

# **Compartment Review Presentation**

**Escanaba Forest Management Unit** 

Compartment 33042 Entry Year 2027 Acreage: 2,518

County: Menominee

Management Area: Green Bay

Stand Examiner: Dustin Salter

**Legal Description:** 

T36N R25W Sections 4, 5, 8, 9, 16, and 17

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

This compartment is comprised of four main covertypes: aspen, northern hardwood, lowland conifer, and lowland hardwood. Two northern hardwood stands will be thinned this entry, releasing the higher quality stems. Two aspen stands will be clearcut, managing for aspen. A mixed deciduous stand will be clearcut, regenerating it with a mix of hardwood and conifer species. A lowland ash stand will also be harvested, regenerating it with a mix of species. One stand will be treated again to plant red pine. This stand was treated previously, but due to poor execution of the herbicide treatment this stand will have the same steps applied. A large percentage of the red maple and ash stump sprouts from the most recent treatments have been browsed and killed by deer. This has delayed regeneration is some stands and is pushing some stands to more aspen and conifer covertypes.

#### Soil and topography:

The primary soils in this compartment are Tawas-Deford, Lupton-Tawas, Deford mucky find sand, Onaway fine sandy loam, and Rousseau fine sand. The upland soils range are mostly level with some steep ridges and knolls mixed in, and they are well drained. The lowland is level and is very poorly drained.

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

This compartment is on the northern end of a block of state land that is approximately 8 miles wide and 20 miles long, that extends into Delta County. This compartment is primarily blocked in on the east, north, and south with adjoining state land. The western edge of the compartment borders private property. There are a number of houses and camps along the western edge of the compartment. The primary uses of this area are hunting, camping, cross country skiing and ORV riding.

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

The Cedar River flows through the eastern edge of the compartment.

### Archeological, Historical, and Cultural Features:

None Known

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

None

### Watershed and Fisheries Considerations:

The Cedar River and Devil's Creek flow through this compartment and should have 100 foot buffers implemented for any cuts proposed. 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:

Planned treatments this year of entry include clearcuts in aspen types and single tree selection in upland hardwood types (sugar maple stands). Planned harvests should benefit featured species that utilize open habitats, including American Woodcock, Golden-winged Warbler, White-tailed Deer, Wild Turkey, and Black Bear. Water features within this compartment include the Cedar River and Devil's Creek. Wood Turtles are known to occur in the Cedar River, but Devil's Creek appears to be poor habitat for this species. No treatments are planned within appropriate buffer distances for Wood Turtles this year of entry.

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

No known potential exists for commercial oil & gas production in this part of the state. The nearest active sand & gravel operation is more than four miles away. The compartment consists predominantly of low wetlands, which would inhibit surface mining, but there is some limited potential for development of sand & gravel in the compartment on the few upland drumlins. 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 within two miles of the compartment. There is an indication from the geophysical data of a geologic feature intersecting the far southwest edge of the compartment that could have the potential to host deposits of metallic minerals, but further research or testing would be needed to evaluate the feature. There is no current leasing activity involving State-owned mineral rights in the area, and potential for any economic development of metallic minerals within the compartment is considered low at this time.

#### **Vehicle Access:**

The primary access roads into and through this compartment are County Roads 366, 551, D-4, No 29, and Westman Dam. There are numerous two track roads that branch off of these county roads that provide additional access.

### **Survey Needs:**

No registered survey corners will need to be established.

## **Recreational Facilities and Opportunities:**

The Forest Island ORV Trail and the Cedar River Pathway run through the southeastern portion of the compartment. The primary recreational uses of this area are hunting, camping, ORV riding, horseback riding, and cross country skiing.

#### **Fire Protection:**

This compartment poses a low risk for any large scale fires. The dry upland areas are interspersed with lowland areas. The main water sources would be the Cedar River and Devil's Creek. Access in the spring could be an issues on some of the two track roads.

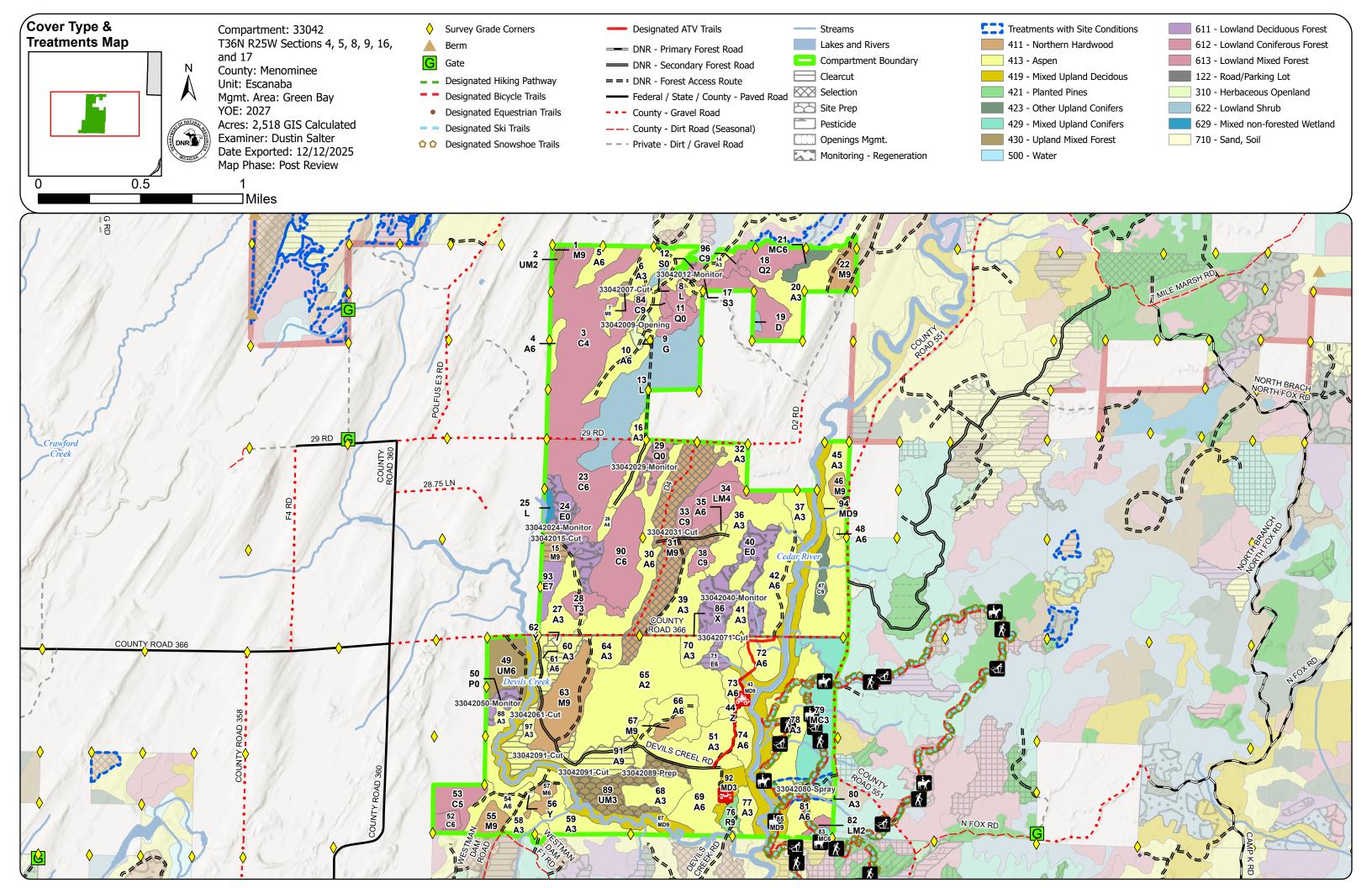
### **Additional Compartment Information:**

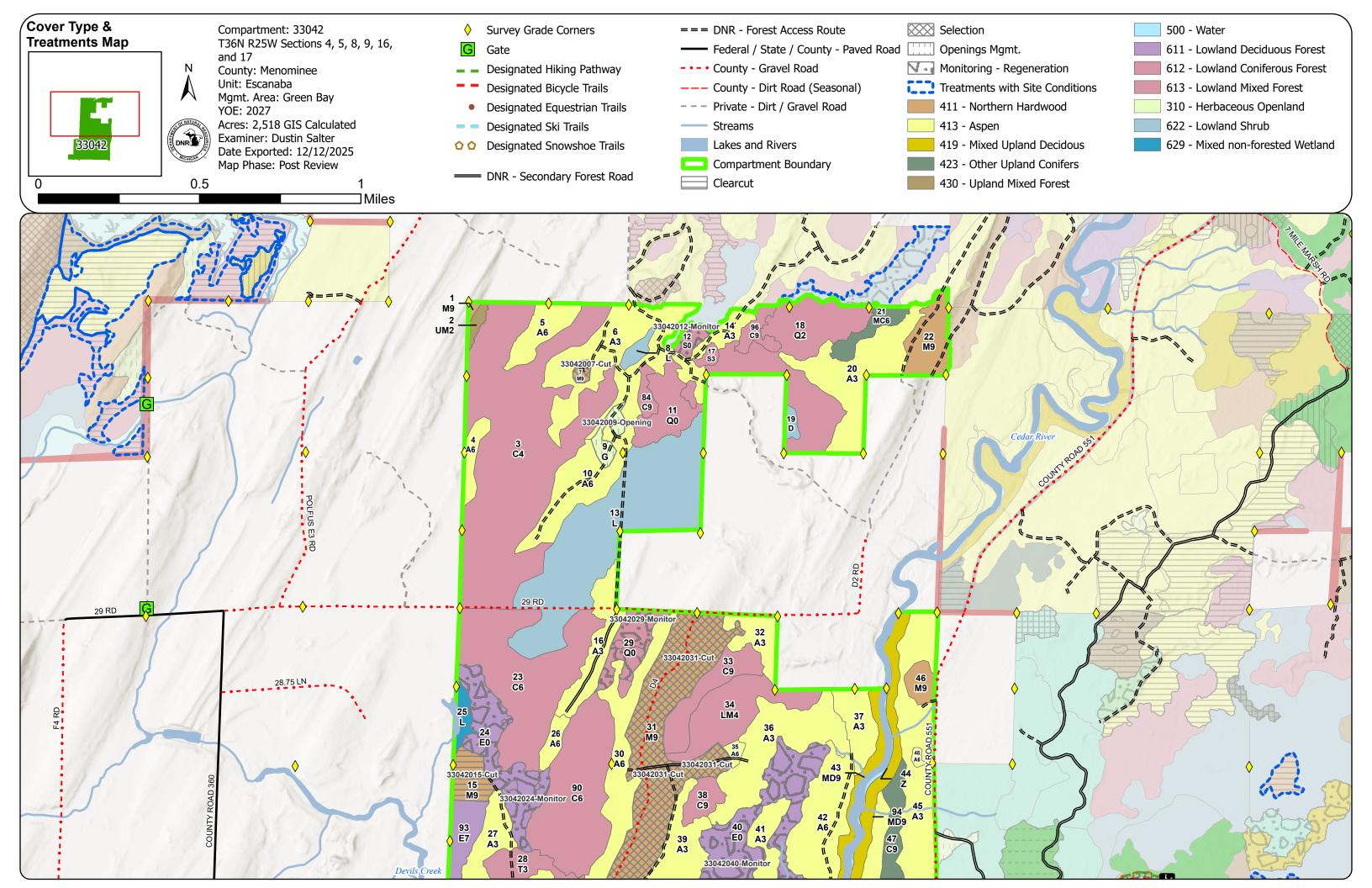
The following reports from the Inventory are attached:

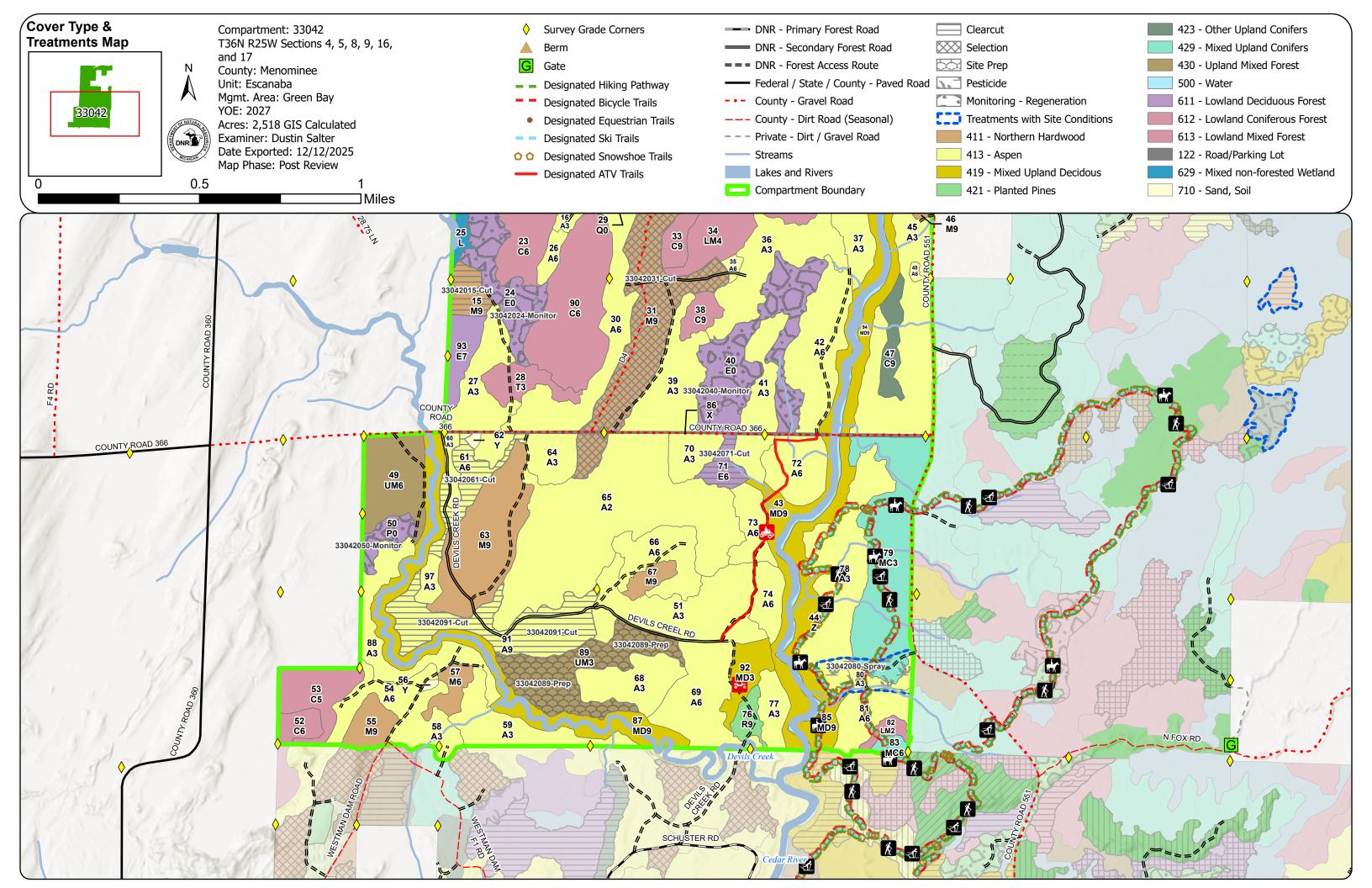
Total Acres by Cover Type and Age Class
Cover Type by Harvest Method
Proposed Treatments – No Limiting Factors
Proposed Treatments – With Limiting Factors
Stand Details (Forested and Nonforested)
Dedicated and Proposed Special Conservation Areas
Site Condition Details

