

# **Compartment Review Presentation**

**Gaylord Forest Management Unit** 

Compartment 52179 Entry Year 2021 Acreage: 1,319

County Cheboygan

Management Area: Cheboygan Lake Plain

**Revision Date: 2019-07-24** 

Stand Examiner: John Scheele

**Legal Description:** 

T36 - R1W Sections 20, 28, 30, 31, and 33

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

To provide for the protection, integrated management and responsible use of a healthy, productive and undiminished forest resource base for the social, recreational, environmental and economic benefit of the State of Michigan.

#### Soil and topography:

Dominant soil type is Rubicon-East Lake Association. The compartment consist of level to rolling terrain.

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

State ownership is relative fragmented with moderately developed surrounding private ownership.

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

None.

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

No known occurrences at this time.

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

Red Shouldered Hawk has been documented in the compartment.

#### Watershed and Fisheries Considerations:

None at this time.

#### Wildlife Habitat Considerations:

Treatments in this compartment will maintain age class diversity in aspen while creating early successional habitat benefiting white-tailed deer, Ruffed grouse, and American Woodcock. Some oak clumps and/or large crowned oak will be left where appropriate for hard mast. Openings are prescribed to be maintained and supplemented with hard and soft mast plantings benefiting white-tailed deer, grouse, wild turkey, and woodcock.

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

Active sand/gravel pits are located approximately three miles to the northeast. There appears to be some sand & gravel potential within the compartment but there is also abundant clay in this area. There does not appear to be any potential for limestone development in this area. The compartment is several miles from the nearest current or past oil and gas production, and there is no known oil and gas potential. There is no known metallic mineral potential in this part of the state.

#### Vehicle Access:

Access is good throughout the compartment.

#### **Survey Needs:**

None at this time.

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

The north spur of the Shore to Shore Horse Trial and the Midland to Mackinaw Hiking Trail are within the compartment. Hunting and mushroom picking are additionally known opportunities within this compartment.

#### **Fire Protection:**

No major concerns due to the soil types and current cover type.

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

The following reports from the Inventory are attached:

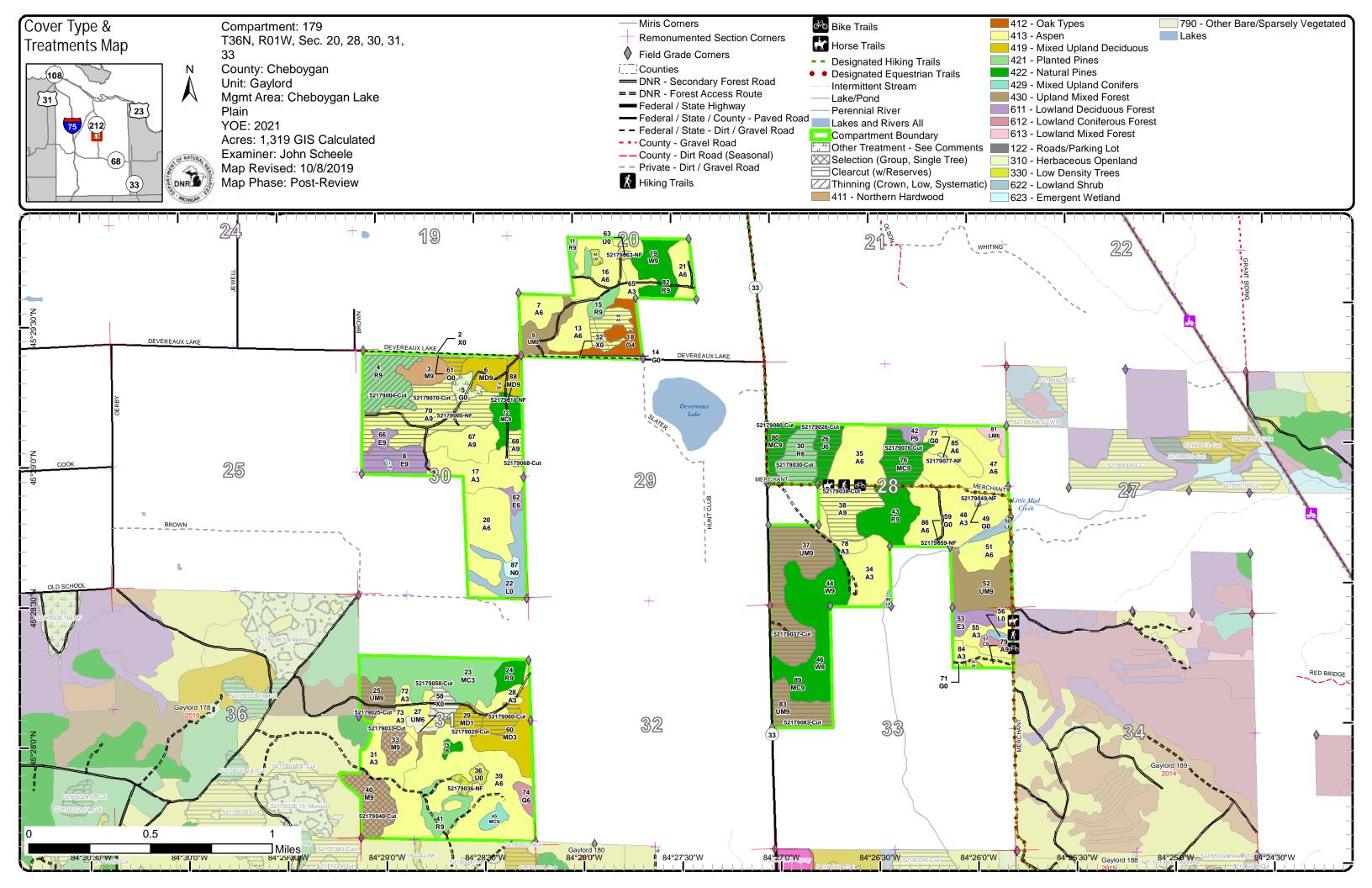
Total Acres by Cover Type and Age Class
Cover Type by Harvest Method
Proposed Treatments – No Limiting Factors
Proposed Treatments – With Limiting Factors
Stand Details (Forested and Nonforested)
Dedicated and Proposed Special Conservation Areas
Site Condition Details

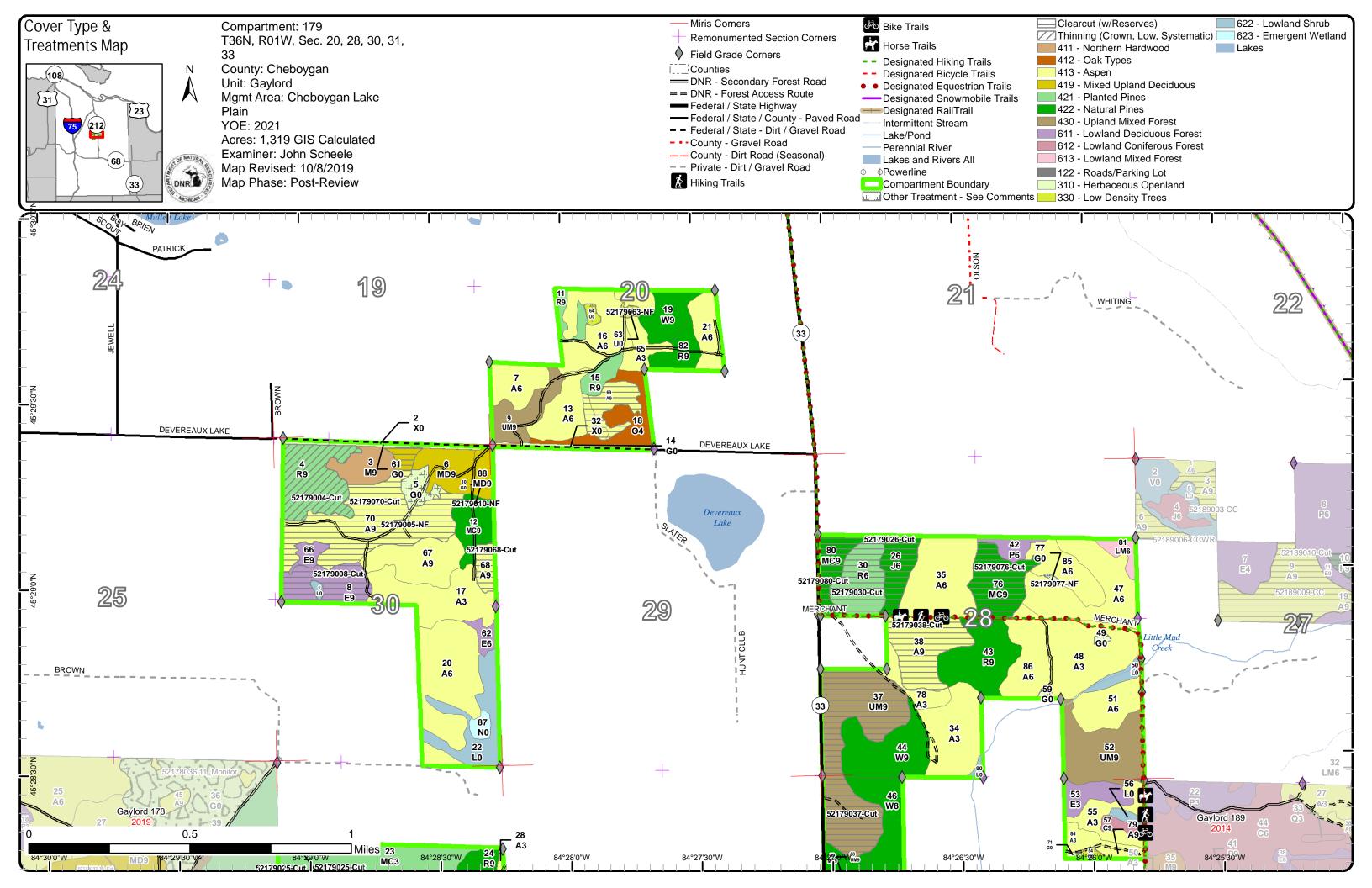
The following information is displayed, where pertinent, on the attached compartment maps:

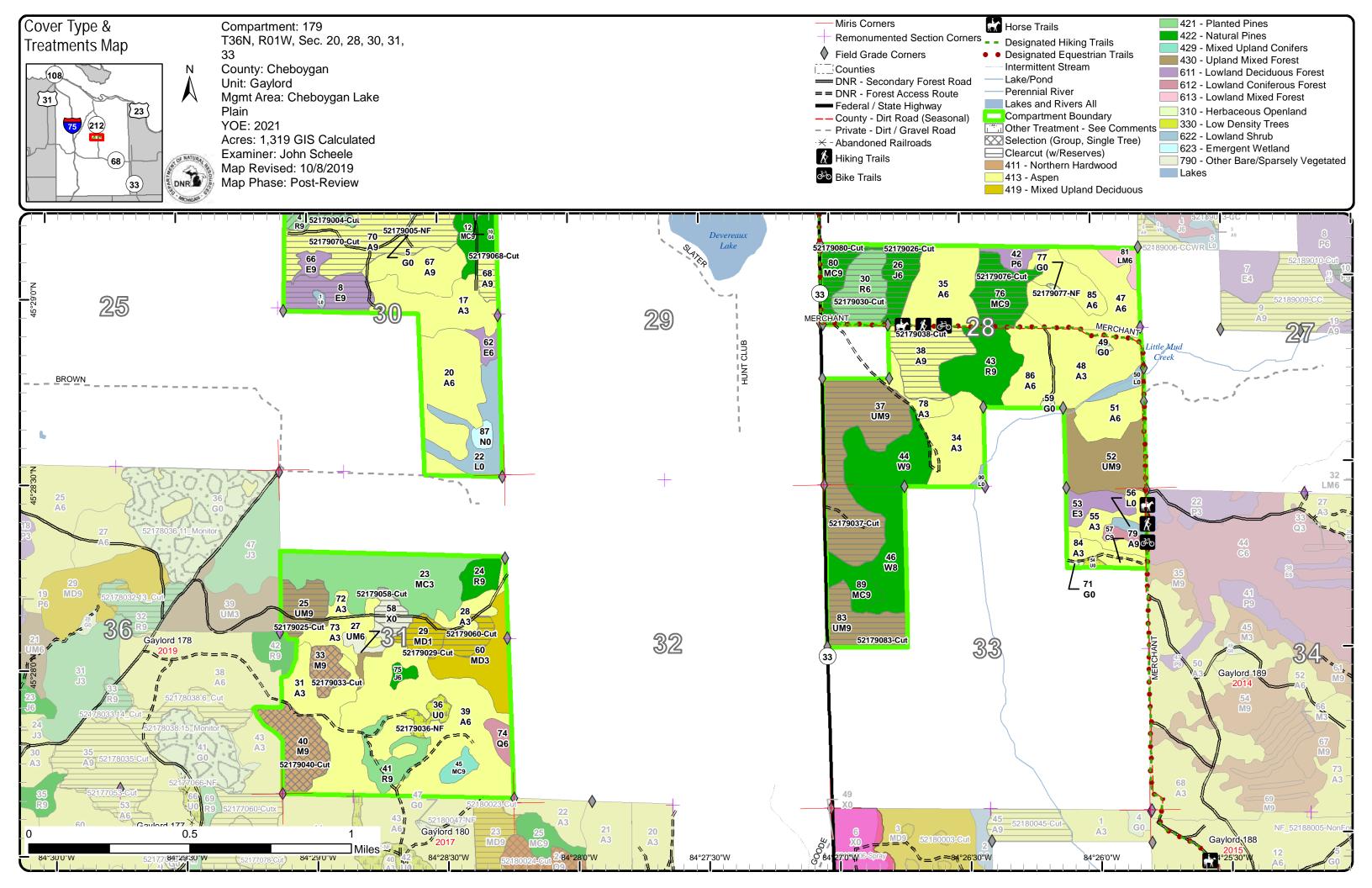
Base feature information, stand boundaries, cover types, and numbers Proposed treatments

