 344 Next Step Harvest - 11 Habitat Cut - 88

## **Cover Type by Harvest Method**

	-											
		/ (					Sur	S. S	To the second of		No. No.	/ ***/
Aspen		96	0	0	0	0	0	0	0	0	96	ĺ
Lowland Aspen/Balsam Poplar		14	0	0	0	0	0	0	0	0	14	
Lowland Conifers		10	0	0	0	0	0	0	0	0	10	
Mixed Upland Deciduous		109	0	0	0	0	0	0	0	0	109	
Northern Hardwood		0	18	0	0	0	0	0	0	0	18	
Tamarack		129	0	0	0	0	0	0	0	0	129	
Upland Conifers		6	0	0	0	0	0	0	0	0	6	
	Total	363	18	0	0	0	0	0	0	0	380	

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



S t	t a		Report 3 Treatments					Compartmen Year of Entry	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
pos	ed Treatmen	ts:									
1	33085001-Cut	6.0	42380 - Non Pine Upland Conifer, Mixed Deciduous	9	122	111- 140	Harvest	Clearcut	4319 - Mixed Upland Forest	Planting Record	No
Pres Spe		ut: Harves	st all trees 3 inches a	nd greate	r. Leave	all cedar.					
Nex		ring, Natu	ral Regen (Re-Inven	tory)							
Acc Reg	<u>eptable</u> Aspen	maple, b	irch, cedar, fir								
Othe	<u>er</u> If open	ings are ι	used, they must be cl	eaned up	review	with WLD					
	nment: Condition: Unl	nown Ac	ness.								
	posed Start Date										
16	33085016-Cut	23.9	4190 - Mixed Upland Deciduous with Cedar	6	50	81-110	Harvest	Clearcut	4190 - Mixed Upland Deciduous with Cedar	Planting Record	No
Pres Spe		ut with ret to cedar.	ention: Cut all trees 3	3 inches a	nd large	r. Leave a	ll cedar. Leave 3	3-10% of the stan	nd for retention, esp	ecially in the	areas
	<u>tt Step</u> Monito atments:	ring, Natu	ral Regen (Re-Inven	tory)							
۸		Maple, B	irch, Fir, Spruce.								
Reg					ire thev	are clean	ed up. Review wi	ith WLD.No issue	se with stand rogan	oration are ex	vnootod
Reg Othe	<u>er</u> If open nment:	ings are ι	ised for this treatmen	ıı, make sı	are triey				s with stand regen	eration are ex	xpecieu.
Reg Othe Con		J		it, make si	are triey				s will stand regen	eration are e	xpected.
Reg Othe Con Site	nment:	nown Ac	cess	ii, make si	are they		·		s will stand regen	eration are ex	kpecieu.

Prescription Specs: Clearcut: Harvest all trees using 2 inch specifications. Leave all cedar and yellow birch. Stand is on the edge of needing retention. Winter harvest only due to access road being very wet.

If openings are used, they must be cleaned up; Review with WLD.Stand is not expected to have an issue regenerating.

Next Step Treatments:

Regen: Other

Comment:
Site Condition:

Acceptable Aspen, maple, birch

Proposed Start Date: 10/01/2026

Monitoring, Natural Regen (Re-Inventory)

Prescription Clearcut with Retention: Harvest all trees using 2 inch spec. Leave all cedar.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Aspen, maple, cedar, birch.

Regen:

Other Any openings used must be cleaned up, review with WLD.Buffer Hunters Brook 300 feet in the aspen.

Comment:

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

Site Condition:

Proposed Start Date: 10/01/2026

400 33085400-15.4 310 - Herbaceous 99 Openings Mgmt. Openings Mgmt. 310 -Previous Nο Openland Herbaceous Inventory Opening Openland

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

Next Step Treatments:

**Acceptable** Regen:

**Other** 

Comment:

Site Condition:

Proposed Start Date: 10/01/2025

Escanaba Mgt. Unit Report 3 -- Treatments Compartment: 33085 s Year of Entry: 2027 t 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 443 33085443-2.6 310 - Herbaceous 99 Openings Mgmt. Openings Mgmt. 310 -Previous No Openland Herbaceous Opening Inventory Openland Prescription Prescribed fire, farming (dozing, disking, raking, herbiciding, seeding (native or naturalized species only)), fertilizing and liming, brushhog/saw removal of competing trees and establishment of native hard and soft mast producers such as red oak, crabap Specs: Next Step Treatments: Acceptable Regen: Other Comment: Site Condition: Proposed Start Date: 10/01/2025 444 33085444-2.9 310 - Herbaceous 99 Openings Mgmt. Openings Mgmt. 310 -Previous No Openland Herbaceous Inventory Opening Openland Prescription Prescribed fire, farming (dozing, disking, raking, herbiciding, seeding (native or naturalized species only)), fertilizing and liming, brushhog/saw removal of competing trees and establishment of native hard and soft mast producers such as red oak, crabap Next Step

Treatments:

<u>Acceptable</u> Regen:

Other Comment:

Site Condition:

Proposed Start Date: 10/01/2025

#### **Approved Treatments:**

11 33085011-Cut 2 1-50 11.8 4134 - Aspen, Harvest Clearcut 4319 - Mixed **Planting** No **Upland Forest** Record Spruce/Fir

Prescription Cut all trees, leave retention areas in the heaviest cedar areas.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Spruce, Fir, Aspen, and Balm.

Regen:

Potentially combine this stand with stand 53 of compartment 87 in Gwinn. The retention areas are approximate, decide at time of sale prep Other

Comment: for exact locations and follow in-stand retention guide of 3-10%.

Site Condition: Deer Wintering Area Proposed Start Date: 10/01/2016

Escanaba Mgt. Unit Report 3 -- Treatments Compartment: 33085 s Year of Entry: 2027 t а **Treatment** Stand BA **Treatment Treatment** Cover Type Acres Stand Size Age Habitat n Name CoverType Density Age Range Type Method Objective Structure Cut d 19 33085019-Cut 5.7 4110 - Sugar Maple 81-110 Harvest Selection 411 - Northern Current No Association Hardwood Prescription Selection harvest; Retain approximately 60-70 BA throughout the stand. Create gaps to release sugar maple regeneration already in the Specs: stand. Mark heavier along the opening along the southern edge. Winter cut this stand and no chipping. Monitoring, Natural Regen (Re-Inventory); Planting, Underplant Next Step Treatments: Acceptable Northern Hardwood species mix. Regen: Other This stand was cut under the Twenty One Mile sale. Comment: Site Condition: Proposed Start Date: 10/01/2016 1-50 Monitoring -21 33085021-7.8 6111 - Lowland Monitoring 4319 - Mixed Nο Monitor Balsam Poplar Regeneration **Upland Forest** Prescription Specs: Next Step **Treatments:** Acceptable Aspen, Spruce, and Fir. Acceptable regeneration of Tamarack and mixed lowland deciduous species. Regen: Percent to Treat = 100% Other Comment: Site Condition: Proposed Start Date: 10/01/2030 33085031-17.3 6121 - Tamarack 1-50 Monitoring Monitoring -6121 - Tamarack No Monitor Regeneration **Prescription** Specs: Next Step **Treatments:** Acceptable Tamarack is expected with an acceptable alternate regeneration of spruce. Regen: Other Percent to Treat = 100% Comment:

Site Condition:

Proposed Start Date: 10/01/2030

11.2 4199 - Other Mixed 1-50 **Planting** 33085035-Cut 3 3 Harvest Clearcut 413 - Aspen Nο **Upland Deciduous** Record

Prescription Clearcut with retention; Cut all trees except leave retention in the areas of highest cedar volumes. This stand will be winter harvested to protect the openings. Cut the trees within the opening along with this stand and leave a 3 foot stump within the Specs:

Next Step Harvest, Clearcut with Retention **Treatments:** 

Acceptable Aspen, balm, maple, spruce, and fir.

Regen:

Other The retention areas are approximate. Decide at time of sale prep the exact location of retention areas and follow the in-stand retention

Comment: guides.

Site Condition: Deer Wintering Area Proposed Start Date: 10/01/2016

Escanaba Mgt. Unit Report 3 -- Treatments Compartment: 33085 S Year of Entry: 2027 t а **Treatment** Acres Stand Size Stand BA **Treatment Treatment Cover Type** Age Habitat n Method Objective Name CoverType Density Age Range Type Structure Cut d 36 33085036-Cut 9.4 6121 - Tamarack 1-50 Harvest Clearcut 6121 - Tamarack Planting No Record Prescription Cut all trees except leave retention along the western boundary for a seed source. Specs: Monitoring, Natural Regen (Re-Inventory) Next Step Treatments: Acceptable Tamarack. Regen: Other Comment: Site Condition: Proposed Start Date: 10/01/2016 6117 - Lowland 33085043.5\_C 6112 - Lowland 9 98 111-Harvest Clearcut Planting No 43 138 ut Aspen 140 Deciduous, Record Mixed Coniferous Prescription Final Harvest leaving cedar and hemlock if present. Specs: Next Step Treatments: Acceptable Regen: Other Access can be from the Escanaba Unit or crane mats over the creek in winter months. Old next step comments: monitor for regeneration Comment: Site Condition: Deer Wintering Area Proposed Start Date: 10/01/2014 33085048-Cut 3 1-50 53.6 6121 - Tamarack n Harvest Clearcut 6121 - Tamarack **Planting** No Record

Prescription Clearcut with retention; Cut all trees except leave a retention strip along the western boundary.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

**Treatments:** 

Acceptable Tamarack and black spruce. Acceptable alternate regeneration of spruce, fir, pine, and aspen.

Regen:

**Other** 

Comment:

Site Condition:

Proposed Start Date: 10/01/2016

S t		Escanaba	Mgt. Unit		Repoi	rt 3 <sup>-</sup>	Treatments		Compartment Year of Entry		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	Habita Cut
49	33085049-Cut	9.8 C	6129 - Mixed oniferous Lowland Forest	0	3	1-50	Harvest	Clearcut	6129 - Mixed Coniferous Lowland Forest	Planting Record	No
Prese		ıt with reter	ntion; Cut all trees	except lea	ve reter	ntion area	s in the heaviest	cedar patches ca	pturing some of the	e tamarack f	or seed.
	<u>Step</u> Monitor tments:	ing, Natura	ıl Regen (Re-Invent	ory)							
Acce Rege		, Tamarack	x, and balsam fir. A	cceptable	regene	ration of r	mixed lowland de	eciduous species.			
Othe Com	r The ret ment:	ention area	s are approximate.	Follow in	-stand r	etention o	guidelines.				
	Condition:	10/01/20	16								
<u> </u>	osed Start Date 33085051-Cut	8.1	4191 - Mixed	0	3	1-50	Harvest	Clearcut	413 - Aspen	Planting	No
		L	Jpland Deciduous with Conifer							Record	
Preso		ıt with reter	ntion; Cut all trees	except lea	ve reter	ntion in the	e heaviest cedar	areas.			
	<u>Step</u> Monitor tments:	ing, Natura	ıl Regen (Re-Invent	ory)							
Acce Rege		Spruce/Fir	, mixed deciduous s	species.							
Othe Com	<u>r                                    </u>	ention area	s are approximate.	Follow in	-stand r	etention g	guidelines.				
Site	Condition:										
Prop	osed Start Date	10/01/20	16								
69	33085069- Monitor	68.1	613 - Lowland Mixed Forest	0	1		Monitoring	Monitoring - Regeneration	6121 - Tamarack		No
Pres Spec	cription s:										
	Step ments:										
Acce Rege	<u>ptable</u> Tamara en:	ack and bla	ck spruce.								
<u>Othe</u>	<u>r</u> Percen ment:	t to Treat =	100%								
Com	Condition:										
	oridition.										
Site (	osed Start Date	10/01/20	30					Monitoring -	440 4		
Site		10.8	30 4139 - Aspen, Mixed Deciduous	3	4	1-50	Monitoring	Regeneration	413 - Aspen		No
Prop. 97 Pres	33085097- Monitor	10.8	4139 - Aspen,	3	4	1-50	Monitoring		413 - Aspen		No
97 Press Spec	33085097- Monitor	10.8	4139 - Aspen,	3	4	1-50	Monitoring		413 - Aspen		No
97 Presesspector Next	33085097- Monitor cription s: Step tments: ptable Aspen,	10.8	4139 - Aspen, Mixed Deciduous	3	4	1-50	Monitoring		413 - Aspen		No

Proposed Start Date: 10/01/2030

Site Condition:

s			Escanaba	Mgt. Unit		Repoi	t 3 '	Treatments		Compartment Year of Entry		DNR
t a												MICHIGAN N
n d	Treatn Nam		Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
115	33089 Mon		28.0	4130 - Aspen	0	1		Monitoring	Monitoring - Regeneration	413 - Aspen		No
Pres Spec	cription cs:											
	Step tments:											
Acce Rege		Aspen	, maple, spr	uce and fir.								
Othe Com	e <u>r</u> iment:	Percer	nt to Treat =	100%								
Site	Conditio	<u>1:</u>										
Prop	osed Sta	rt Date	<u>:</u> 10/01/20:	30								
124	33089 Mon		13.9	6121 - Tamarack	0	5	1-50	Monitoring	Monitoring - Regeneration	6121 - Tamarack		No
Pres Spec	cription cs:											
	Step_ tments:											
Acce Rege		Tamar	ack and spr	uce.								
Othe Com	<u>er</u> iment:	Percer	nt to Treat =	100%								
Site	Conditio	<u>1:</u>										
Prop	osed Sta	rt Date	<u>:</u> 10/01/20	30								

