



Compartment Review Presentation

Escanaba Forest Management Unit

Compartment 33036

Entry Year 2027

Acreage: 675

County: Menominee

Management Area: Green Bay

Stand Examiner: Dan Beaudou

Legal Description:

T37N R25W, Sections 28 and 33.

Identified Planning Goals:

The major cover types within this compartment are aspen and cedar with a smaller component of lowland deciduous with conifer/cedar and northern hardwood. The majority of the aspen stands were treated within the last two ten year treatment periods. Four northern hardwood stands will be selection thinned. A lowland conifer and a lowland mixed stand will be treated this cycle that were approved for harvest last cycle but turned back by the contractor. Two monitoring treatments to check regeneration next inventory cycle due to low stocking from being recently cut.

Soil and topography:

The majority of soils in this compartment are comprised of Lupton-Cathro, Tawas-Deford, Onaway fine sandy loam, and Onaway Rousseau. In the lowland forest types the Lupton Cathro and Tawas Deford comprise the majority of these timber types. These soils are very poorly drained and level in depressions. The major limitations of these soils are severe wetness. The majority of upland soils consist of Onaway fine sandy loam. These soils are on ridges and knolls and well drained. The limitation of equipment in these soils is in the spring and wet times of the year.

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

This compartment is surrounded to the south by state land and north, east, and west by private land. The compartment is state land with private interspersed. The private land is non-industrial private landowners.

Unique Natural Features:

None Known.

Archeological, Historical, and Cultural Features:

None Known.

Special Management Designations or Considerations:

None

Watershed and Fisheries Considerations:

The northern portion of this compartment contains Collard Creek. Any treatments near Collard Creek should have a 100 foot buffer incorporated. There are also wetland areas within this compartment (<https://www.mcgi.state.mi.us/wetlands/mcgiMap.html#>) If any treatments are near a wetland area, best management practices should be incorporated which include a 100' buffer.

Wildlife Habitat Considerations:

This compartment contains a matrix of upland and lowland cover types, with planned harvests for this year of entry focused on clearcuts in aspen types and single tree selections in upland hardwood types. Planned harvests should benefit featured species that utilize open habitats, including American Woodcock, Golden-winged Warbler, White-tailed Deer, Wild Turkey, and Black Bear. This compartment includes cedar type lowland stands that are currently factor limited for winter cover for white-tailed deer. The Mudpuppy (*Necturus maculosus*), a state Species of Special Concern, have been documented in Collard Creek. There are no planned harvests within a buffer distance of this creek during this year of entry.

Mineral Resource and Development Concerns and/or Restrictions

Compartment 36: Section 4, T36N R25W and sections 28 & 33, T37N R25W, Menominee County No known potential exists for commercial oil & gas production in this part of the state. The nearest active sand & gravel operation is more than two miles northeast. Most of the compartment consists of low wetlands, which would inhibit surface mining, but there is some potential for development of sand & gravel in the compartment on the upland drumlins. The compartment, however, might be too far from populated areas (markets) for any aggregate resources present to have much value beyond use by the county road commission or DNR for local road maintenance. Some remote geophysical surveys covering this area have been conducted, but there is no evidence of past mineral test drilling in the area. Potential for the occurrence of economic

deposits of metallic minerals beneath the compartment is considered low at this time. There is no current leasing activity involving State-owned mineral rights in the area. 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:

The vehicle access to the north is off No.32 road and the Mack road. The access to the south is off E-1 lane. Access to the proposed treatments is through these roads. Road work and maintenance will be necessary for hauling purposes to main roads.

Survey Needs:

No survey needs at this time.

Recreational Facilities and Opportunities:

There are no developed facilities within this compartment. The major recreation in this compartment is hunting, viewing, and ORV use

Fire Protection:

There are no special needs for fire protection within this compartment. The water sources are Collard Creek and the Big Cedar River.

Additional Compartment Information:

Within this 10 year inventory cycle, if invasive species are found in the compartment, it is approved to treat for removal of invasive species as funding becomes available.

The following reports from the Inventory are attached:

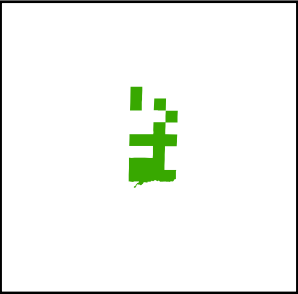
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