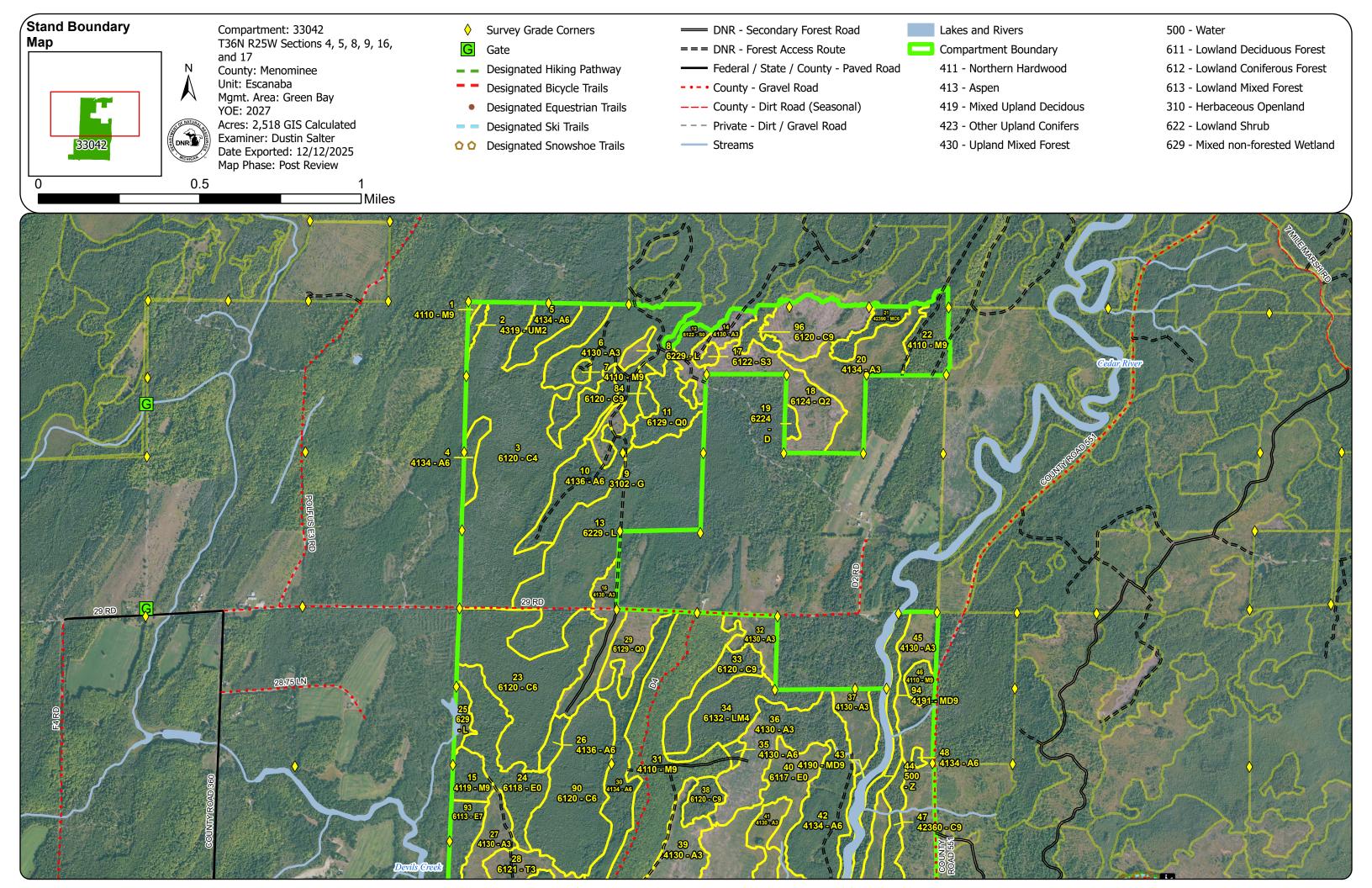
The following information is displayed, where pertinent, on the attached compartment maps:

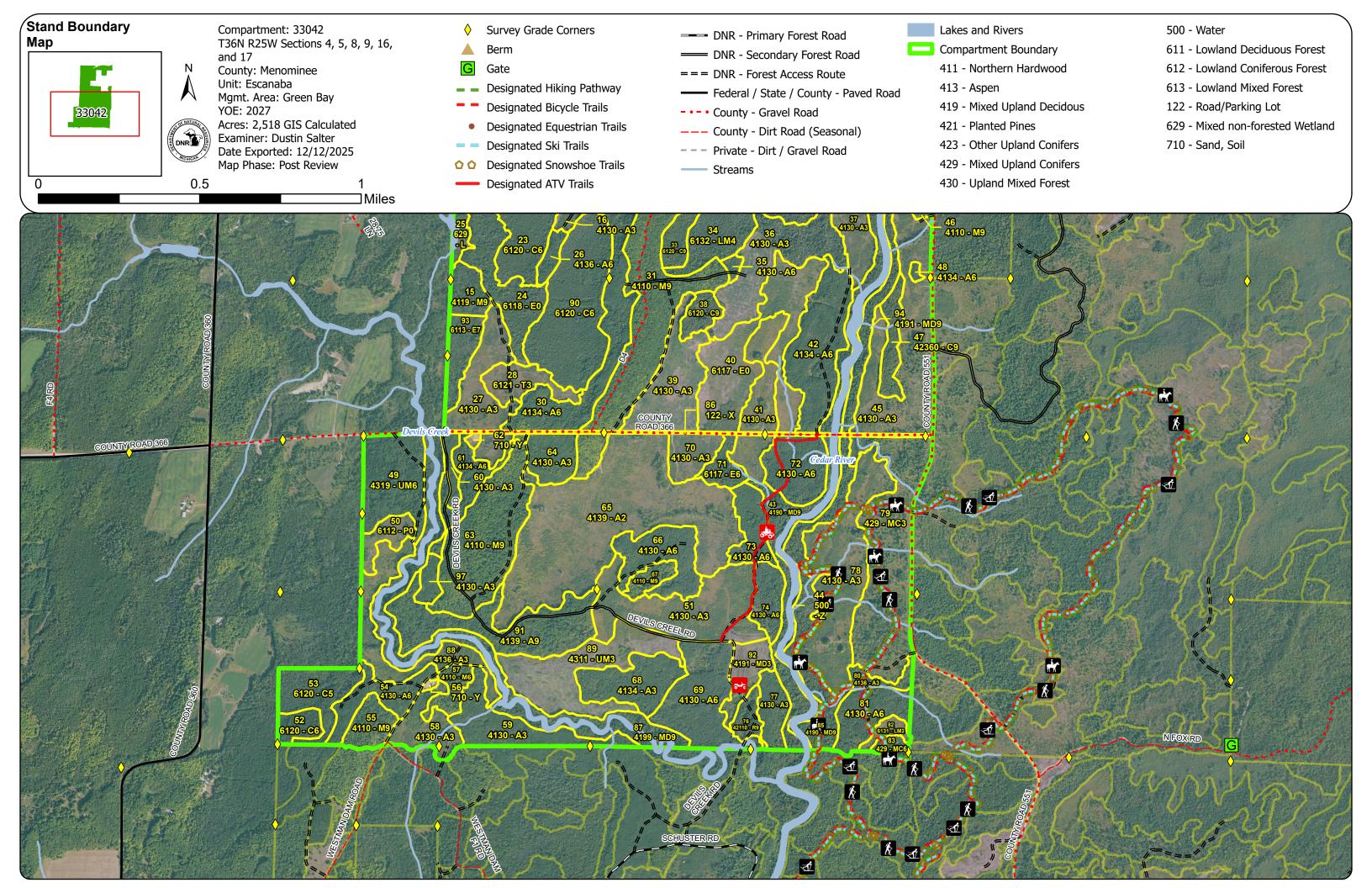
Base feature information, stand boundaries, cover types, and numbers Proposed treatments
Site condition boundaries
Details on the road access system

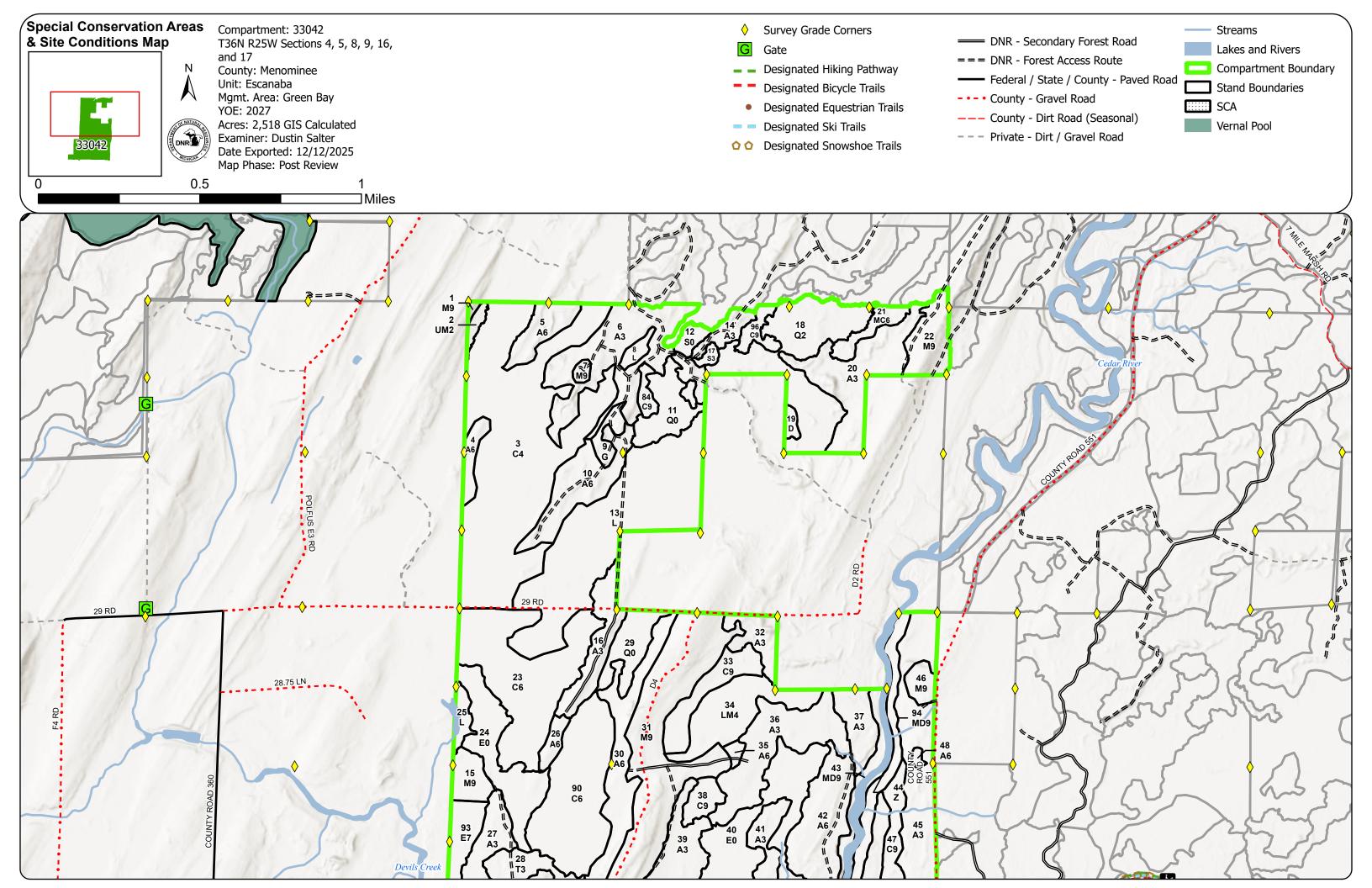


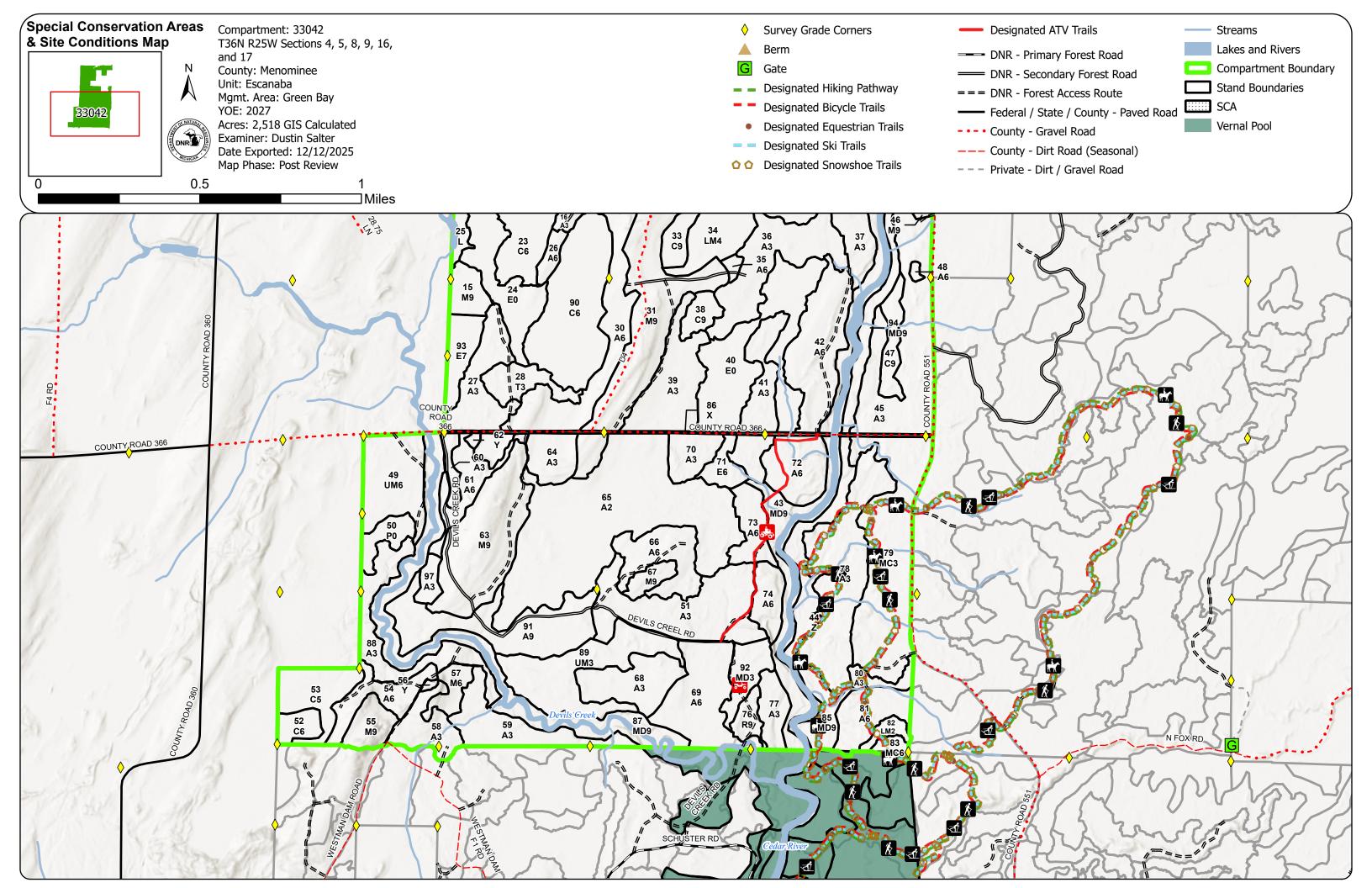












Escanaba Mgt. Unit **Dustin Salter: Examiner** 



## Age Class

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	₹gg.	ko (	3 / 2					8/8					70,		\$\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\			S See	A LOS
Aspen	0	625	149	159	140	0	24	49	0	0	0	0	0	0	0	0	0	0	1146
Cedar	0	0	0	0	0	0	0	0	0	0	0	0	167	145	50	8	0	0	369
Herbaceous Openland	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Lowland Aspen/Balsam Poplar	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Lowland Conifers	35	59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	94
Lowland Deciduous	94	0	0	0	8	0	0	0	0	0	0	14	0	0	0	0	0	0	116
Lowland Mixed Forest	0	5	0	0	0	0	0	0	0	0	0	32	0	0	0	0	0	0	37
Lowland Shrub	113	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	113
Lowland Spruce/Fir	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Mixed Upland Deciduous	0	14	0	0	0	0	0	0	0	0	84	0	77	0	0	0	0	0	175
Northern Hardwood	0	0	0	0	0	0	0	0	0	0	14	205	0	0	0	0	0	0	219
Red Pine	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	7
Sand, Soil	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Tamarack	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14
Treed Bog	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Upland Conifers	0	0	0	75	0	0	13	0	0	0	0	0	0	0	0	0	0	0	87
Upland Mixed Forest	0	46	0	0	37	0	0	0	0	0	0	0	0	0	0	0	0	0	83
Urban	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Water	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25
Total	300	763	153	234	185	0	37	56	0	0	98	251	244	145	50	8	0	0	2521



# **Report 2 – Treatment Summary**

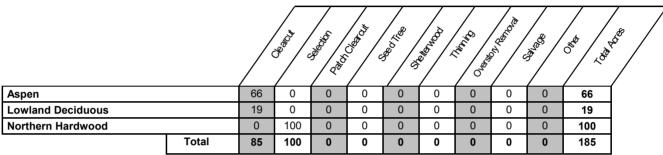
Escanaba Mgt. Unit Year of Entry: 2027

#### **Acres of Harvest**

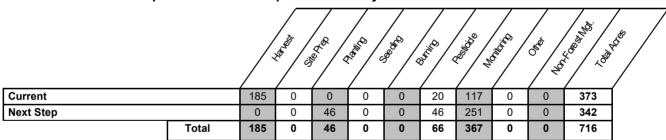
Compartment 42
Total Compartment Acres: 2,518

Commercial Harvest - 348 Harvests with Site Condition - 0 Next Step Harvest - 0 Habitat Cut - 11

# **Cover Type by Harvest Method**



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



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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

**Proposed Treatments:** 

7 33042007-Cut 2.0 4110 - Sugar Maple 9 100 81-110 Harvest Selection 411 - Northern Planting No Association Hardwood Record

Prescription Thin stand down to 70 to 80 basal area. Cut all ironwood, aspen, and spruce/fir greater than three (3) inches at DBH.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Sugar maple and basswood.