Total Treatment Acreage Proposed: 549.9

## **Report 4 – Site Conditions**

Escanaba Mgt. Unit

George Wilson: Examiner

Compartment: 85 Year of Entry: 2027



**Availability for Management** 

Total	Acres	Acres Avail	Acres	D	omina	nt Site	Cond	lition	s	
Acres	Available	With Condition	Not Available		2B	2H	3H	3J	5D	5E
668	540	116	12	Aspen	116	5		5		2
4	4	0	0	Bog						
1117	11	0	1106	Cedar			1,106			
24	24	0	0	Herbaceous Openland						
21	21	0	0	Lowland Aspen/Balsam Poplar						
57	48	0	8	Lowland Conifers		6				2
18	18	0	0	Lowland Deciduous						
96	96	0	0	Lowland Mixed Forest						
48	48	0	0	Lowland Shrub						
90	0	89	1	Mixed Upland Deciduous	89					1
23	23	0	0	Northern Hardwood						
313	283	0	30	Tamarack					13	17
46	26	21	0	Upland Conifers	21					
7	7	0	0	Upland Mixed Forest						
6	6	0	0	Upland Shrub						
17	8	0	9	Upland Spruce/Fir		9				
12	13	0	0	Urban						
2,568	1,177	226	1,165	Total Forested Acres	226	20	1,106	5	13	22
	46%	9%	45%	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 Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
Unavailable	5D: Unproductive forest land	13	Unspecified	Unspecified	Unspecified	Unspecified
Comments:						
		Unavailable 5D: Unproductive forest land	Cond Availability Dominant Site Condition Acres  Unavailable 5D: Unproductive forest land	Cond Availability Dominant Site Condition Acres Other Site Condition  Unavailable 5D: Unproductive forest 13 Unspecified land	Cond Availability         Dominant Site Condition         Acres         Other Site Condition         Other Site Condition           Unavailable         5D: Unproductive forest land         13         Unspecified         Unspecified	Cond Availability         Dominant Site Condition         Acres         Other Site Condition         Other Site Condition         Other Site Condition         Other Site Condition           Unavailable         5D: Unproductive forest land         13         Unspecified         Unspecified         Unspecified

# **Report 4 – Site Conditions**

Escanaba Mgt. Unit George Wilson: Examiner



2	Available	2B: Unknown if access through adjacent landowner(s) is possible	6	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
3	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	5	2B: Unknown if access through adjacent landowner(s) is possible	Unspecified	Unspecified	Unspecified
	Comments: The majority of this	stand is within the 300 foot buf	fer alor	ng the Hunters Brook type 1	stream.		
4	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	6	2B: Unknown if access through adjacent landowner(s) is possible	Unspecified	Unspecified	Unspecified
	Comments: Stand within the Hu	nters Brook riparian corridor.					
5	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	9	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Stand within the Hu	nters Brook riparian corridor.					
7	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:						
14/0	7/2025 8:50:54 AM   Dage	2.066					HEINTZEI MANC

## Report 4 - Site Conditions

# Escanaba Mgt. Unit George Wilson: Examiner

Compartment: 85
Year of Entry: 2027



Unspecified Unspecified Unspecified Unspecified 8 **Available** 2B: Unknown if access 15 through adjacent landowner(s) is possible **Comments:** Unspecified Unspecified Unspecified Unspecified 9 Unavailable 5E: Long-Term Retention 9 Comments: This is an approximate area of retention for this stand. Unspecified Unspecified Unspecified 10 Unavailable 5E: Long-Term Retention 7 Unspecified **Comments:** This area is an approximate area for long term retention for this stand. Unspecified Unspecified Unspecified 11 3H: Deer Wintering Area -Unspecified Unavailable 475 habitat is incompatible with harvest at this time **Comments:** High amount of northern white cedar. Lack of treatment due to Deer Winter Range Guidelines. Unspecified Unspecified Unspecified 12 Unavailable 3H: Deer Wintering Area -578 Unspecified habitat is incompatible with harvest at this time **Comments:** Near the deer yard. There was discussion on if harvesting should occur in this stand. I was determined to not harvest at this time. Unspecified Unspecified Unspecified 13 Unavailable 5E: Long-Term Retention 1 Unspecified **Comments:** 

# **Report 4 – Site Conditions**

Escanaba Mgt. Unit George Wilson: Examiner



Comments:  15 Unavailable 5E: Long-Term Retention 2 Unspecified Un	Long-Term Retention 1 Unspecified Unspecified Unspecified Unspecified  : Unknown if access through adjacent downer(s) is possible  47 Unspecified Unsp	14	Available	2B: Unknown if access through adjacent landowner(s) is possible	24	Unspecified	Unspecified	Unspecified	Unspecified
Comments:  16 Unavailable 5E: Long-Term Retention 1 Unspecified Unspecified Unspecified  Comments:  17 Available 2B: Unknown if access through adjacent landowner(s) is possible  Comments:  18 Available 2B: Unknown if access through adjacent landowner(s) is possible  Unspecified Unspecified Unspecified Unspecified Unspecified Unspecified Unspecified	Long-Term Retention 1 Unspecified Unspecified Unspecified Unspecified  : Unknown if access through adjacent downer(s) is possible  47 Unspecified Unsp	C	comments:						
16 Unavailable 5E: Long-Term Retention 1 Unspecified Unspecified Unspecified  Comments:  17 Available 2B: Unknown if access through adjacent landowner(s) is possible  Comments:  18 Available 2B: Unknown if access through adjacent landowner(s) is possible  Unspecified Un	: Unknown if access 65 2I: Survey needed Unspecified Unspecified Unspecified Unspecified downer(s) is possible  : Unknown if access 47 Unspecified Uns	15	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:  17 Available 2B: Unknown if access through adjacent landowner(s) is possible  Comments:  18 Available 2B: Unknown if access through adjacent landowner(s) is possible  Unspecified Unspecif	: Unknown if access 65 2l: Survey needed Unspecified Unspecified Unspecified Unspecified Unspecified Unspecified  : Unknown if access 47 Unspecified U	C	comments:						
17 Available 2B: Unknown if access through adjacent landowner(s) is possible  Comments:  18 Available 2B: Unknown if access through adjacent landowner(s) is possible  47 Unspecified Unsp	through adjacent downer(s) is possible  : Unknown if access 47 Unspecified Unspecified Unspecified through adjacent downer(s) is possible	16	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
through adjacent landowner(s) is possible  Comments:  18 Available 2B: Unknown if access 47 Unspecified Unspecified through adjacent landowner(s) is possible	through adjacent downer(s) is possible  : Unknown if access 47 Unspecified Unspecified Unspecified through adjacent downer(s) is possible	C	comments:						
18 <b>Available 2B: Unknown if access</b> 47 Unspecified Un	through adjacent downer(s) is possible	17	Available	through adjacent	65	2I: Survey needed	Unspecified	Unspecified	Unspecified
through adjacent landowner(s) is possible	through adjacent downer(s) is possible	C	comments:						
Comments:	Long-Term Retention 0 Unspecified Unspecified Unspecified Unspecified	18	Available	through adjacent	47	Unspecified	Unspecified	Unspecified	Unspecified
	Long-Term Retention 0 Unspecified Unspecified Unspecified Unspecified	C	comments:						
19 Unavailable 5E: Long-Term Retention 0 Unspecified Unspecified Unspecified		19	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments:		C	comments:						

# **Report 4 – Site Conditions**

Escanaba Mgt. Unit George Wilson: Examiner



20	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	6	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
21	Available	2B: Unknown if access through adjacent landowner(s) is possible	69	3J: Water quality/BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
(	Comments:						
22	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
23	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
24	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
29	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
30	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
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# Report 4 - Site Conditions

Escanaba Mgt. Unit George Wilson: Examiner



32	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:		<u> </u>			2007-2002	5.00
34	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
35	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
41	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
42	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						

Escanaba Mgt. Unit Compartment: 085
Year of Entry: 2027

## 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
Hunters Brook Riparian Corridor	Habitat Area or Habitat Corridor	Other Habitat Area	SCA	86
Comments				
Riparian corridor and strean added a Habitat Area Corrid	n protection buffer along Hunter's br lor.	ook. Previously small sections	of Potential Old Growth removed	and



Stan	d Level 4 C	over Type		Size De	nsity	Acres	Stand Age B	A Range	Managed S	iite	General Comments
1	42380 - Non Pine U Dec	Jpland Con iduous	ifer, Mixed	Sawtimb	er Well	6.0	122	111-140	N/A	<b>A</b>	2025: Remote call due to stand access. Refer to previous stand notes. Sliver of over mature timber within stand 7. This stand
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	adjoins stand 54 to the north in Gwinn. Dead and dying balsam and spruce. Appears to be some spruce budworm damage. Trace
	Paper Birch	5	Pole	9		Whit	te Spruce	Low	< 5 feet	< 5 feet	amount of white pine within the stand.
	Quaking Aspen	25	Log/Pole	10	88	Blac	k Spruce	Low	< 5 feet	< 5 feet	'
	Balsam Poplar	5	Pole	9		Ва	lsam Fir	Medium	Variable	Variable	
	Balsam Fir	20	Pole	9				,			-
	White Spruce	5	Log/Pole	10							
	Black Spruce	10	Log/Pole	10							
2	429 - Mixed L	Jpland Cor	nifers S	Sapling N	/ledium	14.6	35	1-50	N/A	Λ.	2025: Remote call for this stand due to private land and river blocking
	Canopy Species			Age	Sub-Cai	nopy Species	Density	Avg. Height	Size	access. Stand notes indicate spruce and fir stand.Treated in 1990 under contract 33-03-87-01 (Boney Falls Aspen). Small pocket	
	Red Maple				Ва	lsam Fir	Low	< 5 feet	< 5 feet	in northwest portion of stand that was treated with a removal cut of	
	Paper Birch				Whit	te Spruce	Low	< 5 feet	< 5 feet	shorter lived species (used previous oi data for reference).	
	Quaking Aspen	15	Pole/Sapling	5							☐ Raspberries and brambles in open areas. Filling in with spruce, fir, pine.
	Balsam Poplar	9	Pole/Sapling	5							pine.
	Balsam Fir	18	Sapling	3							
	White Spruce	25	Sapling	3	35						
	White Pine	18	Sapling	3							
	Hemlock	5	Pole	9							
3	4136 - Aspen	, Mixed Co	onifer S	Sawtimb	er Well	4.8	70	81-110	N/A	١	2025: Stand was remote called. Access is blocked by river and cedar
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Cai	nopy Species	Density	Avg. Height	Size	swamp.SCA- Riparian corridor along the hunters brook stream. Type 1 cold transitional stream providing water quality and
	Paper Birch	25	Pole	8		Wh	ite Pine	Low	< 5 feet	< 5 feet	stream protection.
	Quaking Aspen	45	Pole/Log	9	70	Ва	lsam Fir	Low	5 - 10 feet	5 - 10 feet	
	Balsam Fir	10	Pole	9		Whit	e Spruce	Low	< 5 feet	< 5 feet	
	Black Spruce	5	Log/Pole	10				-		1	
No	orthern White Cedar	10	Log/Pole	10							
	White Pine	5	XLog/Log	18							
4	6129 - Mixed Conif	erous Lowl	and Forest Po	oletimber	Mediur	m 6.2	116	81-110	N/A	١	2025: Remote call due to stand access. Refer to previous stand
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	notes.SCA- riparian corridor along the Hunters Brook. Some portion of the stand appears to be previously cut. No cutting record.
	Balsam Poplar	5	Pole/Sapling	7		Та	g Alder	High	5 - 10 feet	5 - 10 feet	The second age is estimated.
	Balsam Fir	10	Pole/Sapling	7		Ва	lsam Fir	Low	5 - 10 feet	5 - 10 feet	
	Black Spruce	30	Pole	8		Та	marack	Low	5 - 10 feet	5 - 10 feet	
No	orthern White Cedar	35	Log/Pole	10	116	Blac	k Spruce	Low	5 - 10 feet	5 - 10 feet	