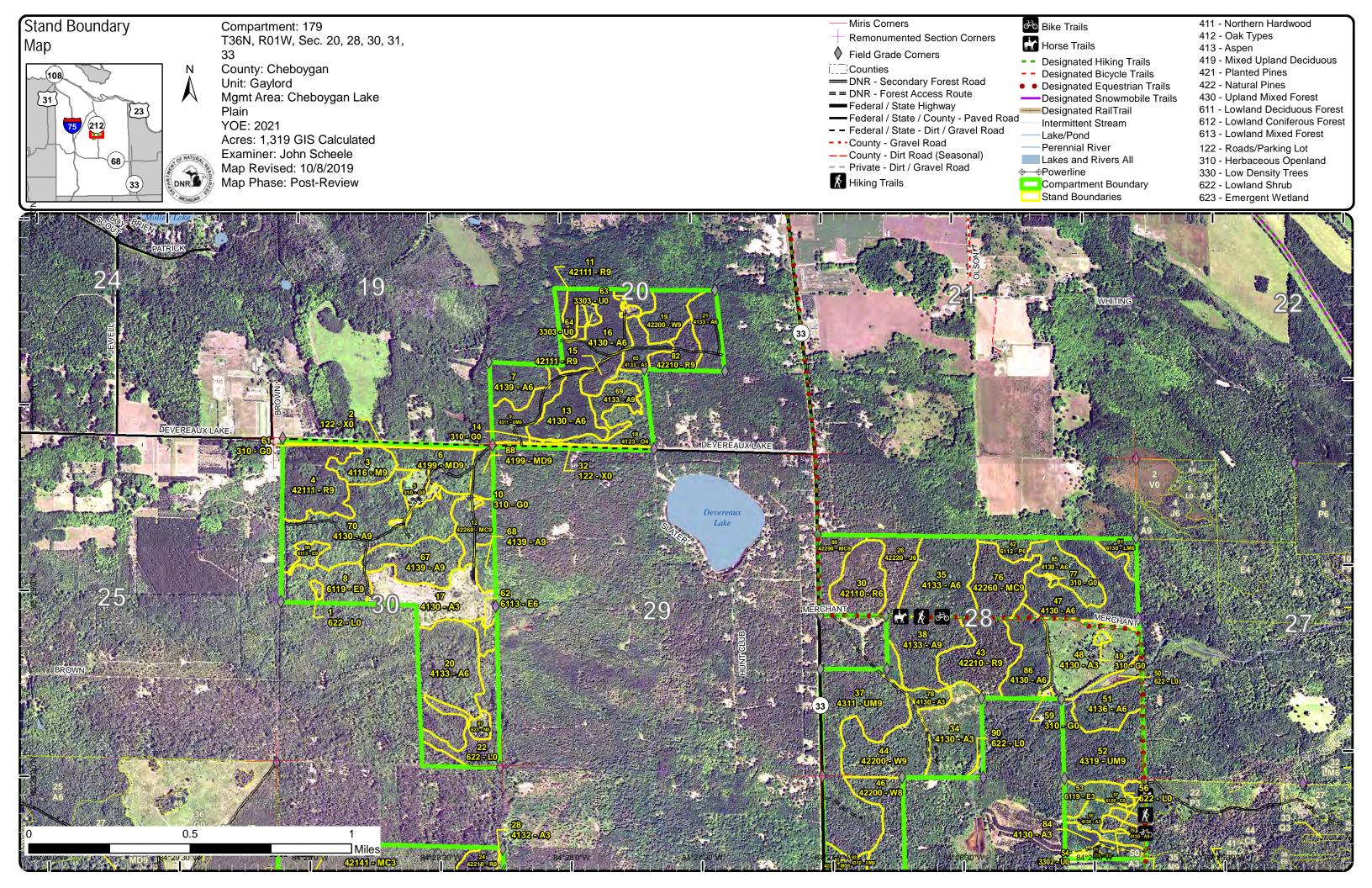
Site condition boundaries

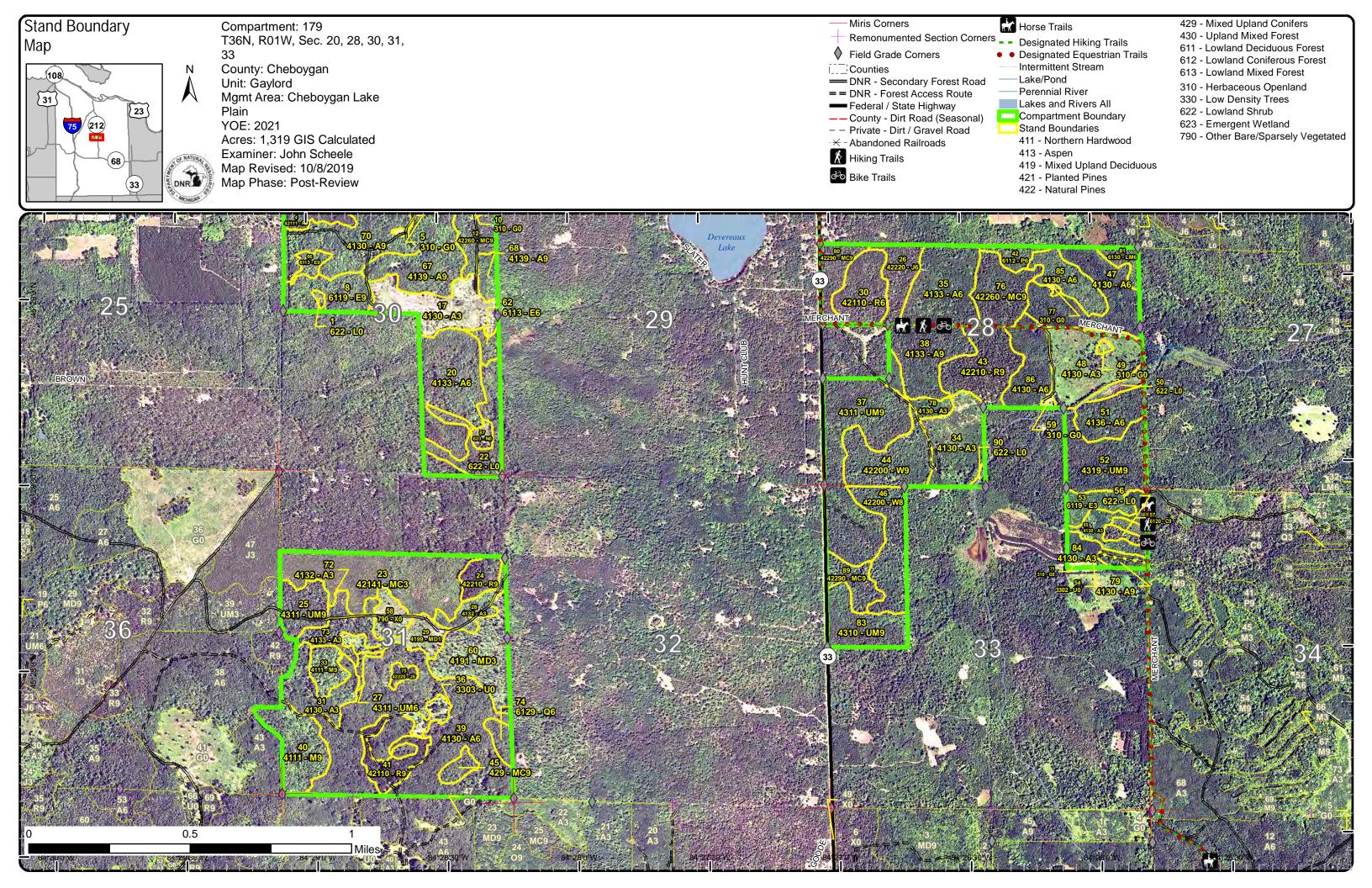
Details on the road access system

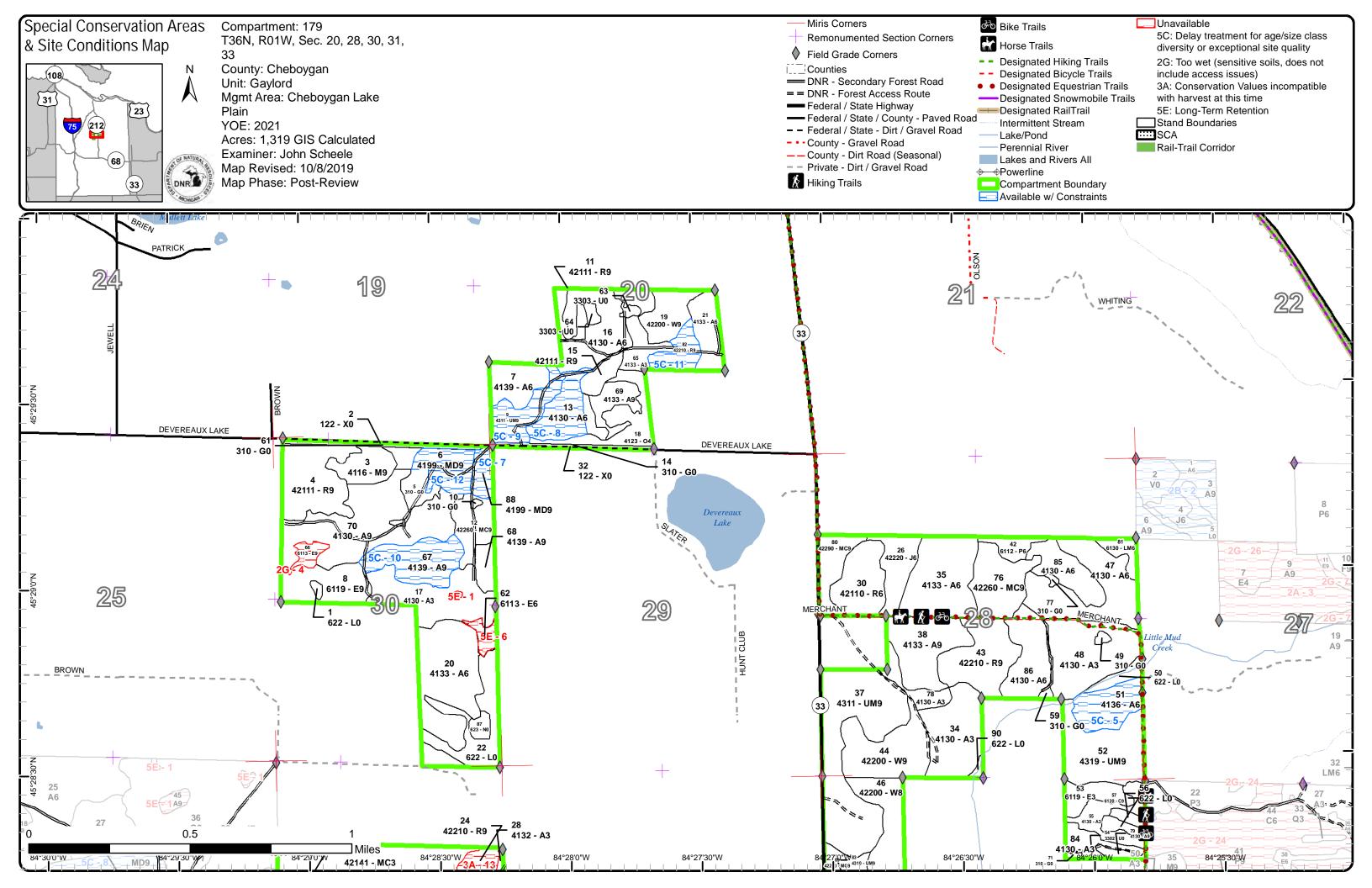


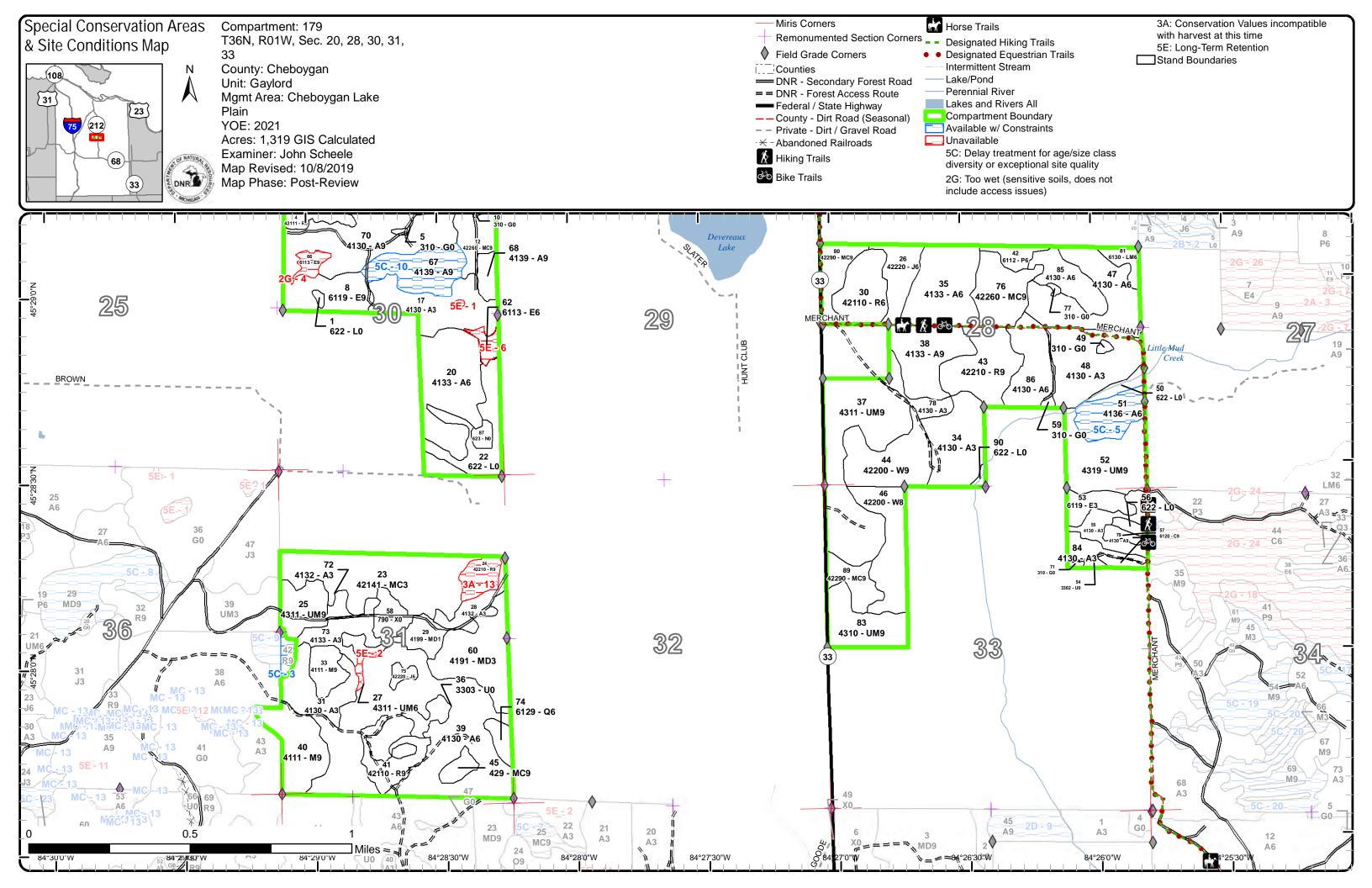












John Scheele : Examiner

Gaylord Mgt. Unit



#### Age Class

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	Aor Aor	L'AST C				8 /4	P. 100	, % %					0,00	,		\$ B		\$   Jue	Se Los
Aspen	0	63	97	32	281	18	37	94	3	0	0	0	0	0	0	0	0	0	625
Bare/Sparsely Vegetated	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
Cedar	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	3
Herbaceous Openland	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15
Jack Pine	0	0	0	0	3	0	14	0	0	0	0	0	0	0	0	0	0	0	16
Low-Density Trees	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Lowland Aspen/Balsam Poplar	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Lowland Conifers	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Lowland Deciduous	0	0	9	0	0	0	0	0	4	22	0	0	0	0	0	0	0	0	35
Lowland Mixed Forest	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Lowland Shrub	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29
Marsh	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Mixed Upland Deciduous	0	38	0	0	0	0	0	0	0	0	23	0	0	0	0	0	0	0	61
Natural Mixed Pines	0	0	0	0	0	0	12	0	24	21	0	0	0	0	0	0	0	0	57
Northern Hardwood	0	0	0	0	0	0	0	0	0	0	43	0	0	0	0	0	0	0	43
Oak	0	0	0	0	0	16	0	0	0	0	0	0	0	0	0	0	0	0	16
Planted Mixed Pines	0	0	53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	53
Red Pine	0	0	0	0	0	0	79	0	26	0	8	0	0	0	0	0	0	0	113
Upland Conifers	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	5
Upland Mixed Forest	0	0	0	0	0	0	2	31	93	0	14	0	0	0	0	0	0	0	140
Urban	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
White Pine	0	0	0	0	0	0	0	65	0	0	0	0	0	0	0	0	0	0	65
Total	73	101	159	32	300	34	144	190	150	48	91	0	0	0	0	0	0	0	1321



## **Report 2 – Treatment Summary**

# Gaylord Mgt. Unit Year of Entry: 2021

Acres of Harvest

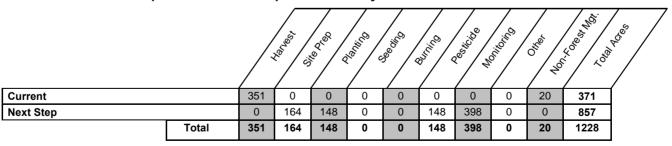
Compartment 179
Total Compartment Acres: 1,319

Commercial Harvest - 351 Harvests with Site Condition - 0 Next Step Harvest - 0 Habitat Cut - 0

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

		/	# 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	TO TO THE POST OF			OON OON A	Sinding Season	Key Cor	80,100		
Aspen		100	0	0	0	0	0	0	0	0	100	
Bare/Sparsely Vegetated		7	0	0	0	0	0	0	0	0	7	
Jack Pine		14	0	0	0	0	0	0	0	0	14	
Lowland Deciduous		18	0	0	0	0	0	0	0	0	18	
Mixed Upland Deciduous		8	0	0	0	0	0	0	0	0	8	
Natural Mixed Pines		33	0	0	0	0	0	0	0	0	33	
Northern Hardwood		0	32	0	0	0	0	0	0	0	32	
Red Pine		19	0	0	0	0	28	0	0	0	47	
Upland Mixed Forest		93	0	0	0	0	0	0	0	0	93	
	Total	292	32	0	0	0	28	0	0	0	351	

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



<u>Prescription</u> Brush, mow, plant, burn and/or herbicide to maintain opening. Planting of hard and soft mast.

Specs:

Next Step Treatments:

<u>Acceptable</u>

Regen:

<u>Other</u>

Comment:

Proposed Start Date: 10/1 /2020

Proposal

Compartment: 179

Year of Entry: 2021

Red Pine

S t a

a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
25	52179025-Cut	13.8	4311 - Pine, Aspen	Sawtimber	90	81-110	Harvest	Clearcut with	42110 - Planted	Even-Aged	Approved

Retention

Habitat Cut: No Site Condition:

Prescription Harvest stand and replant to Red Pine. Leave south part of stand as retention which is already identified and which may exceed the 10% limit.

Specs: Be sure to protect the survey corner along the west boundary line.

Mix

Next Step SitePrep, Roller Chopping; SitePrep, Trenching; Planting, Initial Plant; Planting, Replant; Pesticide, Skidder - Site Prep; Pesticide,

Treatments: Skidder - Release; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr)

Well

Acceptable Acceptable regeneration includes a well stocked stand of planted Red Pine.

Regen:

Other Comment:

Proposed Start Date: 10/1 /2020

