



# Compartment Review Presentation

Escanaba Forest Management Unit

Compartment 33102

Entry Year 2027

Acreage: 681

County: Delta

Management Area: Menominee-Marquette

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**Stand Examiner:** George Wilson

**Legal Description:**

T42N, R22W, Sections 2 and 11

**Identified Planning Goals:**

This compartment has 336 acres of hardwood thinning treatments, and 23 acres of lowland clearcuts containing ash and lowland coniferous species. This compartment contains a large amount of hardwoods.

**Soil and topography:**

Soil series include Longrie, Carbondale, Cathro, Trenary, Sundell, Ensley, and Charleviox. Topography is gently rolling to mostly level. Limestone bedrock plays a larger role within this compartment.

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

This compartment is part of a block of state land south of E. Maple Ridge Road that is approximately 5000 acres. North and west of this compartment is state land. South and east of this compartment is private forestland managed for timber and recreational purposes.

**Unique Natural Features:**

None Known

**Archeological, Historical, and Cultural Features:**

None Known

**Special Management Designations or Considerations:**

The Friday Creek riparian corridor Special Management area is located in the northern part of the compartment.

**Watershed and Fisheries Considerations:**

The northern region of this compartment contains Elm Creek. Elm Creek is a designated Type 1 trout stream less than 50 feet wide and has a predicted mean July water temperature of 64.2°F (cold stream). The southern region of this compartment contains an unnamed stream that serves as a tributary to the Rapid River. The unnamed stream is a designated Type 1 trout stream less than 50 feet wide and has a predicted mean July water temperature of 63.7°F (cold stream). A 300' buffer is recommended for Elm Creek and the unnamed stream 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 small compartment is predominantly northern hardwood forest of sugar maple and basswood. Friday creek flows through the north portion of this compartment and provides riparian habitat for many species of wildlife. Planned harvests for this year of entry include a couple small clearcuts in lowland deciduous stands, and single tree selections in upland hardwood stands across a large proportion of the compartment. Elm Creek runs through this compartment and is known to contain Wood Turtles. As such, appropriate buffers and winter cut specs will be applied to protect these turtles. Featured species within this compartment include White-tailed Deer, Wild Turkey, Black Bear, and Wood Thrush. This compartment contains openings managed for wildlife through planting and mowing.

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

No known potential exists for commercial oil & gas production in this part of the state. No active sand & gravel operations are known to exist in the area. Glacial sediments are relatively thin in this area, and bedrock limestone appears to be within 30 feet of the surface across much of the compartment. The limestone is commonly quarried elsewhere in region. There may be potential for development of aggregates within the compartment on the uplands. Both remote and ground-based metallic mineral exploration has occurred in the area. Past test drilling for iron ore targeted magnetic anomalies. No such anomalies are apparent in the magnetic survey data covering the compartment. In addition, there is no current leasing activity involving State-owned mineral rights in the area. Potential for commercial development of metallic minerals from beneath the compartment is considered low at this time. The State does not own all the mineral rights within the compartment. Because the mineral estate is the dominant estate, the surface owner must provide the owner of the mineral

rights reasonable access to the surface for mineral exploration and development.

**Vehicle Access:**

Access to this compartment is very good. Most of the compartment can be access from the Maki Road which runs through the middle of this stand. The northeast corner of this compartment is accessible but access is through private land.

**Survey Needs:**

Private line establishment will be required to establish the timber sale boundaries. Some survey corners may be needed to establish the private line boundaries.

**Recreational Facilities and Opportunities:**

There are no developed facilities within this compartment. There are plenty of opportunities for hunting.

**Fire Protection:**

The timber types in this compartment are not prone to fire. There is a water source nearby.

**Additional Compartment Information:**

\*\*\*\* Cover type details, proposed treatments and stands designated as FDF are listed in the attached reports:

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

\*\*\*\* The following information is displayed 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:**

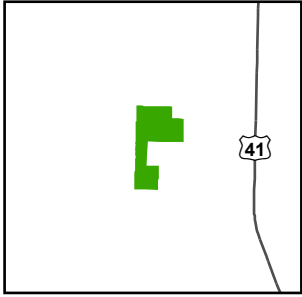
**Total Acres by Cover Type and Age Class**  
**Cover Type by Harvest Method**  
**Proposed Treatments – No Limiting Factors**  
**Proposed Treatments – With Limiting Factors**  
**Stand Details (Forested and Nonforested)**  
**Dedicated and Proposed Special Conservation Areas**  
**Site Condition Details**