Regen:

Other Moderate quality sugar maple stand, that is ready to be thinned. The stand was previously thinned in 2006 on contract 038-02-01. There is some beech, birch, aspen, and cedar, but none represent 2% of the canopy. Treat this stand with the sale in Comp 3

Site Condition:

Proposed Start Date: 10/01/2026

9 33042009- 6.0 3102 - Grass 99 Openings Mgmt. Openings Mgmt. 310 - Previous No Opening Mgmt. Openings Mgmt. 310 - Previous No Herbaceous Inventory Openland

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

Next Step Treatments:

Acceptable Regen:

Other Comment:

Site Condition:

Proposed Start Date: 10/01/2025

12 33042012- 4.3 6122 - Black Spruce 0 2 Immatu Monitoring Monitoring - 612 - Lowland Planting No Regeneration Coniferous Record Forest

Prescription Monitor Regen.

Specs:

Next Step Treatments:

Acceptable Spruce, tamarack, balm, pine, and balsam fir.

Regen:

Other Lowland stand that will regenerate with spruce. tamarack, and white pine primarily. This stand was clearcut in 2023-24 on contract 33-014-

Comment: 17.

Site Condition:

Proposed Start Date: 10/01/2026

Escanaba Mgt. Unit Report 3 -- Treatments Compartment: 33042 s Year of Entry: 2027 t а **Treatment** Stand Size Stand BA **Treatment Treatment** Cover Type Acres Age Habitat n Name CoverType Density Age Range Type Method Objective Structure Cut d 24 33042015-Cut 10.6 6118 - Lowland Immatu Harvest Clearcut 611 - Lowland Planting Yes Deciduous Deciduous with Record re Forest Cedar Prescription Cut all trees greater than three (3) inches at DBH, except retain all hemlock and pine. This stand is in deer conditional range and has a canopy composition of 5% cedar. Harvest of cedar outside of planned retention areas has been agreed upon between FRD Specs: Next Step Monitoring, Natural Regen (Re-Inventory) Treatments: Acceptable Ash, maple, spruce, tamarack, balsam fir, and cedar. Regen: Other Percent to Treat = 100% Comment: Site Condition: Proposed Start Date: 10/01/2026 24 33042024-33.9 6118 - Lowland 0 Immatu Monitoring Monitoring -613 - Lowland **Planting** No Deciduous with Mixed Forest Record Regeneration Monitor re Cedar Prescription Regen survey. Specs: Next Step **Treatments:** Acceptable Tamarack, ash, maple, balm, spruce, balsam fir, pine, and cedar. Regen: Other Comment: Site Condition: Proposed Start Date: 10/01/2026

97.8 4110 - Sugar Maple 100 Planting 33042031-Cut 9 111-Harvest Selection 411 - Northern No Association 140 Hardwood Record

Prescription Thin stand down to 70 to 80 basal area. Also, cut all ash, beech, ironwood, aspen, balm, and spruce/fir greater than three (3) inches at DBH Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

**Treatments** 

Acceptable Maple, basswood, beech, and ash,

Regen:

Other Good quality hardwood stand that is ready to be thinned. This stand was previously thinned in 1998 on contract 040-97-01. Thinning this Comment: stand will remove the poorer quality trees, improve the spacing of the higher quality trees and harvest some of the m

Site Condition:

Proposed Start Date: 10/01/2026

33042050-6112 - Lowland 0 Immatu 613 - Lowland **Planting** No 50 Monitoring Monitoring -Aspen Regeneration Mixed Forest Record Monitor re

Prescription Regen check.

Specs:

Next Step **Treatments:** 

<u>Acceptable</u> Spruce, fir, balm, aspen, pine, ash, and maple.

Regen:

Stand was clearcut in 2019 on contract 032-17-01. There were some pine and spruce seed trees retained, along with 5 dense cedar patches. <u>Other</u> Very little regeneration at this time. Deer have browsed and killed nearly all of the maple and ash stump sprouts. Comment:

Site Condition:

Proposed Start Date: 10/01/2026

anaba Mgt. Unit	Report 3 Treatments	Compartment: 33042
		Year of Entry: 2027

Spruce/Fir

Record

n	Treatment	Acres	Stand	Size	Stand	BA	Treatment	Treatment	Cover Type	Age	Habitat
d	Name		CoverType	Density	Age	Range	Type	Method	Objective	Structure	Cut
61	33042061-Cut	17.0	4134 - Aspen,	6	54	81-110	Harvest	Clearcut	4134 - Aspen,	Planting	No

Prescription Cut all trees greater than three (3) inches at DBH, except mark to retain some pine and beech.

Specs:

S t

Monitoring, Natural Regen (Re-Inventory) Next Step

Treatments:

Acceptable Aspen, maple, balm, spruce/fir, pine, and black cherry.

Spruce/Fir

Regen:

Other Mixed two aged stand of aspen and older maple, balsam fir, and pine. All species are mature and ready to be harvested. Cutting this stand will allow for full sunlight to allow the aspen to sprout vigorously. The conifers will germinate and fill in the Comment:

Site Condition:

Proposed Start Date: 10/01/2026

6117 - Lowland 51-80 **Planting** 33042071-Cut 8.3 6 32 Harvest Clearcut 613 - Lowland Nο Mixed Forest Deciduous, Mixed Record

Coniferous

Prescription Cut all trees greater than three (3) inches at DBH, except retain the white pine. Also, mark to retain some spruce seed trees.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Aspen, balm, maple, ash, pine, and spruce/fir.

Regen:

Two aged stand of older ash, maple, and spruce/fir with younger aspen and balm. The ash and spruce/fir are dying out due to forest health **Other** 

Comment: issues. The stand is about 60% lowland. This stand needs to be harvested to salvage as much of the timber as possi

Site Condition:

Proposed Start Date: 10/01/2026

33042089-45.7 4311 - Pine, Aspen Immatu Site Prep-Mech. 42110 - Planted Planting 89 3 5 Site Prep Nο Mix Red Pine Record

Prescription Roller chop to remove the advanced regeneration and brush to improve herbicide spraying the following year.

Specs:

Planting, Unfurrowed; Monitoring, Artificial Regen; Pesticide, Aerial - Site Prep Next Step

Treatments:

Acceptable Planted red pine.

Regen:

Other Comment:

Site Condition:

Proposed Start Date: 10/01/2026

33042091-Cut 49.2 4139 - Aspen, 63 81-110 Harvest Clearcut 4139 - Aspen, **Planting** No Mixed Deciduous Mixed Deciduous Record

Prescription Cut all trees greater than three (3) inches, except retain the white pine. Also, mark to retain some retention patches where the maple is

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Aspen, balm, maple, pine, cherry, and spruce/fir.

Regen:

Mature high quality aspen and red maple stand, that is ready to be harvested. The aspen is starting to die out due to its age. By clearcutting Other

Comment: the stand the aspen, maple, and cherry will sprout following the harvest and the open areas will seed in with

Site Condition:

Proposed Start Date: 10/01/2026

Report 3 -- Treatments Compartment: 33042 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 **Approved Treatments:** 29 33042029-14.1 6129 - Mixed 0 4 Immatu Monitoring Monitoring -6122 - Black No Coniferous Lowland Regeneration Spruce Monitor re Forest Prescription Specs: Next Step Treatments: Acceptable Spruce, tamarack, balsam fir, cedar, ash, and maple. Regen: **Other** Percent to Treat = 100% Comment: Site Condition: Proposed Start Date: 10/01/2016 33042040-0 6117 - Lowland 40 54.6 6117 - Lowland Immatu Monitoring Monitoring -No Monitor Deciduous, Mixed re Regeneration Deciduous, Coniferous Mixed Coniferous **Prescription** Specs: Next Step Treatments: Acceptable Ash, balm, maple, birch, spruce, and balsam fir. Regen: Percent to Treat = 100% **Other** Comment: Site Condition: Proposed Start Date: 10/01/2016 1-50 80 33042080-20.2 4136 - Aspen, 17 Pesticide Pesticide 413 - Aspen **Planting** No Mixed Conifer Record Spray Prescription Treat Autumn Olive with herbicide. Specs: Next Step Monitoring, Treatments: Acceptable Not applicable Regen: **Other** Stand was cut in 2008 on contract 006-07-01. All aspen and hardwood (not including ash) were cut, along with balsam fir and spruce with more than two sticks. The stand has dense aspen regeneration with some older pole sized white pine and balsam fir. T

Total Treatment 373.3 Acreage Proposed:

Site Condition: Long-Term Retention Proposed Start Date: 10/01/2021

Escanaba Mgt. Unit

# **Report 4 – Site Conditions**

Escanaba Mgt. Unit

Dustin Salter: Examiner Year of Entry: 2027



Compartment: 42

# **Availability for Management**

Total	Acres	Acres Avail	Acres		Oomina	nt Site	Conditions
Acres	Available	With Condition	Not Available		3J	5E	
1146	1146	0	0	Aspen			
369	359	0	11	Cedar		11	
6	6	0	0	Herbaceous Openland			
10	10	0	0	Lowland Aspen/Balsam Poplar			
79	77	0	2	Lowland Conifers		2	
61	57	0	5	Lowland Deciduous		5	
36	37	0	0	Lowland Mixed Forest			
113	113	0	0	Lowland Shrub			
8	8	0	0	Lowland Spruce/Fir			
175	14	0	161	Mixed Upland Deciduous	41	120	
219	219	0	0	Northern Hardwood			
7	7	0	0	Red Pine			
2	2	0	0	Sand, Soil			
14	14	0	0	Tamarack			
2	3	0	0	Treed Bog			
18	13	0	6	Upland Conifers		6	
82	82	0	0	Upland Mixed Forest			
8	8	0	0	Urban			
25	25	0	0	Water			
2,381	2,197		184	Total Forested Acres	41	143	
	92%		8%	Relative Percent			

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

Site No.	e Dominant Site . Cond Availability Dominant Site Condition		Acres Other Site Condition		Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable	5E: Long-Term Retention	35 3J: Water quality/BMPs (stream, river, or lake)		3D: Recreational/scenic values	Unspecified	Unspecified
	0						

#### Comments:

This stand was the retention for the harvest in stand 78. It also provides a buffer along the Big Cedar River and the Forest Island Pathway that runs through it.

# **Report 4 – Site Conditions**

Escanaba Mgt. Unit

Dustin Salter: Examiner



2	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Denser cedar patch	nes that were retained for long to	erm rete	ention.			
3	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Denser cedar patch	nes that were retained for long to	erm rete	ention.			
4	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Denser cedar patch	nes that were retained for long to	erm rete	ention.			
5	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Long term retention	of denser cedar patches.					
6	Unavailable	5E: Long-Term Retention	6	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
7	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Patches with a mix	of species and denser cedar.					
8	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	13	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: This stand is a buff	er along the Big Cedar River.					
9	Unavailable	5E: Long-Term Retention	5	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						

# **Report 4 – Site Conditions**

Escanaba Mgt. Unit

Dustin Salter: Examiner



10	Unavailable	5E: Long-Term Retention	5	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Lowland ash area t	hat was retained for diversity an	d visu	al buffer.			
11	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Retention patches of	of mixed hardwood, aspen, and	pine.				
12	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	28	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: This stand provides	a buffer along the Big Cedar R	ver.				
13	Unavailable	5E: Long-Term Retention	21	3J: Water quality/BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
	Comments: This stand was the	retention for the harvest in stand	d 45.	It also provides a buffer along	the Big Cedar River.		
14	Unavailable	5E: Long-Term Retention	64	3J: Water quality/BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Т	Comments: This stand was part ouffer along Devils	t of the Long Term Retention of Creek.	stand	s 59, 88, and 89. It will also be	e part of the retention fo	r stand 91. This stand also	provides a riparian
15	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						
16	Unavailable	5E: Long-Term Retention	6	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: This stand was part	t of stand 18, but it was retained	to pro	ovide Long Term Retention for	stand 18.		

# Report 4 - Site Conditions

Escanaba Mgt. Unit

Dustin Salter: Examiner

Compartment: 42 Year of Entry: 2027



18	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
С	Comments:						
		FF. Lang Tage Batantian	5	Unspecified	Unspecified	Unspecified	Unspecified
23	Unavailable	5E: Long-Term Retention	5	Orispecified	Orispecified	Onopcomod	Orispedified

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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				



Stan	d Level 4 Co	over Type		Size De	nsity	Acres	Stand Age B	A Range	Managed Site		General Comments
1	4110 - Sugar M	aple Asso	ociation	Sawtimb	er Well	1.0	98	81-110	N/A	<b>\</b>	Stand was last thinned in 1994 on contract 040-93-01. The stand is
	Canopy Species	% Cover	Size Class		l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	the edge of a hardwood ridge and is not in need of a thinning. There is a dense understory of balsam fir regeneration.
	Sugar Maple	65	Log/Pole	10	98	Iro	onwood	Low	>20 feet	>20 feet	, ,
	Basswood	35	Log/Pole	12	98	Whi	te Spruce	Low	10 - 20 feet	10 - 20 feet	
						Ва	lsam Fir	High	10 - 20 feet	10 - 20 feet	
2	4319 - Mixed	Upland Fo	orest	Sapling l	Лedium	2.9	31 I	mmature	N/A	١	Upland conifer stand, with some white ash. There was a significant
	Canopy Species	% Cover	Size Class	DBH	l Age						amount of older/residual balsam fir that has died out and more balsam fir and tamarack are seeding in. The larger ash is dying out due to the
	White Ash	25	Sapling/Pole	9 4	31						emerald ash borer. This stand was clearcut in 1994 on contract 040-
	Balsam Poplar	10	Sapling/Pole	3	31						93-01.
	Balsam Fir	30	Sapling/Pole	9 3	31						
	Tamarack	25	Sapling	2	31						
	Ironwood	10	Sapling	2	31						
3	6120 - Lov	vland Ced	ar I	Poletimb	er Poor	156.4	112	51-80	N/A	1	Very low quality cedar stand. There is some better quality cedar along
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	the upland transitions, but overall very low quality. The majority of the other species have died out of the stand, due to forest health
	Paper Birch	5	Pole/Log/Sa	p 9	112	Ва	lsam Fir	Medium	5 - 10 feet	5 - 10 feet	concerns and age. The open areas of the stand should begin to seed
	Black Spruce	5	Pole/Log/Sa	p 9	112	Ta	ag Alder	High	5 - 10 feet	5 - 10 feet	in with tamarack and balm. The northern portion of this stand was on
No	orthern White Cedar	65	Pole/Log/Sa	р 8	112						contract 33-045-17, but was turned back uncompleted.
	Tamarack	20	Pole/Log/Sa	p 9	112						
	Black Ash	5	Pole/Sapling	7	112						
4	4134 - Aspe	n, Spruce	/Fir	Poletimb	er Well	7.0	57	51-80	N/A	٨	Decent quality aspen stand. The best access into the stand is
	Canopy Species	% Cover	Size Class	DBH	l Age						through private property, but due to the small acreage it isn't worth trying to get access.
	Paper Birch	5	Log/Pole	10	98						aying to got access.
	Quaking Aspen	60	Pole/Log	9	57						
	Balsam Fir	28	Pole/Sap/Lo	g 8	98						
	White Spruce	2	Log/Pole/Sa	p 12	98						
No	orthern White Cedar	5	Log/Pole	14	112						
5	4134 - Aspe	n, Spruce	/Fir	Poletimb	er Well	13.5	29	1-50	N/A	١	Fully stocked good quality aspen and balsam fir stand. About half the
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	balsam fir is about 60 years old. This stand was clearcut in 1996 on contract 040-93-01.
	Quaking Aspen	60	Pole/Sapling	j 5	29	Ta	marack	Low	10 - 20 feet	10 - 20 feet	
	Balsam Poplar	5	Pole/Sapling	<b>5</b>	29	Blackbe	rry/Raspberry	Low	5 - 10 feet	5 - 10 feet	
	Balsam Fir	30	Pole/Sapling	9 6	29						_
No	orthern White Cedar	5	Log/Pole	14	112						