26 52179026-Cut 13.6 42220 - Natural Poletimber 58 Unspec Harvest Clearcut 42110 - Planted Even-Aged Approved Jack Pine Well ified Red Pine Proposal

Habitat Cut: No Site Condition:

Prescription Harvest stand and replant to Red Pine. No within-stand retention.

Specs:

Next Step SitePrep, Roller Chopping; SitePrep, Trenching; Planting, Initial Plant; Planting, Replant; Pesticide, Skidder - Site Prep; Pesticide,

<u>Treatments:</u> Skidder - Release; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr)

Acceptable Acceptable regeneration includes a well stocked stand of planted Red Pine.

Regen:

Other Do not cut trees or damage post with blue markers and keep a 10 foot slash free zone area next to Merchant Road and the Midland to Mackinaw

Comment: Trail. Include the 6 inch maximum stump height harvest specification.

Proposed Start Date: 10/1 /2020

29 52179029-Cut 8.1 4199 - Other Mixed Sapling 6 Immatu Harvest Clearcut 4211 - Planted Even-Aged Approved Upland Deciduous Poor re Red Pine Proposal

Habitat Cut: No Site Condition:

<u>Prescription</u> Harvest overstory and plant to Red Pine. No stand retention. Include treatments from Stands 24, 29, 58 and 60 into the same sale and replant. <u>Specs:</u>

Next Step SitePrep, Trenching; SitePrep, Roller Chopping; Planting, Initial Plant; Planting, Replant; Pesticide, Skidder - Site Prep; Pesticide,

Treatments: Skidder - Release; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr)

<u>Acceptable</u> Acceptable regeneration includes a well stocked stand of planted Red Pine.

Regen:

Other Comment:

Proposed Start Date: 10/1 /2020

42110 - Planted 52179030-Cut Poletimber 58 Clearcut 42110 - Planted 19.2 111-Harvest Even-Aged Approved Red Pine Well 140 Red Pine Proposal

Habitat Cut: No Site Condition:

<u>Prescription</u> Harvest stand and replant to Red Pine. No within-stand retention.

Specs:

Next Step SitePrep, Trenching; Planting, Initial Plant; Planting, Replant; Pesticide, Skidder - Site Prep; Pesticide, Skidder - Release; Monitoring,

Treatments: Artificial Regen(1yr); Monitoring, Artificial Regen(3yr); SitePrep, Roller Chopping

Acceptable Acceptable regeneration would be a well stocked stand of planted Red Pine.

Regen:

Other Do not cut trees or damage post with blue markers and keep a 10 foot slash free zone area next to Merchant Road and the Midland to Mackinaw

Comment: Trail. Include the 6 inch maximum stump height harvest specification.

Proposed Start Date: 10/1 /2020

**Habitat Cut: No** 

Specs:

Next Step **Treatments:** 

Acceptable

Regen:

Other Comment:

**Proposed Start Date:** 10/1 /2020

37 52179037-Cut 57.8 4311 - Pine, Aspen Sawtimber 78 81-110 Harvest Clearcut with 4133 - Aspen, Even-Aged Approved Mix Well Retention Mixed Pine Proposal

**Habitat Cut: No Site Condition:** 

Prescription Harvest stand to regenerate. Mark oak clumps of 1 to 3 trees to leave for mast production and stand structure diversity. Mark no more than 20 basal area of oak residual. Also leave any 20+ DBH White Pine and Red Pine as legacy trees. Put retention pocket around the 3 feet DBH White Specs:

Pines located in the north central part of the stand and in small pockets across from the homes along M-33 highway.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Acceptable regeneration includes a well stocked mix of aspen and pine species.

Regen:

Other (

Comment:

10/1 /2020 **Proposed Start Date:** 

52179038-Cut 25.7 4133 - Aspen, 4133 - Aspen, Sawtimber 65 Unspec Harvest Clearcut with Even-Aged Approved Mixed Pine Mixed Pine Well ified Retention Proposal

**Habitat Cut: No Site Condition:** 

Prescription Harvest stand to regenerate. Leave all oak trees and mark a maximum of 2 to 3 Red and/or White Pines per acre to leave for mast/seed production and for stand structure/species diversity. Put retention pocket in the south part of the stand along the boundary line. Capture some Specs:

the pine in the retention pocket.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Acceptable regeneration includes a well stocked mix of aspen and pine species.