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

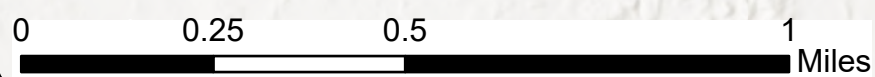
**Base feature information, stand boundaries, cover types, and numbers**  
**Proposed treatments**  
**Site condition boundaries**  
**Details on the road access system**



Compartment: 33102  
T42N, R22W, Sections 2 and 11  
County: Delta  
Unit: Escanaba  
Mgmt. Area: Menominee-Marquette  
YOE: 2027  
Acres: 681.02 GIS Calculated  
Examiner: George Wilson  
Date Exported: 12/12/2025  
Map Phase: Post Review

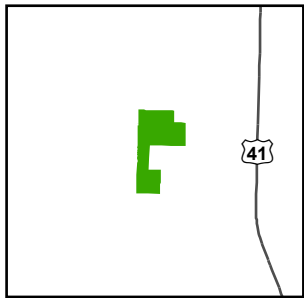







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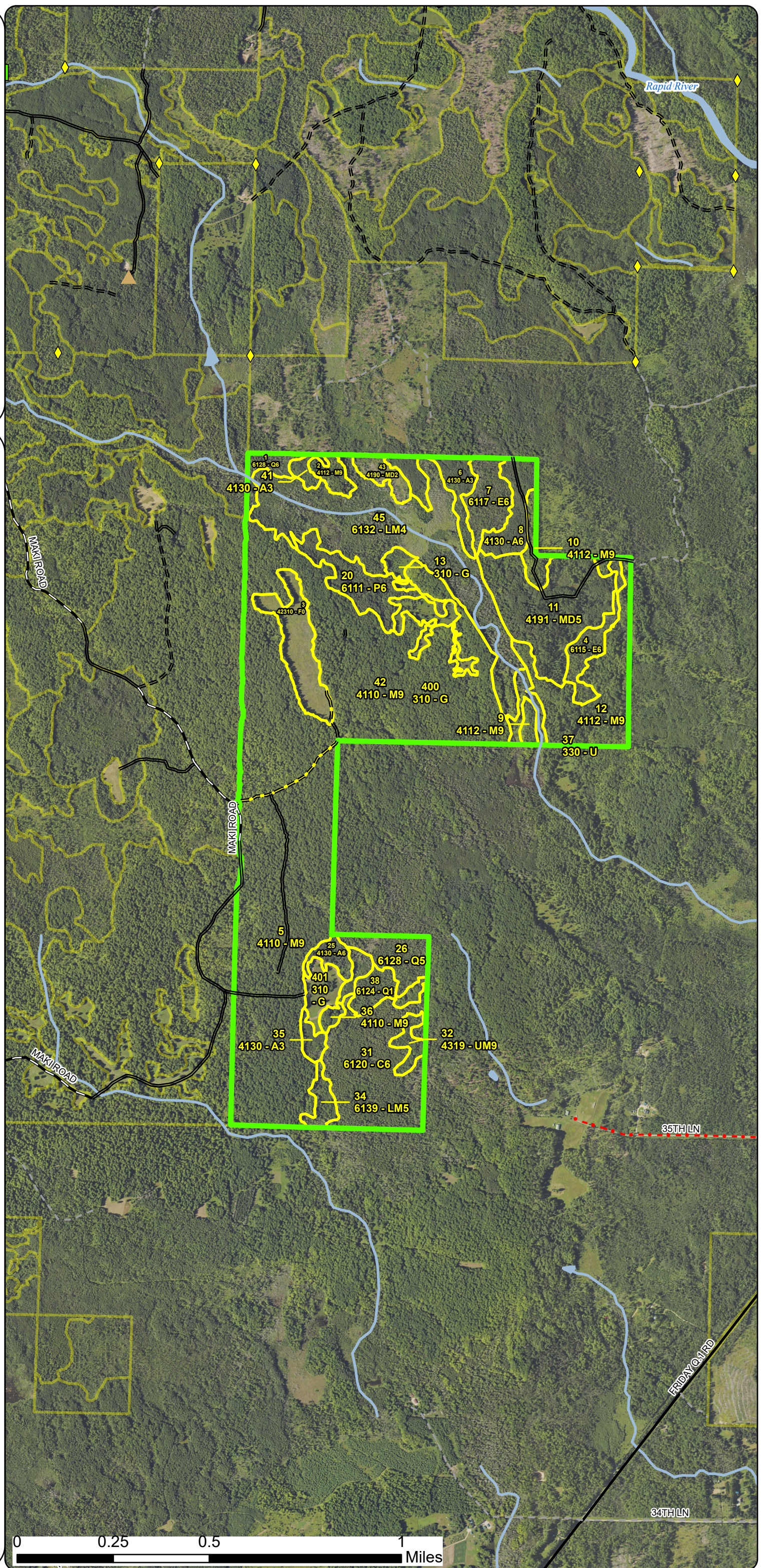