Stan	d Level 4 C	over Type	;	Size De	nsity	Acres	Stand Age E	A Range	Managed Site		General Comments			
6	4130	- Aspen		Saplin	g Well	51.9	19	Immature	N/A	4	Fully stocked aspen stand with some residual cedar. The majority of			
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	the stand was clearcut in 2006 on contract 038-02-01; except the eastern edge was clearcut in 2010 on contract 008-07-01. A high			
	Red Maple	2	Sapling	2	19	Ta	amarack	Low	10 - 20 feet	10 - 20 feet	percentage of the cedar that was retained has blown over or snapped			
	Quaking Aspen	75	Sapling/Pole	3	19	Wh	ite Spruce	Low	5 - 10 feet	5 - 10 feet	off already.			
	Balsam Poplar	5	Sapling/Pole	4	19			,			•			
	Balsam Fir	5	Sapling/Pole	3	19									
N	orthern White Cedar	8	Log/Pole	10	112									
	Black Cherry	5	Sapling/Pole	3	19									
7	4110 - Sugar N	4110 - Sugar Maple Association Sawtimbe		tion Sawtimber We		Sawtimber We		2.0	100	81-110	N/A	4	Moderate quality sugar maple stand, that is ready to be thinned. The	
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	stand was previously thinned in 2006 on contract 038-02-01. There is some beech, birch, aspen, and cedar, but none represent 2% of the			
	Sugar Maple	80	Log/Pole	11			te Spruce	Low	5 - 10 feet	5 - 10 feet	canopy.			
	Basswood	20	Log/Pole	13	100	Ir	onwood	Low	>20 feet	>20 feet	.,			
			<del>-</del>			Ba	ılsam Fir	Low	5 - 10 feet	5 - 10 feet				
						Musclew	ood/Hornbeam	Medium	< 5 feet	< 5 feet				
8	6229 - Mixed	Lowland S	hrub	No	ne	3.5		1	No	)	This stand is flooded lowland brush with cattails and some tamaracl			
						Sub-Ca	nopy Species	Density	Avg. Height	Size	seedlings.			
						Ta	amarack	Low	10 - 20 feet	10 - 20 feet				
						Wi	llow spp.	Low	5 - 10 feet	5 - 10 feet				
9	3102	- Grass		No	ne	6.0			No	)	This stand is on a series of gravel ridges/knobs. This site looks like			
						Sub-Ca	nopy Species	Density	Avg. Height	Size	was an old homestead that had been farmed at one point. There are a number of rock piles. This stand is currently a mix of grass, spotted			
						Wh	ite Spruce	Low	>20 feet	>20 feet	knapweed, and some aspen and spruce seedlings/saplings.			
						Bals	am Poplar	Low	5 - 10 feet	5 - 10 feet				
						Bla	ck Cherry	Low	>20 feet	>20 feet				
						Ta	amarack	Low	>20 feet	>20 feet				
						Blackbe	erry/Raspberry	Low	5 - 10 feet	5 - 10 feet				
10	4136 - Aspen	ı, Mixed Co	nifer P	oletimb	er Wel	29.2	29	51-80	N/A	4	Fully stocked aspen stand with a mix of other species and some			
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	residual cedar. This stand was clearcut in 1995-96 on contract 046- 92-01; except the cedar and hemlock were retained.			
	Sugar Maple	2	Pole/Log/Sap	8	87	Ir	onwood	Low	10 - 20 feet	10 - 20 feet	oz o i, except the couch and normost vero retained.			
	White Ash	3	Pole/Sapling	6	29			,			•			
	Quaking Aspen	53	Pole/Sapling	5	29									
	Balsam Poplar	5	Pole/Sapling	5	29									
	Balsam Fir	15	Pole/Sapling	6	29									
	White Spruce	2	Sapling/Pole	3	29									
N	orthern White Cedar	15	Log/Pole	11	112									
	Black Cherry	5	Pole/Sapling	5	29									



Stand	Level 4 Co	over Type		Size De	ensity	Acres	Stand Age	BA Range	Managed	Site	General Comments
11	6129 - Mixed Conife	erous Low	land Forest	Unspe	cifed	18.4	2	Immature			Lowland brush stand that will regenerate with a mix of spruce,
						Sub-Ca	nopy Specie	s Density	Avg. Height	Size	tamarack, and white pine primarily. Two retention patches of denser cedar were retained, one is stand 84 and a smaller one in the
						Ta	amarack	Low	< 5 feet	< 5 feet	southwest corner of the stand. This stand was clearcut in 2023-24 on
						Ta	ag Alder	Medium	5 - 10 feet	5 - 10 feet	contract 33-014-17.
						Blad	ck Spruce	Low	10 - 20 feet	10 - 20 feet	
						Northerr	n White Ceda	r Low	>20 feet	>20 feet	
						Mich	nigan Holly	Low	5 - 10 feet	5 - 10 feet	
12	6122 - Bl	ack Spruc	е	Unspe	cifed	4.3	2	Immature			Lowland stand that will regenerate with spruce. tamarack, and white
						Sub-Ca	nopy Specie	s Density	Avg. Height	Size	pine primarily. This stand was clearcut in 2023-24 on contract 33-014-17.
						Ta	amarack	Low	< 5 feet	< 5 feet	- ''.
						Blad	ck Spruce	Low	< 5 feet	< 5 feet	
13	6229 - Mixed	Lowland S	Shrub	Nor	ne	103.6			N	0	Lowland brush stand, with some pockets of merchantable trees. This
						Sub-Ca	nopy Specie	s Density	Avg. Height	Size	stand had a significant amount of tamarack, which was killed by the eastern larch beetle. The spruce and other shorter lived species are
						Ta	amarack	Low	>20 feet	>20 feet	dying out, due to age. The open areas should begin to regenerate
						Pa	per Birch	Low	>20 feet	>20 feet	with tamarack and spruce.
						Ta	ag Alder	Medium	5 - 10 feet	5 - 10 feet	
						Blad	ck Spruce	Low	>20 feet	>20 feet	
						Northerr	n White Ceda	r Low	>20 feet	>20 feet	
						Mich	nigan Holly	Medium	5 - 10 feet	5 - 10 feet	
14	4130	- Aspen		Sapling	g Well	12.6	3	Immature	N/	A	Fully stocked upland ridge of aspen. This stand was clearcut in 2022
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Specie	s Density	Avg. Height	Size	on contract 33-014-17.
	Red Maple	10	Sapling	1	3	Blackbe	rry/Raspberry	y Low	5 - 10 feet	5 - 10 feet	
	Quaking Aspen	75	Sapling	1	3						_
	Balsam Poplar	5	Sapling	1	3						
	Balsam Fir	5	Sapling	1	15						
	Black Cherry	5	Sapling	1	3						
15	4119 - Mixed No	rthern Har	dwoods S	Sawtimb	er Well	10.6	107	51-80	N/	A	Moderate to low quality red maple stand, with a mix of species. The
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Specie	s Density	Avg. Height	Size	west edge is lower and had more ash, but most of it has died out due to the emerald ash borer. This stand was on contract 33-045-17, but
	Red Maple	75	Log/Pole	12	107	Ва	lsam Fir	Low	10 - 20 feet	10 - 20 feet	it was turned back uncompleted. Stand 93 was also part of this stand,
	Paper Birch	5	Pole/Log	9	107	Ta	ag Alder	Medium	5 - 10 feet	5 - 10 feet	but it was mostly ash and nearly all of it has died out as well.
	Quaking Aspen	5	Log/Pole	10	107						I Following the harvest this stand will regenerate with a mix of maple, aspen, spruce/fir, and pine.
	White Spruce	5	Pole/Log/Sap	8	107						aspon, sp. ass,, and pino.
No	rthern White Cedar	5	Pole/Log	9	107						
	Hemlock	5	Log/Pole	10	107						

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Stan	d Level 4 C	over Type		Size De	nsity	Acres	Stand Age E	BA Range	Managed S	ite	General Comments
16	4130	- Aspen		Sapling	Well	20.7	4	Immature	N/A	\	Fully stocked aspen stand that was clearcut in 2021 on contract 33-
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	045-17.
	Quaking Aspen	45	Sapling	1	4	Blackber	ry/Raspberry	Low	5 - 10 feet	5 - 10 feet	
	Bigtooth Aspen	35	Sapling	1	4						
	White Spruce	2	Sapling	1	4						
	Black Cherry	18	Sapling	1	4						
17	6122 - Bl	ack Spruce	е	Sapling	Well	3.8	15	Immature	N/A	\	Fully stocked lowland conifer stand that was clearcut in 2010 on
	Canopy Species	% Cover	Size Class	DBH	Age						contract 008-07-01.
	Red Maple	5	Sapling	1	15						
	Balsam Fir	5	Sapling	1	15						
	Black Spruce	50	Sapling	1	15						
	Tamarack	35	Sapling	1	15						
	White Pine	5	Sapling	1	15						
18	6124 - Lowl	and Spruce	e-Fir	Sapling I	/ledium	58.8	3	Immature	N/A	1	Regenerating lowland conifer stand with some aspen. This stand will
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	continue to fill in over the next decade. Two retention patches with denser cedar were retained. The large one is now stand 96, with a
	Quaking Aspen	20	Sapling	1	3	Michi	gan Holly	Low	5 - 10 feet	5 - 10 feet	smaller one on the east side of the stand. This stand was clearcut in
	Balsam Fir	20	Sapling	1	3	Та	g Alder	Low	5 - 10 feet	5 - 10 feet	2022 on contract 33-014-17.
	Black Spruce	30	Sapling	1	3						_
	Tamarack	25	Sapling	1	3						
	White Pine	5	Sapling	1	3						
19	6224 -	Treed Bog		Nor	ne	2.5			No		Stand is a treed bog, with very few merchantable stems.
						Sub-Car	nopy Species	Density	Avg. Height	Size	
						Та	marack	Low	>20 feet	>20 feet	
						Wh	ite Pine	Low	>20 feet	>20 feet	
						Blac	k Spruce	Medium	>20 feet	>20 feet	
20	4134 - Asp			Sapling		40.6	7	Immature	N/A	\	Fully stocked aspen stand with the lower areas filling in with lowland conifers. The stand is about 70% upland. This stand was clearcut in
	Canopy Species	% Cover	Size Class	DBH	Age		nopy Species	Density	Avg. Height	Size	2018 on contract 33-014-17. One retention patch was retained.
	Quaking Aspen	60	Sapling	1	7		ry/Raspberry	Medium	< 5 feet	< 5 feet	·
	Balsam Poplar	2	Sapling	1	7	Wil	ow spp.	Low	< 5 feet	< 5 feet	
	Balsam Fir	6	Sapling	1	7						
	Black Spruce	15	Sapling	1	7						
	Tamarack	15	Sapling	1	7						
	Ironwood	2	Sapling	1	7						

Escanaba Mgt. Unit



Stan	d Level 4 C	over Type		Size I	Density	Acres	Stand Age B	A Range	Managed S	Site	General Comments
21	42390 - Mixed Non-	-Pine Uplan	nd Conifers	Poletin	nber Wel	8.3	56	51-80	N/A	A	Fully stocked upland conifer stand. This stand is two aged with
	Canopy Species	% Cover	Size Class	DE	BH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	mature cedar, maple, white pine and some 56 year old spruce, fir, and aspen.
	Red Maple	15	Log/Pole	1	0 113	Mich	igan Holly	Low	5 - 10 feet	5 - 10 feet	
	Quaking Aspen	10	Pole/Saplin	g 6	56						-
	Balsam Fir	20	Pole/Saplin	g 6	56						
	Black Spruce	30	Pole/Sap/Lo	og 6	56						
No	orthern White Cedar	15	Pole/Log	S	113						
	White Pine	10	Pole/Log/Sa	ap 7	7 56						
22	4110 - Sugar N	/laple Assoc	ciation	Sawtin	nber Well	17.5	100	51-80	N/A	4	Good quality hardwood stand, that was thinned in 2018 on contract 33
	Canopy Species	% Cover	Size Class	DE	3H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	014-17. The stand was previously thinned in 1989 on contract 013-87- 14. This stand has a very dense layer of sedge throughout it.
	Sugar Maple	80	Log/Pole	1	0 100	Wh	te Spruce	Low	< 5 feet	< 5 feet	
	Basswood	18	Log/Pole	1-	4 100	Ir	onwood	Low	10 - 20 feet	10 - 20 feet	
	Beech	2	Log/Pole	1:	2 100						-
23	6120 - Lo	wland Ceda	ar	Poletin	nber Wel	71.9	121	51-80	N/A	4	Moderate to low quality cedar stand, except along the upland
	Canopy Species	% Cover	Size Class	DE	BH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	transitions where the cedar is better quality. This stand has some denser areas of ash and tamarack, but most has died out due to
	Paper Birch	2	Pole/Log	3	3 121	Ва	lsam Fir	Low	10 - 20 feet	10 - 20 feet	forest health issues.
	Balsam Fir	2	Pole/Sap/Lo	og 8	3	Ta	ag Alder	Medium	5 - 10 feet	5 - 10 feet	
	Black Spruce	5	Pole/Log/Sa	ap 9	121						-
No	orthern White Cedar	75	Pole/Log	S	121						
	Tamarack	11	Pole/Log/Sa	ap 8	3 121						
	Black Ash	5	Pole/Saplin	g 7	7 121						
24	6118 - Lowland D	eciduous w	ith Cedar	Uns	pecifed	34.8	2	lmmature			Stand was clearcut in 2024-25 on contract 33-045-17. Three retention
						Sub-Ca	nopy Species	Density	Avg. Height	Size	patches with denser cedar were retained. The stand will regenerate with spruce, tamarack, and pine primarily.
						Bals	am Poplar	Low	< 5 feet	< 5 feet	with opinion, tamaraon, and pinio primarily.
						Ta	ag Alder	Medium	5 - 10 feet	5 - 10 feet	
						Norther	White Cedar	Low	>20 feet	>20 feet	
						Ва	lsam Fir	Low	10 - 20 feet	10 - 20 feet	
						Ta	ımarack	Low	< 5 feet	< 5 feet	
25	629 - Mixed non	n-forested V	Vetland	Ν	lone	5.5			No	1	Lowland brush stand with some scattered cedar, tamarack and ash.
						Sub-Ca	nopy Species	Density	Avg. Height	Size	
							ımarack	Low	>20 feet	>20 feet	
						Ta	ng Alder	Medium	5 - 10 feet	5 - 10 feet	



Stand	Level 4 Co	ver Type	s s	ize De	nsity	Acres	Stand Age	BA Range	Managed S	ite	General Comments
26	4136 - Aspen,	Mixed C	onifer Po	oletimb	er Well	5.2	31	51-80	N/A		Fully stocked aspen stand, with some residual cedar and spruce. The stand was clearcut in 1994 on contract 005-93-01.
	Canopy Species	% Cove	r Size Class	DBH	l Age						Stand was cleared in 1994 on contract 003-93-01.
	Quaking Aspen	75	Pole/Sapling	7	31						
	Balsam Fir	10	Pole/Sapling	7	31						
	White Spruce	2	Pole/Sapling	7	65						
No	rthern White Cedar	10	Pole/Log	8	121						
	Black Cherry	3	Pole/Sap/Log	8	31						
27	4130 -	Aspen	5	Sapling	y Well	32.3	5	Immature	N/A		Fully stocked aspen stand with a few lower areas that are
	Canopy Species	% Cove	r Size Class	DBH	l Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size	regenerating with conifers. The stand was clearcut in 2020 on contract 33-045-17. The hemlock was retained along with some white
	Quaking Aspen	70	Sapling	1	5	Blackbe	rry/Raspberry	Medium	5 - 10 feet	5 - 10 feet	pine seed trees.
	Balsam Poplar	10	Sapling	1	5	WI	hite Pine	Low	< 5 feet	< 5 feet	·
	Balsam Fir	5	Sapling	1	5						_
	White Pine	5	Log/Pole/Sap	16	108						
	Black Cherry	10	Sapling	1	5						
28	6121 - T	amarack	5	Sapling	y Well	14.2	4	Immature	N/A		Fully stocked lowland conifer stand, with an upland strip of aspen in
	Canopy Species	% Cove	r Size Class	DBH	l Age						the center of the stand. This stand was clearcut in 2021 on contract
	Quaking Aspen	15	Sapling	1	4						33-045-17.
	Balsam Fir	5	Sapling	1	4						
	Black Spruce	20	Sapling	1	4						
	Tamarack	50	Sapling	1	4						
	White Pine	10	Sapling	1	4						
29	6129 - Mixed Conife	rous Low	, ,	Unspe	cifed	16.2	4	Immature			Stand was clearcut in 2021 on contract 33-045-17. Three denser
29				Oop 0	55 П		nopy Species		Avg. Height	Size	patches of cedar were retained. This stand is starting to regenerate
					+		amarack	Low	< 5 feet	< 5 feet	with a mix of lowland conifers and balm.
					-		am Poplar	Low	< 5 feet	< 5 feet	
					-		<u> </u>	Low	< 5 feet	< 5 feet	
							ck Spruce			_	
					-		n White Cedar		>20 feet	>20 feet	
						18	ag Alder	Medium	5 - 10 feet	5 - 10 feet	
30	4134 - Aspe	n, Spruce	e/Fir Po		er Well	52.3	31	51-80	N/A		Fully stocked aspen stand with pockets of upland conifers. This stand  ¬ was clearcut in 1994 on contract 005-93-01.
	Canopy Species	% Cove	r Size Class	DBH	l Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size	was sistance in 100 f on contract 500 50 51.
	Quaking Aspen	58	Pole/Sapling	6	31	Haze	lnut (Spp.)	Low	5 - 10 feet	5 - 10 feet	
	Balsam Fir	13	Sapling/Pole	4	31	Ta	ag Alder	Low	5 - 10 feet	5 - 10 feet	
	White Spruce	12	Sapling/Pole/Log	g 4	31						
No	rthern White Cedar	2	Pole/Log	9	120						
	Tamarack	5	Pole/Sapling	5	31						
	White Pine	5	Pole/Sap/Log	5	31						
	Black Cherry	5	Pole/Sapling	5	31						