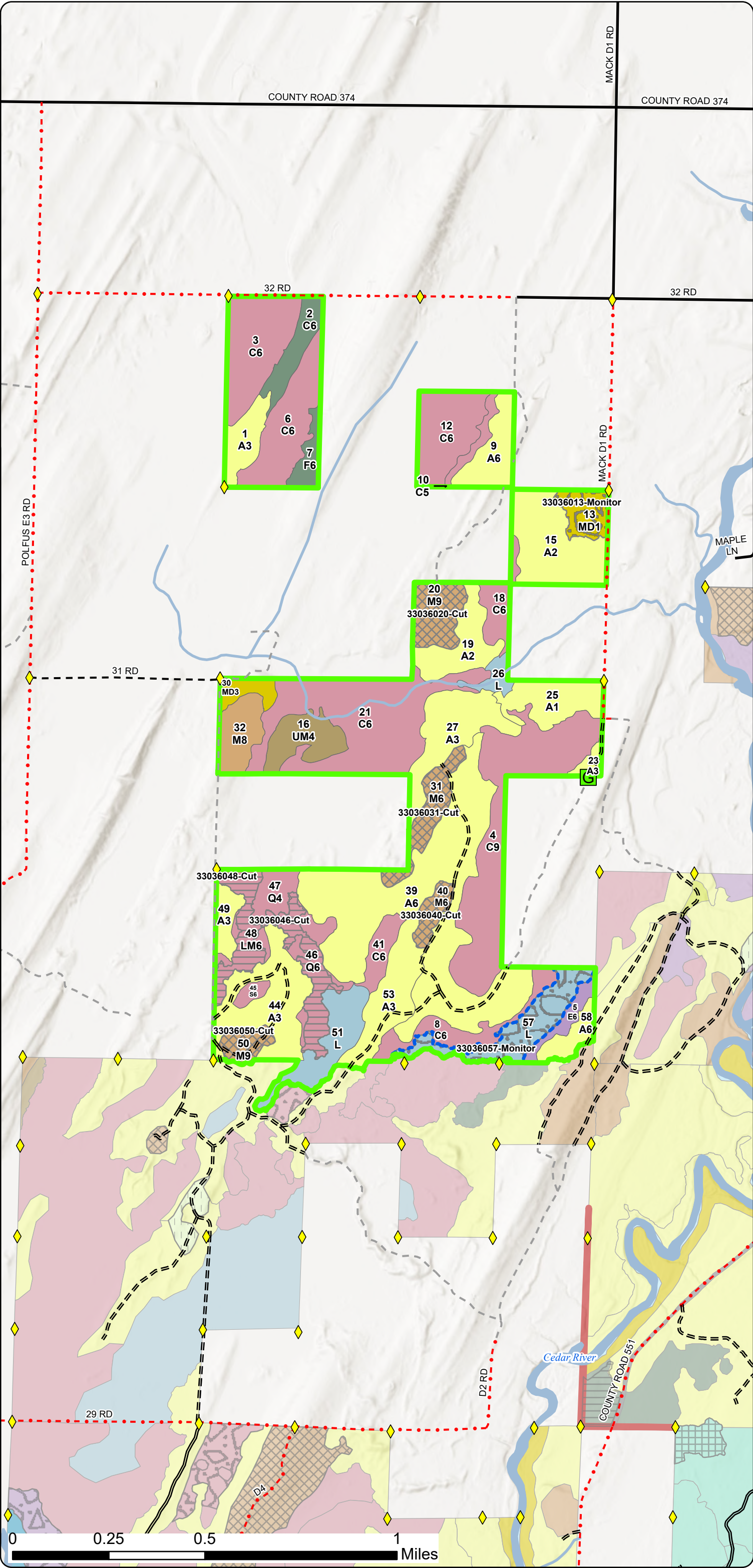
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 33036
T37N R25W, Sections 28 and 33.
County: Menominee
Unit: Escanaba
Mgmt. Area: Green Bay
YOE: 2027
Acres: 674.99 GIS Calculated
Examiner: Dan Beaudou
Date Exported: 12/15/2025
Map Phase: Post Review

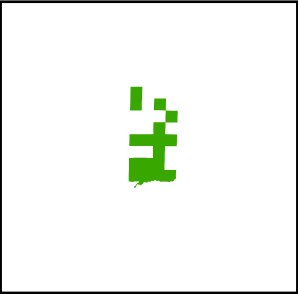


- Survey Grade Corners
- Gate
- Compartment Boundary
- Treatments with Site Conditions
- Clearcut
- Selection
- Monitoring - Regeneration
- Clearcut
- Selection
- Seed Tree
- Openings Mgmt.
- Monitoring - Regeneration
- 411 - Northern Hardwood
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 423 - Other Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 622 - Lowland Shrub