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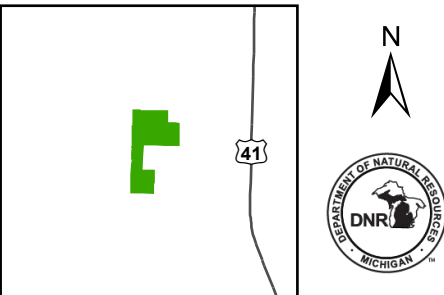
-  Survey Grade Corners  
 Berm  
 Gate  
 Compartment Boundary  
 Stand Outline
- 411 - Northern Hardwood  
 413 - Aspen  
 419 - Mixed Upland Deciduous  
 423 - Other Upland Conifers  
 430 - Upland Mixed Forest  
 611 - Lowland Deciduous Forest  
 612 - Lowland Coniferous Forest  
 613 - Lowland Mixed Forest  
 310 - Herbaceous Openland  
 330 - Low Density Trees



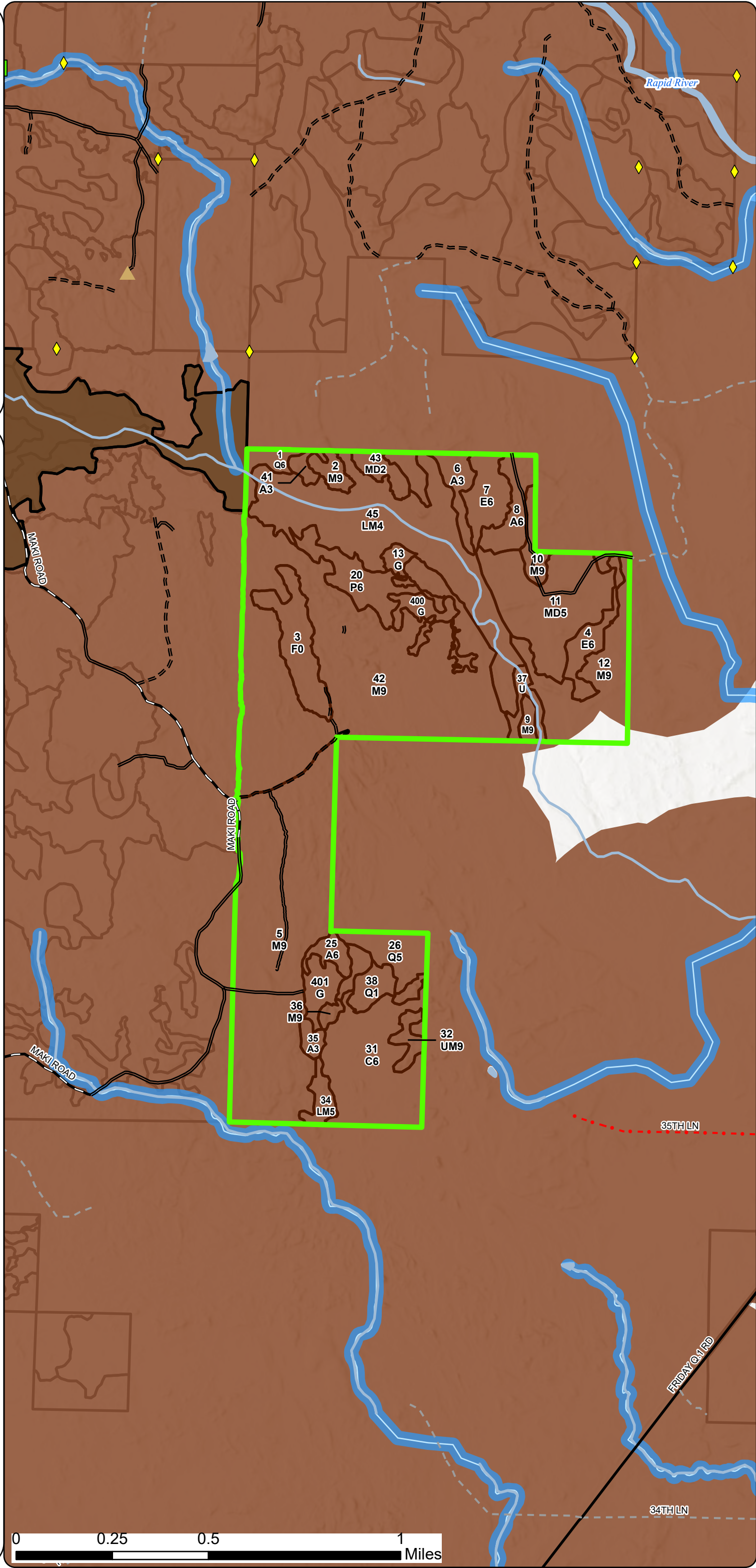


Special Conservation Areas  
& Site Conditions Map

Compartment: 33102  
T42N, R22W, Sections 2 and 11  
County: Delta  
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Map Phase: Post Review



- Survey Grade Corners
- Berm
- Gate
- Compartment Boundary
- Stand Boundaries
- SCA
- Cold Water Streams
- High Priority Trout Stream Buffer
- Deer Winter Range
- Vernal Pool
- Sand or Gravel Pit



# Report 1 – Total Acres by Cover Type and Age Class



## Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Uneven-Aged	Total
Aspen	0	0	7	15	17	0	0	0	0	0	0	0	0	0	0	0	0	0	39
Cedar	0	0	0	0	0	0	0	0	0	0	0	0	0	46	0	0	0	0	46
Herbaceous Openland	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20
Low-Density Trees	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Lowland Aspen/Balsam Poplar	0	0	0	0	0	17	0	0	0	0	0	0	0	0	0	0	0	0	17
Lowland Conifers	0	0	0	0	6	0	0	0	0	0	13	0	0	6	0	0	0	0	24