Regen:

**Other** Do not cut trees or damage post with blue markers and keep a 10 foot slash free zone area next to Merchant Road and the Midland to Mackinaw

Trail. Comment:

**Proposed Start Date:** 10/1 /2020

**Treatments:** 

<u>Acceptable</u>

Regen:

Other

Comment:

**Proposed Start Date:** 10/1 /2020

6.9 790 - Other Unspec Clearcut 4211 - Planted 52179058-Cut Nonstocked 0 Harvest Even-Aged Approved Bare/Sparsely ified Red Pine Proposal

Vegetated

#### **Habitat Cut: No Site Condition:**

Prescription Harvest overstory and plant to Red Pine. No stand retention. Include treatments from Stands 24, 29, 58 and 60 into the same sale and replant. Specs:

Next Step SitePrep, Trenching; SitePrep, Roller Chopping; Planting, Initial Plant; Planting, Replant; Pesticide, Skidder - Site Prep; Pesticide, Skidder - Release; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr) **Treatments:** 

Acceptable Acceptable regeneration includes a well stocked stand of Red Pine.

Regen:

Other

Comment:

Proposed Start Date: 10/1 /2020

Gaylord Mgt. Unit Report 3 -- Treatments Compartment: 179 s Year of Entry: 2021 t а **Treatment** Size Stand BA **Treatment Treatment Cover Type** Acres Stand Age **Approval** n Name CoverType Density Age Range Type Method Objective Structure **Status** d 52179059-NF Unspec NonForestMgt Other - Specify 310 -59 0.9 310 - Herbaceous Nonstocked 0 Approved Openland ified Herbaceous Proposal Openland **Habitat Cut: No Site Condition:** Prescription Brush, mow, plant, burn, and/or herbicide to maintain opening. Planting of hard and/or soft mast. Specs: Next Step Treatments: <u>Acceptable</u> Regen: Other Comment: 10/1 /2020 **Proposed Start Date:** 4211 - Planted 8 1 4191 - Mixed 52179060-Cut Sapling 6 **Immatu** Harvest Clearcut Even-Aged Approved **Upland Deciduous** Well Red Pine Proposal re with Conifer **Habitat Cut:** No **Site Condition:** Prescription Harvest overstory and plant to Red Pine. No stand retention because of planting prescription. Include treatments from Stands 24, 29, 58 and 60 Specs: into the same sale and replant. SitePrep, Roller Chopping; SitePrep, Trenching; Planting, Initial Plant; Planting, Replant; Pesticide, Skidder - Site Prep; Pesticide, Next Step Treatments: Skidder - Release; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr) Acceptable Acceptable regeneration includes a well stocked stand of planted Red Pine. Regen: Other Comment: **Proposed Start Date:** 10/1 /2020 Other - Specify 310 -52179063-NF 1.2 3303 - Mixed Low Nonstocked 0 Unspec NonForestMgt Approved **Density Trees** ified Herbaceous Proposal Openland **Habitat Cut: No Site Condition:** Prescription Brush, mow, plant, burn, and/or herbicide to maintain opening. Planting of hard and/or soft mast. Specs: Next Step **Treatments:** <u>Acceptable</u> Regen: Other Comment: 10/1 /2020 **Proposed Start Date:** 3303 - Mixed Low Nonstocked Unspec NonForestMgt 310 -52179064-NF Other - Specify Approved **Density Trees** ified Herbaceous Proposal Openland **Habitat Cut: No Site Condition:** Prescription Brush, mow, plant, burn, and/or herbicide to maintain opening. Planting of hard and/or soft mast. Specs: Next Step **Treatments:** <u>Acceptable</u> Regen:

10/1 /2020

Other Comment:

Proposed Start Date:

Habitat Cut: No Site Condition:

Prescription Clearcut stand to regenerate. Leave the oak species for mast production. However, some oaks can be marked for removal in areas that have higher concentrations of oak trees to open the canopy. Leave no more than 30 residual BA in those areas. Put retention pocket between stands

8, 66, and 67 where there is a high concentration of oaks. Exceeding more than 10% retention is acceptable.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Acceptable regeneration includes a well stocked mix of aspen and deciduous species.

Regen:

Other Commont

Comment:

Proposed Start Date: 10/1 /2020

71 52179071-NF 0.7 310 - Herbaceous Nonstocked Unspec NonForestMgt Other - Specify 310 - Approved ified Proposal Openland Openland

Habitat Cut: No Site Condition:

<u>Prescription</u> Brush, mow, plant, burn, and/or herbicide to maintain opening. Planting of hard and/or soft mast.

Specs:

Next Step

Treatments:

Acceptable Regen:

\_\_\_\_

Other Comment:

Proposed Start Date: 10/1 /2020

Stand

Age

80

Size

Density

Sawtimber

Well

Compartment: 179 Year of Entry: 2021

**Treatment** 

Method

Clearcut with

Retention

**Cover Type** Age **Approval** Objective Structure **Status** 

Even-Aged

Deciduous **Habitat Cut: No** Site Condition:

20.8

Acres

Prescription Harvest stand to regenerate. Put retention in center of stand or close to the south edge of stand and included some of the x-sized DBH White

**Treatment** 

Type

Harvest

BA

Range

111-

140

Specs: Pine and Red Pine for stand structure diversity.

Stand

CoverType

42260 - Natural

Pine, Mixed

Next Step Monitoring, Natural Regen (Re-Inventory)

**Treatments:** 

Acceptable Acceptable regeneration includes a well stocked stand of aspen and pine species.

Regen:

t а

n

d

76

**Treatment** 

Name

52179076-Cut

Do not cut trees or damage post with blue markers and keep a 10 foot slash free zone area next to Merchant Road and the Midland to Mackinaw Other

Comment: Trail

Proposed Start Date: 10/1 /2020

0.6 310 - Herbaceous 0 310 -52179077-NF Nonstocked Unspec NonForestMgt Other - Specify

> Openland ified

Herbaceous

Openland

42110 - Planted

4133 - Aspen,

Mixed Pine

Approved Proposal

Approved

Approved

Proposal

**Habitat Cut: No Site Condition:** 

12.3

Prescription Brush, mow, plant, burn, and/or herbicide to maintain opening. Planting of hard and/or soft mast.

Sawtimber

58

Specs:

Next Step **Treatments:** 

Acceptable

Regen: Other

Comment:

80 52179080-Cut

**Habitat Cut: No** 

Proposed Start Date: 10/1 /2020

Mixed Pine Well Retention Red Pine Proposal

Harvest

Clearcut with

Prescription Harvest stand and plant to Red Pine. Put retention pockets along M-33 across from home sites and include the larger DBH Red Pines within the retention pockets.

Next Step SitePrep, Roller Chopping; SitePrep, Trenching; Planting, Initial Plant; Planting, Replant; Pesticide, Skidder - Site Prep; Pesticide,

51-80

Skidder - Release; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr) Treatments:

Acceptable Acceptable regeneration includes a well stocked stand of planted Red Pine.

42290 - Natural

Site Condition:

Mix

Regen:

Specs:

Other Do not cut trees or damage post with blue markers and keep a 10 foot slash free zone area next to M-33 Highway and Midland to Mackinaw

Trail. Include the 6 inch maximum stump height harvest specification. Comment:

**Proposed Start Date:** 10/1 /2020

52179083-Cut 21.3 4310 - Pine, Oak Sawtimber 78 171-Even-Aged Harvest Clearcut with 4139 - Aspen, Approved

Well 200 Retention

Deciduous

Mixed Proposal

Even-Aged

**Habitat Cut: No Site Condition:** 

Prescription Harvest stand to regenerate. Do not cut hemlock. Do not cut White Pine and Red Pine trees larger than 20 inches DBH. Mark 1 oak clump of 1 Specs:

to 3 trees per acre to leave for mast production and stand structure diversity. Put retention pocket along the south/central boundary line.

Capture some of the large DBH Red Pines that are along the south boundary line within the retention area.

Monitoring, Natural Regen (Re-Inventory) Next Step

**Treatments:** 

Acceptable Acceptable regeneration includes a well stocked mix of aspen, pine and deciduous species.

Regen:

Other Comment:

**Proposed Start Date:** 10/1 /2020

**Total Treatment** Acreage Proposed:

379.4

Compartment: 179

Gaylord Mgt. Unit

1%

John Scheele : Examiner Year of Entry: 2021

**Availability for Management** Total Acres Acres Avail Acres **Dominant Site Conditions** With Condition Not Available 5E Available 5C 2G 3A Acres Aspen Bare/Sparsely Vegetated Cedar Herbaceous Openland Jack Pine Low-Density Trees Lowland Aspen/Balsam Poplar **Lowland Conifers Lowland Deciduous Lowland Mixed Forest** Lowland Shrub Marsh **Mixed Upland Deciduous Natural Mixed Pines** Northern Hardwood Oak Planted Mixed Pines 

**Red Pine** 

**Upland Conifers** 

**Upland Mixed Forest** 

Urban

White Pine

**Total Forested Acres** 

Relative Percent

Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						

1,206

91%

7%

1,319

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

# **Report 4 – Site Conditions**

Gaylord Mgt. Unit

John Scheele : Examiner

Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Failed plantation. L	Left as retention from clearcut: S	aint Re	ed Pine Mix, 52-132-11-01.			
Available	5C: Delay treatment for age/size class diversity or exceptional site quality	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:						
Unavailable	2G: Too wet (sensitive soils, does not include access issues)	4	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments: Possibly a vernal p	pool.					
Available	5C: Delay treatment for age/size class diversity or exceptional site quality	16	Unspecified	Unspecified	Unspecified	Unspecified
Comments:						
Unavailable	5E: Long-Term Retention	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:						
Available	5C: Delay treatment for age/size class diversity or exceptional site quality	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Treat stand next Y	OE.					
	Comments: Failed plantation. Leading plantatio	Comments: Failed plantation. Left as retention from clearcut: Some Available SC: Delay treatment for age/size class diversity or exceptional site quality  Comments:  Unavailable 2G: Too wet (sensitive soils, does not include access issues)  Comments: Possibly a vernal pool.  Available 5C: Delay treatment for age/size class diversity or exceptional site quality  Comments:  Unavailable 5E: Long-Term Retention  Comments:  Available 5C: Delay treatment for age/size class diversity or exceptional site quality	Comments: Failed plantation. Left as retention from clearcut: Saint Real Available    Available    Comments:  Unavailable    2G: Too wet (sensitive soils, does not include access issues)  Comments:  Possibly a vernal pool.  Available    5C: Delay treatment for age/size class diversity or exceptional site quality  Comments:  Unavailable    5C: Delay treatment for age/size class diversity or exceptional site quality  Comments:  4  Comments:  6  Available    5C: Delay treatment for age/size class diversity or exceptional site quality  Comments:	Comments: Failed plantation. Left as retention from clearcut: Saint Red Pine Mix, 52-132-11-01.  Available	Comments: Failed plantation. Left as retention from clearcut: Saint Red Pine Mix, 52-132-11-01.  Available	Comments: Failed plantation. Left as retention from clearcut: Saint Red Pine Mix, 52-132-11-01.  Available 5C: Delay treatment for age/size class diversity or exceptional site quality  Comments:  Unavailable 2G: Too wet (sensitive soils, does not include access issues)  Available 5C: Delay treatment for age/size class diversity or exceptional site quality  Comments:  Possibly a vernal pool.  Available 5C: Delay treatment for age/size class diversity or exceptional site quality  Comments:  Unavailable 5E: Long-Term Retention 4 Unspecified Unspecified Unspecified  Comments:  Available 5C: Delay treatment for age/size class diversity or exceptional site quality  Comments:  Comments:  Available 5C: Delay treatment for age/size class diversity or exceptional site quality  Comments:

# **Report 4 – Site Conditions**

Gaylord Mgt. Unit

John Scheele: Examiner

	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	15	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
9	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	14	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
10	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	21	Unspecified	Unspecified	Unspecified	Unspecified
[	Comments: Delaying treatmen distribution.	t due to the amount of prescribe	d cutting i	n the surrounding stands	s for this YOE. Will hold u	ntil next YOE and will break	ι up size class
[	Delaying treatmen	<u>-</u>	d cutting i	n the surrounding stands Unspecified	s for this YOE. Will hold un	ntil next YOE and will break	c up size class Unspecified
11	Delaying treatmendistribution.  Available  Comments:	t due to the amount of prescribed  5C: Delay treatment for age/size class diversity or	9	Unspecified			•
11	Delaying treatmendistribution.  Available  Comments:	t due to the amount of prescriber  5C: Delay treatment for age/size class diversity or exceptional site quality	9	Unspecified			•

# **Report 4 – Site Conditions**

Compartment: 179

Gaylord Mgt. Unit

John Scheele : Examiner Year of Entry: 2021

13 Unavailable 3A: Conservation Values 8 5C: Delay treatment for 2G: Too wet (sensitive Unspecified Un	ified
--	-------

#### Comments:

Decision was made by timber specialist, inventory specialist and stand examiner during after pre-review site visit to delay any treatment to this stand. Part of the stand surrounds a wet, sensitive area in the south portion of the stand.