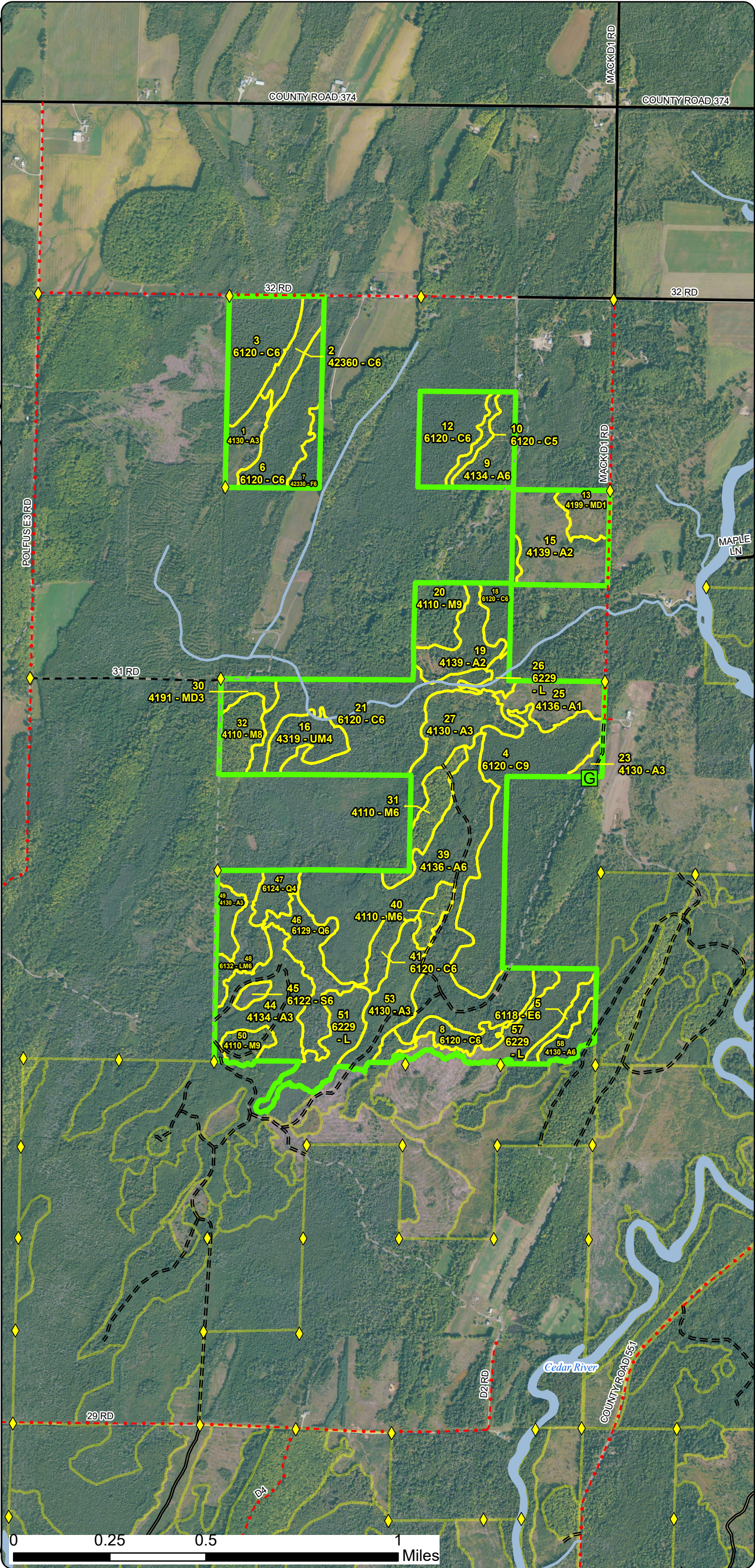


Stand Boundary
Map

Compartment: 33036
T37N R25W, Sections 28 and 33.
County: Menominee
Unit: Escanaba
Mgmt. Area: Green Bay
YOE: 2027
Acres: 674.99 GIS Calculated
Examiner: Dan Beaudou
Date Exported: 12/15/2025
Map Phase: Post Review

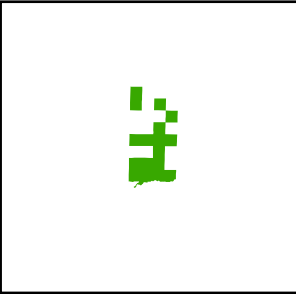


- Survey Grade Corners
- Gate
- Compartment Boundary
- Stand Outline
- 411 - Northern Hardwood
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 423 - Other Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
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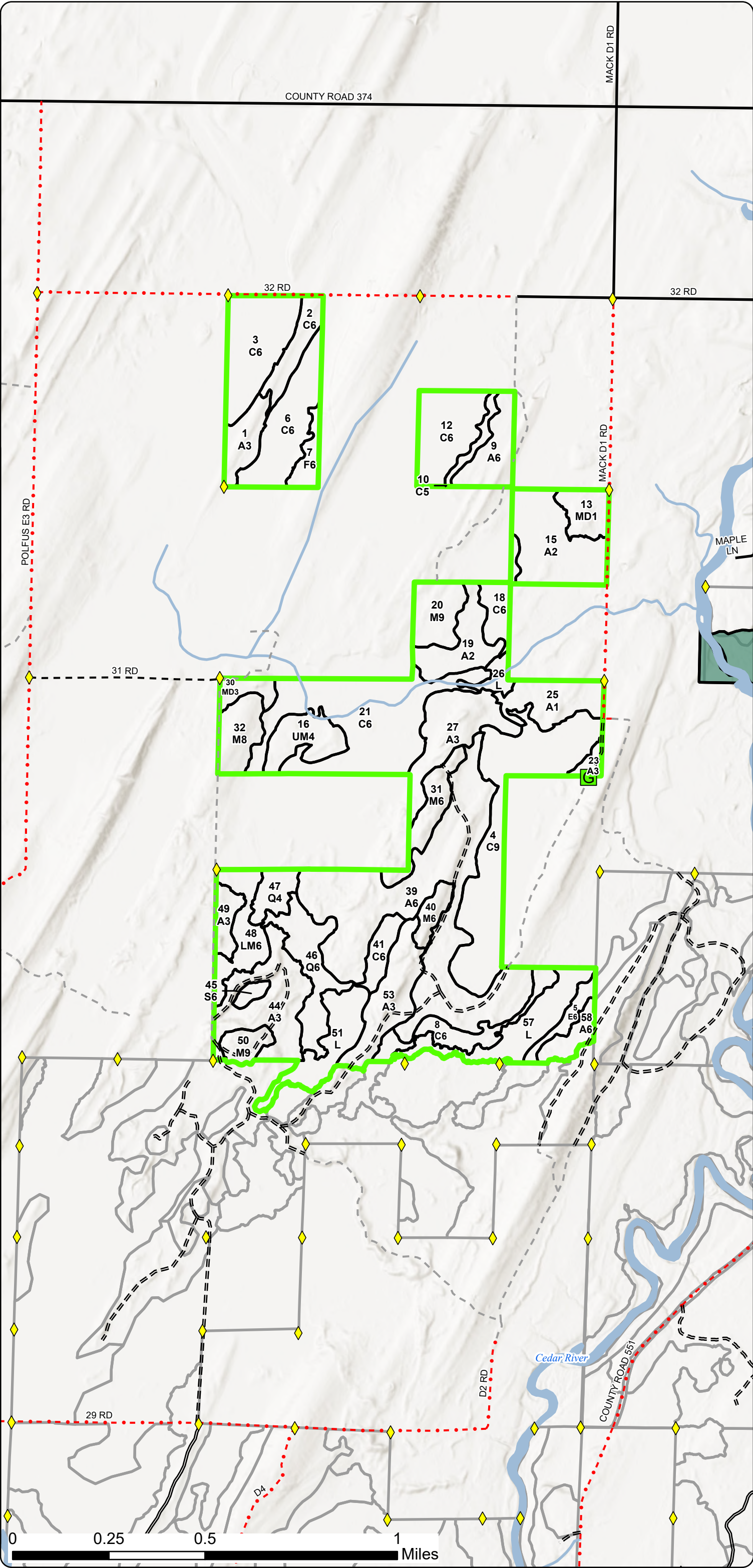