Lowland Deciduous	0	0	0	0	0	0	0	0	0	13	10	0	0	0	0	0	0	0	23
Lowland Mixed Forest	0	0	0	0	0	0	0	0	0	0	87	0	0	0	0	0	0	0	87
Mixed Upland Deciduous	0	6	0	0	44	0	0	0	0	0	0	0	0	0	0	0	0	0	50
Northern Hardwood	0	0	0	0	0	0	0	0	0	0	343	0	0	0	0	0	0	0	343
Upland Mixed Forest	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	7
Upland Spruce/Fir	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19
<b>Total</b>	<b>44</b>	<b>6</b>	<b>7</b>	<b>15</b>	<b>67</b>	<b>17</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>13</b>	<b>453</b>	<b>0</b>	<b>0</b>	<b>52</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>680</b>



## Report 2 – Treatment Summary

Escanaba Mgt. Unit  
Year of Entry: 2027

Acres of Harvest

Compartment 102  
Total Compartment Acres: 681

Commercial Harvest - 722  
Harvests with Site Condition - 0  
Next Step Harvest - 0  
Habitat Cut - 0

### Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overstory Removal	Salvage	Other	Total Acres
Lowland Deciduous	23	0	0	0	0	0	0	0	0	23
Northern Hardwood	0	333	0	0	5	0	0	0	0	338
Total	23	333	0	0	5	0	0	0	0	360

### Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	360	0	0	0	0	0	19	0	0	400
Next Step	0	0	0	0	0	0	360	0	0	360
Total	360	0	0	0	0	0	380	0	0	760



S t 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
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**Approved Treatments:**