10/08/2019 3:36:20 PM - Page 4 of 4 SWARTZN3

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				

Mgt. Unit Compartment:
Year of Entry

# Report 6 - EXISTING SPECIAL CONSERVATION AREA DETAILS



\* This is a list of SCA's for this compartment along with a 1/4 mile buffer surrounding the compartment. Refer to the Special Conservation Area Map for locations of the below listed Conservation Areas.

Conservation Type Description
Area

ERA = Ecological Reference Area

HCVA = High Conservation Value Area

SCA = Special Conservation Area



Stand	Level 4 Co	over Type		Size De	ensity	Acres Stand Age		Acres Stand Age BA Range Managed		ite	General Comments
1	622 - Low	land Shrub	b	Nonsto	ocked	0.9	0	Unspecified	No		
2	122 - Road	d/Parking L	ot	Nonsto	ocked	1.7		Unspecified	No		
3	4116 - Mixed N.	Hardwood	- Aspen	Sawtimb	er Well	11.4	91	81-110	N/A		Marginal quality hardwood. Lots of multi-stemmed maples with some
	Canopy Species	% Cover	Size Class	DBH	l Age	Cano	py Species	Density	Avg. Height	Size	large DBH 24+ beech. Some beech scale. Lots of aspen along the road. BA is 93.
	Sugar Maple	20	Log/Pole	12		Suç	gar Maple	Low	Variable	Sapling	37.10.33.
	Red Maple	20	Log/Pole	12			Beech	High	Variable	Sapling	
	Beech	30	Log/XLog	14	91	Ir	onwood	Medium	>20 feet	Sapling	
	Bigtooth Aspen	25	Log	13							
4	42111 - Planted Deci	Red Pine, iduous	Mixed	Sawtimb	er Well	27.8	58	141-170	N/A		Nice quality Red Pine with wide range of BA from 110 to 226 and wide range of DBH from 6 to 14 inches. Row thinned in 2003. Rows are in
	Canopy Species	% Cover	Size Class	DBH	l Age	Cano	py Species	Density	Avg. Height	Size	different directions and not that straight. Pockets of no, or low, Red Pine BA with deciduous species canopy within the plantation. Red Pine BA is
	Red Pine	75	Log	10	58	Suç	gar Maple	High	>20 feet	Sapling	164.
	Sugar Maple	15	Pole	6		Ir	onwood	High	10 - 20 feet	Sapling	
							Beech	Low	5 - 10 feet	Sapling	
						Re	ed Maple	Low	10 - 20 feet	Sapling	
5	310 - Herbac	eous Open	nland	Nonsto	ocked	6.7	ed Maple	Unspecified	10 - 20 feet No	Sapling	Opening was mowed in 2015 as part of FTP W52-419.
5 6	310 - Herbaco	•		Nonsto Sawtimb		6.7	ed Maple			Sapling	Nice, large DBH oak with scattered pine and hemlock. Some oaks are
6		d Upland D		Sawtimb	er Well	6.7	93	Unspecified	No N/A	Sapling	
6	4199 - Other Mixed	d Upland D	Deciduous	Sawtimb		6.7 16.4 <b>Canc</b>	'	Unspecified 81-110	No		Nice, large DBH oak with scattered pine and hemlock. Some oaks are
6	4199 - Other Mixed	d Upland D	Deciduous Size Class	Sawtimb <b>DB</b> H	er Well	6.7 16.4 <b>Canc</b>	93 opy Species	Unspecified 81-110 Density	No N/A <b>Avg. Height</b>	Size Sapling	Nice, large DBH oak with scattered pine and hemlock. Some oaks are
6	4199 - Other Mixed Canopy Species Red Maple	d Upland D  **Cover** 25	Deciduous Size Class Pole/Log	Sawtimb  DBH	er Well	6.7 16.4 <b>Canc</b> W	93  ppy Species  hite Pine	Unspecified  81-110  Density  Low	No N/A Avg. Height 10 - 20 feet	Size Sapling Sapling	Nice, large DBH oak with scattered pine and hemlock. Some oaks are
6	4199 - Other Mixed Canopy Species Red Maple Red Oak	d Upland D % Cover 25 43	Deciduous Size Class Pole/Log XLog/Log	Sawtimb  DBH  9  22	er Well	6.7 16.4 <b>Canc</b> W	93  ppy Species  hite Pine  alsam Fir	Unspecified  81-110  Density  Low  Medium	No  N/A  Avg. Height  10 - 20 feet  10 - 20 feet	Size Sapling Sapling Sapling	Nice, large DBH oak with scattered pine and hemlock. Some oaks are
6	4199 - Other Mixed Canopy Species Red Maple Red Oak	d Upland D % Cover 25 43	Deciduous Size Class Pole/Log XLog/Log	Sawtimb  DBH  9  22	er Well	6.7 16.4 <b>Canc</b> W Ba	93  ppy Species  hite Pine  alsam Fir  Beech	Unspecified  81-110  Density  Low  Medium Low	No  N/A  Avg. Height  10 - 20 feet  10 - 20 feet  10 - 20 feet	Size Sapling Sapling	Nice, large DBH oak with scattered pine and hemlock. Some oaks are
6	4199 - Other Mixed Canopy Species Red Maple Red Oak	d Upland D % Cover	Deciduous  Size Class  Pole/Log  XLog/Log  Log/Pole	Sawtimb  DBH  9  22	er Well	6.7  16.4  Cano  W  Ba	93  ppy Species  hite Pine  alsam Fir  Beech  ed Maple	Unspecified  81-110  Density  Low  Medium  Low  Medium	No  N/A  Avg. Height  10 - 20 feet  10 - 20 feet  10 - 20 feet  >20 feet	Size Sapling Sapling Sapling Sapling	Nice, large DBH oak with scattered pine and hemlock. Some oaks are larger than 26 inches DBH. Some larger DBH aspen also. BA is 97.  A few scattered 10" DBH aspen. Multi-aged size class aspen of 3 to 12
7	4199 - Other Mixed <b>Canopy Species</b> Red Maple Red Oak Bigtooth Aspen	d Upland D  Cover  25  43  25  Mixed Deci	Deciduous  Size Class  Pole/Log  XLog/Log  Log/Pole	Sawtimb  DBH  9  22  12  Poletimb	er Well	6.7  16.4  Canc  W  Ba  Re  In	93  ppy Species hite Pine alsam Fir Beech ed Maple onwood	Unspecified  81-110  Density  Low  Medium  Low  Medium  Medium  Medium	No  N/A  Avg. Height  10 - 20 feet  10 - 20 feet  10 - 20 feet  >20 feet  10 - 20 feet	Size Sapling Sapling Sapling Sapling	Nice, large DBH oak with scattered pine and hemlock. Some oaks are larger than 26 inches DBH. Some larger DBH aspen also. BA is 97.
7	4199 - Other Mixed Canopy Species Red Maple Red Oak Bigtooth Aspen	d Upland D  Cover  25  43  25  Mixed Deci	Deciduous  Size Class  Pole/Log  XLog/Log  Log/Pole	Sawtimb  DBH  9  22  12  Poletimb  DBH	er Well  Age 93  ber Well	6.7  16.4  Canc  W  Ba  Re  Ir	93  Depy Species  hite Pine  alsam Fir  Beech  ed Maple  onwood  38	Unspecified  81-110  Density Low Medium Low Medium Medium Unspecified	No  N/A  Avg. Height  10 - 20 feet  10 - 20 feet  10 - 20 feet  >20 feet  >20 feet  N/A	Size Sapling Sapling Sapling Sapling Sapling	Nice, large DBH oak with scattered pine and hemlock. Some oaks are larger than 26 inches DBH. Some larger DBH aspen also. BA is 97.  A few scattered 10" DBH aspen. Multi-aged size class aspen of 3 to 12
7	4199 - Other Mixed Canopy Species Red Maple Red Oak Bigtooth Aspen 4139 - Aspen, I	d Upland D  Cover 25 43 25  Mixed Deci	Deciduous Size Class Pole/Log XLog/Log Log/Pole iduous Size Class	Sawtimb  DBH  9  22  12  Poletimb  DBH	er Well  Age 93  ber Well	6.7  16.4  Canc  W  Ba  Re  Ir  13.2  Canc	93  ppy Species hite Pine alsam Fir Beech ed Maple onwood  38  ppy Species	Unspecified  81-110  Density  Low  Medium  Low  Medium  Medium  Unspecified  Density	No  N/A  Avg. Height  10 - 20 feet  10 - 20 feet  10 - 20 feet  >20 feet  >10 - 20 feet  N/A  Avg. Height	Size Sapling Sapling Sapling Sapling Sapling Sapling	Nice, large DBH oak with scattered pine and hemlock. Some oaks are larger than 26 inches DBH. Some larger DBH aspen also. BA is 97.  A few scattered 10" DBH aspen. Multi-aged size class aspen of 3 to 12
7	4199 - Other Mixed Canopy Species Red Maple Red Oak Bigtooth Aspen 4139 - Aspen, I Canopy Species Red Maple	d Upland D  Cover 25 43 25  Mixed Deci  Cover 13	Poleciduous  Size Class  Pole/Log  XLog/Log  Log/Pole  iduous  Size Class  Pole/Sapling	Sawtimb  DBH 9 22 12 Poletimb  DBH 9 5	93 Der Well	6.7  16.4  Canc W Ba Re In  13.2  Canc	93  ppy Species hite Pine alsam Fir Beech ed Maple ronwood  38  ppy Species ded Pine	Unspecified  81-110  Density  Low  Medium  Low  Medium  Medium  Medium  Unspecified  Density  Low	No  N/A  Avg. Height  10 - 20 feet  10 - 20 feet  10 - 20 feet  >20 feet  >20 feet  N/A  Avg. Height  < 5 feet	Size Sapling Sapling Sapling Sapling Sapling Sapling Sapling	Nice, large DBH oak with scattered pine and hemlock. Some oaks are larger than 26 inches DBH. Some larger DBH aspen also. BA is 97.  A few scattered 10" DBH aspen. Multi-aged size class aspen of 3 to 12 inches but mostly 6" DBH.

Report 7 - Stands



Stand	d Level 4 C	over Type		Size De	nsity	Acres	Stand Age	BA Range	Managed S	Site	General Comments
8	6119 - Mixed Lo F	owland Deci	iduous	Sawtimb	er Well	18.4	80	Unspecified	N/A		Variable stand in wetness and cover type species. Some larger DBH Quaking Aspen and Red Maple along the south boundary line. Some
	Canopy Species	% Cover	Size Class	DBF	I Age	Cano	py Species	Density	Avg. Height	Size	over mature aspen which is falling over. Higher ground along east and south boundary lines. Pocket of Tag Alder in center of stand. Some of
	Red Maple	53	Log/Pole	10	80	Ва	Isam Fir	Medium	Variable	Sapling	the south boundary line has been painted with blue paint.
	Quaking Aspen	30	Log/Pole	12		BI	ack Ash	Low	10 - 20 feet	Sapling	·
							Beech	Low	10 - 20 feet	Sapling	
						Ta	ag Alder	Medium	10 - 20 feet	Tall Shrub	
9	4311 - Pir	ne, Aspen M	ix	Sawtimb	er Well	14.2	70	81-110	N/A		A few scattered 14+ DBH Red Pine. Multi-sized aspen from 4 to 12
	Canopy Species	% Cover	Size Class	DBF	I Age	Cano	py Species	Density	Avg. Height	Size	ninches DBH but mostly pole sized. Mostly White Pine along the road and in the south west corner of stand. BA is 100.
	Red Maple	10	Pole/Saplin	ng 7		Re	d Maple	Low	10 - 20 feet	Sapling	in the south west come of stand. BA is roo.
	Red Oak	10	Log	16		R	ed Oak	Low	10 - 20 feet	Sapling	
	Bigtooth Aspen	25	Log/Pole	10		Ва	Isam Fir	Low	Variable	Sapling	
	White Pine	10	Log/Pole	12		WI	nite Pine	Low	Variable	Sapling	
	Red Pine	40	Log/Pole	11	70	Bigto	oth Aspen	Medium	>20 feet	Sapling	
10	310 - Herbad	ceous Open	land	Nonsto	ocked	0.5	0	Unspecified	No		Opening was mowed in 2015.
11	42111 - Planted Dec	d Red Pine, ciduous	Mixed	Sawtimb	er Well	4.8	58	141-170	N/A		Not very good quality Red Pine. Clumps of maple and oak within plantation. 10+" DBH aspen between the 2 arms of the plantation.
	Canopy Species	% Cover	Size Class	DBF	I Age	Cano	py Species	Density	Avg. Height	Size	
	Red Oak	10	Pole	7		Ва	Isam Fir	Low	Variable	Sapling	
	Red Pine	70	Log/Pole	10	58						
	Quaking Aspen	10	Log	10							
12	42260 - Natural P	ine, Mixed D	Deciduous	Sawtimb	er Well	12.7	71	81-110	N/A		Unique stand of White Pine which is fairly branchy but mostly straight.
	Canopy Species	% Cover	Size Class	DBF	I Age	Cano	py Species	Density	Avg. Height	Size	Variable DBH for pine and aspen from 4-12 inches. Jack Pine is dying out. Jack Pine in north part of stand. BA is 103.
	Red Maple	13	Pole	7		Re	d Maple	Medium	10 - 20 feet	Sapling	
	Bigtooth Aspen	18	Log/Pole	11		Ва	lsam Fir	Low	Variable	Sapling	
	White Pine	55	Log/Pole	10	71	WI	nite Pine	Medium	Variable	Sapling	
	Jack Pine	7	Pole	6							
13	4130	- Aspen		Poletimb	er Well	18.3	48	Unspecified	N/A		Close to a log canopy. A few pockets of log-sized aspen.
	Canopy Species	% Cover	Size Class	DBF	l Age	Cano	py Species	Density	Avg. Height	Size	
	Red Maple	10	Pole	7		Re	d Maple	High	>20 feet	Sapling	
	Bigtooth Aspen	70	Pole/Log	9	48	Ва	lsam Fir	Low	Variable	Sapling	
	Red Pine	15	Log/XLog	14		WI	nite Pine	Low	Variable	Sapling	
14	310 - Herbad	ceous Open	land	Nonsto	ocked	2.0		Unspecified	No		Cleared powerline.