Special Conservation Areas
& Site Conditions Map

Compartment: 33036
T37N R25W, Sections 28 and 33.
County: Menominee
Unit: Escanaba
Mgmt. Area: Green Bay
YOE: 2027
Acres: 674.99 GIS Calculated
Examiner: Dan Beaudou
Date Exported: 12/15/2025
Map Phase: Post Review



- Survey Grade Corners
- Gate
- Compartment Boundary
- Stand Boundaries
- SCA
- Vernal Pool



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	59	80	126	7	0	0	0	0	0	0	0	0	0	0	0	0	0	272
Cedar	0	0	0	0	0	0	0	0	0	0	4	140	38	47	0	0	0	0	229
Lowland Conifers	0	0	0	0	0	0	0	0	0	0	28	0	0	0	0	0	0	0	28
Lowland Deciduous	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Lowland Mixed Forest	0	0	0	0	0	0	0	0	0	0	0	0	0	15	0	0	0	0	15
Lowland Shrub	42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	42
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
Mixed Upland Deciduous	0	9	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15
Northern Hardwood	0	0	0	0	0	0	0	0	0	36	13	0	0	0	0	0	0	0	49
Upland Mixed Forest	0	0	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14
Upland Spruce/Fir	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Total	42	68	80	146	18	0	0	0	0	36	45	142	38	62	0	0	0	0	677



Report 2 – Treatment Summary

Escanaba Mgt. Unit
Year of Entry: 2027

Acres of Harvest

Compartment 36
Total Compartment Acres: 675

Commercial Harvest - 114
Harvests with Site Condition - 0
Next Step Harvest - 0
Habitat Cut - 6

Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overstory Removal	Salvage	Other	Total Acres
Lowland Conifers	14	0	0	0	0	0	0	0	0	14
Lowland Mixed Forest	12	0	0	0	0	0	0	0	0	12
Northern Hardwood	0	37	0	0	0	0	0	0	0	37
Total	27	37	0	0	0	0	0	0	0	64

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	64	0	0	0	0	0	29	0	0	93
Next Step	0	0	0	0	0	0	84	0	0	84
Total	64	0	0	0	0	0	113	0	0	177



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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Proposed Treatments:

20	33036020-Cut	13.2	4110 - Sugar Maple Association	9	98	111-140	Harvest	Selection	411 - Northern Hardwood	Current	No
<u>Prescription</u> Single Tree Selection: Harvest stand down to approximately 80 BA on average. Focus on removal of poor-quality trees. While marking leave some basswood and yellow birch for seed. Harvest all merchantable spruce, fir, ash, and ironwood. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Maple, birch, cherry. <u>Regen:</u> <u>Other</u> If stand fails to regenerate, consider a shelterwood harvest or expanding current canopy gaps. Selection harvesting may be the most misunderstood system and is certainly the most complex. When stands of trees become overly dense, forest health risks incr <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026											
31	33036031-Cut	11.9	4110 - Sugar Maple Association	6	88	111-140	Harvest	Selection	411 - Northern Hardwood	Current	No
<u>Prescription</u> Single Tree Selection: Harvest stand down to 80 BA on average. Focus on removal of low quality and poor form trees. Cut all merchantable spruce, fir, ironwood, and ash. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Maple, basswood, birch, fir <u>Regen:</u> <u>Other</u> If stand fails to regenerate, consider a shelterwood harvest or expanding canopy gaps. Selection harvesting may be the most misunderstood system and is certainly the most complex. When stands of trees become overly dense, forest health risks increase. Re <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026											
40	33036040-Cut	5.7	4110 - Sugar Maple Association	6	85	111-140	Harvest	Selection	411 - Northern Hardwood	Current	No
<u>Prescription</u> Single Tree Selection: Harvest stand down to an average of 80 BA. Focus on removal of trees with poor form and low quality. Cut all merchantable spruce, pine, ironwood, and ash. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Maple, basswood, ash, birch, pine <u>Regen:</u> <u>Other</u> If stand fails to regenerate, consider a shelterwood harvest or expanding canopy gaps. Selection harvesting may be the most misunderstood system and is certainly the most complex. When stands of trees become overly dense, forest health risks increase. Re <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
46	33036046-Cut	14.2	6129 - Mixed Coniferous Lowland Forest	6	99	81-110	Harvest	Clearcut	612 - Lowland Coniferous Forest	Planting Record	No
<u>Prescription</u> Clearcut with retention- Harvest all trees 3 inches dbh and above. Leave all hemlock if found. The areas with the highest amount of cedar are identified and are to be retained. <u>Specs:</u>											
<u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u>											
<u>Acceptable</u> Mix of lowland conifer species. Acceptable regeneration of aspen, maple, birch, and balm. <u>Regen:</u>											
<u>Other</u> Approximately 60-70 cords of cedar are to be harvested, agreed to by FRD and WLD. This stand was part of the Thirty one sale that was <u>Comment:</u> turned back and not completed. 33-013-17 Clearcutting is the solution to forest types whose seedlings or sprouts require											
<u>Site Condition:</u>											
<u>Proposed Start Date:</u> 10/01/2026											
48	33036048-Cut	12.4	6132 - Mixed Lowland Forest with Cedar	6	125	81-110	Harvest	Clearcut	613 - Lowland Mixed Forest	Planting Record	No
<u>Prescription</u> Clearcut with retention- Harvest all trees 3 inches dbh and above. Leave all hemlock if found. Leave retention in areas with the highest <u>Specs:</u> concentration of cedar, identified on the map.											
<u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u>											
<u>Acceptable</u> aspen, ash, spruce, fir, maple, BAM <u>Regen:</u>											
<u>Other</u> Approximately 60-70 cords of cedar are to be harvested, agreed to by FRD and WLD. This stand was part of the Thirty one sale that was <u>Comment:</u> turned back and not completed. 33-013-17. Stand regeneration issues are not expected. Clearcutting is the solution to											
<u>Site Condition:</u>											
<u>Proposed Start Date:</u> 10/01/2026											
50	33036050-Cut	6.1	4110 - Sugar Maple Association	9	88	81-110	Harvest	Selection	411 - Northern Hardwood	Current	Yes
<u>Prescription</u> Single Tree Selection: Harvest stand down to 80 BA. Focus on removing poor quality trees and leaving species not highly represented in the <u>Specs:</u> stand. Harvest all merchantable spruce, fir, ash, and ironwood.											
<u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u>											
<u>Acceptable</u> Sugar maple, basswood, ash, red maple <u>Regen:</u>											
<u>Other</u> If stand fails to regenerate look to create more canopy gaps or a possible shelterwood harvest. Selection harvesting may be the most <u>Comment:</u> misunderstood system and is certainly the most complex. When stands of trees become overly dense, forest health risks increase											
<u>Site Condition:</u>											
<u>Proposed Start Date:</u> 10/01/2026											
57	33036057-Monitor	20.2	6229 - Mixed Lowland Shrub	99			Monitoring	Monitoring - Regeneration	613 - Lowland Mixed Forest	Planting Record	No
<u>Prescription</u> Stand was recently harvested during the winters of 2024 and 2025 on the Jumpy Frog 33-014-17 timber sale. Too soon for lowland conifer to <u>Specs:</u> regenerate. Follow-up Monitoring treatment with a regeneration survey as per the work instructions.											
<u>Next Step</u> Monitoring, Natural Regen (Intermediate) <u>Treatments:</u>											
<u>Acceptable</u> Species within the canopy layers. <u>Regen:</u>											
<u>Other</u> <u>Comment:</u>											
<u>Site Condition:</u> Long-Term Retention											
<u>Proposed Start Date:</u> 10/01/2029											