Tamarack

20

8

Pole



nd l	Level 4 Co	ver Type		Size De	nsity	Acres Stand Age B	A Range	Managed S	Site	General Comments				
}	4130 -	Aspen	Ро	letimber	Medium	68.6 35	51-80	N/A	4	2025: Remote call for this stand due to wet access and river. Sta				
Canopy S	pecies	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	notes indicate good aspen regeneration.Teated in 1990 under permit # 33-03-87-01(Boney Falls Aspen). Coming into a 4-5 inc				
White A	sh	5	Log	12		Balsam Fir	Low	Variable	Variable	pole stand now. Some open areas and pocket of hardwood. In				
Quaking A	spen	90	Pole	5	35		,			northwest portion is a removal cut area. Used OI data in this ar				
Balsam P	oplar	5	Sapling/Pole	4										
; 42	340 - Uplai	nd Spruce	/Fir F	Poletimb	er Well	8.9 82	81-110	N/A	<b>\</b>	2025: Remote call for this stand due to private land and river blo				
Canopy S	pecies	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	access. Stand notes indicate spruce stand with deciduous component.SCA riparian area corridor along the hunters				
Red Ma	ple	10	Pole	8		Red Maple	Low	< 5 feet	< 5 feet	brook.				
Paper Bi	rch	25	Pole	8		Black Spruce	Low	< 5 feet	< 5 feet					
Balsam	Fir	10	Pole	8		Balsam Fir	Low	5 - 10 feet	5 - 10 feet					
Black Spi	uce	50	Pole	8	82									
Tamara	ck	5	Pole	8										
,	6120 - Low	land Ceda	ar F	Poletimb	er Well	42.1 116	111-140	N/A	<b>A</b>	2025: Typical cedar swamp along Hunters Brook.SCA -				
Canopy S	pecies	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	Hunters Brook riparian corridor.				
Red Ma		5	Pole/Log	9		White Spruce	Low	Variable	Variable					
Paper Bi	rch	5	Log/Pole	10		Balsam Fir	High	10 - 20 feet	10 - 20 feet					
Quaking A	spen	5	Pole	9					1					
Balsam P	oplar	5	Pole	9										
Balsam	Fir	5	Pole	8										
White Sp	ruce	5	Log/Pole	10										
Northern Whi	te Cedar	65	Pole/Log	9										
Black A	sh	5	Pole	8										
6118 - L	owland De	ciduous w	ith Cedar	Sapling	Poor	11.7 45	1-50	N/A	<b>\</b>	2025: Mixed cedar, paper birch, and aspen stand. Stand could l				
Canopy S	Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	harvested next entry. Smaller diameters for the timber here.cedar strips cut in the 80's. There is cedar in the over				
Red Ma		20	Pole	8	45	Balsam Fir	Low	Variable	Variable	story where left for seed source. The is ash, maple, aspen				
Paper Bi	rch	20	Pole	6	45	Black Spruce	Low	Variable	Variable	raspberries, spruce and fir in the understory - brushy from old b				
Quaking A	spen	20	Pole	8	45	Quaking Aspen	Low	Variable	Variable	Did not notice new browse from this year. Because of the amous snow i am not sure if there are smaller saplings under the snow				
Black Spi		20	Pole	8	45	Red Maple	Low	Variable	Variable	show rain not sure it there are smaller sapilitys under the show				
Northern Whi	te Cedar	20	Pole	9	45	Paper Birch	Low	Variable	Variable					
						Tag Alder	Low	Variable	Variable					
	6120 - Low	land Ceda	ar F	Poletimb	er Well	16.5 116	141-170	N/A	<b>A</b>	2025: Remote call due to difficult access. Stand notes indicate				
Canopy S	pecies	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	typical cedar stand.SCA- riparian corridor along the hunters brook.				
Paper Bi		5	Pole	8		Tag Alder	Low	5 - 10 feet	5 - 10 feet	, s.				
Balsam	Fir	5	Pole	7		Black Spruce	Low	5 - 10 feet	5 - 10 feet					
Black Spi	uce	5	Pole	8						_				
Northern Whi	te Cedar	85	Log/Pole	10	116									
		and Shrub		Nor		18.7		No		2025: Hunters Brook RMZ.Hunter Brook and surrounding low				

DNR DNR

Stand	Level 4 C	over Type		Size D	ensity	Acres	Stand Age E	BA Range	Managed Sit	te	General Comments
11	4134 - Aspe	en, Spruce/	Fir :	Sapling	Medium	11.2	5	1-50	N/A		2025: Stand is regenerating moderately well. Regen is aspen, alder,
	Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	spruce, and fir.Over-mature stand of timber. Scattered clumps and individual Cedar throughout the stand. This stand was
	Quaking Aspen	40	Sapling	1	5	Whi	te Spruce	Medium	< 5 feet	< 5 feet	broken out from the larger C stand to the east.
	Balsam Poplar	25	Sapling	1	5	Ва	lsam Fir	Medium	< 5 feet	< 5 feet	
	Balsam Fir	15	Sapling	1	5						_
	White Spruce	20	Sapling	1	5						
12			Poletim	per Well	585.6	122	141-170	N/A		2025: Cedar stand with some blow down areas. Component of fir,	
	Canopy Species			DBI	H Age						spruce, and birch. Stand is mainly a pole sized cedar stand with areas of almost pure cedar (1-0 acre patches). Blow down is occurring
	Red Maple 5 Pole/Log		8							in areas where the larger diameter cedar and spruce are present.	
	Paper Birch         5         Pole         9           Quaking Aspen         5         Log/Pole         1           Balsam Fir         5         Pole         9           Black Spruce         5         Pole         7           Northern White Cedar         70         Pole/Log         9		9						These areas are mainly on the outer edge of the stand and not the		
			10							interior. All of the species present, except for the cedar are at maturaty and ready for harvest, however cedar would need to be cut	
			9							for operability. The spruce and fir show some signs of flagging from	
			7							budworm but it is not heavy at this time. In the open areas there are	
No			9						some young fir coming in 5 to 10' tall, there is some tag alder, willow and black ash in the stand but patchy and very small amounts.		
			10							and black asn in the stand but patchy and very small amounts.	
13	4130	- Aspen		Poletim	oer Well	7.6	36	51-80	N/A		2025: Nice aspen stand with maple and spruce component. Should be
	Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Canopy Species		Density	Avg. Height	Size	ready to cut the next 2 entries. Treated in 1989 under permit #11- 07-01 (Hendricks Mile 21 Aspen). Nice aspen stand with low areas
	Sugar Maple	5		8			te Spruce	High	5 - 10 feet	5 - 10 feet	containing balm and ash in understory.
	Quaking Aspen	75		8	36	Ta	ag Alder	Low	5 - 10 feet	5 - 10 feet	
	Balsam Poplar	10		7		Ва	lsam Fir	High	5 - 10 feet	5 - 10 feet	
	Balsam Fir	5	Sapling	4		Bla	ack Ash	Medium	< 5 feet	< 5 feet	
	White Spruce	5	Sapling/Pole	e 4							
14	6121 -	Tamarack		Saplin	g Well	34.3	60	1-50	N/A		2025: Tamarack stand with variable sizes and densities. Average of
	Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	ninches dbh.Stand has a lot of tamarack seedlings coming in. This stand is part of a large tamarack swamp /treed bog complex tha
	Balsam Fir	5	Sapling/Pole	e 3		Blac	ck Spruce	Low	< 5 feet	< 5 feet	was designated a special conservation area with forest stands allowe
	Black Spruce	15	Pole	5		Ва	Isam Fir	Low	5 - 10 feet	5 - 10 feet	to age, experience natural processes of aging and regeneration, and
No	rthern White Cedar	5	Pole	8		Ta	marack	Medium	5 - 10 feet	5 - 10 feet	serve as wildlife habitat to species adapted to these conditions. A couple of islands of mature aspen and balsam fir in north part of
	Tamarack	75	Sapling/Pole	e 4	60	Wil	llow spp.	Low	5 - 10 feet	5 - 10 feet	stand.
					<del></del>	Ta	ag Alder	Medium	5 - 10 feet	5 - 10 feet	
						Red Os	sier Dogwood	Low	5 - 10 feet	5 - 10 feet	
15	622 - Lov	vland Shrub	)	No	ne	12.2			No	-	2025: Remote call due to difficult access, previous stand notes indicate wetland alder mix.Lowland, tag alder, wet. Some of the higher areas contain some balm. Some portion was treated in 1990 under permit 33-03-87-1 (Boney Falls Aspen). Did not regenerate well at all.



Stand	Level 4 C	over Type	S	Size De	nsity	Acres S	Stand Age B	A Range	Managed Sit	te	General Comments
16	4190 - Mixed Upla Co	and Deciduc edar	ous with Po	oletimb	er Well	23.9	50	81-110	N/A		2025: Mixed aspen stand with spruce and cedar. Mix of lowland and upland. Stand should be treated this entry. Over mature stand,
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Cand	py Species	Density	Avg. Height	Size	there is more cedar on the East side of the road - if no cut cedar some of the area could be the retention patch.
	Red Maple	5	Pole	7		Balsa	am Fir	Low	>20 feet	>20 feet	of the area could be the retention paton.
	Quaking Aspen	35	Log	10	50						-
	Balsam Poplar	20		9							
	Balsam Fir	10		10							
	White Spruce	5	Pole	7							
No	rthern White Cedar	20	Pole	7	92						
17			;	Sapling Well		12.6 16 I		mmature	N/A		2025: Very nice aspen regeneration. There is a cedar and paper birch
			Size Class	DBH	l Age	Sub-Canopy Species		Density	Avg. Height	Size	component.This was cut under the Twenty one Mile Sale. Residual cedar throughout.
	Quaking Aspen 80 Sapling/Po		Sapling/Pole	2	16	White	Spruce	High	< 5 feet	< 5 feet	residual cedal tilloughout.
	Balsam Poplar 5			2		Red	Maple	Low	< 5 feet	< 5 feet	
No	orthern White Cedar 5 Pole		Pole	8		Balsa	am Fir	High	< 5 feet	< 5 feet	
	White Pine 5 XLog		XLog	18		Quakin	Quaking Aspen		< 5 feet	< 5 feet	
	Red Pine 5 XLog  Red Pine 5 Log		Log	14		Balsam Poplar		High	< 5 feet	< 5 feet	
18	4130	- Aspen	Po	oletimb	er Well			1-50			2025: Very nice stand of 8-10 inch aspen. This stand should be
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Cand	opy Species	Density	Avg. Height	Size	treated next entry.Nice stand of young aspen, treated back in the late 80's. Lower areas with balm, balsam, and spruce in the
	Bigtooth Aspen	80		8	36	Sugai	r Maple	Medium	< 5 feet	< 5 feet	understory.
	Balsam Poplar	10	Pole/Sapling	6							
	Balsam Fir	5	Sapling/Pole	4							
	White Spruce	5	Sapling/Pole	4							
19	White Spruce 4110 - Sugar M		Sapling/Pole		er Well	5.4	90	81-110	N/A		2025: This stand is higher quality hardwoods. There is spotty sugar
19	'	laple Assoc	Sapling/Pole	awtimb	er Well		90 opy Species	81-110 <b>Density</b>	N/A Avg. Height	Size	naple regeneration but alot of Ironwood and white ash regen. High
19	4110 - Sugar M	laple Assoc	Sapling/Pole	awtimb		Sub-Cano				Size < 5 feet	maple regeneration but alot of Ironwood and white ash regen. High levels of deer browse. This stand was unit 3 of the twenty one mile sale. Nice hardwood stand, lots of sugar maple regeneration in
19	4110 - Sugar M	laple Assoc	Sapling/Pole siation Sa Size Class	awtimb DBH	I Age	Sub-Cand Whit	opy Species	Density	Avg. Height		maple regeneration but alot of Ironwood and white ash regen. High levels of deer browse. This stand was unit 3 of the twenty one mile sale. Nice hardwood stand, lots of sugar maple regeneration in the understory. Deer are browsing heavily. Ironwood regeneration
19	4110 - Sugar M Canopy Species Sugar Maple	laple Assoc	Sapling/Pole siation Sa Size Class Log	awtimb DBH	I Age	Sub-Cand Whit Sugar	opy Species te Ash	<b>Density</b> High	Avg. Height < 5 feet	< 5 feet	maple regeneration but alot of Ironwood and white ash regen. High levels of deer browse. This stand was unit 3 of the twenty one mile sale. Nice hardwood stand, lots of sugar maple regeneration in
19	4110 - Sugar M Canopy Species Sugar Maple Basswood	Maple Associated Services 85	Sapling/Pole siation Sa Size Class Log Log	DBH 12	I Age	Sub-Cand Whit Sugar Be	ppy Species te Ash r Maple	Density High Medium	Avg. Height < 5 feet < 5 feet	< 5 feet < 5 feet	maple regeneration but alot of Ironwood and white ash regen. High levels of deer browse. This stand was unit 3 of the twenty one mile sale. Nice hardwood stand, lots of sugar maple regeneration in the understory. Deer are browsing heavily. Ironwood regeneration
19	4110 - Sugar M Canopy Species Sugar Maple Basswood	Maple Associated Services 85	Sapling/Pole siation Sa Size Class Log Log	DBH 12	I Age	Sub-Cand Whit Sugar Be White	ppy Species te Ash r Maple eech	Density High Medium Low	Avg. Height < 5 feet < 5 feet < 5 feet	< 5 feet < 5 feet < 5 feet	maple regeneration but alot of Ironwood and white ash regen. High levels of deer browse. This stand was unit 3 of the twenty one mile sale. Nice hardwood stand, lots of sugar maple regeneration in the understory. Deer are browsing heavily. Ironwood regeneration
19	4110 - Sugar M Canopy Species Sugar Maple Basswood	Maple Associated Services 85	Sapling/Pole siation Sa Size Class Log Log	DBH 12	I Age	Sub-Cand White Sugar Be White Bals	ppy Species te Ash r Maple eech Spruce	Density High Medium Low Low	Avg. Height < 5 feet	< 5 feet < 5 feet < 5 feet < 5 feet	maple regeneration but alot of Ironwood and white ash regen. High levels of deer browse. This stand was unit 3 of the twenty one mile sale. Nice hardwood stand, lots of sugar maple regeneration in the understory. Deer are browsing heavily. Ironwood regeneration
	4110 - Sugar M Canopy Species Sugar Maple Basswood White Ash	Maple Associated Services 85	Sapling/Pole siation Sa Size Class Log Log	DBH 12	90 90	Sub-Cand White Sugar Be White Bals	ppy Species te Ash r Maple eech Spruce am Fir	Density High Medium Low Low Low	Avg. Height	< 5 feet < 5 feet < 5 feet < 5 feet < 5 feet	maple regeneration but alot of Ironwood and white ash regen. High levels of deer browse. This stand was unit 3 of the twenty one mile sale. Nice hardwood stand, lots of sugar maple regeneration in the understory. Deer are browsing heavily. Ironwood regeneration heavy as well.  2025: Stand is mainly scattered fir and spruce. Low
	4110 - Sugar M Canopy Species Sugar Maple Basswood White Ash		Sapling/Pole siation Sa Size Class Log Log	DBH 12 12 12	90 90	Sub-Cand White Sugar Be White Balsa Iron	ppy Species te Ash r Maple eech Spruce am Fir	Density High Medium Low Low Low	Avg. Height	< 5 feet < 5 feet < 5 feet < 5 feet < 5 feet	maple regeneration but alot of Ironwood and white ash regen. High levels of deer browse. This stand was unit 3 of the twenty one mile sale. Nice hardwood stand, lots of sugar maple regeneration in the understory. Deer are browsing heavily. Ironwood regeneration heavy as well.  2025: Stand is mainly scattered fir and spruce. Low stocking. Treated in 1992 under permit 14-90-01 (Forgotten
	4110 - Sugar M Canopy Species Sugar Maple Basswood White Ash		Sapling/Pole siation Sa Size Class Log Log	DBH 12 12 12	90 90	Sub-Cand White Sugai Be White Balsi Iron 5.6 Sub-Cand	ppy Species te Ash r Maple eech Spruce am Fir	Density High Medium Low Low Low High	Avg. Height	< 5 feet < 5 feet < 5 feet < 5 feet < 5 feet < 5 feet 5 - 10 feet	maple regeneration but alot of Ironwood and white ash regen. High levels of deer browse. This stand was unit 3 of the twenty one mile sale. Nice hardwood stand, lots of sugar maple regeneration in the understory. Deer are browsing heavily. Ironwood regeneration heavy as well.  2025: Stand is mainly scattered fir and spruce. Low
19	4110 - Sugar M Canopy Species Sugar Maple Basswood White Ash		Sapling/Pole siation Sa Size Class Log Log	DBH 12 12 12	90 90	Sub-Cand White Sugar Be White Balss Iron 5.6 Sub-Cand	ppy Species te Ash r Maple eech Spruce am Fir wood	Density High Medium Low Low Low High Density	Avg. Height	< 5 feet < 5 feet < 5 feet < 5 feet < 5 feet < 5 feet 5 - 10 feet	maple regeneration but alot of Ironwood and white ash regen. High levels of deer browse. This stand was unit 3 of the twenty one mile sale. Nice hardwood stand, lots of sugar maple regeneration in the understory. Deer are browsing heavily. Ironwood regeneration heavy as well.  2025: Stand is mainly scattered fir and spruce. Low stocking. Treated in 1992 under permit 14-90-01 (Forgotten