<b>2</b>	<b>33102002-Cut</b>	4.6	4112 - Maple, Beech, Cherry Association	9	91	81-110	Harvest	Shelterwood	4319 - Mixed Upland Forest	Cutting Record	No
<u>Prescription</u> Harvest stand down 30-40 BA, mark healthy red maple, birch, and cherry for reserves. Harvest is only allowed during October 1 - March 14, this is due to the wood turtle guidance. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Northern hardwoods <u>Regen:</u> <u>Other</u> Monitor regeneration, if stand doesn't regenerate, we might need to open the canopy more. <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026											
<b>3</b>	<b>33102003-Monitor</b>	19.4	42310 - Planted Spruce	0	3		Monitoring	Monitoring - Regeneration	42320 - Upland Spruce	Planting Record	No
<u>Prescription</u> Monitor the regeneration of spruce planting. <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> White spruce and other conifers. <u>Regen:</u> <u>Other</u> Percent to Treat = 100% <u>Comment:</u> This stand was field checked in 10/2022. The seedlings are about 3 to 5 inches tall as of 10/22. <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2023											
<b>4</b>	<b>33102004-Cut</b>	9.9	6115 - Lowland Ash	6	93	81-110	Harvest	Clearcut	613 - Lowland Mixed Forest	Planting Record	No
<u>Prescription</u> Harvest all species 3 inches in diameter and above. Leave all cedar and hemlock if found. Leave 3-10% retention. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Mixed lowland species <u>Regen:</u> <u>Other</u> Winter harvest only due to deer yard. Monitor the regeneration. This stand may take a longer period of time to regenerate. <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026											





S t 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
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5	33102005-Cut	126.8	4110 - Sugar Maple Association	9	97	111-140	Harvest	Selection	411 - Northern Hardwood	Current	No
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Prescription Specs: Single Tree Selection: Harvest Stand down to 80 BA, favor leaving yellow birch, black cherry and basswood for seed. If creating gaps, follow the canopy gap creation guidance.

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

Acceptable Regen: Northern Hardwood species

Other Comment: Winter harvest only due to deer yard and wood turtle guidance.

Site Condition:

Proposed Start Date: 10/01/2026

7	33102007-Cut	12.7	6117 - Lowland Deciduous, Mixed Coniferous	6	88	51-80	Harvest	Clearcut	613 - Lowland Mixed Forest	Planting Record	No
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Prescription Specs: Clearcut everything 3 inches or greater in diameter. Leave all cedar, yellow birch and hemlock if found. Leave 3-10% retention.

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

Acceptable Regen: Lowland deciduous and coniferous species.

Other Comment: Winter harvest only due to deer yard. Monitor the regeneration, this stand may take longer to regenerate.

Site Condition:

Proposed Start Date: 10/01/2026

10	33102010-Cut	5.8	4112 - Maple, Beech, Cherry Association	9	97	111-140	Harvest	Selection	411 - Northern Hardwood	Current	No
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Prescription Specs: Harvest stand down to 80 BA, focus on removal of poor quality and poor form trees. Leave some yellow birch as a seed source. If creating gaps, follow the canopy gap guidance.

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

Acceptable Regen: Northern Hardwoods

Other Comment: Monitor stand regeneration as this stand may need more gaps or a different prescription.

Site Condition:

Proposed Start Date: 10/01/2026



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
<b>12 33102012-Cut</b>	36.3	4112 - Maple, Beech, Cherry Association	9	90	111-140	Harvest	Selection	411 - Northern Hardwood	Current	No
<u>Prescription Specs:</u> Harvest stand down to 60 BA. Remove poor quality and declining trees. Favor leaving minor represented species while marking. If creating canopy gaps, follow the canopy gap guidance memo. <u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory) <u>Acceptable Regen:</u> Northern hardwoods species <u>Other Comment:</u> Winter harvest only due to deer wintering yard, and wood turtle guidance. Monitor regeneration as additional work may be needed, such as more canopy gaps. <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										
<b>13 33102013-Opening</b>	3.4	310 - Herbaceous Openland	99			Openings Mgmt.	Openings Mgmt.	310 - Herbaceous Openland	Previous Inventory	No
<u>Prescription Specs:</u> 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 <u>Next Step Treatments:</u> <u>Acceptable Regen:</u> <u>Other Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										
<b>42 33102042-Cut</b>	164.1	4110 - Sugar Maple Association	9	97	81-110	Harvest	Selection	411 - Northern Hardwood	Current	No
<u>Prescription Specs:</u> Harvest stand down to 70 BA, favor leaving yellow birch, cherry, and basswood for seed. Follow the canopy gap guidance memo in areas with or expected to have advanced regeneration. Leave all Butternut. <u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory) <u>Acceptable Regen:</u> Northern hardwood species. <u>Other Comment:</u> Winter harvest only due to deer yard and known presence of wood turtles in Elm creek. Monitor the regeneration in this stand, this may need an additional prescription. <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
<b>400 33102400-Opening</b>	8.7	310 - Herbaceous Openland	99			Openings Mgmt.	Openings Mgmt.	310 - Herbaceous Openland	Previous Inventory	No
<u>Prescription</u> Prescribed fire, farming (dozing, disking, raking, herbiciding, seeding (native or naturalized species only)), fertilizing and liming, brushhog/saw <u>Specs:</u> removal of competing trees and establishment of native hard and soft mast producers such as red oak, crabap  <u>Next Step</u> <u>Treatments:</u>  <u>Acceptable</u> <u>Regen:</u>  <u>Other</u> <u>Comment:</u>  <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2025										
<b>401 33102401-Opening</b>	7.8	310 - Herbaceous Openland	99			Openings Mgmt.	Openings Mgmt.	310 - Herbaceous Openland	Previous Inventory	No
<u>Prescription</u> Prescribed fire, farming (dozing, disking, raking, herbiciding, seeding (native or naturalized species only)), fertilizing and liming, brushhog/saw <u>Specs:</u> removal of competing trees and establishment of native hard and soft mast producers such as red oak, crabap  <u>Next Step</u> <u>Treatments:</u>  <u>Acceptable</u> <u>Regen:</u>  <u>Other</u> <u>Comment:</u>  <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2025										