Stand	Level 4 Co	ver Type	;	Size D	ensity	Acres	Stand Age	BA Range	Managed S	Site	General Comments
15	42111 - Planted Decid	Red Pine, duous	Mixed S	Sawtimb	oer Well	5.9	57	111-140	N/A		Stand has never been thinned. Wide range of DBH from 4 to 11 inches. Aspen has larger DBH with some dying out. BA is 127.
	Canopy Species	% Cover	Size Class	DBI	H Age	Cano	py Species	Density	Avg. Height	Size	
	Bigtooth Aspen	36	Log/Pole	12		Re	ed Maple	Medium	>20 feet	Sapling	
	Red Pine	60	Log/Pole	10	57	R	ed Oak	Low	>20 feet	Sapling	
				'		W	hite Pine	Low	Variable	Sapling	
16	4130 -	Aspen	F	Poletim	oer Well	24.3	37	Unspecified	N/A		Bigger DBH aspen in northwest corner between the 2 arms of the Red
	Canopy Species	% Cover	Size Class	DBI	H Age	Cano	py Species	Density	Avg. Height	Size	Pine stand.
	Bigtooth Aspen	75	Pole/Sapling	5	37	W	hite Pine	Low	Variable	Sapling	
	White Pine	10	Log	12		Re	ed Maple	Medium	10 - 20 feet	Sapling	
	Red Maple	10	Sapling/Pole	4		Che	erry (spp.)	Low	10 - 20 feet	Sapling	
					<u> </u>		Beech	Low	10 - 20 feet	Sapling	
						R	ed Oak	Low	10 - 20 feet	Sapling	
17	4130 -	Aspen		Saplin	g Well	29.1	5	Immature	N/A		Stand is more lowland in the south and southeast part of the stand. Less aspen regeneration and more Red Maple and Balsam Fir regeneration in
	Canopy Species	% Cover	Size Class	DBI	H Age	Cano	py Species	Density	Avg. Height	Size	the south part of stand.
	Quaking Aspen	40	Sapling	1	5	Ta	ag Alder	Medium	5 - 10 feet	Tall Shrub	
	Bigtooth Aspen	30	Sapling	1							
	Red Maple	20	Sapling	1							
18	4123 - F	Red Oak	P	oletimb	er Poor	16.0	40	1-50	N/A		Stand was cut in 2002. Everything was cut except White pine and oak
	Canopy Species	% Cover	Size Class	DBI	H Age	Cano	py Species	Density	Avg. Height	Size	species. Variety of species and sizes now. Regenerating very nicely to a mixed oak/pine stand. Many pole sized oaks. Some pockets of aspen
	Red Maple	10	Sapling	2		W	hite Pine	High	Variable	Sapling	but it is not an aspen stand.
	Red Oak	63	Pole/Sap/Log	5	40	R	ed Pine	Low	Variable	Sapling	
	Bigtooth Aspen	10	Sapling	3							-
	Red Pine	10	Sapling	4							
19	42200 - Natu	ral White P	Pine S	Sawtimb	oer Well	12.7	65	81-110	N/A		Nice straight White Pine with some 18+ inches in DBH. Understory was
	Canopy Species	% Cover	Size Class	DBI	H Age	Cano	py Species	Density	Avg. Height	Size	removed in 1982.
	Red Pine	20	Log/Pole	12		Re	ed Maple	Low	5 - 10 feet	Sapling	
	White Pine	67	Log/Pole	12	65	W	hite Pine	Low	5 - 10 feet	Sapling	
	Red Oak	13	Pole	6		R	ed Oak	Low	10 - 20 feet	Sapling	
	Red Oak	_									†
	Red Oak						Beech	Low	5 - 10 feet	Sapling	



Stand	Level 4 Co	over Type		Size D	ensity	Acres Stand A	ge BA Range	Managed S	ite	General Comments
20	4133 - Aspe	n, Mixed Pi	ine F	Poletim	er Well	43.1 38	Unspecified	N/A		Oak and Pine was left from previous harvest. More aspen on the east side of stand and more Red Pine on the west side of stand. Ground is
	Canopy Species	% Cover	Size Class	DBI	H Age	Canopy Speci	es Density	Avg. Height	Size	wetter on the north side of stand but still has Red Pine regeneration.
	Bigtooth Aspen	40	Pole/Sapling	5	38	White Pine	Low	Variable	Sapling	
	Red Pine	35	XLog/Log	18	90	Red Oak	Low	10 - 20 feet	Sapling	
	Red Maple	9	Sapling	3		Red Pine	Low	Variable	Sapling	
						Balsam Fir	Low	Variable	Sapling	
21	4133 - Aspe	n, Mixed Pi	ine F	Poletimb	er Well	12.3 37	Unspecified	N/A		Areas of high pine regeneration under the aspen.
	Canopy Species	% Cover	Size Class	DBI	l Age	Canopy Speci	es Density	Avg. Height	Size	
	Bigtooth Aspen	55	Pole/Sapling	5	37	White Pine	Medium	5 - 10 feet	Sapling	
	White Pine	20	Log/Pole	12		Red Pine	Medium	5 - 10 feet	Sapling	
	Red Pine	20	Pole/Sapling	9 6	<u> </u>		1		1	
22	622 - Low	land Shrub	)	Nonst	ocked	20.1	Unspecified	No		
23	42141 - Planted Deci	Mixed Pine duous	, Mixed	Saplin		52.8 16	Immature	N/A		Northeast part of stand was planted to Red Pine and the rest was planted to Jack Pine. Red Pine has good growth in the last 5 years. Pockets of missing planted pines. Trees are planted 2 to 3 feet apart in areas.
	Canopy Species	% Cover	Size Class	DBI	l Age	Canopy Speci	es Density	Avg. Height	Size	Couple pockets of low ground with natural Jack Pine. May want to split
	Bigtooth Aspen	10	Sapling	3		White Pine	Low	< 5 feet	Sapling	stands into Red and Jack Pine next YOE.
	Jack Pine	35	Sapling	3		Cherry (spp.)	Low	5 - 10 feet	Sapling	
	Red Pine	40	Sapling	3	16					
24	42210 - Nat	ural Red Pi	ne S	Sawtimb	er Well	8.1 94	111-140	N/A		Nice Red Pine. DBH range from 10 to 16 inches. Pockets of aspen and
	Canopy Species	% Cover	Size Class	DBI	H Age	Canopy Speci	es Density	Avg. Height	Size	Red Maple. Deer and rabbits tracks observed. BA is 140.
	White Pine	15	Log	12		Red Maple	Low	>20 feet	Sapling	
	Red Pine	68	Log	14	94	Beech	Low	5 - 10 feet	Sapling	
	Quaking Aspen	10	Log	13		White Pine	Low	Variable	Sapling	
25	4311 - Pine	e, Aspen M	ix S	Sawtimb	er Well	13.8 90	81-110	N/A		Mixed stand of trees species. Pockets of Red Pine. Jack Pine is dying out. More Jack Pine in northwest part of stand. West facing hill in south
	Canopy Species	% Cover	Size Class	DBI	H Age	Canopy Speci	es Density	Avg. Height	Size	part of stand which should be left as retention if cutting.
	Red Oak	15	Log/Pole	12		White Pine	Medium	Variable	Sapling	
	Bigtooth Aspen	10	Log/Pole	10		Striped Maple	Low	10 - 20 feet	Sapling	
	White Pine	15	Pole/Log	8		Beech	Medium	5 - 10 feet	Sapling	
	5 . 5 .	0.5	1		- I		1			
	Red Pine	25	Log	12	90					
	Jack Pine	10	Pole	7	90					



Stand	l Level 4 C	over Type		Size De	nsity	Acres	Stand Age	BA Range	Managed S	ite	General Comments
26	42220 - Nat	ural Jack P	ine F	Poletimbe	er Well	13.6	58	Unspecified	N/A		DBH range is 3 to 12 inches for the Jack Pine. Growth rings have been
	Canopy Species	% Cover	Size Class	DBH	Age	Cano	py Species	Density	Avg. Height	Size	very tight for the last 30 years or so. Some the Jack Pine tops are dead. Red Pine is 5 sticks tall with a few scattered 14+ DBH.
	Red Pine	31	Log/Pole	10		Re	ed Pine	Low	Variable	Sapling	
	Jack Pine	60	Pole/Log	9	58	Wh	nite Pine	Low	Variable	Sapling	
						E	Beech	Low	< 5 feet	Sapling	
27	4311 - Pin	e, Aspen M	lix F	Poletimbe	er Well	1.8	57	81-110	N/A		Failed plantation. Left as retention from clearcut: Saint Red Pine Mix, 52-
	Canopy Species	% Cover	Size Class	DBH	Age	Cano	py Species	Density	Avg. Height	Size	132-11-01.
	Bigtooth Aspen	50	Pole	8	57	Re	ed Pine	Medium	Variable	Sapling	
	Red Pine	45	Pole/Sapling	6	57					,	
28	4132 - Asp	en, Jack Pi	ne	Sapling	Well	9.3	15	Immature	N/A		
	Canopy Species	% Cover	Size Class	DBH	Age	Cano	py Species	Density	Avg. Height	Size	
	Jack Pine	20	Sapling/Pole	3		Che	rry (spp.)	Medium	5 - 10 feet	Sapling	
	Bigtooth Aspen	65	Sapling/Pole	4	15						
	Red Pine	10	Sapling/Pole	3							
29	4199 - Other Mixe	d Upland D	eciduous	Sapling	Poor	8.3	6	Immature	N/A		Stand was clearcut in winter of 2013, Saint Red Pine, 52-132-11-01. Oak
	Canopy Species	% Cover	Size Class	DBH	Age						and marked Red Pine trees were left from previous harvest. MO was aspen, maple, and mix pine. Canopy closure is 25% with a variety of
	Pin Cherry	65	Sapling	1	6						species. Very little regeneration other than choke and/or pin cherry.
	Red Oak	10	Log	12							Heavy elk browse in the past.
30	42110 - Pla	nted Red P	ine F	Poletimb		19.2	58	111-140	N/A		Poor quality Red Pine that was inter planted. DBH range from 4 to 10 inches. A few scattered 14+ DBH Red Pine. Hard to see the rows which
	Canopy Species		Size Class		Age		py Species		Avg. Height	Size	are not straight. Higher BA in pocket in north part of stand.
	Red Pine	68	Pole/Log	9	58		d (Hybrid) O		< 5 feet	Sapling	
	Jack Pine	20	Pole	9		Re	ed Pine	Low	5 - 10 feet	Sapling	
31		- Aspen		Sapling		18.2	15	Immature	N/A		
	Canopy Species	% Cover	Size Class		Age	Cano	py Species	Density	Avg. Height	Size	
	Red Oak	10	Log	12		Sug	ar Maple	Medium	10 - 20 feet	Sapling	
	Bigtooth Aspen	40	Sapling	3	15	Re	d Maple	Medium	10 - 20 feet	Sapling	
	Quaking Aspen	30	Sapling	3		Iro	nwood	Medium	10 - 20 feet	Sapling	
	Pin Cherry	20	Sapling	2							
32	122 - Road	d/Parking L	ot	Nonsto	cked	1.8		Unspecified	No		Devereaux Lake Road and adjacent powerline ROW.