Stand	Level 4 Co	over Type	;	Size De	nsity	Acres	Stand Age B	A Range	Managed	Site	General Comments						
21	6111 - Lowland	d Balsam F	Poplar	Sapling	Poor	7.3	4	1-50	N/	A	2025: Very patchy regeneration. The regeneration is mainly balsam Poplar, black spruce, and fir.Pockets of old aspen with balsam						
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	and spruce. Lowland areas between these overmature islands of						
	Paper Birch	5	Sapling	3		Whi	te Spruce	Low	Variable	Variable	timber with spruce, some cedar, and trees and shrubs.						
	Balsam Poplar	80	Sapling	1	4	Blad	ck Spruce	Medium	5 - 10 feet	5 - 10 feet							
	Balsam Fir	5	Sapling/Pole	1	4	Ta	ag Alder	High	5 - 10 feet	5 - 10 feet							
	Black Spruce	5	Sapling/Pole		4	Вι	uckthorn	Low	5 - 10 feet	5 - 10 feet							
Nor	rthern White Cedar	5	Pole	8		Ва	lsam Fir	Low	Variable	Variable							
						Ta	amarack	Low	5 - 10 feet	5 - 10 feet							
22	6229 - Mixed	Lowland S	hrub	Nor	ne	2.5			N	0							
						Sub-Ca	nopy Species	Density	Avg. Height	Size							
							Alder	Medium	5 - 10 feet	5 - 10 feet							
						Blad	ck Spruce	Trace	>20 feet	>20 feet							
23				Poletimber Well		oletimber Well		oletimber Well		oletimber Well		53.3	65	1-50	N/	A	2025: Nice tamarack stand. Diameter is still a bit small but could be treated next 2 entries. Tamarack is seeding in and starting to
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	fill in this area. This stand was a part of a large tamarack swamp						
	Paper Birch	5	Pole	7		Ta	ag Alder	High	5 - 10 feet	5 - 10 feet	/treed bog complex that has been previously designated a special						
	Balsam Fir	5	Pole	6		Ta	amarack	Medium	10 - 20 feet	10 - 20 feet	conservation area where forest stands were allowed to age, experience natural processes of aging and regeneration, and serve as						
	Black Spruce	10	Pole/Sapling	5		Blad	ck Spruce	Low	< 5 feet	< 5 feet	wildlife habitat to species adapted to these conditions. Couple of						
Nor	rthern White Cedar	5	Pole	9							small islands of paper birch, balsam fir and mixed upland species.						
	Tamarack	75	Pole	5	65												
24	4130 -	- Aspen	F	Poletimber Well		6.5	33	51-80	N/	A	2025: Well stocked aspen stand with spruce and fir						
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	component.Treated in 1992 under permit 14-90-1(forgotten aspen sale). Aspen was removed and cedar was left.						
(	Quaking Aspen	65	Pole/Sapling	5	33	Ta	ag Alder	Medium	5 - 10 feet	5 - 10 feet	aspon sais), rispon nas ismores and sous mas ism						
	Balsam Poplar	20	Pole/Sapling	5	33	Blad	ck Spruce	Medium	5 - 10 feet	5 - 10 feet							
	Balsam Fir	5	Pole/Sapling	5		Ва	ılsam Fir	Medium	5 - 10 feet	5 - 10 feet							
Nor	rthern White Cedar	5	Pole	8													
	Black Ash	5	Pole/Sapling	5													
25	4130 -	- Aspen	P	Poletimb	er Well	10.2	48	51-80	N/	A	Treated in 1977. Aspen with some residual cedar. Heavy to balsam						
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	fir in understory and south edge is a sugar maple stand.						
	Sugar Maple	5	Log/Pole	10		Lea	therwood	Low	5 - 10 feet	5 - 10 feet							
	Yellow Birch	5	Log	12		Blad	ck Spruce	Medium	10 - 20 feet	10 - 20 feet							
(	Quaking Aspen	70	Pole	8	48	Ва	ılsam Fir	Medium	10 - 20 feet	10 - 20 feet							
	Balsam Fir	10	Pole	6							•						
Nor	rthern White Cedar	5	Log/Pole	10													
	Black Cherry	5	Pole	8													



Stand	d Level 4 C	over Type	S	ize De	nsity	Acres Stand Ag	je BA Range	Managed S	ite	General Comments
26	6121	Tamarack	Pole	timbe	r Mediun	n 10.8 62	1-50	N/A	<b>\</b>	2025: Small stocked tamarack stand with tag alder.Tamarack is seeding in and starting to fill in this area. This stand is part of a
	Canopy Species	% Cover	Size Class	DBF	l Age	Sub-Canopy Spec	cies Density	Avg. Height	Size	large tamarack swamp /treed bog complex that was previously
	Black Spruce	20	Pole/Sapling	6	97	Buckthorn	Low	5 - 10 feet	5 - 10 feet	designated a special conservation area. Forest stands were allowed to
	Tamarack	80	Pole/Sapling	6	62	Paper Birch	Low	10 - 20 feet	10 - 20 feet	age, experience natural processes of aging and regeneration, and
						Tag Alder	High	5 - 10 feet	5 - 10 feet	serve as wildlife habitat to species adapted to these conditions.
						White Spruce	Trace	< 5 feet	< 5 feet	
						Black Spruce	Low	< 5 feet	< 5 feet	
						Balsam Fir	Low	10 - 20 feet	10 - 20 feet	
						Tamarack	High	10 - 20 feet	10 - 20 feet	
27	6124 - Lowla	6124 - Lowland Spruce-Fir		Sapling Medium		4.6 28	Immature	N/A		2025: Poor quality stand, very wet. Black ash is 1 inch dbh and fir is 2 inches dbh.Cut in 1997.
			DBF	l Age	Sub-Canopy Spec	cies Density	Avg. Height	Size	mones upin.out in 1997.	
	Balsam Fir			28	Balsam Fir	Medium	5 - 10 feet	5 - 10 feet		
	White Spruce	1 0			Tag Alder	High	5 - 10 feet	5 - 10 feet		
No	orthern White Cedar	10	Pole	7	116	Red Osier Dogwo	ood Medium	5 - 10 feet	5 - 10 feet	
	Black Ash	30	Sapling	1		White Spruce	Medium	5 - 10 feet	5 - 10 feet	
28	42330 -	Upland Fir	Pole	timbe	r Mediun	n 8.2 33	1-50	N/A		2025: Spruce and fir stand. Stand was harvested in 1992.
	Canopy Species	% Cover	Size Class	DBF	l Age	Sub-Canopy Spec	cies Density	Avg. Height	Size	Treated in 1992 under permit 14-90-01 (Forgotten Aspen). Some aspen and balsam fir in areas, lots of brambles.
	Balsam Fir	70	Pole	7	33	White Spruce	Medium	< 5 feet	< 5 feet	,
	White Spruce	30	Pole/Sapling	7		Balsam Fir	Medium	< 5 feet	< 5 feet	
29	6121 -	Tamarack	Po	letimb	er Well	49.4 65	1-50	N/A	١	2025: Nice tamarack stand that is 4-6 inches dbh. Small component
	Canopy Species	% Cover	Size Class	DBH	A A G O	Cub Cananu Cna	cies Density	Avg. Height	0:	of black spruce as well. Trees are pretty spotty in this
	Paper Birch	5	Б.		1 Age	Sub-Canopy Spec		Avg. Height	Size	stand Tamarack is seeding in and starting to fill in this area
			Pole	9	Age	Tag Alder	High	5 - 10 feet	5 - 10 feet	stand.Tamarack is seeding in and starting to fill in this area. This stand was a part of a large tamarack swamp /treed bog complex
	Black Spruce	15	Pole	9 5	Age					This stand was a part of a large tamarack swamp /treed bog complex that has been designated a special conservation area where the forest
	Black Spruce Tamarack				65	Tag Alder	High	5 - 10 feet	5 - 10 feet	This stand was a part of a large tamarack swamp /treed bog complex that has been designated a special conservation area where the forest stands were allowed to age, experience natural processes of aging
	<u> </u>	15	Pole	5		Tag Alder Black Spruce	High Low	5 - 10 feet Variable	5 - 10 feet Variable	This stand was a part of a large tamarack swamp /treed bog complex that has been designated a special conservation area where the forest
30	Tamarack	15	Pole Pole	5		Tag Alder Black Spruce Balsam Fir	High Low Low	5 - 10 feet Variable 5 - 10 feet	5 - 10 feet Variable 5 - 10 feet 10 - 20 feet	This stand was a part of a large tamarack swamp /treed bog complex that has been designated a special conservation area where the forest stands were allowed to age, experience natural processes of aging and regeneration, and serve as wildlife habitat to species adapted to these conditions.  2025: Smaller one stick tamarack. This stand was a part of a
30	Tamarack	15 80	Pole Pole	5 6	65	Tag Alder Black Spruce Balsam Fir Tamarack	High Low Low High	5 - 10 feet Variable 5 - 10 feet 10 - 20 feet	5 - 10 feet Variable 5 - 10 feet 10 - 20 feet	This stand was a part of a large tamarack swamp /treed bog complex that has been designated a special conservation area where the forest stands were allowed to age, experience natural processes of aging and regeneration, and serve as wildlife habitat to species adapted to these conditions.  2025: Smaller one stick tamarack. This stand was a part of a large tamarack swamp /treed bog complex that was designated a
30	Tamarack 6121 -	15 80	Pole Pole	5 6	65 Medium	Tag Alder Black Spruce Balsam Fir Tamarack 7.4 41	High Low Low High	5 - 10 feet Variable 5 - 10 feet 10 - 20 feet N/A	5 - 10 feet Variable 5 - 10 feet 10 - 20 feet	This stand was a part of a large tamarack swamp /treed bog complex that has been designated a special conservation area where the forest stands were allowed to age, experience natural processes of aging and regeneration, and serve as wildlife habitat to species adapted to these conditions.  2025: Smaller one stick tamarack. This stand was a part of a large tamarack swamp /treed bog complex that was designated a special conservation area where forested stands were allowed to age, experience natural processes of aging and regeneration, and serve as
30	Tamarack 6121 - Canopy Species	15 80 Tamarack % Cover	Pole Pole Sa	5 6 apling N	65 Medium	Tag Alder Black Spruce Balsam Fir Tamarack 7.4 41 Sub-Canopy Spec	High Low Low High  1-50 Cies Density	5 - 10 feet Variable 5 - 10 feet 10 - 20 feet  N/A  Avg. Height	5 - 10 feet     Variable     5 - 10 feet     10 - 20 feet     Size	This stand was a part of a large tamarack swamp /treed bog complex that has been designated a special conservation area where the forest stands were allowed to age, experience natural processes of aging and regeneration, and serve as wildlife habitat to species adapted to these conditions.  2025: Smaller one stick tamarack. This stand was a part of a large tamarack swamp /treed bog complex that was designated a special conservation area where forested stands were allowed to age,
30	Tamarack 6121 - Canopy Species Red Maple	15 80 Tamarack % Cover 5	Pole Pole Sa Size Class Sapling/Pole	5 6 apling N	65 Medium	Tag Alder Black Spruce Balsam Fir Tamarack  7.4 41  Sub-Canopy Spec	High Low Low High  1-50 Cies Density Low	5 - 10 feet Variable 5 - 10 feet 10 - 20 feet N/A Avg. Height 5 - 10 feet	5 - 10 feet Variable 5 - 10 feet 10 - 20 feet  Size 5 - 10 feet	This stand was a part of a large tamarack swamp /treed bog complex that has been designated a special conservation area where the forest stands were allowed to age, experience natural processes of aging and regeneration, and serve as wildlife habitat to species adapted to these conditions.  2025: Smaller one stick tamarack. This stand was a part of a large tamarack swamp /treed bog complex that was designated a special conservation area where forested stands were allowed to age, experience natural processes of aging and regeneration, and serve as
30	Tamarack  6121 -  Canopy Species  Red Maple  Balsam Fir	15 80 Tamarack <b>% Cover</b> 5 5	Pole Pole Sa Size Class Sapling/Pole Sapling/Pole	5 6 Papling N DBH 3 3 3	65 Medium	Tag Alder Black Spruce Balsam Fir Tamarack 7.4 41 Sub-Canopy Spec White Pine Tag Alder	High Low Low High  1-50  Cies Density Low Medium	5 - 10 feet Variable 5 - 10 feet 10 - 20 feet N/A Avg. Height 5 - 10 feet 5 - 10 feet	5 - 10 feet Variable 5 - 10 feet 10 - 20 feet  Size 5 - 10 feet 5 - 10 feet	This stand was a part of a large tamarack swamp /treed bog complex that has been designated a special conservation area where the forest stands were allowed to age, experience natural processes of aging and regeneration, and serve as wildlife habitat to species adapted to these conditions.  2025: Smaller one stick tamarack. This stand was a part of a large tamarack swamp /treed bog complex that was designated a special conservation area where forested stands were allowed to age, experience natural processes of aging and regeneration, and serve as
	Tamarack 6121 - Canopy Species Red Maple Balsam Fir White Spruce	15 80 Tamarack % Cover 5 5 5	Pole Pole Sa Size Class Sapling/Pole Sapling/Pole Sapling/Pole	5 6 <b>DBH</b> 3 3 4	65 Medium	Tag Alder Black Spruce Balsam Fir Tamarack  7.4 41  Sub-Canopy Spec White Pine Tag Alder Tamarack	High Low Low High  1-50  Cies Density Low Medium High	5 - 10 feet Variable 5 - 10 feet 10 - 20 feet N/A  Avg. Height 5 - 10 feet 5 - 10 feet 5 - 10 feet	5 - 10 feet Variable 5 - 10 feet 10 - 20 feet  Size 5 - 10 feet 5 - 10 feet 5 - 10 feet	This stand was a part of a large tamarack swamp /treed bog complex that has been designated a special conservation area where the forest stands were allowed to age, experience natural processes of aging and regeneration, and serve as wildlife habitat to species adapted to these conditions.  2025: Smaller one stick tamarack. This stand was a part of a large tamarack swamp /treed bog complex that was designated a special conservation area where forested stands were allowed to age, experience natural processes of aging and regeneration, and serve as
	Tamarack  6121 -  Canopy Species  Red Maple  Balsam Fir  White Spruce  Black Spruce	15 80 Tamarack % Cover 5 5 5	Pole Pole Sa Size Class Sapling/Pole Sapling/Pole Sapling/Pole Sapling/Pole	5 6 Pupling N 3 3 4 4 4	65 Medium	Tag Alder Black Spruce Balsam Fir Tamarack  7.4 41  Sub-Canopy Sper White Pine Tag Alder Tamarack White Spruce	Low Low High  1-50 Cies Density Low Medium High Low	5 - 10 feet Variable 5 - 10 feet 10 - 20 feet  N/A  Avg. Height 5 - 10 feet 5 - 10 feet 5 - 10 feet 5 - 10 feet	5 - 10 feet Variable 5 - 10 feet 10 - 20 feet  Size 5 - 10 feet 5 - 10 feet 5 - 10 feet 5 - 10 feet	This stand was a part of a large tamarack swamp /treed bog complex that has been designated a special conservation area where the forest stands were allowed to age, experience natural processes of aging and regeneration, and serve as wildlife habitat to species adapted to these conditions.  2025: Smaller one stick tamarack. This stand was a part of a large tamarack swamp /treed bog complex that was designated a special conservation area where forested stands were allowed to age, experience natural processes of aging and regeneration, and serve as