Stand	Level 4 Co	ver Type	s	ize De	nsity	Acres Stand Age E	3A Range	Managed S	Site	General Comments
31	4110 - Sugar Ma	aple Assoc	ciation Sa	awtimb	er Well	97.9 100	111-140	N/A	A	Good quality hardwood stand that is ready to be thinned. This stand
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy Species	Density	Avg. Height	Size	was previously thinned in 1998 on contract 040-97-01. Thinning this stand will remove the poorer quality trees, improve the spacing of the
	Sugar Maple	65	Log/Pole	12	100	White Pine	Low	< 5 feet	< 5 feet	higher quality trees and harvest some of the mature trees. There are
	Red Maple	5	Log/Pole	13	100	Ironwood	Medium	>20 feet	>20 feet	four deer exclosures within the stand.
	Basswood	15	Log/Pole	14	100	White Spruce	Low	5 - 10 feet	5 - 10 feet	
	White Ash	8	Log/Pole	13	100	Balsam Fir	Low	>20 feet	>20 feet	
	Beech	5	Log/Pole	13	100					
I	Bigtooth Aspen	2	Pole/Log	9	100					
32	4130 -	Aspen	(	Sapling	y Well	12.4 5	Immature	N/A	4	Fully stocked aspen stand, with a few lower pockets that are filling in
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy Species	Density	Avg. Height	Size	with balm, spruce, and balsam fir. This stand was clearcut in 2020 on contract 33-044-17.
	Beech	2	Sapling	1	5	Blackberry/Raspberry	Low	5 - 10 feet	5 - 10 feet	30/11/40t 00 044 17.
(	Quaking Aspen	75	Sapling	1	5			1		
	Balsam Poplar	10	Sapling	1	5					
	Balsam Fir	3	Sapling	1	5					
	Black Spruce	3	Sapling	1	5					
	White Pine	2	Sapling	1	5					
	Black Cherry	5	Sapling	1	5					
33	6120 - Low	land Ceda	ır Sa	awtimb	er Well	18.9 137	171-200	N/A	Ą	Good quality cedar stand that is on the transition zone. The cedar on the north end is much higher quality. Within the northern end, a large
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy Species	Density	Avg. Height	Size	patch of cedar has blown over and the cedar around the edge of the
	Paper Birch	3	Log/Pole	11	137	Balsam Poplar	Medium	>20 feet	>20 feet	open area continues to blow over. There were 5 strips cut out of the
(	Quaking Aspen	2	Log/Pole	11		Paper Birch	Low	>20 feet	>20 feet	stand in 1969 on the south end. These strips have regenerated with aspen, birch, and balsam fir primarily. These strips are so dense they
	Balsam Poplar	2	Log/Pole	12	137	Balsam Fir	Low	>20 feet	>20 feet	aspen, blich, and balsam in primarily. These strips are so dense they are growing very slowly.
	Balsam Fir	5	Pole/Log/Sap	9						i ale ulowillu velv Slowiv.
	D1 1 0		. 5. 1	9		Quaking Aspen	Low	>20 feet	>20 feet	are growing very slowly.
	Black Spruce	5	Log/Pole/Sap	13	137	Quaking Aspen	Low	>20 feet	>20 feet	are growing very slowly.
Nor	thern White Cedar	75	<u> </u>	13 14	137	Quaking Aspen	Low	>20 feet	>20 feet	are growing very slowly.
Nor	<u>'</u>		Log/Pole/Sap Log/Pole/XLog Log/Pole/Sap	13	137 137	Quaking Aspen	Low	>20 feet	>20 feet	are growing very slowly.
Nor	thern White Cedar	75	Log/Pole/Sap Log/Pole/XLog	13 14	137	Quaking Aspen	Low	>20 feet	>20 feet	are growing very slowly.
	thern White Cedar Tamarack	75 3 5	Log/Pole/Sap Log/Pole/XLog Log/Pole/Sap Pole/Sap/Log	13 14 10 9	137 137 137	Quaking Aspen 31.8 108	1-50	>20 feet		Very poor quality stand that remains wet for most of the year.
34	thern White Cedar Tamarack Black Ash 6132 - Mixed Lowlar	75 3 5	Log/Pole/Sap Log/Pole/XLog Log/Pole/Sap Pole/Sap/Log	13 14 10 9	137 137 137	<u> </u>	1-50			Very poor quality stand that remains wet for most of the year. Portions of the stand have very few merchantable stems, with some
34	thern White Cedar Tamarack Black Ash 6132 - Mixed Lowlar	75 3 5	Log/Pole/Sap Log/Pole/XLog Log/Pole/Sap Pole/Sap/Log	13 14 10 9	137 137 137 er Poor Age	31.8 108	1-50	N/A	A	Very poor quality stand that remains wet for most of the year. Portions of the stand have very few merchantable stems, with some small dense pockets of cedar. The ash and tamarack are dying out of the stand due to forest health issues. There isn't enough volume left
34	thern White Cedar Tamarack Black Ash 6132 - Mixed Lowlar Canopy Species	75 3 5 nd Forest v	Log/Pole/Sap Log/Pole/XLog Log/Pole/Sap Pole/Sap/Log with Cedar Po	13 14 10 9	137 137 137 er Poor	31.8 108  Sub-Canopy Species	1-50 Density	N// Avg. Height	A Size	Very poor quality stand that remains wet for most of the year.  Portions of the stand have very few merchantable stems, with some small dense pockets of cedar. The ash and tamarack are dying out of
34	thern White Cedar Tamarack Black Ash 6132 - Mixed Lowlar Canopy Species Red Maple	75 3 5 nd Forest v % Cover 3	Log/Pole/Sap Log/Pole/XLog Log/Pole/Sap Pole/Sap/Log with Cedar Pole/Size Class Pole/Log	13 14 10 9 Dletimb	137 137 137 er Poor Age	31.8 108  Sub-Canopy Species	1-50 Density	N// Avg. Height	A Size	Very poor quality stand that remains wet for most of the year. Portions of the stand have very few merchantable stems, with some small dense pockets of cedar. The ash and tamarack are dying out of the stand due to forest health issues. There isn't enough volume left
34	thern White Cedar Tamarack Black Ash 6132 - Mixed Lowlar Canopy Species Red Maple Paper Birch	75 3 5 nd Forest v % Cover 3 5	Log/Pole/Sap Log/Pole/XLog Log/Pole/Sap Pole/Sap/Log with Cedar Po Size Class Pole/Log Pole/Sap/Log	13 14 10 9 DBH 9 7	137 137 137 er Poor 1 Age 108	31.8 108  Sub-Canopy Species	1-50 Density	N// Avg. Height	A Size	Very poor quality stand that remains wet for most of the year. Portions of the stand have very few merchantable stems, with some small dense pockets of cedar. The ash and tamarack are dying out of the stand due to forest health issues. There isn't enough volume left
34	thern White Cedar Tamarack Black Ash  6132 - Mixed Lowlar  Canopy Species Red Maple Paper Birch Balsam Fir	75 3 5 md Forest v % Cover 3 5 10	Log/Pole/Sap Log/Pole/XLog Log/Pole/Sap Pole/Sap/Log with Cedar Pole/Sap/Log Pole/Log Pole/Sap/Log Pole/Sap/Log Pole/Sap/Log	13 14 10 9 DIetimb	137 137 137 er Poor 1 Age 108 108	31.8 108  Sub-Canopy Species	1-50 Density	N// Avg. Height	A Size	Very poor quality stand that remains wet for most of the year. Portions of the stand have very few merchantable stems, with some small dense pockets of cedar. The ash and tamarack are dying out of the stand due to forest health issues. There isn't enough volume left
34	thern White Cedar Tamarack Black Ash  6132 - Mixed Lowlar  Canopy Species Red Maple Paper Birch Balsam Fir Black Spruce	75 3 5 md Forest v % Cover 3 5 10 5	Log/Pole/Sap Log/Pole/Sap Log/Pole/Sap Pole/Sap/Log with Cedar Pole/Size Class Pole/Log Pole/Sap/Log Pole/Sap/Log Pole/Sap/Log	13 14 10 9 Dletimb DBH 9 7 6 10	137 137 137 er Poor 1 <b>Age</b> 108 108 108	31.8 108  Sub-Canopy Species	1-50 Density	N// Avg. Height	A Size	Very poor quality stand that remains wet for most of the year. Portions of the stand have very few merchantable stems, with some small dense pockets of cedar. The ash and tamarack are dying out of the stand due to forest health issues. There isn't enough volume left

Compartment: 42 Year of Entry: 2027 DNR MICHIGAN

Stand	l Level 4 Co	over Type	Si	ize Density	Acres	Stand Age	BA Range	Managed S	ite	General Comments
35	4130	- Aspen	Ро	letimber We	ell 2.1	27	51-80	N/A		Small aspen stand with some residual sugar maple, ash, and
	Canopy Species	% Cover	Size Class	DBH Age						spruce/fir. The stand was cut in 1998 on contract 040-97-01.
	Sugar Maple	15	Log/Pole	14 102						
	White Ash	5	Pole/Sap/Log	5 27						
	Quaking Aspen	65	Pole/Sapling	5 27						
	Balsam Fir	10	Pole/Sapling	7 65						
No	rthern White Cedar	2	Log/Pole	12 102						
	Black Cherry	3	Pole/Sapling	5 27						
36	4130	- Aspen	S	Sapling Well	42.4	3	Immature	N/A	1	Stand was clearcut in 2022 and 2025 on contract 33-044-17. Three
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size	retention patches were retained. The southern half was cut in 2022 and the northern half in 2025, The portion cut in 2022 has fully
	Quaking Aspen	75	Sapling	1 3	ВІ	ack Ash	Low	< 5 feet	< 5 feet	regenerated. Deer have browsed and killed nearly all of the red maple
	Balsam Poplar	15	Sapling	1 3			'			and ash stump sprouts.
	Balsam Fir	3	Sapling	1 3						
	White Spruce	2	Sapling	1 3						
	Black Cherry	5	Sapling	1 3						
37	4130	- Aspen	S	Sapling Well	14.6	4	Immature	N/A		Fully stocked aspen stand. This stand was clearcut in 2021 on contract 33-044-17.
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size	Contract 30-044-17.
	Quaking Aspen	85	Sapling	1 4	Blackbe	rry/Raspberry	Low	5 - 10 feet	5 - 10 feet	
	Balsam Fir	5	Sapling	1 4						
	Black Cherry	10	Sapling	1 4						
38	6120 - Lov	wland Ceda	ır Sa	wtimber We	ell 7.8	145	201+	N/A	<b>L</b>	High quality cedar stand, where the center has blown over. Around
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size	the perimeter of the blow down area the cedar continue to get blown over.
	Red Maple	5	Log/Pole	14 145	Ва	lsam Fir	Low	< 5 feet	< 5 feet	3751.
	Paper Birch	2	Log/Pole	10 145						
	Quaking Aspen	5	Log/Pole	11						
No	rthern White Cedar	85	Log/Pole/XLog	14 145						
	Black Ash	3	Pole/Log	8 145						
39	4130	- Aspen	S	Sapling Well		3	Immature	N/A		Fully stocked aspen stand. This stand was clearcut in 2022 on contract 33-044-17.
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size	Contract 33-044-17.
	camppy opening				11		Medium	5 - 10 feet	5 - 10 feet	
	Quaking Aspen	60	Sapling	1 3	Blackbe	rry/Raspberry	Medium	0 - 10 lcct	3 - 10 1661	
	Quaking Aspen Balsam Poplar	15	Sapling Sapling	1 3	Blackbe	rry/Raspberry	Medium	3 - 10 1001	3 - 10 1661	1
	Quaking Aspen Balsam Poplar Balsam Fir	15 5		1 3	Blackbe	rry/Raspberry	Mediuiti	3 - 10 1001	3 - 10 leet	1
	Quaking Aspen Balsam Poplar	15	Sapling	1 3	Blackbe	rry/Raspberry	Medium	3 - 10 leet	3 - 10 leet	

Compartment: 42 Year of Entry: 2027 DNR DNR

Stand	Level 4 C	over Type	•	Size De	ensity	Acres	Stand Age	BA Range	Managed Si	te	General Comments
40	6117 - Lowland Con	Deciduous iferous	s, Mixed	Unspe	ecifed	59.3	4	Immature			Stand was clearcut in 2021 and 2022 on contract 044-17-01. One large retention patch was retained along the south edge of the stand
						Sub-Ca	nopy Species	s Density	Avg. Height	Size	along County Road 366. The stand is regenerating with a mix of species. Deer have browsed and killed nearly all of the red maple and
							Isam Fir	Low	< 5 feet	< 5 feet	ash stump sprouts.
						Quak	king Aspen	Low	< 5 feet	< 5 feet	
						Bla	ack Ash	Medium	< 5 feet	< 5 feet	
						Blac	k Spruce	Low	< 5 feet	< 5 feet	
						Mich	igan Holly	Medium	5 - 10 feet	5 - 10 feet	
						Та	ag Alder	High	5 - 10 feet	5 - 10 feet	
41	4130	- Aspen		Sapling	g Well	27.2	4	Immature	N/A		Nearly fully stocked aspen stand, except the lowland areas are slower
	Canopy Species	% Cove	r Size Class	DBH	l Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size	to regenerate. This stand was clearcut in 2021 on contract 33-044- 17. Three retention patches were retained. Nearly all of the red
	Red Maple	5	Sapling	1	4		rry/Raspberry		5 - 10 feet	5 - 10 feet	maple and ash stump sprouts have been browsed and killed by deer.
(	Quaking Aspen	65	Sapling	1	4						
ı	Balsam Poplar	10	Sapling	1	4						
	Balsam Fir	5	Sapling	1	4						
	White Spruce	5	Sapling	1	4						
	Black Cherry	10	Sapling	1	4						
42	4134 - Asp	en, Spruce	e/Fir P	oletimb	er Well	42.3	22	1-50	N/A		Fully stocked aspen stand with some residual older spruce and fir.
	Canopy Species	% Cove	r Size Class	DBH	l Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size	This stand was clearcut in 2003 on contract 036-02-01.
(	Quaking Aspen	70	Pole/Sapling	5	22	Blackbe	rry/Raspberry	Low	5 - 10 feet	5 - 10 feet	
	Balsam Fir	10	Pole/Sap/Log	6	65	Iro	onwood	Low	5 - 10 feet	5 - 10 feet	
	White Spruce	10	Pole/Sap/Log	8	65						_
	Tamarack	2	Sapling/Pole	4	22						
	Black Cherry	8	Sapling/Pole	4	22						
43	4190 - Mixed Upl C	and Decidu edar	uous with S	awtimb	er Well	41.3	112	51-80	N/A		Buffer strip along the Big Cedar River, that is variable with tree species and composition. A high percentage of the shorter lived
	Canopy Species	% Cove	r Size Class	DBH	l Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size	species are dying out due to age and forest health issues.
	Sugar Maple	10	Log/Pole	13	112	Blac	ck Cherry	Medium	>20 feet	>20 feet	
	Red Maple	25	Log/Pole	11	112	Ва	lsam Fir	Medium	>20 feet	>20 feet	
	Paper Birch	5	Log/Pole	10	112	Та	ng Alder	Medium	5 - 10 feet	5 - 10 feet	
(	Quaking Aspen	15	Log/Pole	10	112				<u> </u>		
	Black Spruce	5	Log/Pole/Sap	13	112						
Nort	thern White Cedar	25	Log/Pole	12	112						
	Black Ash	10	Pole/Sap/Log	9	112						
	Green Ash	5	Log/Pole	12	112						
44	500	- Water		No	ne	24.9			No		Big Cedar River



Stand	d Level 4 Co	ver Type	5	Size De	nsity	Acres	Stand Age B	A Range	Managed S	ite	General Comments
45	4130 -	Aspen		Saplino	g Well	75.3	5 lı	mmature	N/A		This stand has regenerated very well. The upland portion which is
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	about 60% of the stand is regenerating with aspen. The lowland areas are regenerating with maple, balm, spruce/fir, and white pine.
	Red Maple	13	Sapling	1	5	WI	nite Pine	Low	< 5 feet	< 5 feet	This stand was clearcut in 2020 on contract 33-039-17. The hemlock
	Quaking Aspen	60	Sapling	1	5	Ta	ag Alder	Low	5 - 10 feet	5 - 10 feet	was retained, along with some pine seed trees. Three retention patches with dense hemlock and cedar were also retained.
	Balsam Poplar	5	Sapling	1	5	Blackbe	rry/Raspberry	Medium	5 - 10 feet	5 - 10 feet	patches with derise hermock and cedar were also retained.
	Balsam Fir	5	Sapling	1	5	Wil	llow spp.	Low	< 5 feet	< 5 feet	
	White Spruce	5	Sapling	1	5	I	Beech	Low	< 5 feet	< 5 feet	
No	orthern White Cedar	2	Log/Pole	12	128						
	White Pine	2	Log/XLog	17	128						
	Hemlock	5	Log/Pole	15	128						
	Green Ash	3	Sapling	1	5						
46	4110 - Sugar M	aple Assoc	ciation S	awtimb	er Well	6.3	97	81-110	N/A		Good quality sugar maple stand. This stand was thinned in 2019 on
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	contract 33-039-17. This stand was previously thinned in 1995 on contract 024-94-01.
	Sugar Maple	85	Log/Pole	10	97	Musclewe	ood/Hornbeam	Medium	< 5 feet	< 5 feet	Somulation of the contract of
	Basswood	15	Log/Pole	13	97	Quak	king Aspen	Low	< 5 feet	< 5 feet	
				-		Ва	lsam Fir	Medium	< 5 feet	< 5 feet	
						Whi	te Spruce	Low	< 5 feet	< 5 feet	
47	42360 - Սր	oland Ceda	r S	awtimb	er Well	11.8	128	201+	N/A		Good quality cedar stand with a mix of hardwood species. The cedar
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	crowns are thinning out on the upland areas. The other species are dying out due to age.
	Yellow Birch	5	Pole/Log	9	128	Ва	lsam Fir	Low	5 - 10 feet	5 - 10 feet	dying out due to age.
	Paper Birch	10	Log/Pole	10	128						
	Quaking Aspen	5	Log/Pole	14	128						
	Black Spruce	10	Log/Pole	12	128						
No	orthern White Cedar	60	Log/Pole	12	128						
	Hemlock	2	Log/Pole	16	128						
	Black Ash	8	Pole/Sap/Log	8	128						
48	4134 - Aspe	n, Spruce/	Fir P	oletimb	er Wel	1.2	30	51-80	N/A		Small good quality aspen stand. This stand was clearcut in 1995 on
40											っcontract 024-94-01. The hemlock was retained.
40	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Solitate 62 i 6 i 7 i i i i i i i i i i i i i i i i
40	Canopy Species Red Maple	% Cover	Size Class Pole/Log	<b>DB</b> H	97		nopy Species onwood	<b>Density</b> Low	Avg. Height < 5 feet	Size < 5 feet	- Sind of GET GT GT. The homesk had retained.
46	• • • • • • • • • • • • • • • • • • • •										Solidadi oʻzir oʻri i moʻnomiosik mad rotamida.
40	Red Maple	3	Pole/Log	8	97						Solidation of the Holliesk Had Totalies.
46	Red Maple Quaking Aspen	3 70	Pole/Log Pole/Sapling	8	97						