Stand	Level 4 Co	over Type		Size I	Den	sity	Acres	Stand Age	ВА	A Range	Managed S	iite	General Comments
33	4111 - S.Maple, Ha	ard Mast As	sociation	Sawtin	nber	Well	8.7	93	8	81-110	N/A		Stand was marked, sold, then handed back in, finally retired 12/2018:
	Canopy Species	% Cover	Size Class	DE	3H <i>i</i>	Age	Cano	py Species		Density	Avg. Height	Size	Extemporaneous Hardwoods, 52-133-11-01. Stand appears to have been not marked enough for last treatment. Birch is dying out and
	Sugar Maple	25	Log/Pole	1	0		I	Beech		Medium	10 - 20 feet	Sapling	diameters are a little smaller that Stand 40.
	Basswood	36	Log/Pole	1	0	93	Strip	ed Maple		Low	10 - 20 feet	Sapling	
	Beech	10	Log/Pole	1	1		Iro	onwood		Medium	10 - 20 feet	Sapling	
	Red Oak	23	Log	1	4		Sug	ar Maple		Medium	10 - 20 feet	Sapling	
34	4130	- Aspen		Sapli	ing V	Vell	27.4	16	Un	specified	N/A		
	Canopy Species	% Cover	Size Class	DE	3H <i>i</i>	Age	Cano	py Species		Density	Avg. Height	Size	
	Red Oak	10	Log/XLog	1	6		Re	d Maple		Low	5 - 10 feet	Sapling	
	Bigtooth Aspen	90	Sapling	2	2	16	Wh	nite Pine		Low	5 - 10 feet	Sapling	
							R	ed Pine		Low	5 - 10 feet	Sapling	
							Ja	ck Pine		Low	5 - 10 feet	Sapling	
35	4133 - Aspe	*		Poletin			32.3	27	Uns	specified	N/A		More Jack Pine along west boundary of stand. Old white junk car in north central part of stand.
	Canopy Species		Size Class		3H /			py Species		Density	Avg. Height	Size	Thoras contras part of stand.
	Bigtooth Aspen	75	Pole/Sapling	_		27		ck Pine		Medium	10 - 20 feet	Sapling	
	Jack Pine	10	Pole/Sapling	g 5	5			ed Pine		Medium	5 - 10 feet	Sapling	
							Pir	n Cherry		Low	10 - 20 feet	Sapling	
36	3303 - Mixed Lo	ow Density	Trees	Nons	stocl	ked	5.5	0	Uns	specified	No		Opening was mowed in 2015 as part of FTP W52-419.
37	4311 - Pino	e, Aspen M	ix	Sawtin	nber	Well	57.8	78	8	81-110	N/A		Nice White Pine. Some 20+ DBH White and Red Pine. Some 14+ DBH
	Canopy Species	% Cover	Size Class	DE	3H <i>i</i>	Age	Cano	py Species		Density	Avg. Height	Size	aspen which is dying out. Paper birch has died or is dying out. Found 2 White Pines over 3 feet in diameter near an old landing in north center
	Red Oak	12	Log/Pole	1:	2		Sug	ar Maple		Medium	>20 feet	Sapling	part of stand. Observed a few elk rubs. Also saw a wire fence along two-
	Bigtooth Aspen	31	Log/Pole	1:	2		I	Beech		Low	5 - 10 feet	Sapling	track north of old landing.
	White Pine	35	Log/Pole	1	2	78	Wh	nite Pine		Medium	Variable	Sapling	
	Red Pine	10	Log/Pole	1	2		R	ed Pine		Low	5 - 10 feet	Sapling	
38	4133 - Aspe	en, Mixed Pi	ine	Sawtin	nber	Well	25.7	65	Uns	specified	N/A		Nice Red Pine quality trees. Red Pine DBH is 6 to 18 inches. Aspen
	Canopy Species	% Cover	Size Class	DE	3H /	Age	Cano	py Species		Density	Avg. Height	Size	DBH range from 6 to 18 inches with the larger aspen having trunk rot.  Elk rubs were observed.
	Bigtooth Aspen	50	Log/Pole	1	0	65	Wh	nite Pine		Medium	Variable	Sapling	
	White Pine	8	Log/Pole	1	1		R	ed Pine		Low	Variable	Sapling	
	Red Pine	30	Log	1-	4		I	Beech		Low	< 5 feet	Sapling	
							Re						

Gaylord Mgt. Unit

ort 7 – Stands



Stand	d Level 4 C	over Type	5	Size Densit	y Acres	Stand Age	BA Range	Managed	Site	General Comments
39	4130	- Aspen	P	oletimber W	/ell 106.9	38	Unspecified	N/A		Not the best quality aspen. Lots of aspen on the ground. More Quaking
	Canopy Species	% Cover	Size Class	DBH Ag	e Can	opy Species	Density	Avg. Height	Size	aspen in the north part of stand. Low ground pocket in southeast corner of stand. Also pocket of low density trees of mostly large DBH oaks in
	Quaking Aspen	31	Pole	6	R	ed Maple	Medium	>20 feet	Sapling	the southeast corner which were left from last treatment. Leave for
	Bigtooth Aspen	43	Pole	7 38		Red Oak	Low	>20 feet	Sapling	diversity of cutting.
	Red Maple	10	Sapling/Pole	4	1	ag Alder	Low	10 - 20 feet	Tall Shruk	
					Ch	erry (spp.)	Low	10 - 20 feet	Sapling	
					Serviceb	erry (Junebe	rry) Low	>20 feet	Sapling	
					Su	igar Maple	Low	>20 feet	Sapling	
40	4111 - S.Maple, H	ard Mast A	ssociation S	awtimber W	'ell 23.1	98	111-140	N/A		Stand was marked, sold, then handed back in, finally discontinued 12/2018: Extemporaneous Hardwoods, 52-133-11-01. Nice stand of
	Canopy Species	% Cover	Size Class	DBH Ag	e Can	opy Species	Density	Avg. Height	Size	hardwood with some larger DBH basswood. Need to mark heavier than
	Sugar Maple	33	Log/Pole	10	Su	ıgar Maple	Low	10 - 20 feet	Sapling	previous marking. BA is 122.
	Basswood	35	Log	12 98		Beech	Medium	10 - 20 feet	Sapling	
	Beech	10	Log	12	I	ronwood	Medium	10 - 20 feet	Sapling	
	Red Oak	20	XLog/Log	22	Str	iped Maple	Medium	10 - 20 feet	Sapling	
41	42110 - Pla	inted Red P	ine S	awtimber W	'ell 12.8	56	111-140	N/A		Nice Red Pine that was thinned in 2003. BA is 130. High understory
	Canopy Species	% Cover	Size Class	DBH Ag	e Can	opy Species	Density	Avg. Height	Size	overall.
	Red Pine	100	Log	13 56	Su	ıgar Maple	Medium	>20 feet	Sapling	
					Str	iped Maple	Low	10 - 20 feet	Sapling	
					Ch	erry (spp.)	Low	10 - 20 feet	Sapling	
						Beech	Medium	10 - 20 feet	Sapling	
					R	ed Maple	Medium	10 - 20 feet	Sapling	
42	6112 - Lo	wland Aspe	n P	oletimber W		35	Unspecified	N/A		Pocket of tag alder in center of stand.
	Canopy Species	% Cover	Size Class	DBH Ag	e Can	opy Species	Density	Avg. Height	Size	
	Red Maple	17	Pole/Sapling	5		alsam Fir	Medium	Variable	Sapling	
	Quaking Aspen	41	Pole/Sapling	5 35	1	ag Alder	High	10 - 20 feet	Tall Shrub	
	Balsam Fir	10	Sapling/Pole	4						
	Red Pine	15	Log	14						
	Hemlock	10	Log/Pole	12						
43	42210 - Na	tural Red P	ine S	awtimber W	/ell 26.0	70	111-140	N/A		Red Pine DBH is 5 to 16 inches and the distribution is more uniform that
	Canopy Species	% Cover	Size Class	DBH Ag	Can	opy Species	Density	Avg. Height	Size	Stand 76. All species except pine and oak were removed in 1993 and some Red Pine logs were removed in 1994. Red Pine is shorter and
	Red Pine	93	Log/Pole	12 70	R	ed Maple	Medium	>20 feet	Sapling	smaller than stand to the north. BA is 113.
					Big	tooth Aspen	Medium	10 - 20 feet	Sapling	
						Beech	Low	5 - 10 feet	Sapling	



Stand	d Level 4 C	over Type		Size De	nsity	Acres	Stand Age	BA Range	Managed 9	Site	General Comments
44	42200 - Natu	ıral White F	Pine S	Sawtimb	er Well	27.3	65	51-80	N/A		Previous harvest cut everything except White Pine and oak species.  White Pine diameters range from 6 to 12 inches with a few scattered
	Canopy Species	% Cover	Size Class	DBH	Age	Cano	py Species	Density	Avg. Height	Size	larger White Pines. Canopy closure is about 75% but drops below that
	Red Oak	10	Log/Pole	16		Bigto	oth Aspen	High	>20 feet	Sapling	along the east side of the stand.
	White Pine	90	Log/Pole	10	65	Re	d Maple	Low	5 - 10 feet	Sapling	
						Wh	nite Pine	Medium	5 - 10 feet	Sapling	
						R	ed Oak	Low	< 5 feet	Sapling	
45	429 - Mixed l	Jpland Con	ifers S	Sawtimb	er Well	4.6	88	51-80	N/A		Unique stand of mostly hemlock. Hemlock DBH range is 5 to 12 inches.
	Canopy Species	% Cover	Size Class	DBH	Age						No Balsam fir compared to Stand 74.
	Quaking Aspen	30	Log	16							
	Hemlock	50	Log/Pole	10	88						
	White Pine	15	Log	14							
46	42200 - Natu	ıral White F	Pine Sa	wtimbe	Medium	n 25.4	60	51-80	N/A		Stand was cut in 2002 except Red Pine, White Pine, and oak species.  Some scattered x-sized Red Pine and 14+ DBH White Pine. Lots of elk
	Canopy Species	% Cover	Size Class	DBH	Age	Cano	py Species	Density	Avg. Height	Size	rubs observed.
	White Pine	68	Log/Pole	10	60	Bigto	oth Aspen	Full	>20 feet	Sapling	1 444 545 545 545
	Red Pine	30	Log	12		Re	d Maple	Medium	5 - 10 feet	Sapling	
						E	Beech	Low	5 - 10 feet	Sapling	
						Che	erry (spp.)	Low	5 - 10 feet	Sapling	
						Wh	nite Pine	Low	Variable	Sapling	
47	4130	- Aspen	F	Poletimb	er Well	34.1	35	1-50	N/A		Bigger DBH than Stand 85. Some log-sized 10" DBH trees. Vernal
	Canopy Species	% Cover	Size Class	DBH	Age	Cano	py Species	Density	Avg. Height	Size	pond/wet area just south of Stand 77.
	Bigtooth Aspen	57	Pole	8	35	Re	d Maple	Low	>20 feet	Sapling	
	Quaking Aspen	10	Pole/Sapling	5		Che	erry (spp.)	Low	10 - 20 feet	Sapling	
	Sugar Maple	10	Sapling/Pole	4		Iro	onwood	Low	>20 feet	Sapling	
	Red Maple	10	Sapling/Pole	4		Wh	nite Pine	Low	>20 feet	Sapling	
48	4130	- Aspen		Sapling		33.5	4	Immature	N/A		Stand was cut as part of Gated Aspen 52-118-11-01.
	Canopy Species	% Cover	Size Class	DBH	Age	Cano	py Species	Density	Avg. Height	Size	
	Bigtooth Aspen	75	Sapling	1	4	Blackbe	rry/Raspberr	y Medium	5 - 10 feet	Tall Shrub	
	Red Maple	20	Sapling	1							
49	310 - Herbac	eous Open	land	Nonsto	cked	1.0		Unspecified	No		Close to a 330 - Low Density Trees stand. Could clear existing trees and mow encroaching regeneration.
50	622 - Lov	vland Shrub	)	Nonsto	cked	4.2		Unspecified	No		