**Total Treatment** 399.5  
**Acreage Proposed:**



# Report 4 – Site Conditions

Escanaba Mgt. Unit  
George Wilson: Examiner

Compartment: 102  
Year of Entry: 2027



## Availability for Management

Total Acres	Acres Available	Acres Available With Condition	Acres Not Available
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## Dominant Site Conditions

Acres	Available	<i>With Condition</i>	Not Available		5C	5F	2H	3G	3J	3L	5E
39	39	0	0	Aspen							
46	0	0	46	Cedar						46	
20	20	0	0	Herbaceous Openland							
5	0	0	5	Low-Density Trees					5		
17	17	0	0	Lowland Aspen/Balsam Poplar							
24	12	13	0	Lowland Conifers	13						
23	23	0	0	Lowland Deciduous							
87	0	0	87	Lowland Mixed Forest				5	82		
44	0	44	1	Mixed Upland Deciduous		44					1
343	339	2	3	Northern Hardwood	2		3				
7	0	0	7	Upland Mixed Forest			7				
19	19	0	0	Upland Spruce/Fir							
676	469	58	149	Total Forested Acres	14	44	9	5	87	46	1
	69%	9%	22%	Relative Percent							

\*Due to limitations in the current Site Conditions Analysis tool, all nonforested acres are considered available. Future development will enable analysis of nonforested types.

Site No.	Dominant Site Cond	Dominant Site Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	3	Unspecified	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Blocked by rivers and RMZ to the east and west.								
2	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	5	Unspecified	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> This stand is a part of the Friday creek riparian corridor. The Friday creek runs through the middle of the stand.								

## Report 4 – Site Conditions

Escanaba Mgt. Unit  
George Wilson: Examiner

Compartment: 102  
Year of Entry: 2027



3	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	13	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Look to treat with larger stand 24 and islands of 32 and 36 next treatment period.							
4	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	82	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Friday creek RMZ							
5	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	7	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Difficult access due to cedar swamp and private land access.							
6	Unavailable	3G: Other influence zones - See comments	5	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Potential treatment in a few pockets when the larger stand 24 is harvested.							
7	Available	5F: Evaluated for Forest Health Considerations	44	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Aspen regen with scattered Fb, Fs.							
8	Unavailable	3L: Other wildlife concerns	46	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> High amount of northern white cedar. Lack of treatment due to Deer Winter Range Guidelines.							



# Report 4 – Site Conditions

Escanaba Mgt. Unit  
George Wilson: Examiner

Compartment: 102  
Year of Entry: 2027



10	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
11	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments: 2025: Hold off on treating this stand until next entry.							
13	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
14	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Mgt. Unit

Compartment: #Type!