Stand	Level 4 C	over Type	s	Size De	nsity	Acres	Stand Age	BA Range	Managed Si	te	General Comments
31	6121 - 1	Tamarack		Unspe	cifed	21.2	2	1-50			2025: Very little spruce and tamarack regeneration so far. This stand may need a few more years to see results. Currently it's alder and
						Sub-Ca	nopy Species	Density	Avg. Height	Size	willow. This stand was cut in 2023.Previously this stand was a
						Ta	amarack	Trace	< 5 feet	< 5 feet	part of a large tamarack swamp /treed bog complex that has been
						Ta	ag Alder	High	5 - 10 feet	5 - 10 feet	designated a special conservation area. Forest stands will be allowed
						Blad	ck Spruce	Low	>20 feet	>20 feet	to age, experience natural processes of aging and regeneration, and serve as wildlife habitat to species adapted to these conditions.
32	6130 - Fir,	Aspen, Mar	ole Sa	apling I	Medium	5.6	41	1-50	N/A		2025: Mixed stand with aspen, birch, cedar and fir.Check to see
	Canopy Species	% Cover	Size Class	DBH	l Age						stand age.TS# 044-084-02- Cedar present are those left for seedtree. Other spp doing well, with the snow load not sure if cedar is
	Quaking Aspen	45		5	41						recruiting or not.
	Balsam Fir	20	Sapling/Pole	3							-
	White Spruce	5	Sapling/Pole	3							
	Black Spruce	5	Sapling/Pole	3							
No	rthern White Cedar	15		10							
	Tamarack	10	Sapling/Pole	3							
33	310 - Herbac	ceous Open	land	Noi	ne	1.0			Yes		2025: Grassy opening that appears to be planted with rye. PERIODICALLY MAINTAIN THROUGH MOWING.
34	4134 - Aspe	en, Spruce/	Fir	Sapling Well		96.3 42 Ur		Jnspecified	•		2025: Nice aspen stand with variable diameters. Look to treat next
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	entry.Cut under Timber Sale "Hunters Block " Reneration looks really good. Good mix of spp coming.
	Red Maple	10	Pole/Sapling	6		Bla	ck Cherry	Low	Variable	Variable	Today good. Cood mix of opp coming.
	Paper Birch	5	Pole	6	42	Ba	alsam Fir	Low	Variable	Variable	
	Quaking Aspen	25	Pole	7	42			·			_
	Bigtooth Aspen	20	Log	10							
	Balsam Fir	15	Pole	6	42						
	White Spruce	10	Pole/Sapling	7							
	Black Spruce	10	Pole/Sapling	7							
	Black Cherry	5	Pole/Sapling	6							
35	4199 - Other Mixe	ed Upland D	eciduous	Sapling	g Well	11.0	3	1-50	N/A		2025: This stand is regenerating well with aspen, ash, and Balsam
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Poplar. Scattered sugar maple and cedar in places.
	Quaking Aspen	35	Sapling	1	3	Whi	ite Spruce	Medium	< 5 feet	< 5 feet	
	Balsam Poplar	30	Sapling	1	3	Ва	alsam Fir	Medium	< 5 feet	< 5 feet	
	White Spruce	5	Sapling	2				·			_
	Black Ash	25	Sapling	1	3						
	Ironwood	5	Sapling	1							
36	6121 - '	Tamarack		Unspe	cifed	11.3	3	1-50			2025: Remote call due to stand access. This stand was harvested in
				Onopo							2000 under the twenty one winch as a Constlantian stantage to
				Chope	Γ		nopy Species	Density	Avg. Height	Size	2022 under the twenty-one winch sale.Smaller diameter to the
				Chiopo		Sub-Ca		Density Low	Avg. Height < 5 feet	Size < 5 feet	2022 under the twenty-one winch sale.Smaller diameter to the north, can see on photo.
				Споро		Sub-Ca	nopy Species				· ·



Stan	d Level 4 C		Size D	ensity	Acres	Stand Age E	BA Range	Managed S	Site	General Comments		
37	4191 - Mixed Upla Co	and Decidu onifer	ous with	Sawtimb	er Well	65.3	55	111-140	N/A	Ą	2025: Mixed aspen stand with fir and spruce. Stand needs to be treated this entry. Clearcut with retention. Mostly an upland	
	Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Car	opy Species	Density	Avg. Height	Size	stand, there are some areas where the cedar and other lowland spp are present mainly in pockets or around the edges of the stand. Final	
	Red Maple	20	Log	11	55	Bal	sam Fir	Low	5 - 10 feet	5 - 10 feet	harvest stand leaving cedar and hemlock.	
	Paper Birch	10	Log	10	_			'				
	Quaking Aspen	25	Log/Pole	12	55							
	Bigtooth Aspen	5	Log/Pole	12								
	Balsam Fir	20	Pole	6								
	White Spruce	5	Pole	7								
	Black Spruce	5	Pole	9								
38	622 - Lowland Shrub None					8.4 No			No	)	2025: Lowland tag alder stand with a mix of tamarack. Remote call	
						Sub-Can	opy Species	Density	Avg. Height	Size	due to difficult access.Scattered small tamarack and spruce along the west edge and lowland brush through rest.	
						A	Alder	Full	5 - 10 feet	5 - 10 feet		
						Tar	marack	Trace	5 - 10 feet	5 - 10 feet		
39	6120 - Lo	wland Ceda	ar F		er Well	364.8	118	81-110	N/A	4	2025: Decent quality cedar stand. Healthy tops and pretty  thick.Areas of small cedar 3-5 inch dbh. Some very poor quality	
	Canopy Species	% Cover	Size Class	DBI	l Age		opy Species		Avg. Height	Size	cedar areas.	
	Paper Birch	5		4		White	e Spruce	Low	< 5 feet	< 5 feet		
N	orthern White Cedar	90	Pole	7	118	Bal	sam Fir	Low	< 5 feet	< 5 feet		
	Black Ash	5		4		Tag	g Alder	High	5 - 10 feet	5 - 10 feet		
40	4134 - Asp	en, Spruce	/Fir	Saplin	g Well	35.2	36	1-50	N/A	4	2025: Good quality aspen stand with a larger spruce and fir	
	Canopy Species	% Cover	Size Class	DBI	l Age	Sub-Car	opy Species	Density	Avg. Height	Size	component. Dbh on the aspen is 6-8 inches with variability.Treated in 1989 under permit #11-07-01 (Hendricks	
	Quaking Aspen	80	Pole	7	36	White	e Spruce	Low	< 5 feet	< 5 feet	Mile 21 Aspen)	
	Balsam Fir	10	Pole/Sapling	5		Bal	sam Fir	Low	5 - 10 feet	5 - 10 feet		
	White Spruce	10	Pole/Sapling	5							_	
41	6120 - Lo	wland Ceda	ar F	Poletim	er Well	46.7	104	81-110	N/A	4	2025: Nice quality cedar stand with pockets of blowdown and other	
	Canopy Species	% Cover	Size Class	DBI	l Age						deciduous species.Nice pole stand of cedar - there are some areas where it is more open from blow down or areas where the water	
	Paper Birch	5	Log/Pole	10							table stays up and tag alder is growing. Healthy stand.	
	Quaking Aspen	5	Log/Pole	10								
	Balsam Fir	5	Pole	7								
			Dolo	-								
	Black Spruce 5 Pole 7 thern White Cedar 75 Log/Pole 10 10											
N	Black Spruce orthern White Cedar	75	Log/Pole	10	104							