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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
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Approved Treatments:

13	33036013-Monitor	9.2	4199 - Other Mixed Upland Deciduous	1	4	1-50	Monitoring	Monitoring - Regeneration	42330 - Upland Fir	Planting Record	No
<p><u>Prescription</u></p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Mixed upland conifer and acceptable aspen.</p> <p><u>Regen:</u></p> <p><u>Other</u> Percent to Treat = 100%</p> <p><u>Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/01/2029</p>											

Total Treatment Acreage Proposed: 92.9

Report 4 – Site Conditions

Escanaba Mgt. Unit
Dan Beaudou : Examiner

Compartment: 36
Year of Entry: 2027



Availability for Management

Total Acres	Acres Available	Acres Available With Condition	Acres Not Available	Dominant Site Conditions		
				2G	3H	5E
231	225	0	6	Aspen		6
228	10	0	218	Cedar	218	
14	0	0	14	Lowland Conifers	8	6
5	5	0	0	Lowland Deciduous		
2	0	0	2	Lowland Mixed Forest		2
23	22	0	1	Lowland Shrub		1
2	2	0	0	Lowland Spruce/Fir		
15	15	0	0	Mixed Upland Deciduous		
49	49	0	0	Northern Hardwood		
14	14	0	0	Upland Mixed Forest		
6	6	0	0	Upland Spruce/Fir		
590	348		242	Total Forested Acres	8	218
	59%		41%	Relative Percent		16

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

Site No.	Dominant Site Cond	Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	218	Unspecified	Unspecified	Unspecified	Unspecified	Unspecified
Comments: High amount of northern white cedar and/or hemlock. Lack of treatment due to Deer Winter Range Guidelines.								
2	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	8	Unspecified	Unspecified	Unspecified	Unspecified	Unspecified
Comments: 2025: Stand is very wet for operability.								

Report 4 – Site Conditions



4	Unavailable	5E: Long-Term Retention	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Stand 46 retention from harvest treatment.							
5	Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Stand 48 retention from harvest treatment.							
8	Unavailable	5E: Long-Term Retention	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Stand 15 retention from harvest treatment.							
10	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Stand 57 retention from harvest treatment.							
11	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Stand 25 retention from harvest treatment.							

Mgt. Unit

Compartment: #Type!

Year of Entry:

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

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
Comments				





Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
6	6120 - Lowland Cedar	Poletimber Well	24.7	127	171-200	N/A	2025: Cedar stand with a few pockets of scattered tamarack and ash.Hollow cedar, no current age. Tag alder in low places and areas of black ash. Trace amount of paper birch.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Balsam Poplar	5	Pole	9		Balsam Fir	Low		Variable	Variable
Black Spruce	5	Pole	9		Northern White Cedar	Low		>20 feet	>20 feet
Northern White Cedar	70	Pole	9	127	Tag Alder	Low		10 - 20 feet	10 - 20 feet
Tamarack	10	Log/Pole	10						
Black Ash	10	Pole	8						
7	42330 - Upland Fir	Poletimber Well	5.9	35	51-80	N/A	2025: Stand dominated by fir and cedar. Look to treat this stand in the next 2 entries.This stand was cut under the Line Sale (10-87-01) completed in 1992. All trees were cut except cedar, hemlock, beech, and red pine. There is some scattered pockets of mature timber.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Quaking Aspen	5	Pole	8		Balsam Fir	Medium		Variable	Variable
Balsam Fir	70	Pole/Sapling	6	35	White Spruce	Low		< 5 feet	< 5 feet
Northern White Cedar	20	Pole	9						
Tamarack	5	Pole	8						
8	6120 - Lowland Cedar	Poletimber Well	13.4	100	111-140	N/A	2025: Cedar stand with traces of lowland deciduous species.Some areas of poor quality and tag alder.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Red Maple	10	Pole	9		Balsam Fir	Medium		< 5 feet	< 5 feet
Balsam Fir	5	Pole	9		Black Ash	Low		>20 feet	>20 feet
Northern White Cedar	60	Pole	9	100	Tag Alder	Medium		10 - 20 feet	10 - 20 feet
Tamarack	10	Pole	9		White Pine	Low		< 5 feet	< 5 feet
Black Ash	15	Pole	9						
9	4134 - Aspen, Spruce/Fir	Poletimber Well	13.8	20	1-50	N/A	2025: Nice aspen pole stand with spruce and fir component.This stand was cut under the Collard Creek sale completed in 2005. All merchantable trees were cut except hemlock, pine, yellow birch, and cedar. Trace amounts of hemlock, pine and yellow birch. This stand is a3/a2 to the south and balm in the low pockets with aspen on the ridge.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Paper Birch	10	Pole	6		Quaking Aspen	Medium		Variable	Variable
Quaking Aspen	50	Pole	5	20	Beech	Low		< 5 feet	< 5 feet
Balsam Poplar	10	Sapling/Pole	4	20	White Spruce	Low		5 - 10 feet	5 - 10 feet
Balsam Fir	20	Sapling/Pole	4	20	Balsam Fir	Low		5 - 10 feet	5 - 10 feet
White Spruce	5	Sapling/Pole	4		Tamarack	Low		5 - 10 feet	5 - 10 feet
Northern White Cedar	5	Pole	9						
10	6120 - Lowland Cedar	Poletimber Medium	3.9	95	51-80	N/A	2025: Lowland cedar stand with alder and willow.Scattered Cedar with lots of tag alder in area. Difference between aspen and lowland cedar to the east and less canopy to the west.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Yellow Birch	5	Pole	8		Balsam Fir	Low		5 - 10 feet	5 - 10 feet
Balsam Fir	5	Sapling/Pole	4		Tag Alder	High		10 - 20 feet	10 - 20 feet
Northern White Cedar	60	Pole	9	95					
Black Ash	30	Pole/Sapling	7						



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
12	6120 - Lowland Cedar	Poletimber Well	21.9	127	171-200	N/A	2025: Cedar dominated stand with tag alder in patches. There is a small amount of black ash and balsam fir also within the stand.Mostly cedar.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Northern White Cedar	90	Pole	9	127	Northern White Cedar	Low		>20 feet	>20 feet
Black Ash	10	Pole	8		Tag Alder	Low		5 - 10 feet	5 - 10 feet
13	4199 - Other Mixed Upland Deciduous	Sapling Poor	9.3	4	1-50	N/A	2025: Moderate to poorly stocked stand. Regeneration is good in some areas and poor in patches. This stand was cut under the Mack 32 sale (33-012-17), and completed in 2020. All trees were cut except cedar, hemlock, and beech.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Red Maple	10	Sapling	1	4	Blackberry/Raspberry	Medium		< 5 feet	< 5 feet
Balsam Poplar	65	Sapling	1	4					
Balsam Fir	5	Sapling	1	4					
Northern White Cedar	10	Log	10						
Black Cherry	10	Sapling	1	4					
15	4139 - Aspen, Mixed Deciduous	Sapling Medium	28.8	4	Unspecified	N/A	2025: This stand is filling in nicely with balsam Poplar, Quaking aspen, and cherry. There are some areas slowly filling in with growth.This stand is a mix of Q/E type with some upland ridges. Harvested under the Mack 32 sale (33-012-17), completed in 2021.		
Canopy Species	% Cover	Size Class	DBH	Age					
Quaking Aspen	40	Sapling	1	4					
Balsam Poplar	40	Sapling	1	4					
Balsam Fir	5	Sapling/Pole	3						
Northern White Cedar	5	Pole	8						
Black Cherry	10	Sapling	1	4					
16	4319 - Mixed Upland Forest	Poletimber Poor	13.7	22	1-50	N/A	2025: This stand was harvested in 2003, cedar and hemlock were left.THIS STAND WAS CUT IN THE COLLARD CREEK SALE completed in 2003. All trees were cut except cedar, hemlock, and trees marked with green paint.		
Canopy Species	% Cover	Size Class	DBH	Age					
Quaking Aspen	30	Sapling	3	22					
Balsam Poplar	15	Sapling	3	22					
Balsam Fir	10	Sapling	3						
White Spruce	5	Sapling	3						
Northern White Cedar	25	Pole	9	105					
Hemlock	10	Log/Pole	12						
Black Cherry	5	Sapling	3						
18	6120 - Lowland Cedar	Poletimber Well	8.8	105	141-170	N/A	2025: Cedar stand that has some fir and spruce.The cedar was hollow inside for age. The BA ranges from 150 to 190.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Paper Birch	5	Log/Pole	10		Balsam Fir	Low		5 - 10 feet	5 - 10 feet
Balsam Fir	5	Pole	8						
White Spruce	5	Pole	9						
Northern White Cedar	80	Pole	9	105					
Tamarack	5	Log/Pole	10						