Stand	d Level 4 C	over Type	\$	Size De	ensity	Acres	Stand Age B	A Range	Managed S	ite	General Comments
49	4319 - Mixed	l Upland Fo	prest P	oletimb	oer Well	33.8	32	51-80	N/A	<b>\</b>	Two aged stand with younger aspen and red maple and older pine
	Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Car	opy Species	Density	Avg. Height	Size	and spruce/fir. The white pine varies in age from 15 to 125 years old. The west edge of the stand is lower and has more ash. This stand
	Red Maple	8	Pole/Log/Sap	7	32	Ta	g Alder	Low	5 - 10 feet	5 - 10 feet	was clearcut in 1993 on contract 010-92-01. The cedar, pine, and
	Quaking Aspen	40	Pole/Sap/Log	7	32	Blackber	ry/Raspberry	Low	5 - 10 feet	5 - 10 feet	hemlock were retained.
	Balsam Fir	20	Pole/Log/Sap	8	32					1	
	White Spruce	10	Pole/Log/Sap	8	78						
	White Pine	10	Log/Pole/Sap	10	78						
	Hemlock	2	Log/Pole	13	125						
	Black Ash	10	Pole/Sap/Log	7	78						
50	6112 - Lo	wland Aspe	en	Unspe	ecifed	9.6	6	mmature			Stand was clearcut in 2019 on contract 032-17-01. There were some
						Sub-Car	opy Species	Density	Avg. Height	Size	pine and spruce seed trees retained, along with 5 dense cedar patches. Very little regeneration at this time. Deer have browsed and
						Bla	ck Ash	Low	< 5 feet	< 5 feet	killed nearly all of the maple and ash stump sprouts.
						Quaki	ng Aspen	Medium	< 5 feet	< 5 feet	
						Balsa	m Poplar	Low	< 5 feet	< 5 feet	
						Ta	g Alder	Low	5 - 10 feet	5 - 10 feet	
						Bal	sam Fir	Low	< 5 feet	< 5 feet	
						Will	ow spp.	Low	< 5 feet	< 5 feet	
						Blac	k Spruce	Low	< 5 feet	< 5 feet	
						Northern	White Cedar	Medium	>20 feet	>20 feet	
51	4130	- Aspen		Saplin	g Well	53.7	7	mmature	N/A	١	Fully stocked good quality aspen stand. This stand was clearcut in
	Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Car	opy Species	Density	Avg. Height	Size	2018 on contract 032-17-01.
	Red Maple	5	Sapling	1	7	Blackber	ry/Raspberry	Low	5 - 10 feet	5 - 10 feet	
	Quaking Aspen	60	Sapling	1	7						-
	Bigtooth Aspen	30	Sapling	1	7						
	Black Cherry	5	Sapling	1	7						
52	6120 - Lo	wland Ceda	ar P	oletimb	oer Well	7.8	134	201+	N/A	١	Moderate quality cedar stand that provides good winter deer cover.
	Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Car	opy Species	Density	Avg. Height	Size	
	Black Spruce	5	Pole/Log	9	134	Bal	sam Fir	Low	5 - 10 feet	5 - 10 feet	
No	orthern White Cedar	85	Pole/Log	9	134	Ta	g Alder	Low	5 - 10 feet	5 - 10 feet	
	Tamarack	10	Log/Pole	10	134						<del>-</del>



Stan	d Level 4 Cov	ver Type		Size De	nsity	Acres Stand Age B	A Range	Managed S	ite	General Comments
53	6120 - Lowl	land Cedar	r Po	letimbei	Medium	22.6 134	51-80	N/A		Stand was cut in 2003 on contract 037-97-01. All species were cut;
	Canopy Species	% Cover	Size Class		Age	Sub-Canopy Species	Density	Avg. Height	Size	except for the cedar. Only the cedar needed to be cut to harvest the designated were. The residual cedar BA ranges from 20 to 140, with
No	orthern White Cedar	100	Log/Pole	10	134	Balsam Poplar	Medium	>20 feet	>20 feet	the average being 50. Quite a bit of the residual cedar has blown
						Balsam Fir	Medium	>20 feet	>20 feet	over. The areas with a lower residual BA have more aspen, balm, an tamarack. In the higher BA areas there is more balsam fir and
						Tamarack	High	>20 feet	>20 feet	spruce. The understory is fully stocked. There are some cedar
						Black Spruce	Low	>20 feet	>20 feet	seedlings in the more open pockets, with some up to four foot tall.
						Northern White Cedar	Low	< 5 feet	< 5 feet	
						Paper Birch	Low	>20 feet	>20 feet	
						Tag Alder	Low	5 - 10 feet	5 - 10 feet	
						Quaking Aspen	Low	>20 feet	>20 feet	
54	4130 -	Aspen	Р	Poletimb	er Well	17.9 27	1-50	N/A		Fully stocked high quality aspen stand. This stand was clearcut in
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	1998 on contract 032-97-01.
	Red Maple	5	Sapling/Pole	4	27	Ironwood	Low	5 - 10 feet	5 - 10 feet	
	Quaking Aspen	50	Pole/Sapling	5	27					-
	Bigtooth Aspen	35	Pole/Sapling	5	27					
	Balsam Fir	5	Sapling/Pole	4	27					
	Black Cherry	5	Pole/Sapling	5	27					
55	4110 - Sugar Ma	ple Assoc	iation S	Sawtimb		11.8 100	81-110	N/A		Good quality sugar maple stand with a dense layer of sedge. This stand was thinned in 2019 on contract 032-17-01. The stand was
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	previously thinned in 2001 on contract 032-17-01. The stand was
	Sugar Maple	70	Log/Pole	11	100	Beech	Low	< 5 feet	< 5 feet	
	Basswood	30	Log/Pole	13	100	Balsam Fir	Low	< 5 feet	< 5 feet	
						Ironwood	Low	< 5 feet	< 5 feet	
56	710 - Sa	ınd, Soil		Nor	ie	0.8		No		Active gravel pit.
56 	710 - Sa 4110 - Sugar Ma	,	iation P	Nor Poletimb		8.7 100	51-80	No N/A		Good quality hardwood stand. This stand was thinned in 2017 on
	4110 - Sugar Ma	aple Associ	iation P	Poletimb			51-80 Density			
	4110 - Sugar Ma	aple Associ		Poletimb	er Well	8.7 100		N/A		Good quality hardwood stand. This stand was thinned in 2017 on
	4110 - Sugar Ma	aple Associ	Size Class	Poletimb	er Well	8.7 100 Sub-Canopy Species	Density	N/A Avg. Height	Size	Good quality hardwood stand. This stand was thinned in 2017 on
	4110 - Sugar Ma  Canopy Species  Sugar Maple	aple Associ	Size Class Pole/Log	Poletimb DBH	er Well  Age	8.7 100  Sub-Canopy Species  Balsam Fir	<b>Density</b> Low	N/A  Avg. Height  < 5 feet	Size < 5 feet	Good quality hardwood stand. This stand was thinned in 2017 on
	4110 - Sugar Ma  Canopy Species  Sugar Maple  Basswood	## Replication	Size Class Pole/Log Log/Pole Log/Pole	Poletimb  DBH  9 12	er Well  Age 100 100 100	8.7 100  Sub-Canopy Species  Balsam Fir  Beech  Ironwood	Density Low Low	N/A  Avg. Height  < 5 feet  5 - 10 feet	Size < 5 feet 5 - 10 feet 10 - 20 feet	Good quality hardwood stand. This stand was thinned in 2017 on contract 032-17-01. This stand was previously thinned in 1964.  Fully stocked aspen stand. This stand was clearcut in 2018 on
57	4110 - Sugar Ma  Canopy Species  Sugar Maple  Basswood  Beech	% Cover  80 15 5 Aspen	Size Class Pole/Log Log/Pole Log/Pole	Poletimb  DBH  9 12 10  Sapling	er Well  Age 100 100 100	8.7 100  Sub-Canopy Species  Balsam Fir  Beech  Ironwood	Low Low Medium	N/A  Avg. Height  < 5 feet  5 - 10 feet  10 - 20 feet	Size < 5 feet 5 - 10 feet 10 - 20 feet	Good quality hardwood stand. This stand was thinned in 2017 on contract 032-17-01. This stand was previously thinned in 1964.  Fully stocked aspen stand. This stand was clearcut in 2018 on contract 032-17-01. A buffer was retained along the drain that runs
57	4110 - Sugar Ma  Canopy Species  Sugar Maple  Basswood  Beech	% Cover 80 15 5	Size Class Pole/Log Log/Pole Log/Pole	Poletimb  DBH  9 12 10  Sapling	Age 100 100 100 Well	8.7 100  Sub-Canopy Species  Balsam Fir  Beech  Ironwood	Density Low Low Medium	N/A  Avg. Height  < 5 feet  5 - 10 feet  10 - 20 feet	Size < 5 feet 5 - 10 feet 10 - 20 feet	Good quality hardwood stand. This stand was thinned in 2017 on contract 032-17-01. This stand was previously thinned in 1964.  Fully stocked aspen stand. This stand was clearcut in 2018 on
57	4110 - Sugar Ma Canopy Species Sugar Maple Basswood Beech 4130 -	Aspen  Associated Associated Associated Associated Associated Aspen  Cover	Size Class Pole/Log Log/Pole Log/Pole	Poletimb  DBH  9 12 10  Sapling	er Well  Age	8.7 100  Sub-Canopy Species  Balsam Fir  Beech  Ironwood  17.4 7 I  Sub-Canopy Species	Low Low Medium  mmature Density	N/A  Avg. Height  < 5 feet  5 - 10 feet  10 - 20 feet  N/A  Avg. Height	Size	Good quality hardwood stand. This stand was thinned in 2017 on contract 032-17-01. This stand was previously thinned in 1964.  Fully stocked aspen stand. This stand was clearcut in 2018 on contract 032-17-01. A buffer was retained along the drain that runs
57	4110 - Sugar Ma Canopy Species Sugar Maple Basswood Beech 4130 - A Canopy Species Beech	### Associated Associa	Size Class Pole/Log Log/Pole Log/Pole Size Class Sapling	Poletimb  DBH  9 12 10  Sapling  DBH	er Well  Age	8.7 100  Sub-Canopy Species  Balsam Fir  Beech  Ironwood  17.4 7 I  Sub-Canopy Species	Low Low Medium  mmature Density	N/A  Avg. Height  < 5 feet  5 - 10 feet  10 - 20 feet  N/A  Avg. Height	Size	Good quality hardwood stand. This stand was thinned in 2017 on contract 032-17-01. This stand was previously thinned in 1964.  Fully stocked aspen stand. This stand was clearcut in 2018 on contract 032-17-01. A buffer was retained along the drain that runs
57	4110 - Sugar Ma  Canopy Species  Sugar Maple  Basswood  Beech  4130 - A  Canopy Species  Beech  Quaking Aspen	### Associated Associa	Size Class Pole/Log Log/Pole Log/Pole Size Class Sapling Sapling	Poletimb  DBH  9 12 10  Sapling  DBH  1 1	### Age   100   10	8.7 100  Sub-Canopy Species  Balsam Fir  Beech  Ironwood  17.4 7 I  Sub-Canopy Species	Low Low Medium  mmature Density	N/A  Avg. Height  < 5 feet  5 - 10 feet  10 - 20 feet  N/A  Avg. Height	Size	Good quality hardwood stand. This stand was thinned in 2017 on contract 032-17-01. This stand was previously thinned in 1964.  Fully stocked aspen stand. This stand was clearcut in 2018 on contract 032-17-01. A buffer was retained along the drain that runs
57	4110 - Sugar Ma Canopy Species Sugar Maple Basswood Beech 4130 - Canopy Species Beech Quaking Aspen Bigtooth Aspen	### Associated Report	Size Class Pole/Log Log/Pole Log/Pole Size Class Sapling Sapling Sapling	Poletimb  DBH  9 12 10  Sapling  DBH  1 1 1	### Age   100   10	8.7 100  Sub-Canopy Species  Balsam Fir  Beech  Ironwood  17.4 7 I  Sub-Canopy Species	Low Low Medium  mmature Density	N/A  Avg. Height  < 5 feet  5 - 10 feet  10 - 20 feet  N/A  Avg. Height	Size	Good quality hardwood stand. This stand was thinned in 2017 on contract 032-17-01. This stand was previously thinned in 1964.  Fully stocked aspen stand. This stand was clearcut in 2018 on contract 032-17-01. A buffer was retained along the drain that runs