6

5

40

Balsam Fir

Paper Birch

Pole

Pole

Compartment: 85

Stand	Level 4 Co	over Type		Size De	nsity	Acres Stand Age E	BA Range	Managed S	Site	Year of Entry: 2027  General Comments
42	4319 - Mixed	Upland Fo	rest	Sapling	y Well	6.9 53	51-80	N/A	A	2025: Stand is growing well to a mix of aspen, fir, and
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy Species	Density	Avg. Height	Size	spruce.This stand was cut under the twenty one mile sale.
	Quaking Aspen	10	Sapling	1	16	Balsam Poplar	High	< 5 feet	< 5 feet	
	Balsam Poplar	35	Sapling	1	16	Balsam Fir	Medium	< 5 feet	< 5 feet	
	Balsam Fir	50	Pole/Sapling	5	53	Quaking Aspen	Medium	< 5 feet	< 5 feet	
Nor	thern White Cedar	5	Pole	7						_
43	'		Sawtimb	er Well	13.7 98	111-140	N/A	4	2025: Mainly a cedar stand with birch, aspen, and fir. Stand should be	
	Canopy Species % Cover Size Class DBH		l Age	Sub-Canopy Species	Density	Avg. Height	Size	cut this entry if possible.Would be nice to treat this stand to help with spp diversity in the compartment. Small acreage and a long		
	Red Maple 10 10			Balsam Fir Low Variable Variable				haul, if the Escanaba unit decides to treat stands in their Cmpt 87		
	Paper Birch 10 10			Black Spruce	Low	Variable	Variable	maybe it could be done together.		
	Quaking Aspen	35		12	98					_
	Balsam Poplar	15	Log/Pole	12						
	Balsam Fir	15	Pole	9						
Nor	thern White Cedar	15		10						
44	Canopy Species		Size Class		l Age	12.3 88  Sub-Canopy Species		Avg. Height	Size	2025: Lower quality sugar maple stand. Very low maple regeneration Lots of ironwood regen. This stand was cut under the Twenty One Mile sale. Obtained the age for a basswood tree.
	Sugar Maple	55		10	88	Sugar Maple	Low	>20 feet	>20 feet	  -
	Red Maple	5	Log/Pole	10		Black Cherry	Trace	< 5 feet	< 5 feet	
	Yellow Birch	5	Log/Pole	10		Ironwood	Medium	5 - 10 feet	5 - 10 feet	
	Basswood	10	Log/Pole	11		Balsam Fir	Medium	Variable	Variable	
	Paper Birch	5	Pole	9						
	Balsam Poplar Balsam Fir	5	Dala	10						
Man		5	Pole	9						
IVOI	thern White Cedar Black Cherry	5 5	Pole	9						
										222 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
45		wland Ceda	Size Class	Sawtimb	er Well I <b>Age</b>	17.3 110  Sub-Canopy Species	111-140 <b>Density</b>	Avg. Height	Size	2025: Dense healthy cedar stand.Cedar stand with an overmature upland pocket separated out and included with stand 35
	Paper Birch	% Cover	Pole	9	Age	Balsam Fir	Medium	10 - 20 feet	10 - 20 feet	-
	Balsam Fir	10	Pole	6		Northern White Cedar	Low	>20 feet	>20 feet	
Nor	thern White Cedar	70	Pole	9	110	Northern Wille Cedal	LOW	>20 leet	~20 16 <del>6</del> l	
1401	Black Ash	15	Pole	8	110					
46	4130	- Aspen	F	Poletimb	er Well	11.7 40	81-110	N/A	Α	2025: Nice quality aspen stand with conifer component. Look to
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy Species	Density	Avg. Height	Size	harvest this stand next entry. This stand is a mix of bigtooth and
	Red Maple	10	Log/Pole	10	9-	White Spruce	Low	5 - 10 feet	5 - 10 feet	quaking aspen. Cedar along the edge of the stand.
			5/. 5.5						050	_

5 - 10 feet

10 - 20 feet

Low

Low

5 - 10 feet

10 - 20 feet

Quaking Aspen

Balsam Fir

80

10



Stand	d Level 4 C	over Type		Size De	ensity	Acres	Stand Age B	A Range	Managed S	Bite	General Comments
47	4134 - Asp				er Well		33	1-50	N/A		2025: Decent quality aspen mixed stand. Look to treat this stand the next 2 entries. Treated in 19992 under permit 14-90-01
	Canopy Species		Size Class		I Age		nopy Species	Density	Avg. Height	Size	(Forgotten Aspen). Open areas and closer to 75% canopy closure.
	Quaking Aspen	60	Pole/Sapling	5	33		Isam Fir	Low	10 - 20 feet	10 - 20 feet	
	Balsam Poplar	20	Sapling/Pole	4			marack	Low	10 - 20 feet	10 - 20 feet	
	Balsam Fir	15	Sapling/Pole	4			ck Cherry	Low	10 - 20 feet	10 - 20 feet	
	White Spruce	5	Sapling/Pole	4		Whit	te Spruce	Low	10 - 20 feet	10 - 20 feet	
48	6121 -	Tamarack		Unspe	cifed	62.0	3	1-50			2025: Moderate to lowly stocked tamarack lowland stand. Stand was to tin 2022 under the Twenty-One Winch sale.BA ranges
						Sub-Car	nopy Species	Density	Avg. Height	Size	from 60-130. Upland pocket of aspen, balsam fir, birch, and cedar.
						Whit	te Spruce	Low	Variable	Variable	, , , ,
						Blac	k Spruce	Low	< 5 feet	< 5 feet	
						Та	ıg Alder	High	5 - 10 feet	5 - 10 feet	
						Bal	lsam Fir	Low	Variable	Variable	
						Та	marack	Medium	< 5 feet	< 5 feet	
49	6129 - Mixed Conif	erous Lowl	and Forest	Unspe	cifed	12.6	3	1-50			2025: Stand was harvested in 2022 under the twenty-one winch sale.
						Sub-Car	nopy Species	Density	Avg. Height	Size	Remote call for this stand due to difficult access.
						Та	g Alder	Low	5 - 10 feet	5 - 10 feet	
						Northern	White Cedar	Low	>20 feet	>20 feet	
						Та	marack	Low	< 5 feet	< 5 feet	
50	4134 - Asp	en, Spruce	/Fir S	awtimb	er Well	47.4	98	81-110	N/A	4	2025: Stand is blocked by swamp and river. Remote call, refer to previous stand notes.More conifer on the edges of the stand
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Car	nopy Species	Density	Avg. Height	Size	and where there is a lowland area through the middle. Lease this for
	Red Maple	10	Log/XLog/Pole			Re	d Maple	Low	Variable	Variable	retention. Regeneration in the adjacent stands on private doing very
	Paper Birch	10	Log/Pole	10		Bal	lsam Fir	Low	Variable	Variable	well. Expect the same with this stand. Final harvest, no cut cedar or hemlock.
	Bigtooth Aspen	55	XLog/Log	18	98						Herriock.
	Balsam Fir	7	Pole	8							
	White Spruce	6	Log/Pole	12							
	Black Spruce	7	Log/Pole	10							
No	orthern White Cedar	5	Pole/Log	9							
51	4191 - Mixed Upl	and Decidu onifer	ous with	Unspe	cifed	9.8	3	1-50			2025: Stand was harvested in 2022. Remote call for this stand due to difficult access.Balsam fir and spruce understory. Over mature
						Sub-Cai	nopy Species	Density	Avg. Height	Size	pockets of timber.
							ing Aspen	Medium	< 5 feet	< 5 feet	
							Isam Fir	Low	< 5 feet	< 5 feet	
						Re	d Maple	Low	< 5 feet	< 5 feet	
52	613 - Lowlar	nd Mixed Fo	prest	Unspe	ecifed	2.6	20	<u>'</u>		•	•
					ſ	Sub-Car	nopy Species	Density	Avg. Height	Size	
							White Cedar	Trace	Variable	Variable	
							ng Alder	Medium	5 - 10 feet	5 - 10 feet	
							ack Ash	Medium	Variable	Variable	
						Bla	ack Ash	Medium	Variable	Variable	

Report 7 - Stands



Stand	4136 - Aspen, Mixed Conifer			Size Dei	nsity	Acres	Stand Age	BA Range	Managed \$	Site	General Comments
53	4136 - Aspen	, Mixed Co	nifer	Sapling	Well	14.8	32	Unspecified	N//	Α	2025: Very good aspen regeneration. Stand is dominated Quaking
	Canopy Species	% Cover	Size Class	DBH	Age						Aspen. Average BA is 20.Half of the stand was cut in 1993 and the other half in 1997- can't really tell on the ground where the change
	Paper Birch	5	Sapling	1							occured. The cedar and spruce present is the residual left from the
	Quaking Aspen	70	Pole/Sapling	5	32						treatment. Regeneration is coming in well.
	Balsam Fir	10	Sapling	3							
	White Spruce	5		3							
No	orthern White Cedar	10	Pole/Log	8							
54	613 - Lowlan	d Mixed Fo	prest	Unspec	ifed	5.1	30				2025: Lowland with sparse trees. OPIC - FMD: OI Stand Year ☐ Origin was
							nopy Specie		Avg. Height	Size	-
						BI	ack Ash	Low	Variable	Variable	
							Alder	Medium	5 - 10 feet	5 - 10 feet	
						Ва	alsam Fir	Low	< 5 feet	< 5 feet	
55	4136 - Aspen	, Mixed Co	nifer F	Poletimbe		26.7	49	111-140	N/A	A	2025: Nice stand of aspen that is mainly bigtooth with a component of cedar, paper birch, and hemlock.Treated in 1976. Variable stand
	Canopy Species		Size Class	DBH	Age		nopy Specie	es Density	Avg. Height	Size	with lowland pockets of tag alder and open areas with balsam fir.
	Sugar Maple	5	Pole	9			onwood	Low	Variable	Variable	
	Paper Birch	10	Pole	7			ag Alder	Low	5 - 10 feet	5 - 10 feet	
	Quaking Aspen	20	Pole/Log	9	49	Ba	alsam Fir	High	10 - 20 feet	10 - 20 feet	
	Bigtooth Aspen	45	Pole/Log	9	49						
	Balsam Fir	10		6							
No	orthern White Cedar	5	Pole	9							
	Hemlock	5		9							
59	6118 - Lowland De	eciduous w	ith Cedar Po			n 6.7	80	81-110	N/A	A	2025: Very wet and low quality stand with fir, ash, aspen, and maple.  There is alot of tag alder in this stand. This stand could be treated
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Specie	es Density	Avg. Height	Size	next entry, the majority of there trees are pole size. More black
	Sugar Maple	5		10		Ba	alsam Fir	Medium	5 - 10 feet	5 - 10 feet	ash than cedar. Very wet and poor quality areas.
	Red Maple	5		8		Ta	ag Alder	Medium	5 - 10 feet	5 - 10 feet	
	Paper Birch	10		8							
	Quaking Aspen	10		8							
	Balsam Poplar	15		10							
	Balsam Fir	15		7							
No	rthern White Cedar	20		10	80						
	Hemlock	5		13							
	Black Ash	15		4							
60	6120 - Lov	wland Ceda	ar F	Poletimbe	er Well	11.3	100	51-80	N//	A	2025: Lowland cedar stand with ash and birch. Very wet and has
	Canopy Species	% Cover	Size Class	DBH	Age						standing water.
	Paper Birch	10		5							
	Balsam Poplar	5		7							
No	Balsam Poplar orthern White Cedar				100						

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Stand	d Level 4 C	over Type	;	Size De	nsity	Acres	Stand Age	BA Range	Managed \$	Site	General Comments						
63	4130 - Aspen		4130 - Aspen Sapling Medium		Sapling Medium		Sapling Medium		Sapling Medium		ng Medium 1		12 Immature				2025: Aspen stand that was cut 12 years ago under the 426 Leftover
	Canopy Species	% Cover	Size Class	DBH	Age						Sale. Remote call for this stand due to the access. Access was gained through private land, stand was added to the 426 Leftover sale						
	Quaking Aspen Balsam Fir	90	Sapling Sapling	3	12 12						as a supplement, #330010701. 7/19/23: Updated to non-OI cover type.						
64	310 - Herbac	eous Open	land	Noi	ne	2.0			No	)	2025: Grassy opening with white spruce. Open area. Some balsam fir and spruce filling in but not enough to call a forested stand.						
65	4130	- Aspen	P	oletimb	er Well	5.1	50	51-80	N//	4	2025: Remote call for this stand due to access. Refer to prior stand						
	Canopy Species	% Cover	Size Class	DBH	Age						notes.Small Island of timber, lost most of the balsam in this stand. Access is a problem. Will have to get permission from						
	Quaking Aspen	90	Pole/Log	8	50						landowner to the south to be able to set up sale. The adjacent						
	Balsam Fir	10	Pole	6							landowner already cut their timber. 7/19/23: Updated to non-OI cover type.						
66	4110 - Sugar M	4110 - Sugar Maple Association Poletimber W		er Well	4.9	90	51-80	N//	4	2025: Stand was thinned in 2023, low regeneration stocking							
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	yet.Primarily sugar maple, south and east edge has small aspen fringe. Stand could be thinned in places and left alone in						
	Sugar Maple	90	Log/Pole	12	90	Ва	Balsam Fir		5 - 10 feet	5 - 10 feet	others. Last cut in 1999.						
	Sugar Maple	5	Sapling	1	2	Iro	nwood	Medium	< 5 feet	< 5 feet							
	Black Cherry	5	Pole	8													
67	6225	6225 - Bog		None		None		4.4			No	)	2025: Lowland bog/fen, very wet stand.SMALL TIMBERED  I ISLAND IS OUT IN THE BEAVER MEADOW.				
						Sub-Ca	nopy Species	Density	Avg. Height	Size	ISLAND IS OUT IN THE BEAVER MEADOW.						
						Ta	g Alder	Medium	5 - 10 feet	5 - 10 feet							
						Mixe	d Grasses	Full	Not Applicable	Not Applicable							
69	613 - Lowlan	d Mixed Fo	prest	Unspe	cifed	71.2	1				2025: Stand was harvested in 2024-2025 by Roy Nelson. This stand was sporadic tamarack patches with a high amount of tag alder and						
							nopy Species	Density	Avg. Height	Size	dogwood.Sporadic patches of 10" tamarack 4-5 sticks.						
							marack	Trace	10 - 20 feet	10 - 20 feet	Considerable amount of tag alder in the understory. Southern portion						
							ig Alder	High	5 - 10 feet	5 - 10 feet	contains smaller tamarack and spruce is more abundant.						
							ier Dogwood	Medium	5 - 10 feet	5 - 10 feet							
						Blac	k Spruce	Trace	Variable	Variable							
71	4130	- Aspen		Sapling		39.1	27	1-50	N//	4	2025: Stand is pole and sapling sized. Small amount of fir and spruce in the stand.Treated in 1998 under permit #9-97-01 (Broken						
	Canopy Species	% Cover			Age		nopy Species		Avg. Height	Size	Snowshoe).						
	Quaking Aspen	90	Sapling/Pole	4	27		Isam Fir	Low	< 5 feet	< 5 feet							
	Balsam Fir	5	Sapling/Pole				ig Alder	Low	5 - 10 feet	5 - 10 feet							
	White Spruce	5	Sapling/Pole	4		Red Os	ier Dogwood	Low	5 - 10 feet	5 - 10 feet							