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
19	4139 - Aspen, Mixed Deciduous	Sapling Medium	16.0	20	Immature	N/A	2025: Stand is regenerating well in the properly drained areas. There is wet areas with no growth. There is an illegal blind on this stand.This stand was cut under the Collard Creek Sale unit 3. All trees cut except sugar maple, hemlock, yellow birch, white pine, spruce, and cedar. Completed in 2005. Trace amount of red maple.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Quaking Aspen	45	Sapling	2	20	Balsam Fir	Medium		Variable	Variable
Balsam Poplar	40	Sapling	3		White Spruce	Low		< 5 feet	< 5 feet
Northern White Cedar	10	Pole	9						
Black Ash	5	Pole	8						
20	4110 - Sugar Maple Association	Sawtimber Well	13.2	98	111-140	N/A	2025: Nice quality Northern hardwoods stand. Stand should be treated this entry. Average BA 100-110.This stand was unit 2 of the Collard creek sale (44-02-01) completed in 2005.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Sugar Maple	75	Log/Pole	10	98	Balsam Fir	Low		10 - 20 feet	10 - 20 feet
Red Maple	5	Log/Pole	10		Sugar Maple	Low		>20 feet	>20 feet
Basswood	10	Pole	9						
Beech	5	Log	12						
Black Cherry	5		8						
21	6120 - Lowland Cedar	Poletimber Well	56.6	105	111-140	N/A	2025: Cedar stand with small patches of lowland deciduous trees.Potential for island cuts. The Collard creek runs through the northern portion of the stand. Areas of poor quality cedar and tag alder.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Paper Birch	5	Pole	9		Tag Alder	Low		10 - 20 feet	10 - 20 feet
Balsam Fir	5	Pole	9		White Spruce	Low		Variable	Variable
White Spruce	5	Log/Pole	12		Balsam Fir	Medium		Variable	Variable
Black Spruce	5	Pole	9						
Northern White Cedar	65	Pole/Log	9	105					
Tamarack	5	Pole	9						
Black Ash	10	Pole	8						
23	4130 - Aspen	Sapling Well	2.8	4	Unspecified	N/A	2025: Good aspen regeneration, there is also black cherry, BAM, and fir growing in spots.Harvested under the Mack 32 sale (33-012-17), completed in 2020.		
Canopy Species	% Cover	Size Class	DBH	Age					
Basswood	5	Log	14						
Quaking Aspen	65	Sapling	1	4					
Balsam Poplar	15	Sapling	1						
Balsam Fir	5	Sapling	1						
Black Cherry	10	Sapling	1						
25	4136 - Aspen, Mixed Conifer	Sapling Poor	16.6	4	1-50	N/A	2025: Regenerating nice in the drier upland areas and slower in the wetter parts of the stand. Regeneration is dominated by Quaking aspen and balsam poplar.Harvested under the Mack 32 sale (33-012-17), completed in 2020.		
Canopy Species	% Cover	Size Class	DBH	Age					
Quaking Aspen	45	Sapling	1	4					
Balsam Poplar	35	Sapling	1	4					
Balsam Fir	10	Sapling	1	4					
White Spruce	5	Sapling	1	4					
Northern White Cedar	5	Sapling	1						



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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
39	4136 - Aspen, Mixed Conifer	Poletimber Well	95.8	25	1-50	N/A	2025: High quality aspen stand averaging 5-6 inches in diameter. Spruce and fir component with stand. This stand was cut under the Hot Dog timber sale (35-97-01) completed in 2000. All trees were cut except;, cedar, hemlock, elm, beech, and pine.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Beech	5	Pole	7		Balsam Fir	Medium		Variable	Variable
Quaking Aspen	25	Pole	6	25	Quaking Aspen	Medium		5 - 10 feet	5 - 10 feet
Bigtooth Aspen	45	Pole	6	25					
Balsam Poplar	5	Sapling/Pole	4						
Balsam Fir	10	Sapling/Pole	4						
White Spruce	5	Sapling/Pole	4						
Northern White Cedar	5	Pole	9						
40	4110 - Sugar Maple Association	Poletimber Well	5.7	85	111-140	N/A		2025: Sugar maple and basswood dominated stand. This stand should be treated this entry. This stand was cut under the Firry Mix in 36 sale completed in 2009. Previous inventory has 1914 year of origin. Look at treatment next treatment period.	
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height		Size
Sugar Maple	60	Pole/Log	9	85	Balsam Fir	High	5 - 10 feet		5 - 10 feet
Basswood	30	Pole/Log	9	85					
Beech	10	Pole/Log	9						
41	6120 - Lowland Cedar	Poletimber Well	6.9	100	171-200	N/A	2025: Cedar stand with a trace component of lowland deciduous species. Hollow cedar for age.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Paper Birch	5	Log	10		Balsam Fir	Low		5 - 10 feet	5 - 10 feet
Quaking Aspen	5	Log	10		Northern White Cedar	Low		>20 feet	>20 feet
Northern White Cedar	85	Pole	9	100					
Black Ash	5	Pole	8						
44	4134 - Aspen, Spruce/Fir	Sapling Well	29.5	14	Immature	N/A	2025: Very good aspen regeneration with fir and basswood component. Stand is approaching pole size class. This stand was cut under the Big Mack Sale completed in 2011. Access was from the south through E-1 Lane. Along the steep hillsides some larger aspen left.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Basswood	5	Pole	6		Balsam Fir	Low		Variable	Variable
Quaking Aspen	65	Sapling/Pole	3	14					
Balsam Fir	20	Sapling/Pole	3						
Northern White Cedar	5	Pole	8						
Black Cherry	5	Sapling	3	14					
45	6122 - Black Spruce	Poletimber Well	2.4	101	51-80	N/A	2025: Smaller low quality black spruce and tamarack stand. Uncut from previous sale. Black Spruce over 6" dbh are dead with several mistletoe deformities present. Half the tamarack area dead. About 5 cord merchantable wood present but small diameter. Ground has patches of thick seedlings. Stand has died off and regenerating on its own. Pockets of S4 and bordering on S3 type. This stand was set up and not completed under the Thirty one sale.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Red Maple	5	Pole/Log	9		Black Spruce	Medium		< 5 feet	< 5 feet
Black Spruce	80	Sapling	4	101	Balsam Fir	Low		5 - 10 feet	5 - 10 feet
Tamarack	15	Pole	9		Tamarack	Low		< 5 feet	< 5 feet
					White Pine	Low		< 5 feet	< 5 feet