Stan	d Level 4 Co	over Type	S	ize De	ensity	Acres Stand Age B	A Range	Managed S	ite	General Comments
59	4130	- Aspen	;	Saplin	g Well	28.2 17 lı	mmature	N/A	1	Fully stocked aspen stand. This stand was clearcut in 2008 on
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy Species	Density	Avg. Height	Size	contract 007-07-01. The cedar, pine, hemlock, black cherry, and ash were retained.
	Quaking Aspen	55	Sapling	2	17	Ironwood	Medium	5 - 10 feet	5 - 10 feet	
	Bigtooth Aspen	30	Sapling	2	17					
	Balsam Fir	10	Sapling	1	17					
	Black Cherry	5	Sapling	2	17					
60	4130	- Aspen	(	Saplin	g Well	5.3 17 lı	mmature	N/A		Fully stocked good quality aspen stand with some residual pine and
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Canopy Species	Density	Avg. Height	Size	balsam fir. This stand was clearcut in 2008 on contract 005-07-01.
	Red Maple	15	Sapling	3	17	Ironwood	Low	>20 feet	>20 feet	
	Quaking Aspen	30	Sapling/Pole	3	17					-
	Bigtooth Aspen	35	Sapling/Pole	3	17					
	Balsam Fir	10	Pole/Sapling	7	60					
	White Pine	5	Pole/Log/Sap	9	60					
	Black Cherry	5	Sapling/Pole	3	17					
61	4134 - Aspe				er Well	17.0 54	81-110	N/A		Mixed two aged stand of aspen and older maple, balsam fir, and pine.  All species are mature and ready to be harvested. Cutting this stand
	Canopy Species	% Cover	Size Class	DRI	l Age	Sub-Canopy Species	Density	Avg. Height	Size	
			Oize Oiass			can camppy openies	Delibity			will allow for full sunlight to allow the aspen to sprout vigorously. The
	Red Maple	20	Log/Pole	11	87	Beech	Low	10 - 20 feet	10 - 20 feet	conifers will germinate and fill in the areas where the aspen is not fully
	Red Maple Quaking Aspen	20	Log/Pole Pole/Log	11	87 54					conifers will germinate and fill in the areas where the aspen is not fully
	Red Maple Quaking Aspen Bigtooth Aspen	20 37 10	Log/Pole Pole/Log Log/Pole	11 9 10	87 54 54	Beech	Low	10 - 20 feet	10 - 20 feet	conifers will germinate and fill in the areas where the aspen is not fully
	Red Maple Quaking Aspen Bigtooth Aspen Balsam Fir	20 37 10 20	Log/Pole Pole/Log Log/Pole Pole/Log/Sap	11 9 10 8	87 54 54 87	Beech	Low	10 - 20 feet	10 - 20 feet	conifers will germinate and fill in the areas where the aspen is not fully
	Red Maple Quaking Aspen Bigtooth Aspen	20 37 10	Log/Pole Pole/Log Log/Pole	11 9 10 8 10	87 54 54 87 87	Beech	Low	10 - 20 feet	10 - 20 feet	conifers will germinate and fill in the areas where the aspen is not fully
	Red Maple Quaking Aspen Bigtooth Aspen Balsam Fir	20 37 10 20	Log/Pole Pole/Log Log/Pole Pole/Log/Sap	11 9 10 8	87 54 54 87	Beech	Low	10 - 20 feet	10 - 20 feet	conifers will germinate and fill in the areas where the aspen is not fully
62	Red Maple Quaking Aspen Bigtooth Aspen Balsam Fir White Pine Black Cherry	20 37 10 20 8	Log/Pole Pole/Log Log/Pole Pole/Log/Sap Log/Pole/Sap	11 9 10 8 10	87 54 54 87 87 87	Beech	Low	10 - 20 feet	10 - 20 feet >20 feet	will allow for full sunlight to allow the aspen to sprout vigorously. The conifers will germinate and fill in the areas where the aspen is not fully stocked. Some pine and beech will be retained for seed and diversity.  Old sand borrow pit.
62	Red Maple Quaking Aspen Bigtooth Aspen Balsam Fir White Pine Black Cherry	20 37 10 20 8 5	Log/Pole Pole/Log Log/Pole Pole/Log/Sap Log/Pole/Sap	11 9 10 8 10 8	87 54 54 87 87 87	Beech Ironwood	Low	10 - 20 feet >20 feet	10 - 20 feet >20 feet	conifers will germinate and fill in the areas where the aspen is not fully stocked. Some pine and beech will be retained for seed and diversity.
62	Red Maple Quaking Aspen Bigtooth Aspen Balsam Fir White Pine Black Cherry	20 37 10 20 8 5	Log/Pole Pole/Log Log/Pole Pole/Log/Sap Log/Pole/Sap	11 9 10 8 10 8	87 54 54 87 87 87	Beech Ironwood	Low	10 - 20 feet >20 feet	10 - 20 feet >20 feet	conifers will germinate and fill in the areas where the aspen is not fully stocked. Some pine and beech will be retained for seed and diversity.
62	Red Maple Quaking Aspen Bigtooth Aspen Balsam Fir White Pine Black Cherry 710 - S	20 37 10 20 8 5	Log/Pole Pole/Log Log/Pole Pole/Log/Sap Log/Pole/Sap Pole/Log/Sap	11 9 10 8 10 8 No	87 54 54 87 87 87	Beech Ironwood  1.0  Sub-Canopy Species White Pine	Low Low	10 - 20 feet >20 feet No Avg. Height	10 - 20 feet >20 feet >20 feet Size 5 - 10 feet	conifers will germinate and fill in the areas where the aspen is not fully stocked. Some pine and beech will be retained for seed and diversity  Old sand borrow pit.  High quality sugar maple stand, with a dense layer of sedge. This
	Red Maple Quaking Aspen Bigtooth Aspen Balsam Fir White Pine Black Cherry 710 - S	20 37 10 20 8 5 and, Soil	Log/Pole Pole/Log Log/Pole Pole/Log/Sap Log/Pole/Sap Pole/Log/Sap	11 9 10 8 10 8 No	87 54 54 87 87 87 ne	Beech Ironwood  1.0  Sub-Canopy Species White Pine	Low Low Density Low	10 - 20 feet >20 feet No Avg. Height 5 - 10 feet	10 - 20 feet >20 feet >20 feet Size 5 - 10 feet	Conifers will germinate and fill in the areas where the aspen is not fully stocked. Some pine and beech will be retained for seed and diversity  Old sand borrow pit.  High quality sugar maple stand, with a dense layer of sedge. This stand was thinned in 2018 on contract 038-17-01. The stand was
	Red Maple Quaking Aspen Bigtooth Aspen Balsam Fir White Pine Black Cherry 710 - S	20 37 10 20 8 5 and, Soil	Log/Pole Pole/Log Log/Pole Pole/Log/Sap Log/Pole/Sap Pole/Log/Sap	11 9 10 8 10 8 No	87 54 54 87 87 87 ne	1.0 Sub-Canopy Species White Pine 56.6 100	Low Low Density Low 81-110	10 - 20 feet >20 feet No Avg. Height 5 - 10 feet	10 - 20 feet >20 feet >20 feet Size 5 - 10 feet	conifers will germinate and fill in the areas where the aspen is not fully stocked. Some pine and beech will be retained for seed and diversity  Old sand borrow pit.  High quality sugar maple stand, with a dense layer of sedge. This
	Red Maple Quaking Aspen Bigtooth Aspen Balsam Fir White Pine Black Cherry 710 - S 4110 - Sugar M Canopy Species	20 37 10 20 8 5 and, Soil	Log/Pole Pole/Log Log/Pole Pole/Log/Sap Log/Pole/Sap Pole/Log/Sap	11 9 10 8 10 8 No	87 54 54 87 87 87 ne	Beech Ironwood  1.0  Sub-Canopy Species White Pine  56.6 100  Sub-Canopy Species	Density Low 81-110 Density	No Avg. Height 5 - 10 feet  N/A Avg. Height	10 - 20 feet >20 feet   Size   5 - 10 feet   Size   Size	Conifers will germinate and fill in the areas where the aspen is not fully stocked. Some pine and beech will be retained for seed and diversity  Old sand borrow pit.  High quality sugar maple stand, with a dense layer of sedge. This stand was thinned in 2018 on contract 038-17-01. The stand was
	Red Maple Quaking Aspen Bigtooth Aspen Balsam Fir White Pine Black Cherry  710 - S  4110 - Sugar M  Canopy Species Sugar Maple	20   37   10   20   8   5	Log/Pole Pole/Log Log/Pole Pole/Log/Sap Log/Pole/Sap Pole/Log/Sap	11 9 10 8 10 8 No	87 54 87 87 87 87 ne	Beech Ironwood  1.0  Sub-Canopy Species White Pine  56.6 100  Sub-Canopy Species Ironwood	Density Low 81-110 Density Medium	No Avg. Height 5 - 10 feet  N/A  Avg. Height 5 - 10 feet	\$\frac{\sqrt{30 \text{ feet}}}{5 - 10 \text{ feet}}\$	Conifers will germinate and fill in the areas where the aspen is not fully stocked. Some pine and beech will be retained for seed and diversity  Old sand borrow pit.  High quality sugar maple stand, with a dense layer of sedge. This stand was thinned in 2018 on contract 038-17-01. The stand was
	Red Maple Quaking Aspen Bigtooth Aspen Balsam Fir White Pine Black Cherry  710 - S  4110 - Sugar M  Canopy Species Sugar Maple Red Maple	20   37   10   20   8   5	Log/Pole Pole/Log Log/Pole Pole/Log/Sap Log/Pole/Sap Pole/Log/Sap Size Class Log/Pole Log/Pole	111 9 10 8 10 8 Not be sawtimb:  DBH 14 14	87 54 87 87 87 87 ne er Well 100 100	Beech Ironwood  1.0  Sub-Canopy Species White Pine  56.6 100  Sub-Canopy Species Ironwood	Density Low 81-110 Density Medium	No Avg. Height 5 - 10 feet  N/A  Avg. Height 5 - 10 feet	\$\frac{\sqrt{30 \text{ feet}}}{5 - 10 \text{ feet}}\$	Conifers will germinate and fill in the areas where the aspen is not fully stocked. Some pine and beech will be retained for seed and diversity  Old sand borrow pit.  High quality sugar maple stand, with a dense layer of sedge. This stand was thinned in 2018 on contract 038-17-01. The stand was



Stand	d Level 4 C	Cover Type	S	Size Density			Acres Stand Age BA Range			iite	General Comments
64	4130	- Aspen	;	Sapling Well		14.3	18	Immature	N/A		Fully stocked aspen stand with some residual ash, spruce/fir, and
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Canop	y Species	Density	Avg. Height	Size	pine. This stand was clearcut in 2007 on contract 005-07-01; except some ash and spruce/fir were retained.
	White Ash	18	Pole/Log/Sap	9	78	Blackberry/F	Raspberry	Low	5 - 10 feet	5 - 10 feet	Some don and opracom wore retained.
	Quaking Aspen	70	Sapling/Pole	3	18			'		1	_
	Balsam Fir	3	Pole/Sap/Log	8	78						
	White Spruce	2	Pole/Sapling	7	78						
	White Pine	2	Log/Pole/Sap	10	78						
	Ironwood	5	Sapling	2	18						
65	4139 - Aspen,	Mixed Deci	iduous Sa	Sapling Medium		138.4	4	Immature	N/A	١	This stand is a mix of upland and lowland. The upland is on the
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canop	y Species	Density	Avg. Height	Size	perimeter of the stand and is regenerating well with aspen and balm. The center portion is lower and more slowly regenerating with ash an
	Red Maple	10	Sapling	1	4	Dogwood	(spp.)	Low	5 - 10 feet	5 - 10 feet	spruce/fir. The stand will continue to seed in with more conifers over
	Beech	2	Sapling	1	4	Blackberry/F	Raspberry	Medium	5 - 10 feet	5 - 10 feet	time. This stand was clearcut in 2021 on contract 33-038-17. The
	Quaking Aspen	50	Sapling	1	4	Tag A	lder	Medium	5 - 10 feet	5 - 10 feet	hemlock, beech, oak, and white pine were retained. There were also four retention patches retained, they were a mix of cedar, ash, and
	Balsam Poplar	15	Sapling	1	4						spruce primarily. Nearly all of the maple and ash stump sprouts have
	Balsam Fir	4	Sapling	1	4						been browsed and killed by deer.
	White Pine	2	Sapling	1	4						
	Green Ash	10	Sapling	1	4						
	Black Cherry	5	Sapling	1	4						
	Ironwood	2	Sapling	1	4						
66	4130	- Aspen	Po	Poletimber Well		25.8 37		51-80	N/A	٨	High quality fully stocked aspen stand. This stand was clearcut in
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Canop	y Species	Density	Avg. Height	Size	1988 on contract 031-86-01.
	Quaking Aspen	80	Pole/Sap/Log	8	37	Green	Ash	Low	10 - 20 feet	10 - 20 feet	
	Bigtooth Aspen	15	Pole/Sap/Log	8	37	Balsan	n Fir	Low	10 - 20 feet	10 - 20 feet	
	White Spruce	5	Pole/Sapling	5	37	Ironwo	boc	Medium	>20 feet	>20 feet	
						Witch F	lazel	Medium	5 - 10 feet	5 - 10 feet	
67	4110 - Sugar <b>i</b>	4110 - Sugar Maple Association S			er Well	6.5	98	51-80	N/A	٨	Good quality sugar maple stand with a dense layer of sedge. This
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Canop	y Species	Density	Avg. Height	Size	stand was thinned in 2018 on contract 038-17-01. This stand was previously thinned in 1987 on contract 031-86-01.
	Sugar Maple	80	Log/Pole/Sap	13	98	White S	pruce	Low	5 - 10 feet	5 - 10 feet	
	Red Maple	3	Log/Pole	13	98	Ironwo	boo	Medium	10 - 20 feet	10 - 20 feet	
	Basswood	10	Log/Pole	15	98					<u> </u>	_
	Beech	2	Log/Pole	14	98						
	Bigtooth Aspen	5	Pole/Log	9	98						

Report 7 – Stands

Compartment: 42

Year of Entry: 2027

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Stan	d Level 4 Co	over Type	ver Type		ensity	Acres	Stand Age E	BA Range	Managed S	ite	General Comments
68	4134 - Aspe	en, Spruce/Fir		Sapling Well		25.6 17		Immature	N/A		Fully stocked aspen stand with some residual spruce/fir and
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	hardwoods. This stand was clearcut in 2008 on contract 005-07-01; except the black cherry and ash were retained.
	Quaking Aspen	65	Sapling	4	17	Blackbe	rry/Raspberry	Low	5 - 10 feet	5 - 10 feet	Shoopt the black charry and ach were retained.
	Balsam Fir	10	Pole/Sapling	6	70						_
	White Spruce	15	Pole/Sap/Log	6	70						
	Green Ash	5	Sapling	2	17						
	Black Cherry	5	Sapling/Pole	3	17						
69	4130	- Aspen	P	oletimb	er Well	39.3	27	51-80	N/A	1	Dense good quality aspen stand with some residual black cherry and
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	spruce/fir. This stand was clearcut in 1998 on contract 031-97-01; except the cherry and some spruce were retained. The northern third
	Quaking Aspen	80	Pole/Sapling	7	27	Blackbe	rry/Raspberry	Low	5 - 10 feet	5 - 10 feet	of the stand was burned on FTP 33-464 in 2000 to promote cherry
	Balsam Fir	5	Pole/Sapling	6	70						regeneration for black bears.
	White Spruce	5	Pole/Sap/Log	6	70						
	Black Cherry	10	Pole/Sapling	6	70						
70	4130	- Aspen		Sapling Well		12.6	5	Immature	N/A	1	Good quality aspen regeneration with some residual red maple
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	saplings/poles. This stand was clearcut in 2020 on contract 038-17-01. The hemlock, beech, oak, and white pine were retained.
	Red Maple	5	Sapling	1	5	Blackbe	rry/Raspberry	Medium	5 - 10 feet	5 - 10 feet	
	Quaking Aspen	45	Sapling	1	5						
	Bigtooth Aspen	30	Sapling	1	5						
	Balsam Poplar	5	Sapling	1	5						
	Balsam Fir	3	Sapling	1	5						
	White Spruce	2	Sapling	1	5						
	Black Cherry	10	Sapling	1	5						
71	6117 - Lowland l Coni	Deciduous ferous	, Mixed P	oletimb	er Well	8.3	32	51-80	N/A	1	Two aged stand of older ash, maple, and spruce/fir with younger aspen and balm. The ash and spruce/fir are dying out due to forest
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	health issues. The stand is about 60% lowland. This stand needs to be harvested to salvage as much of the timber as possible, before the
	Red Maple	15	Pole/Log/Sap	9	82	Та	ıg Alder	Medium	5 - 10 feet	5 - 10 feet	emerald ash borer and the spruce budworm kill a high percentage of
	Paper Birch	2	Pole	8	82						the trees. This stand will regenerate with aspen, balm, and spruce/fir
	Quaking Aspen	30	Pole/Sapling	7	32						primarily. About 30 cords of cedar would be harvested. This stand was cut in 1994 on contract 010-92-01, a mix of species were
	Balsam Poplar	5	Pole	7	32						retained.
	Balsam Fir	23	Pole/Sapling	7	82						
	White Spruce	2	Pole/Sap/Log	8	82						
No	orthern White Cedar	3	Pole/Log	9	82						
	Black Ash	10	Pole/Sapling	7	82						



Stan	Level 4 Cover Type Size Density		Acres	Stand Age B	A Range	Managed S	ite	General Comments			
72	4130	- Aspen	Po	oletimb	er Well	23.0	37	81-110	N/A	<b>\</b>	High quality aspen stand. A portion of the Forest Island ORV Trail
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Can	opy Species	Density	Avg. Height	Size	runs through this stand. A small creek flows through this stand and out into the Big Cedar River. This stand was clearcut in 1988 on
	Red Maple	3	Pole/Sapling	6	37	Iro	nwood	Low	10 - 20 feet	10 - 20 feet	contract 031-86-01.
	Quaking Aspen	80	Pole/Log	9	37						
	Balsam Fir	12	Pole/Sapling	7	37						
	White Pine	2	Log/Pole/Sap	12	70						
	Black Cherry	3	Pole/Sapling	7	37						
73	4130	- Aspen	Po	Poletimber Well		15.0	23	1-50	N/A	1	Good quality aspen stand, with some residual maple, balsam fir, and
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Can	opy Species	Density	Avg. Height	Size	hemlock. A portion of the Forest Island ORV Trail runs through this stand. This stand was clearcut in 2002 on contract 036-02-01.
	Red Maple	15	Pole/Log/Sap	8	70	Blackber	ry/Raspberry	Low	< 5 feet	< 5 feet	
	Quaking Aspen	65	Pole/Sapling	5	23						
	Balsam Fir	10	Pole/Sapling	6	70						
	Hemlock	5	Log/Pole	14	120						
	Black Cherry	5	Sapling/Pole	4	23						
74	4130	- Aspen	Po	oletimb	er Well	12.5	37	51-80	N/A	\	Good quality aspen stand. The Forest Island ORV Trail runs along
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Can	opy Species	Density	Avg. Height	Size	the west edge of the stand. This stand was clearcut in 1988 on contract 031-86-01.
	Sugar Maple	2	Log/Pole	14	98	В	eech	Low	5 - 10 feet	5 - 10 feet	oominger oo 1 oo 01.
	Quaking Aspen	73	Pole/Sapling	7	37						-
	Balsam Fir	15	Pole/Sapling	6	37						
	Black Cherry	10	Pole/Sapling	5	37						
76	42110 - Pla	nted Red P	ine Sa	awtimb	er Well	7.0	61	111-140	N/A	1	Good quality planted red pine stand, with a dense understory of
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Can	opy Species	Density	Avg. Height	Size	spruce/fir and black cherry. This stand was thinned in 2018 on contract 038-17-01. The north end of the stand was planted with
	Red Pine	100 Log/Pole				Iro	nwood	Low	>20 feet	>20 feet	white spruce, but the spruce budworm was causing mortality so all of
				'		Blac	k Cherry	High	10 - 20 feet	10 - 20 feet	the spruce was harvested along with all other merchantable species;
						В	eech	Medium	10 - 20 feet	10 - 20 feet	except the pine.
						White	e Spruce	Medium	10 - 20 feet	10 - 20 feet	
						Bals	sam Fir	Medium	10 - 20 feet	10 - 20 feet	
						Blackber	ry/Raspberry	High	5 - 10 feet	5 - 10 feet	
						Red	d Maple	Low	>20 feet	>20 feet	
						Bigtoo	oth Aspen	Low	10 - 20 feet	10 - 20 feet	
77	4130	- Aspen	(	Sapling Well		11.8	17 I	mmature	N/A	١	Dense good quality aspen stand with some residual black cherry and
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Can	opy Species	Density	Avg. Height	Size	spruce/fir. This stand was clearcut in 2008 on contract 005-07-01; except the black cherry and balsam fir and spruce with more than two
	D 114 1	3	Sapling	3	17	В	eech	Low	5 - 10 feet	5 - 10 feet	sticks were retained.
	Red Maple									- 105 1	1
	Quaking Aspen	80	Sapling/Pole	3	17	Whi	ite Pine	Low	5 - 10 feet	5 - 10 feet	
	·		Sapling/Pole Pole/Sapling		17 70		ite Pine ry/Raspberry	Low	5 - 10 feet 5 - 10 feet	5 - 10 feet 5 - 10 feet	
	Quaking Aspen	80		3							