Year of Entry:

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

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
Comments				





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Stand

Level 4 Cover Type

Size Density

Acres

Stand Age

BA Range

Managed Site

General Comments

26

6128 - Lowland Coniferous, Mixed Deciduous

Poletimber Medium

12.5

90

81-110

N/A

2025: Mainly a cedar stand with a hardwood component. There is a large amount of cedar blown over in the western corner. Somewhat low ground. Northwest corner is a pocket of cedar with large yellow birch, white spruce, and black ash. The southeast portion was included with stand 32. Full understory of balsam fir and mixed species with scattered overstory of paper birch, cedar, mixed deciduous and mixed conifer. Look at treating with stand 32 and larger stand 24 to make harvest worthwhile and increase the volume of balsam fir.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	5	Pole	9	
Yellow Birch	10	Pole	9	
Paper Birch	10	Pole	9	75
Balsam Poplar	5	Pole	9	
Balsam Fir	15	Pole/Sapling	5	
White Spruce	5	Pole	9	
Northern White Cedar	45	Log/Pole	10	90

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Full	Variable	Variable
Black Ash	Low	Variable	Variable
Paper Birch	Low	5 - 10 feet	5 - 10 feet
Tag Alder	Low	5 - 10 feet	5 - 10 feet
Yellow Birch	Low	10 - 20 feet	10 - 20 feet
White Spruce	Medium	Variable	Variable

31

6120 - Lowland Cedar

Poletimber Well

46.4

126

171-200

N/A

2025: Cedar swamp with a small birch and ash component. Predominately cedar in the north part of the stand and as you go south stand has more birch mixed in. Small island of balm on south end. Smaller as you go south.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	2	Pole/Log	9	
Paper Birch	5	Pole/Log	9	
Balsam Fir	5	Pole	9	
Northern White Cedar	88	Pole/Log	9	126

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Low	5 - 10 feet	5 - 10 feet
Northern White Cedar	Low	>20 feet	>20 feet
Balsam Poplar	Low	10 - 20 feet	10 - 20 feet

32

4319 - Mixed Upland Forest

Sawtimber Well

6.6

126

81-110

N/A

2025: Hardwood stands that are blocked by a cedar stand to the west. This stand is in the deer wintering complex so cutting of cedar is not allowed. Ridges of hardwood within a cedar type with mostly cedar between the ridges. The north piece was broken out of stand 26 with more red maple and less cedar than the south piece. Balsam understory. Look to treat this with stand 36 and larger stand 34 making this stand worthwhile to harvest.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	30	Log/Pole	12	70
Yellow Birch	15	Log	14	
Balsam Fir	10	Pole	9	
White Spruce	5	Pole	9	
Northern White Cedar	40	Log/Pole	10	126

Sub-Canopy Species	Density	Avg. Height	Size
Northern White Cedar	Low	>20 feet	>20 feet
Balsam Fir	Medium	Variable	Variable

34

6139 - Mixed Lowland Forest

Poletimber Medium

5.2

92

51-80

N/A

2025: Stand is mainly dead ash with some yellow birch and fir. This could be treated in the next 2 entrys but stand is mainly poles. Stand is filling in with red maple, balsam fir, balm, and ash. Small area of cattails (NW). BA ranges from 30-100.

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Poplar	10	Pole	7	
Balsam Fir	20	Pole	8	
White Spruce	15	Pole	8	
Northern White Cedar	15	Log	10	
Black Ash	40		6	92

Sub-Canopy Species	Density	Avg. Height	Size
Black Ash	High	10 - 20 feet	10 - 20 feet
Balsam Poplar	Low	10 - 20 feet	10 - 20 feet
Red Maple	Low	10 - 20 feet	10 - 20 feet
Balsam Fir	Medium	5 - 10 feet	5 - 10 feet
White Spruce	Low	5 - 10 feet	5 - 10 feet

35

4130 - Aspen

Sapling Well

6.8

13

Immature

N/A

2025: Aspen is very full and healthy. Treated in 2012 under permit 330181102, Second half sale. Winter harvest. This stand was part of the 2011 additional acreage.

Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	85	Sapling	2	13
Balsam Fir	5	Sapling	2	
Northern White Cedar	5	Pole	9	
Black Ash	5	Pole	8	





Stand

Level 4 Cover Type

Size

Density

Acres

Stand Age

BA Range

Managed Site

General Comments

36

4110 - Sugar Maple Association

Sawtimber Well

1.9

97

111-140

N/A

2025: Moderate quality northern hardwood stand. Has a component of basswood and yellow birch. Basal area does varies in spots but remains above 100. Low regeneration of maple.This stand was harvested fall of 2004 under contract number 33-002-02-01 "102 Part Two". This stand is similar to stand 24. Harvest with larger hardwood stand 24 when that is ready. Three plots average 93 BA ranging from 50-130.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	65		10	97
Red Maple	5		10	
Yellow Birch	5	Pole	8	
Basswood	20	Log/Pole	10	
Balsam Fir	5	Pole	8	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Medium	Variable	Variable
Ironwood	Full	< 5 feet	< 5 feet
White Spruce	Low	5 - 10 feet	5 - 10 feet

37

330 - Low-Density Trees

None

5.4

No

This stand is within the Friday Creek riparian area which and provides a wildlife travel corridor. SCA value is riparian buffer along Friday Creek. Scattered cedar, white spruce, maple on edge, tag alder, balm, with overall less than 25% cover type.