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments			
46	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	20.1	99	81-110	N/A	2025: Q type stand that was uncut from a few years ago. This stand should be treated.Previous inventory was 1925 year of origin. Trace amount of paper birch. Appears to be ELB and porcupine damage within this stand. This stand was set up and not completed under the thirty one sale 33-013-17. Attempting to re set up the sale for 2022 yoe.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Quaking Aspen		5	Pole	9		Black Ash		Low	10 - 20 feet	10 - 20 feet
Balsam Fir		15	Pole	9		Balsam Fir		Low	Variable	Variable
White Spruce		10	Log/Pole	10						
Black Spruce		5	Pole	9						
Northern White Cedar		30	Log/Pole	10	100					
Tamarack		35	Pole/Log	9	99					
47	6124 - Lowland Spruce-Fir	Poletimber Poor	7.7	91	Unspecified	N/A	2025: Low quality q type stand. The trees in this stand are scattered and there are high amounts of tag alder throughout the stand.Poor quality 25-50% cover type or less. Trace amounts of black ash. Mix of lowland brush and Q4 type stand.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Paper Birch		30	Pole	7		Tag Alder		High	10 - 20 feet	10 - 20 feet
Balsam Fir		20	Pole	7		Balsam Fir		Low	5 - 10 feet	5 - 10 feet
Black Spruce		35	Pole/Sapling	5	91					
Northern White Cedar		15	Pole	8						
48	6132 - Mixed Lowland Forest with Cedar	Poletimber Well	14.9	125	81-110	N/A	2025: Lowland mixed stand with fir, spruce, red maple, ash and cedar. Stand was previously setup and uncut. Stand should be harvested this entry. Remove old treatment and create new one. Clearcut with retention.Mix of Q/E with a couple of C pockets. Some tamarack mixed in this stand. This stand was set up and not completed under the Thirty One sale unit 2. Only stand 32 was complete for this sale. If nothing is done to set up again by the compartment re-entry period for 2027 compartments then evaluate to prescribe again.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Red Maple		15	Pole/Log	9		Tag Alder		Low	10 - 20 feet	10 - 20 feet
Yellow Birch		5	Log	10		Balsam Fir		Medium	10 - 20 feet	10 - 20 feet
Paper Birch		5	Pole	8						
Quaking Aspen		5	Log/Pole	10						
Balsam Poplar		5	Log/Pole	10						
Balsam Fir		20	Pole	9						
White Spruce		5	Log/Pole	10						
Northern White Cedar		25	Log/Pole	10	125					
Tamarack		5	Log/Pole	10						
Black Ash		10	Pole	8						
49	4130 - Aspen	Sapling Well	6.3	14	Immature	N/A		2025: Very good aspen regeneration, there is a fir and cedar component.This stand was cut under the big mack sale in 2011. The private landowner to the west had the contractor cut some timber on the private side. Phragmites on the edge of the stand and into private.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Red Maple		5	Pole	6		Balsam Fir	Low		< 5 feet	< 5 feet
Quaking Aspen		60	Sapling/Pole	3	14					
Balsam Poplar		10	Sapling	2						
Balsam Fir		10	Sapling	3						
Black Ash		5	Pole	6						
Black Cherry		10	Sapling	1						



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																													
50	4110 - Sugar Maple Association	Sawtimber Well	6.1	88	81-110	N/A	2025: Moderate quality sugar maple and basswood dominated stand. There is regeneration in spots but remains low on average. This stand was cut under the Big Mack sale completed in 2009. No age obtained on the sugar maple. No current regeneration post harvest.																																													
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Sugar Maple</td><td>75</td><td>Log/Pole</td><td>10</td><td>88</td></tr><tr><td>Basswood</td><td>20</td><td>Log/Pole</td><td>10</td><td></td></tr><tr><td>White Ash</td><td>5</td><td>Log/Pole</td><td>10</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age	Sugar Maple	75	Log/Pole	10	88	Basswood	20	Log/Pole	10		White Ash	5	Log/Pole	10		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Ironwood</td><td>Medium</td><td>< 5 feet</td><td>< 5 feet</td></tr><tr><td>Sugar Maple</td><td>Low</td><td>>20 feet</td><td>>20 feet</td></tr></table>				Sub-Canopy Species	Density	Avg. Height	Size	Ironwood	Medium	< 5 feet	< 5 feet	Sugar Maple	Low	>20 feet	>20 feet															
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51	6229 - Mixed Lowland Shrub	None	17.6			No	Lowland trees and shrubs. Scattered white spruce, paper birch, black spruce, tamarack on edge of stand. Some areas 25-50% cover type.																																													
53	4130 - Aspen	Sapling Well	20.6	16	Immature	N/A	2025: Higher quality aspen stand with cherry and fir component. 3-4 inches at dbh on average. Trace amounts of black ash, cherry, hemlock, elm, and white spruce. This stand was cut under the Firry Mix in 36 sale completed in 2009. All trees cut except cherry, cedar, hemlock, beech, elm, and yellow birch.																																													
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57	6229 - Mixed Lowland Shrub	None	20.2			No	Stand was cut during the winters of 2024 and 2025 on the Jumpy Frog 33-014-17 timber sale. Denser cedar areas were retained along the perimeter. Balsam fir saplings are also scattered throughout the stand that were left during the harvest. Trace amount of yellow birch, white pine, balm, and paper birch.																																													
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58	4130 - Aspen	Poletimber Well	6.9	37	81-110	N/A	Aspen dominated stand that is in good condition at this point. Will meet age threshold next inventory cycle to treat with adjacent stand 5.																																													
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