7 - Stands Compartment: 85
Year of Entry: 2027

DNR MICHIGAN

Stand	d Level 4 C	over Type		Size De	ensity	Acres Stand Age	BA Range	A Range Managed Site		General Comments	
75	6121	Tamarack	F	Poletimber Well		65.8 79	51-80	N/A	<b>\</b>	2025: Tamarack is declining in this stand with many dead standing.	
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy Specie	s Density	Avg. Height	Size	The diameters vary in this stand but are mainly 6 inches on average. This stand was a part of a large tamarack swamp	
	Red Maple	5		7		Tamarack	Low	10 - 20 feet	10 - 20 feet	/treed bog complex that was previously designated a special	
	Black Spruce	40	Pole	6	75	Paper Birch	Trace	10 - 20 feet	10 - 20 feet	conservation area.	
Nc	orthern White Cedar	5	Log/Pole	10		Tag Alder	High	5 - 10 feet	5 - 10 feet		
	Tamarack	50	Pole	7	79	Black Spruce	Low	5 - 10 feet	5 - 10 feet		
78	78 6128 - Lowland Coniferous, Mixed Sapling Deciduous		Sapling	Poor	7.4 14	Immature	N/A	<b>\</b>	2025: Stand is regenerating but very patchy. There is areas of pure tag alder and willow. Good regeneration of white pine, aspen and		
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Canopy Specie	s Density	Avg. Height	Size	balsam fir where it is drier. Treated in 2013 under contract 426 Leftover sale, #330010701.	
	Quaking Aspen	20		1	14	Cattail spp.	Low	Not Applicable	Not Applicable	Editoral data, modernoral.	
	Balsam Poplar	10	Sapling	1	14	Tag Alder	High	5 - 10 feet	5 - 10 feet		
	Balsam Fir	25		4	14	Red Osier Dogwood	Medium	5 - 10 feet	5 - 10 feet		
	White Spruce	20		2		White Spruce	Medium	5 - 10 feet	5 - 10 feet		
	Tamarack	15		3	14	Willow spp.	Medium	5 - 10 feet	5 - 10 feet		
79	79 6128 - Lowland Coniferous, Mixed Sapling Well Deciduous		g Well	26.1 33	N/A	Λ	2025: Very mixed stand, mainly aspen, pine, and fir. I will have to find a cutting record to determine the age of the stand.No record of				
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Canopy Specie	s Density	Avg. Height	Size	cutting found.	
	Quaking Aspen	40	Sapling	2	33	Tag Alder	High	5 - 10 feet	5 - 10 feet		
	Balsam Fir	20	Sapling	3		Red Osier Dogwood	Medium	5 - 10 feet	5 - 10 feet		
	White Spruce	15	Sapling	2		Balsam Fir	Low	5 - 10 feet	5 - 10 feet		
	Tamarack	20	Sapling	2	33	Tamarack	Low	5 - 10 feet	5 - 10 feet		
	White Pine	5	Sapling	3		Balsam Poplar	Low	5 - 10 feet	5 - 10 feet		
88	4404				$\sqcup \sqcup \sqcup \sqcup$			0 101000			
	4134 - Aspe	en, Spruce/	Fir	Sapling	g Well	16.1 12	Immature	N/A	\	2025: Nice aspen regeneration. Around 75% filled in with growth.	
	Canopy Species					'			\	Spruce and pine component to this stand. The entire south end	
	<u> </u>	en, Spruce/ <b>% Cover</b> 65			Well Age	'			<b>A</b>		
	Canopy Species	% Cover	Size Class	DBH 1	l Age	'			<b>\</b>	Spruce and pine component to this stand. The entire south end has a significant amount of cedar left. Some sparse areas with 25-	
	Canopy Species Quaking Aspen	<b>% Cover</b> 65	Size Class Sapling	<b>DBH</b> 1 1 6	l Age	'			<b>\</b>	Spruce and pine component to this stand. The entire south end has a significant amount of cedar left. Some sparse areas with 25-50% canopy cover. This stand was cut in 2013 under the 426 leftover	
	Canopy Species Quaking Aspen Balsam Fir	<b>% Cover</b> 65 10	Size Class Sapling Pole/Sapling	DBH 1 6 6	l Age	'			<u> </u>	Spruce and pine component to this stand. The entire south end has a significant amount of cedar left. Some sparse areas with 25-50% canopy cover. This stand was cut in 2013 under the 426 leftove	
No	Canopy Species Quaking Aspen Balsam Fir White Spruce	% Cover 65 10 5	Size Class Sapling Pole/Sapling Pole/Sapling	DBH 1 6 6	l Age	'			Α.	Spruce and pine component to this stand. The entire south end has a significant amount of cedar left. Some sparse areas with 25-50% canopy cover. This stand was cut in 2013 under the 426 leftove	
No	Canopy Species Quaking Aspen Balsam Fir White Spruce Black Spruce	% Cover 65 10 5	Size Class Sapling Pole/Sapling Pole/Sapling Sapling/Pole	DBH 1 6 6 4 9	l Age	'			Α.	Spruce and pine component to this stand. The entire south end has a significant amount of cedar left. Some sparse areas with 25-50% canopy cover. This stand was cut in 2013 under the 426 leftover	
No.	Canopy Species  Quaking Aspen  Balsam Fir  White Spruce  Black Spruce orthern White Cedar  Tamarack	% Cover 65 10 5 10	Size Class Sapling Pole/Sapling Pole/Sapling Sapling/Pole Pole Sapling/Pole	DBH 1 6 6 4 9	1 Age	'				Spruce and pine component to this stand. The entire south end has a significant amount of cedar left. Some sparse areas with 25-50% canopy cover. This stand was cut in 2013 under the 426 leftoversale.  2025: Lower quality tamarack stand that is very sparse. Understory is	
	Canopy Species  Quaking Aspen  Balsam Fir  White Spruce  Black Spruce orthern White Cedar  Tamarack	% Cover 65 10 5 10 5 10 5 Tamarack	Size Class Sapling Pole/Sapling Pole/Sapling Sapling/Pole Pole Sapling/Pole	DBH 1 1 6 6 6 4 9 6 4 Poletimb	1 Age	16.1 12	Immature	N/A		Spruce and pine component to this stand. The entire south end has a significant amount of cedar left. Some sparse areas with 25-50% canopy cover. This stand was cut in 2013 under the 426 leftove sale.  2025: Lower quality tamarack stand that is very sparse. Understory is all tag alder and willow. Tamarack is seeding in and starting to	
	Canopy Species Quaking Aspen Balsam Fir White Spruce Black Spruce orthern White Cedar Tamarack 6121 -	% Cover 65 10 5 10 5 10 5 Tamarack	Size Class Sapling Pole/Sapling Pole/Sapling/Pole Sapling/Pole Sapling/Pole	DBH 1 1 6 6 6 4 9 6 4 Poletimb	12 12 er Poor	16.1 12 41.0 65	Immature	N/A	\	Spruce and pine component to this stand. The entire south end has a significant amount of cedar left. Some sparse areas with 25-50% canopy cover. This stand was cut in 2013 under the 426 leftoversale.  2025: Lower quality tamarack stand that is very sparse. Understory is	
	Canopy Species Quaking Aspen Balsam Fir White Spruce Black Spruce orthern White Cedar Tamarack 6121 -	% Cover 65 10 5 10 5 10 5 Tamarack % Cover	Size Class Sapling Pole/Sapling Pole/Sapling Sapling/Pole Pole Sapling/Pole File Size Class	DBH 1 1 6 6 6 4 9 4 Poletimb	12 12 er Poor	16.1 12 41.0 65 Sub-Canopy Specie	Immature  1-50  S Density	N/A N/A Avg. Height	Size	Spruce and pine component to this stand. The entire south end has a significant amount of cedar left. Some sparse areas with 25-50% canopy cover. This stand was cut in 2013 under the 426 leftoversale.  2025: Lower quality tamarack stand that is very sparse. Understory is all tag alder and willow. Tamarack is seeding in and starting to fill in this area. This stand was a part of a large tamarack swamp	

Pole

9

5

65

Buckthorn

Tag Alder

5

65

Northern White Cedar

Tamarack

5 - 10 feet

5 - 10 feet

5 - 10 feet

5 - 10 feet

Low

Full

Report 7 - Stands



Stand	Level 4 Co	over Type	8	Size De	Density Acres Stand Age BA Range Managed Site		Site	General Comments		
94	<u>'</u>			Sapling Well		8.8 33	Immature	N/A	A	2025: Very dense stand of mixed conifer regeneration. Wet areas are heavier to tamarack.Stand was treated in 1992.
	Canopy Species	% Cover	Size Class		Age	Sub-Canopy Species	Density	Avg. Height	Size	Theavier to termination. Starie was treated in 1882.
	Quaking Aspen	5	Sapling/Pole	3		Balsam Fir	Medium	Variable	Variable	
	Balsam Fir	5	Sapling/Pole	4		Tamarack	Medium	5 - 10 feet	5 - 10 feet	
	White Spruce	25	Sapling/Pole	4	33	Tag Alder	Medium	5 - 10 feet	5 - 10 feet	
	Black Spruce	20	Sapling	3		White Spruce	Medium	Variable	Variable	
	Tamarack	30	Sapling/Pole	4	33	Black Spruce	Medium	Variable	Variable	
	White Pine	15	Sapling/Pole	4	33					
96	4139 - Aspen, I	Mixed Dec	iduous P	oletimb	er Well	7.1 27	51-80	N/A	A	2025: Good stand regeneration, mainly aspen, fir, and
	Canopy Species	% Cover Size Class		DBH	Age	Sub-Canopy Species	s Density	Avg. Height	Size	maple.Cut in 1998 under the Broken snowshoe sale. Stand is currently regenerating to aspen, spruce and fir.
	Red Maple	50	Pole	8	85	Quaking Aspen	High	10 - 20 feet	10 - 20 feet	, 3 3 1 7 1
	Paper Birch	5	Pole	8		White Spruce	Medium	5 - 10 feet	5 - 10 feet	
	Quaking Aspen	40	Sapling	2	27	Balsam Fir	Medium	5 - 10 feet	5 - 10 feet	
No	rthern White Cedar	5	Pole	7						-
97	97 4139 - Aspen, Mixed Deciduous Sapling				14.1 4	1-50	N/A		2025: Stand is regenerating very well to aspen, red maple, ash, and white pine. Residual white pine are looking very healthy. Stand was	
	Canopy Species	% Cover Size Class		DBH	Age	Sub-Canopy Species	s Density	Avg. Height	Size	harvested in 2021.Contractor did not finish sale# 03-02-01
	Red Maple	30	Sapling	1	4	Tag Alder	Medium	5 - 10 feet	5 - 10 feet	(Jack's Legacy). Stand 133 was cut under this sale. Dead balsam fir.
	Paper Birch	5	Sapling	1		Balsam Fir	Medium	10 - 20 feet	10 - 20 feet	
	Quaking Aspen	40	Sapling	1	4					
	Balsam Fir	5	Sapling	2						
	White Pine	5	XLog/Log	18						
	White Pine	5	Sapling	1	4					
	Black Ash	10	Sapling	1						
100	42390 - Mixed Non-	Pine Upla	nd Conifers	Sapling	Well	16.9 35	1-50	N/A	4	2025: Nice quality stand of tamarack, spruce, white pine and fir. Stand
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	s Density	Avg. Height	Size	contract 12-87-01 (Woodlawn aspen). This stand was part of stand
	Quaking Aspen	5	Sapling	3		White Spruce	Medium	< 5 feet	< 5 feet	104, but it is the south part of stand and is filling in with balsam fir and
	Balsam Fir	15	Sapling	2		White Pine	Medium	< 5 feet	< 5 feet	spruce regeneration as well as tamarack and white pine.
	White Spruce	15	Sapling/Pole	4	35	Balsam Fir	Low	< 5 feet	< 5 feet	
	Tamarack	45	Sapling/Pole	3	35					
	White Pine	20	Sapling/Pole/Lo	g 2						
101	6120 - Lov			oletimb		10.6 108	81-110	N/A	Ą	2025: Typical Michigan cedar swamp.OI Stand Year Origin was 1917
	Canopy Species		Size Class		Age					
	Paper Birch	10	Pole	9						
	Balsam Fir	10	Pole	9	400					
No	rthern White Cedar	70	Pole	9	108					
	Tamarack	10	Pole	9						