38

6124 - Lowland Spruce-Fir

Sapling Poor

6.4

35

1-50

N/A

2025: This stand is a wetland mixed with saplings and poles.Very poorly stocked stand. Mostly an L type. Mixed reproduction of tamarack, spruce, balsam, birch, black ash.

Canopy Species	% Cover	Size Class	DBH	Age
Paper Birch	15	Sapling/Pole	4	
Balsam Fir	35	Pole/Sapling	5	35
White Spruce	30	Pole/Sapling	5	
Black Spruce	15	Sapling/Pole	3	
Black Cherry	5	Pole	6	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Medium	5 - 10 feet	5 - 10 feet
Tag Alder	High	5 - 10 feet	5 - 10 feet
White Spruce	Medium	5 - 10 feet	5 - 10 feet
Black Spruce	Low	< 5 feet	< 5 feet

41

4130 - Aspen

Sapling Well

2.9

23

Immature

N/A

2025: Good aspen regeneration, dbh average is 4 inches.This stand was treated in 2001 under contract number 33-015-97-01 "3rd Times a Charm". Was part of stand 2 but when sale was prepared this stand was treated different due to the amount of aspen in it. North end of stand is a3 with the south end dropping into white spruce, balsam fir, red maple, paper birch, and some black cherry.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	10	Sapling	3	
Paper Birch	10	Sapling	3	
Quaking Aspen	65		4	23
Balsam Fir	5	Sapling	3	
White Spruce	5	Sapling	3	
Black Cherry	5	Sapling	3	

Sub-Canopy Species	Density	Avg. Height	Size
Black Cherry	Low	5 - 10 feet	5 - 10 feet
Balsam Fir	Low	5 - 10 feet	5 - 10 feet
White Spruce	Low	5 - 10 feet	5 - 10 feet

42

4110 - Sugar Maple Association

Sawtimber Well

164.2

97

81-110

N/A

2025: Higher quality northern hardwood stand. The stand is sugar maple dominated with a component of basswood, yellow birch and cherry. Average BA is 110 with some areas in 130.This stand was treated in 2003, under contract 33-011-00-01 "Maki Road Hardwoods". Open areas within this stand. Some under-planting of white pine and/or hemlock, mainly in the more open areas. Few pine seedlings found within enclosures. Within treatment area species found were balm, sugar maple, red maple, ironwood, white spruce, balsam fir, and elm. The BA ranges were from 50-100.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	60		11	97
Red Maple	5	Log/Pole	10	
Yellow Birch	5	Pole	5	
Basswood	25	Log	12	
Ironwood	5	Sapling/Pole	4	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																															
43	4190 - Mixed Upland Deciduous with Cedar	Sapling Medium	5.8	4	Immature	N/A	This stand was harvested under the Patches sale completed in 2021.																																																															
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45	6132 - Mixed Lowland Forest with Cedar	Poletimber Poor	82.0	91	1-50	N/A	2025: Lowland tag alder swamp along Elm creek. This stand has a few scattered birch and cedar throughout. This stand is within the Friday Creek riparian area which and provides a wildlife travel corridor. SCA value is riparian buffer along Friday Creek. Mix of 0-25% with lowland brush and flooding to 75-100 pockets of cedar and black ash areas. Other species include yellow birch, elm, hardwoods along the edge and lowland brush.																																																															
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400	310 - Herbaceous Openland	None	8.7			No	2025: Aspen and hardwoods filling into grassy opening. MAPLE AND FIR ENCROACHING.																																																															
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401	310 - Herbaceous Openland	None	7.8			No	2025: Opening that appears to be planted with winter wheat. There is hardwood mixed islands in this stand. Aspen encroaching. Small island of ironwood and hardwood in the center of the opening. Scattered balsam fir, paper birch,																																																															
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