Stand	Level 4 Co	over Type	;	Size De	nsity	Acres	Stand Age B	A Range	Managed S	Site	General Comments	
78	4130	- Aspen		Sapling Well		61.2	8 I	mmature	N/A	A	Fully stocked aspen stand. The deer have browsed and killed nearly	
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	all of the maple and ash stump sprouts. This stand was clearcut in 2019 on contract 043-17-01. The hemlock was retained along with	
	Quaking Aspen	75	Sapling	1	8	Blackbe	rry/Raspberry	Low	10 - 20 feet	10 - 20 feet	seed trees that were marked to retain. Stand 85 was part of this	
	Balsam Poplar	10	Sapling	1	8	Autu	umn Olive	Low	5 - 10 feet	5 - 10 feet	stand, but it was retained to provide a buffer along the Big Cedar River	
	Balsam Fir	5	Sapling	3	25						and the Cedar River Pathway, which runs along the west edge of the stand and cuts through the north and south ends of it as well.	
	Black Cherry	10	Sapling	1	8						otalia ana odio anough ale north and ocum ondo of it do won.	
79	79 429 - Mixed Upland Conife		ifers	Sapling	y Well	74.6	20	1-50	N/A	4	Fully stocked uneven aged stand, with Mature hemlock white pine,	
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	and cedar, and 20 year old conifer regeneration, and 6 year old aspen and red maple regeneration. This stand was cut in 2018-19 on	
	Red Maple	20	Sapling	1	6	Blac	ck Cherry	Low	< 5 feet	< 5 feet	contract 33-043-17. The cedar and hemlock were retained, along with	
	Quaking Aspen	15	Sapling	1	6	Та	ig Alder	Low	5 - 10 feet	5 - 10 feet	some pine, yellow birch, and maple that were marked to retain. There	
	Balsam Fir	10	Sapling/Pole	3	20	E	Beech	Low	10 - 20 feet	10 - 20 feet	were also five retention patches retained. The stand was previously cut in 2005 on contract 037-02-01. All hardwood species over 10"	
	White Spruce	5	Sapling/Pole	3	20			'	1		were cut, along with all aspen, birch, balsam fir, and spruce. Some of	
No	rthern White Cedar	5	Log/Pole	10	98						the pine was marked to cut. The Forest Island Pathway runs through	
	White Pine	25	Sapling	4	20						the center of this stand.	
	White Pine	10	Log/XLog	16	98							
	Hemlock	10	Log/Pole	10	98							
80	4136 - Aspen	ı, Mixed Conifer		er Sapling Well		5.7	17	1-50	N/A	Ą	Good quality aspen stand with some residual white pine and balsam	
	Canopy Species	% Cover Size Class		DBH Age		Sub-Canopy Specie		Density	Avg. Height	Size	fir. This stand was cut in 2008 on contract 006-07-01. All aspen and hardwood (not including ash) were cut, along with balsam fir and	
	Quaking Aspen	40	Sapling	3	17	Autu	ımn Olive	Medium	5 - 10 feet	5 - 10 feet	spruce with more than two sticks. There is quite a bit of autumn olive	
	Bigtooth Aspen	35	Sapling	3	17						throughout the stand, that needs to be treated.	
	Balsam Fir	7	Pole/Sapling	6	60							
	White Pine	15	Pole/Log/Sap	7	60							
	Black Cherry	3	Sapling	2	17							
81	4130	- Aspen	F	oletimb	er Well	20.1	37	51-80	N/A	Ą	Good quality aspen stand with some residual white pine. This stand	
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	was clearcut in 1988 on contract 014-87-01.	
	Red Maple	5	Pole/Sapling	5	37	Blad	ck Cherry	Low	10 - 20 feet	10 - 20 feet		
	Quaking Aspen	25	Pole/Sapling	7	37						-	
	Bigtooth Aspen	50	Pole/Sap/Log	8	37							
	Balsam Fir	5	Pole/Sapling	6	37							
	White Pine	10	Log/Pole/Sap	14	93							
	Red Pine	2	Pole	6	37							
	Green Ash	3	Sapling/Pole	3	37							



Stand	Level 4 C	over Type	;	Size Density		Acres :	Stand Age BA Range		Managed S	iite	General Comments
82	6131 - Hemlock, White Pine, Maple, Sa Birch				Medium	4.7 7		mmature	N/A	1	This stand is regenerating well with a mix of species. The stand will continue to fill in and should be fully stocked by the next entry. This
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Can	opy Species	Density	Avg. Height	Size	stand was clearcut in 2018 on contract 043-17-01.
	Red Maple	35	Sapling	1	7	Tag	Alder	Low	5 - 10 feet	5 - 10 feet	
	Bigtooth Aspen	5	Sapling	1	7						-
	Balsam Fir	10	Sapling	1	7						
	White Spruce	10	Sapling	1	7						
	White Pine	25	Sapling	1	12						
	Green Ash	15	Sapling	1	7						
83	429 - Mixed l	Jpland Cor	ifers F	oletimb	er Well	4.5	55	1-50	N/A	١	Two aged stand with older white pine and spruce/fir and younger
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Can	opy Species	Density	Avg. Height	Size	aspen, red maple, spruce/fir, and white pine. This stand was cut in 2008 on contract 006-07-01. All aspen and hardwood (excluding ash
	Red Maple	15	Sapling	3	17	Black	Cherry	Low	5 - 10 feet	5 - 10 feet	were cut, along with all balsam fir and spruce with more than 2 sticks
	Quaking Aspen	20	Sapling	3	17	Michig	gan Holly	Low	5 - 10 feet	5 - 10 feet	
	Balsam Fir	15	Sapling	2	17			'			
	Black Spruce	5	Sapling	2	17						
	White Pine	45	Pole/Log/Sap	7	55						
84	6120 - Lo	wland Ceda	Sawtimber Well			112	141-170	N/A	1	Good to moderate quality cedar stand. The north end has higher quality cedar, but there are pockets of blow down. This stand was	
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Can	opy Species	Density	Avg. Height	Size	part of the stand retention of stand 11 when it was harvested.
	Black Spruce	10	Pole/Log/Sap	9	112	Bals	am Fir	Low	10 - 20 feet	10 - 20 feet	·
No	rthern White Cedar	75	Log/Pole	11	112	Tag	Alder	Low	5 - 10 feet	5 - 10 feet	
	Tamarack	15	Pole/Log/Sap	9	112						
85	4190 - Mixed Upla Co	and Decidu edar	ous with S	Sawtimb	er Well	35.4	112	81-110	N/A	٨	Mixed stand of hardwood, cedar and conifer. This stand had a significant amount of ash, but the emerald ash borer has killed most
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Can	opy Species	Density	Avg. Height	Size	of it. This stand was the retention for stand 78. This area was retained to provide a buffer along the Big Cedar River and along the
	Sugar Maple	20	Log/Pole	10	112	Tag	Alder	Low	5 - 10 feet	5 - 10 feet	edge of Cedar River Pathway. The Cedar River Pathway runs north
	Red Maple	20	Log/Pole	10	112						to south through this stand.
	Quaking Aspen	20	Log/Pole	10	78						
	Balsam Fir	10	Pole/Log/Sap	8	78						
No	rthern White Cedar	20	Log/Pole	11	112						
86	122 - Road	d/Parking L	ot	No	ne	7.7			No	ı	County Road 366 and its ROW.



Stand	Level 4 C		Size Density		Acres	Stand Age BA Range		Managed S	Site	General Comments	
87	4199 - Other Mixe	d Upland D	Deciduous S	Sawtimb	er Well	63.6	98	81-110	N/A	A	Mature hardwood stand with Devils Creek flowing through it. This stand was part of the retention for stands 59, 88, and 89. It is also
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	part of the retention for stands 59, 88, and 89. It is also part of the retention for stand 91. This stand also provides a riparian
	Red Maple	25	Log/Pole	13	98	Iro	onwood	Low	>20 feet	>20 feet	buffer along Devils Creek.
	White Ash	5	Pole/Log	9	98	Ta	ag Alder	Medium	5 - 10 feet	5 - 10 feet	
	Paper Birch	10	Log/Pole	10	98						
	Quaking Aspen	15	Log/Pole	11	98						
	Balsam Fir	5	Pole/Log/Sap	9	98						
No	rthern White Cedar	5	Log/Pole	12	98						
	Black Ash	15	Pole/Log/Sap	9	98						
	Green Ash	15	Log/Pole	13	98						
	Black Cherry	5	Pole/Log/Sap	8	98						
88	4136 - Asper	n, Mixed Co	onifer	Sapling	Well	29.3	7 1	mmature	N/A	Ą	Fully stocked aspen stand, with two small drains running east to west that were buffered. Stand was clearcut in 2018 on contract 032-17-
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	01. Part of stand 87 provided part of the retention for this stand.
	Quaking Aspen	40	Sapling	1	7	Blackbe	rry/Raspberry	Medium	< 5 feet	< 5 feet	' '
	Bigtooth Aspen	35	Sapling	1	7	Wil	llow spp.	Low	< 5 feet	< 5 feet	
	Balsam Fir	10	Sapling	1	7	Iro	onwood	Low	< 5 feet	< 5 feet	
	White Spruce	5	Sapling	1	7						
	White Pine	5	Sapling	1	7						
	Black Cherry	5	Sapling	1	7						
89	4311 - Pin	e, Aspen M	1ix	Sapling	Well	45.7 5		mmature	N/A		This stand was planted with red pine seedlings in May of 2022. The
	Canopy Species	% Cover Size Class		DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	stand was trenched in summer of 2020. The stand had herbicide sprayed in July of 2021, only about 50% of the saplings/brush/sedge
	Quaking Aspen	35	Sapling	1	7	Blackbe	rry/Raspberry	Medium	< 5 feet	< 5 feet	was killed. With the poor application of herbicide, the red pine
	Balsam Fir	5	Sapling	1	7	S	Sedges	Full	Not Applicable	Not Applicable	seedlings are being chocked out with competition. The planting
	Red Pine	45	Sapling	1	5						process needs to be restarted.This stand was clearcut in 2018 on contract 032-17-01. A 100' buffer along Devil's Creek was retained.
	Black Cherry	15	Sapling	1	7						contract 002-17-01. A 100 build along bevils ofeck was retained.
90	6120 - Lo	wland Ceda	ar F	oletimb	er Well	61.3	121	111-140	N/A	Ą	Moderate quality cedar stand, with most other species having died out
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	due to age and forest health issues.
	Paper Birch	2	Pole/Log	8	121	Ta	ag Alder	Medium	5 - 10 feet	5 - 10 feet	
	Balsam Fir	2	Pole/Sapling	7				'			•
	Black Spruce	3	Pole/Log/Sap	8	121						
No	rthern White Cedar	70	Pole/Log	9	121						
	Tamarack	10	Pole/Log/Sap	9	121						
	Black Ash	13	Pole/Sap/Log	8	121						



Stan	Level 4 Cover Type Siz				nsity	Acres	Stand Age B	A Range	Managed S	Site	General Comments			
91	4139 - Aspen,	Mixed Dec	iduous Sa	awtimb	er Well	49.2	63	81-110	N//	A	Mature high quality aspen and red maple stand, that is ready to be			
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	harvested. The aspen is starting to die out due to its age. By clearcutting the stand the aspen, maple, and cherry will sprout			
	Sugar Maple	3	Log/Pole	13	97	Iro	onwood	Low	>20 feet	>20 feet	following the harvest and the open areas will seed in with conifers.			
	Red Maple	30	Log/Pole	13	97	Blad	ck Cherry	Low	>20 feet	>20 feet	Some pockets of denser hardwood will be retained for long term			
	Quaking Aspen	40	Log/Pole	12	63		Beech	Low	>20 feet	>20 feet	retention and diversity.			
	Bigtooth Aspen	18	Log/Pole	14	63	Mich	nigan Holly	Low	5 - 10 feet	5 - 10 feet				
	Balsam Fir	5	Pole/Log/Sap	8	63						-			
	White Spruce	2	Log/Pole/Sap	10	97									
	White Pine	2	Log/Pole/Sap	13	97									
92	4191 - Mixed Upla Co	and Decidu onifer	uous with	Saplino	g Well	13.5	7 lı	mmature	N/A	A	The northern half of this stand was planted with red pine seedlings in May of 2022. The stand was trenched in summer of 2020. The stand			
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	had herbicide sprayed in July of 2021, only about 50% of the saplings/brush/sedge was killed. With the poor application of			
	Quaking Aspen	25	Sapling	1	7	S	Sedges	High	Not Applicable	Not Applicable	herbicide, the red pine seedlings are being chocked out with			
	White Spruce	10	Sapling	1	7						competition. The planting process needs to be restarted. This			
	Red Pine	15	Sapling	1	5						stand was clearcut in 2018 on contract 032-17-01. A buffer along the Big Cedar River was retained.			
93		6113 - Lowland Maple			er Poor	13.6 107		1-50	N/A	A	This was a low quality black ash stand and was on contract 33-045- 17. But it was turned back uncompleted and the majority of the ash			
	Canopy Species		Size Class		l Age		nopy Species	Density	Avg. Height	Size	has died out due to the emerald ash borer. So, there isn't enough			
	Red Maple	90	Log/Pole	13	107	Ta	ag Alder	Medium	5 - 10 feet	5 - 10 feet	volume to harvest it anymore. Conifers will start to seed in with most			
	Yellow Birch	2	Log/Pole	12	107						of the overstory dead now.			
	Balsam Fir	3	Pole/Log/Sap	9	107									
No	orthern White Cedar	3	Pole/Log	9	107									
	Black Cherry	2	Pole/Log	8	107									
94	4191 - Mixed Upla Co	and Decidu onifer	uous with Sa	awtimb	er Well	20.7	97	81-110	N/A	A	Mature hardwood stand with clumps of cedar. This stand is being retained as part of the Long Term retention of stand 45 and it also			
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	provides a buffer along the Big Cedar River.			
	Sugar Maple	5	Log/Pole	10	97	Ва	ılsam Fir	Medium	10 - 20 feet	10 - 20 feet				
	Red Maple	35	Log/Pole	12	97						-			
	Paper Birch	10	Log/Pole	10	97									
	Quaking Aspen	15	Log/Pole	14	97									
	White Spruce	10	Log/Pole/Sap	12	97									
No	orthern White Cedar	15	Log/Pole	12	97									
	Green Ash	8	Pole/Log	9	97									
	Black Cherry	2	Pole/Sap/Log	8	97									

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Stand	Stand Level 4 Co		S	Size Density			Stand Age	BA Range	Managed S	Site	General Comments		
96	6120 - Lov	wland Ceda	ır Sa	wtimb	er Wel	l 6.4	113	171-200	N/A	Ą	Moderate to high quality cedar stand with upland pockets of hemlock		
Ca	anopy Species	% Cover	Size Class	s DBH		Sub-Ca	anopy Specie	s Density	ensity Avg. Height	Size	and red maple. This stand was a part of the Long Term Retention of stand 18.		
F	Red Maple	13	Log/Pole	10	113	Ва	alsam Fir	Low	< 5 feet	< 5 feet	Starta To.		
В	Black Spruce	2	Log/Pole/Sap	10	113	Mich	nigan Holly	Low	5 - 10 feet	5 - 10 feet			
Northe	ern White Cedar	65	Log/Pole	10	113				1	,			
	Hemlock	10	Log/Pole	10	113								
	Black Ash	10	Pole/Sap/Log	8	113								
97	4130	- Aspen		Sapling Well		5.5 17 I		Immature	N/A	A	Fully stocked good quality aspen stand. This stand was clearcut in		
Ca	anopy Species	% Cover	Size Class	DBH Age		Sub-Ca	nopy Species	s Density	Avg. Height	Size	2008 on contract 05-07-01. The pine was retained.		
Qu	uaking Aspen	40	Sapling	3	17	Blackbe	erry/Raspberry	Low	< 5 feet	< 5 feet			
Big	gtooth Aspen	45	Sapling	3	17					,			
E	Balsam Fir	10	Pole/Log/Sap	7	60								
\	White Pine	2	Log/Pole/Sap	10	60								
	Ironwood	3	Sapling/Pole	3	17								

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