Report 7 - Stands



Stand	d Level 4 C	4 Cover Type Size Density Acres Stand Age BA Range Managed Site		Site	General Comments						
104	4134 - Aspen, Spruce/Fir			Sapling Well		9.7	35	51-80	N/A		2025: Good aspen regeneration. Aspen regeneration, north part
	Canopy Species	% Cover	Size Class	DB	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	of stand. The south part is now stand 100. Treated in 1990, contract # 12-87-01 (woodlawn Aspen).
	Quaking Aspen	70		5	35	Ва	ılsam Fir	Low	5 - 10 feet	5 - 10 feet	12 or or (woodiam riopon).
	Balsam Fir	10	Pole	5		Whi	te Spruce	High	5 - 10 feet	5 - 10 feet	
	White Spruce	10	Sapling	2		W	hite Pine	Medium	5 - 10 feet	5 - 10 feet	
	Tamarack	5	Sapling/Pole	4							_
	White Pine	5		6							
106	4134 - Asp	en, Spruce	/Fir	Saplir	g Well	37.9	4	1-50	N//	4	2025: Nice aspen regeneration with fir component.More
	Canopy Species	% Cover	Size Class	DB	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	balsam than aspen.
	Red Maple	5	Sapling	1	4	Ва	ılsam Fir	Medium	Variable	Variable	
	Quaking Aspen	75	Sapling	1	4	Ta	ag Alder	Low	5 - 10 feet	5 - 10 feet	
	Balsam Fir	15	Sapling/Pole	1	4				1	<u>'</u>	
	White Spruce	5	Sapling	1							
110	6129 - Mixed Conit	erous Lowl	and Forest Pol	letimbe	er Mediu	ım 10.3	65	51-80	N/A	4	2025: Stand was harvested in 2013. Good to moderate regeneration.
	Canopy Species % Co		Size Class	ass DBH Age		Sub-Canopy Speci		Density	Avg. Height	t Size	Some spots are filling in with mixed lowland species. This stand is part of the 2011 additional acreage. Shelterwood-seed. Treated in
	Black Spruce	40 Pole/Sapling 30 Pole		5	65	Blad	ck Spruce	Low	< 5 feet	< 5 feet	2013, addition to 426 Leftover Sale, #330010701 UNIT 5.
No	orthern White Cedar			9 8		Ва	ılsam Fir	Low	< 5 feet	< 5 feet	
	Tamarack	30	Pole/Sapling	5		Bals	am Poplar	Trace	Variable	Variable	
						Вι	uckthorn	Low	5 - 10 feet	5 - 10 feet	
						Pa	per Birch	Trace	Variable	Variable	
						Ta	ag Alder	High	5 - 10 feet	5 - 10 feet	
111	4136 - Asper	n, Mixed Co	nifer	Saplir	g Well	11.6	12	Immature	N//	4	2025: Very good aspen regeneration. Small cedar component for this
	Canopy Species	% Cover	Size Class	DB	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	stand. Treated in 2013 , 426 leftover sale, #330010701.
	Quaking Aspen	75	Sapling	1	12	Whi	te Spruce	Low	< 5 feet	< 5 feet	
	Balsam Fir	5	Sapling/Pole	4		Ва	ılsam Fir	Low	< 5 feet	< 5 feet	
	White Spruce	5	Sapling/Pole	4		,					-
No	orthern White Cedar	15	Pole	9							
112	6120 - Lo	wland Ceda	ar P	oletim	ber Wel	J 5.6	112	81-110	N//	4	Balsam fir is dead or dying. Some mature timber but not enough to go after and treat this time around.
	Canopy Species	% Cover	Size Class	DB	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	go anter and treat tills tillle around.
	Red Maple	3	Pole	9		W	hite Pine	Trace	Variable	Variable	
	Paper Birch	5	Pole	9		Whi	te Spruce	Medium	5 - 10 feet	5 - 10 feet	
	Balsam Poplar	2	Pole	9		Ta	ag Alder	Low	5 - 10 feet	5 - 10 feet	
	Balsam Fir	5	Pole	9							
No	orthern White Cedar	75	Pole	9	112						
	Black Ash	10	Pole	8							



Stand	Level 4 Co	Level 4 Cover Type Size Density Acres Stand Age BA Range		Managed S	ite	General Comments					
113	4130	;	Sapling Well		Sapling Well		40.7 33	1-50	N/A		2025: Nice quality aspen stand with fir and spruce
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Canopy Species	Density	Avg. Height	Size	component.Treated in 1992, contract 15-90-01 (Lost Photo Aspen).	
	Quaking Aspen	75		7	33	White Spruce	Medium	< 5 feet	< 5 feet		
	Balsam Poplar	10	Pole/Sapling	5		Red Maple	Low	< 5 feet	< 5 feet		
	Balsam Fir	5	Sapling	2		Balsam Fir	Medium	< 5 feet	< 5 feet		
	White Spruce	5		4		Tamarack	Low	< 5 feet	< 5 feet		
	Tamarack	5		3							
115	4130	- Aspen		Unspe	cifed	27.2 1				2025: Aspen stand that was harvested in 2024-2025 for the 426 Split	
						Sub-Canopy Species	Density	Avg. Height	Size	Sale. SCATTERED MERCHANABLE TREES SCATTERED THROUGH STAND. AREA WAS TREATED IN LATE 70'S EARLY	
						Red Maple	Trace	< 5 feet	< 5 feet	80'S.	
						Quaking Aspen	Trace	< 5 feet	< 5 feet		
						Balsam Fir	Low	< 5 feet	< 5 feet		
116	116 4134 - Aspen, Spruce/Fir Sapling		g Well	8.9 22	1-50	N/A	1	2025: Higher quality aspen stand. Average dbh is 4 inches. Fir and			
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy Species	Density	Avg. Height	Size	spruce component. Treated in winter of 2003 under the woodlawn aspen II sale. Coming back to a fully stocked aspen stand	
	Quaking Aspen	80	Sapling/Pole	4	22	Balsam Fir	Medium	< 5 feet	< 5 feet	with some balsam fir in the understory.	
	Balsam Fir	20	Sapling/Pole	4		Black Ash	Low	5 - 10 feet	5 - 10 feet		
117	6120 - Lov	) - Lowland Cedar Po		etimbe	r Mediu	m 13.8 85	1-50	N/A	1	2025: Scattered stunted cedar stand.Scattered small cedar with	
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Canopy Species	Density	Avg. Height	Size	lowland brush in understory.	
	Quaking Aspen	5	Pole	9		Tag Alder	High	5 - 10 feet	5 - 10 feet		
	Balsam Fir	5	Pole	6							
No	rthern White Cedar	90	Pole	7	85						
119	4134 - Aspe	en, Spruce/	Fir :	Saplin	y Well	18.6 12	Immature	N/A		2025: Very good aspen regeneration. Average dbh is 2 inches. Small	
	Canopy Species	% Cover Size Class		DBH	I Age	Sub-Canopy Species	Density	Avg. Height	Size	component of spruce, fir, and cedar.Treated in 2013, 426 Leftover. #330010701.	
	Quaking Aspen	70	Sapling	2	12	Balsam Fir	Low	5 - 10 feet	5 - 10 feet		
	Balsam Fir	10	Sapling/Pole	4		Tag Alder	Low	5 - 10 feet	5 - 10 feet		
	White Spruce	10	Sapling/Pole	4		Red Osier Dogwood	Low	5 - 10 feet	5 - 10 feet		
No	rthern White Cedar	5	Pole	9		White Spruce	Low	< 5 feet	< 5 feet		
	Tamarack	5	Sapling	1						-	
					_	13.5 86	1-50	N/A	\	2025: Sparsely stocked tamarack stand. Stand should seed in more	
120	6121 - 7	Гатагаск	Po	oletimb	er Pooi	13.5 00				within the many entries I and and bounds with a settlement to a set	
120	6121 - 7 Canopy Species		Size Class		er Pool	Sub-Canopy Species	Density	Avg. Height	Size	within the next entries.Lowland brush with scattered tamarack	
120							<b>Density</b> High	Avg. Height 5 - 10 feet	Size 5 - 10 feet	and spruce. Tamarack very low stocking, understory is thick tag alder, and buckthorn. Narrow ridge of balsam fir, spruce, and aspen	
120	Canopy Species	% Cover	Size Class	DBH		Sub-Canopy Species			1	and spruce. Tamarack very low stocking, understory is thick tag	
120	Canopy Species Balsam Fir	% Cover	Size Class Pole/Sapling	<b>DB</b> I 5		Sub-Canopy Species Tag Alder	High	5 - 10 feet	5 - 10 feet	and spruce. Tamarack very low stocking, understory is thick tag alder, and buckthorn. Narrow ridge of balsam fir, spruce, and aspen	



Stand	Level 4 Co	el 4 Cover Type Size Density Acres Stand Age BA Range Managed Site		Site	General Comments				
122	6120 - Lov	6120 - Lowland Cedar			10.2 116	81-110	N//	Α	2025: Lowland cedar stand with a shrub component.Some
	Canopy Species % Cover Size Class DBI		DBH Age	Sub-Canopy Specie	es Density	Avg. Height	Size	nice cedar with other short lived species mixed in.	
	Paper Birch	5	Pole	7	White Spruce	Low	< 5 feet	< 5 feet	
	Balsam Fir	5	Pole	5	Tag Alder	Medium	5 - 10 feet	5 - 10 feet	
	White Spruce	5	Pole	6	Red Osier Dogwood	d Low	5 - 10 feet	5 - 10 feet	
Nor	thern White Cedar	80	Pole	8 116	Balsam Fir	Low	< 5 feet	< 5 feet	
	Black Ash	5	Pole	7		1			-
24	6121 - <sup>-</sup>	Гатагаск		Unspecifed	22.9 5	1-50			2025: Tamarack stand cut in 2020 under the 426-split sale. Stand is
					Sub-Canopy Specie	es Density	nsity Avg. Height Size		poor to moderately stocked. Stand needs more time to seed in.West edge is heavy to spruce.
					Black Spruce	Low	< 5 feet	< 5 feet	III. West edge is fleavy to spruce.
					Tag Alder	High	5 - 10 feet	5 - 10 feet	
					Balsam Fir	Low	5 - 10 feet	5 - 10 feet	
					Tamarack	Medium	< 5 feet	< 5 feet	
25 122 - Road/Parking Lot None					12.5	1	No	)	County road 426 and ROW.
26	6221	6221 - Fen		None	6.3		No	)	
			Sub-Canopy Specie	es Density	Avg. Height	Size			
					Balsam Fir	Low	Variable	Variable	
					Black Spruce	Low	Variable	Variable	
					Northern White Ceda	ar Low	>20 feet	>20 feet	
28	6139 - Mixed	Lowland F	orest	Unspecifed	11.9 85				2025: Low stocked lowland stand. Trees are patchy and
					Sub-Canopy Speci	es Density	Avg. Height	Size	sparse.Pocket of aspen at 4.3 acres on the east portion that was cut.
					Balsam Fir	Low	Variable	Variable	was out.
					Willow spp.	Medium	Variable	Variable	
					Alder	Medium	5 - 10 feet	5 - 10 feet	
					Black Spruce	Low	Variable	Variable	
33	4134 - Aspe	en, Spruce	/Fir	Sapling Well	32.4 19	Immature	N//	A	2025: Stand is regenerating well. Average dbh of the regeneration is
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Canopy Speci	es Density	Avg. Height	Size	5 inches.: This stand was harvested in 2006 under contract 33-003-02-01. Stand was originally part of stand 97. Contractor did no
(	Quaking Aspen	55	Sapling	3 19	Balsam Fir	Medium	5 - 10 feet	5 - 10 feet	finish the sale. The south unit of sale remained stand 97 and this
	Balsam Fir	30	Pole/Sapling	5 50	Tag Alder	Low	5 - 10 feet	5 - 10 feet	stand was created to reflect the area that was harvested.
Nor	thern White Cedar	5	Pole	8	White Spruce	Medium	5 - 10 feet	5 - 10 feet	
	White Pine	5	XLog/Log	18		1	ı	1	_
	Black Ash	5	Sapling/Pole	. 4					
400 310 - Herbaceous Openland None				15.4 Yes				2025: Grassy opening with scattered trees growing in. BURNED THIS AREA IN 1997. Scattered spruce, fir, pine, maple, and aspen.	

Escanaba Mgt. Unit

## Report 7 - Stands



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age BA Range	Managed Site	General Comments
443	310 - Herbaceous Openland	None	2.7		Yes	2025: Grassy opening planted to rye.Scattered clumps of maple, aspen, spruce and fir.
444	310 - Herbaceous Openland	None	2.9		Yes	2025: Planted opening with a few scattered spruce and maple.Couple scattered clumps of trees.