Stand	d Level 4 Co	over Type		Size De	nsity	Acres	Stand Age	BA Range	Managed S	Site	General Comments
51	4136 - Aspen	, Mixed Co	onifer F	Poletimb	er Well	16.0	52	Unspecified	N/A		DBH variable from 3 to 12 inches. A few scattered log-sized aspen. Elk tracks along edge of Stand 52.
	Canopy Species	% Cover	Size Class	DBH	Age	Cano	py Species	Density	Avg. Height	Size	tracks along edge of Stand 52.
	Bigtooth Aspen	68	Pole/Sapling	6	52	Ва	lsam Fir	Low	Variable	Sapling	
	Balsam Fir	10	Sapling/Pole	4		Wh	ite Pine	Low	Variable	Sapling	
	White Pine	10	Log/Pole	12							•
	Red Maple	10	Pole/Sapling	5							
52	4319 - Mixed	Upland Fo	orest S	Sawtimb	er Well	30.6	66	51-80	N/A		Overall size is close to a pole-sized stand. A few large DBH White
	Canopy Species	% Cover	Size Class	DBH	Age	Cano	py Species	Density	Avg. Height	Size	Spruce, Red Pine, and White Pine (20+ inches) in west/center of stand.  A few scattered larger DBH Big Tooth Aspen. Fair amount of Balsam Fir
	Quaking Aspen	40	Log/Pole	10	66	Ва	lsam Fir	Medium	5 - 10 feet	Sapling	debris on the ground. Wet area in northwest corner of stand. Old skid
	Balsam Fir	38	Pole/Sapling	7				1			trail in southeast corner of stand running west. Elk scraps along west
	Bigtooth Aspen	10	Pole/Sapling	7							boundary line on Red Maple stems.
53	6119 - Mixed Lo	wland Dec	iduous	Sapling	Well	9.3	16	Immature	N/A		Lots of deer tracks.
	Canopy Species	% Cover	Size Class	DBH	Age	Cano	py Species	Density	Avg. Height	Size	
	Red Maple	20	Sapling	3			g Alder	Medium	10 - 20 feet	Tall Shrub	
	Paper Birch	35	Sapling	2		Wil	low spp.	High	10 - 20 feet	Tall Shrub	
	Quaking Aspen	35	Sapling	3	16	Ва	Isam Fir	Low	5 - 10 feet	Sapling	
54	3302 - Low Den	sity Conife	r Trees	Nonsto	cked	1.3		Unspecified	No		
55	4130	- Aspen		Sapling	Well	12.4	16	Immature	N/A		most of stand is regenerating
	Canopy Species	% Cover	Size Class	DBH	Age	Cano	py Species	Density	Avg. Height	Size	
	Quaking Aspen	21	Sapling	3		Та	g Alder	Low	< 5 feet	Tall Shrub	
	Bigtooth Aspen	53	Sapling/Pole	3	16	Wil	low spp.	Low	10 - 20 feet	Tall Shrub	
	Paper Birch	10	Sapling	3		Blackbe	rry/Raspberr	y Low	5 - 10 feet	Tall Shrub	
						Wh	ite Pine	Medium	10 - 20 feet	Sapling	
56	622 - Low	vland Shrub	b	Nonsto	cked	2.3		Unspecified	No		
57	6120 - Lov	wland Ceda	ar S	Sawtimb	er Well	3.0	90	Unspecified	N/A		Significant blowdown in areas. Some larger, 14 inches DBH cedar 14.
	Canopy Species	% Cover	Size Class	DBH	Age	Cano	py Species	Density	Avg. Height	Size	
	Red Maple	15	Log/Pole	10		Ва	lsam Fir	Medium	Variable	Sapling	
	Paper Birch	15	Pole/Log	9		Та	g Alder	Low	< 5 feet	Tall Shrub	
No	orthern White Cedar	61	Log/Pole	10	90	Wil	low spp.	Medium	< 5 feet	Tall Shrub	



Stand	d Level 4 C	over Type	;	Size Der	nsity	Acres	Stand Age	BA Range	Managed S	Site	General Comments
58	790 - Other Bare/	Sparsely V	egetated	Nonsto	cked	11.5	0	Unspecified	No		Previously a failed Red Pine plantation. Clearcut in 2012 and 2013, Saint Red Pine, 52-132-11-01. Previous MO was aspen, maple, pine mix. Current inventory is light Red Pine <3 feet, light Quaking Aspen <3 feet, medium cherry spp. 5-10 feet, light Red Maple pulpwood, light White Pine sapling/pulpwood, and light oak 18 inches DBH. Red Maple may have been mistaken for oak during last treatment. Heavy elk browse in the past.
59	310 - Herbac	eous Open	ıland	Nonsto	cked	0.9	0	Unspecified	No		
60	4191 - Mixed Upla Co	and Decidu onifer	ous with	Sapling	Well	30.4	6	Immature	N/A		Stand was cut winter of 2013 as part of Saint Red Pine Mix, 52-132-11- 01. Retention pocket on NE corner. Mo was aspen, maple, and pine. A
	Red Maple Quaking Aspen Red Pine	% Cover 33 34 25	Size Class Sapling Sapling XLog/Log	1 1 1 18	Age 6						lot of Red Pine was left as residual from previous cutting. Some red maple pulpwood was also left. May have been mistaken for oak species. Pocket of no aspen regeneration in the northwest portion of the stand similar to Stands 58 and 29 from elk browse. Converting to a Red Maple/aspen mix stand with high amount of Red Pine overstory.
61	310 - Herbac	eous Open	lland	Nonsto	cked	2.9	0	Unspecified	No		Cleared powerline.
62		wland Mapl		Poletimbe		4.0	70	Unspecified	N/A		Some scattered, larger DBH ( >10") Red Maple. High amount of deer tracks were observed. Area was left as retention for stand to the north.
	Canopy Species		Size Class	DBH			by Species	Density	Avg. Height	Size	Sale #52-118-11-01.
	Red Maple	95	Pole	7	70		sam Fir	High	10 - 20 feet	Sapling	
						Ta	g Alder	Medium	10 - 20 feet	Tall Shrub	
						Bla	ick Ash	Low	>20 feet	Sapling	
63	3303 - Mixed L	ow Density	Trees	Nonsto	cked	1.2	0	Unspecified	No		
64	3303 - Mixed L	ow Density	Trees	Nonsto	cked	1.5	0	Unspecified	No		Close to a forested stand of mixed species. Large DBH Red Oak in north part of stand.
65	4133 - Aspe			Sapling		12.6	37	Unspecified	N/A		Mix stand of species. Nice oak stump sprouts from previous cutting.  Some pockets of better quality aspen in the north part of stand. Poorer
	Canopy Species		Size Class	DBH			y Species	Density	Avg. Height	Size	quality aspen in the south.
	Bigtooth Aspen	43	Pole/Sapling	5	37		ite Pine	Medium	10 - 20 feet	Sapling	
	White Pine	15	Log/XLog	13			d Maple	Low	5 - 10 feet	Sapling	
	Red Oak	15	Pole/Log	9		Iro	nwood	Low	10 - 20 feet	Sapling	
	Red Maple	10	Sapling/Pole	4							
	6113 - Lo	wland Mapl		Sawtimbe		3.8	80	Unspecified	N/A		Appears to be under water for periods of the year. Multi-sized Red Maple with larger sized maple and aspen around the edges of the center.
66			Cina Class	DDU	Age	Cano	by Species	Density	Avg. Height	Size	and all all all all all all all all all al
66	Canopy Species	% Cover									
66	Red Maple	90	Log/Pole	14	80		d Maple	Medium	Variable	Sapling	
66						Та	d Maple g Alder ack Ash	Medium Low	Variable 10 - 20 feet >20 feet	Sapling Tall Shrub	



Stand	Level 4 C	over Type		Size De	ensity	Acres	Stand Age	BA Range	Managed S	Site	General Comments
67	4139 - Aspen,	Mixed Deci	duous S	Sawtimb	er Well	21.2	50	Unspecified	N/A		Variable DBH for aspen from 6 to 14 inches. Nice tall aspen in
	Canopy Species	% Cover	Size Class	DBH	l Age	Cano	py Species	Density	Avg. Height	Size	southwest corner of stand. Birch is dying out.
	Red Maple	10	Pole	7		Ва	Isam Fir	Medium	Variable	Sapling	
	Bigtooth Aspen	58	Log/Pole	11	50	I	Beech	Low	Variable	Sapling	
	Red Oak	15	Log	14		WI	nite Pine	Medium	>20 feet	Sapling	
68	4139 - Aspen,	Mixed Deci	duous S	Sawtimb	er Well	5.5	69	Unspecified	N/A		A few large DBH Red Oak. Birch is dying out. Blue line is in along old fence along the east boundary.
	Canopy Species	% Cover	Size Class	DBH	H Age	Cano	py Species	Density	Avg. Height	Size	lence along the east boundary.
	Red Maple	30	Pole	6		I	Beech	Low	>20 feet	Sapling	
	Red Oak	10	Log	12		Ва	Isam Fir	Medium	Variable	Sapling	
	Bigtooth Aspen	54	Log/Pole	12	69	Iro	onwood	Low	10 - 20 feet	Sapling	
						R	ed Oak	Low	5 - 10 feet	Sapling	
69	4133 - Aspe	en, Mixed Pi	ine S	Sawtimb	er Well	9.0	60	Unspecified	N/A		Aspen dying out. Pockets of no aspen and more Red Maple. Larger aspen adjacent to Stand 15.
	Canopy Species	% Cover	Size Class	DBH	l Age	Cano	py Species	Density	Avg. Height	Size	aspen adjacent to Stand 15.
	Red Maple	20	Pole/Sapling	9 6		R	ed Pine	Low	Variable	Sapling	
	Bigtooth Aspen	45	Log/Pole	11	60	WI	nite Pine	Low	Variable	Sapling	
	Red Pine	21	Log	12		R	ed Oak	Low	>20 feet	Pole	
70	4130	- Aspen	5	Sawtimb	er Well	53.5	69	Unspecified	N/A		Variable species composition across the stand with pockets of aspen,
	Canopy Species	% Cover	Size Class	DBH	l Age	Cano	py Species	Density	Avg. Height	Size	maple and oak dominating species. Pockets of oak in the southwest corner, clumps of multi-stemmed large maples along the west boundary,
	Sugar Maple	20	Log/Pole	10		Sug	gar Maple	Low	>20 feet	Sapling	and pockets of nice volume aspen along the north boundary. Some
	Red Maple	10	Log/Pole	10		I	Beech	Medium	5 - 10 feet	Sapling	larger DBH (14+ inches) maple trees adjacent to the opening.
	Bigtooth Aspen	56	Log/Pole	12	69	Re	ed Maple	Low	>20 feet	Sapling	
					<u> </u>	Iro	onwood	Low	>20 feet	Sapling	
71	310 - Herbac	eous Open	land	Nonst	ocked	0.7		Unspecified	No		
72	4132 - Asp	en, Jack Pii		Sapling	-	4.1	15	Immature	N/A		Not planted. East part of stand is 100% aspen.
	Canopy Species		Size Class		l Age		py Species	Density	Avg. Height	Size	
	Bigtooth Aspen	63	Sapling/Pole	4	15		erry (spp.)	Low	10 - 20 feet	Sapling	
	Quaking Aspen	10	Sapling/Pole	4			ed Pine	Low	5 - 10 feet	Sapling	
	Jack Pine	25	Sapling	3		Ja	ick Pine	High	10 - 20 feet	Sapling	
	·		· · · · · · · · · · · · · · · · · · ·		- 1	WI		Low	5 - 10 feet	Sapling	



Stan	d Level 4 C	over Type		Size De	nsity	Acres	Stand Age	BA Range	Managed S	Site	General Comments
73	4133 - Aspe	en, Mixed P	ine	Sapling	Well	11.7	15	Immature	N/A		Cut in fall of 2003. Pine and oak were left. There a few scattered larger
	Canopy Species	% Cover	Size Class	DBH	Age	Cano	py Species	Density	Avg. Height	Size	DBH oak and pine.
	Red Maple	10	Sapling	2		Che	rry (spp.)	Low	5 - 10 feet	Sapling	
	Red Oak	10	Log/Pole	10		Wh	nite Pine	Low	5 - 10 feet	Sapling	
	Bigtooth Aspen	40	Sapling	3	15	Re	ed Pine	Low	5 - 10 feet	Sapling	
	White Pine	20	Log/Pole	12		R	ed Oak	Low	Variable	Sapling	
	Red Pine	20	Log	12							
74	6129 - Mixed Co Fo	oniferous Lo orest	owland F	Poletimb	er Well	4.9	37	Unspecified	N/A		Nice wildlife cover stand. Lots of deer tracks. Close to a log sized stand. Not very wet.
	Canopy Species	% Cover	Size Class	DBH	Age	Cano	py Species	Density	Avg. Height	Size	
	Quaking Aspen	15	Pole/Sapling	5		Ва	lsam Fir	Low	Variable	Sapling	
	White Pine	10	Log/Pole	13							
	Balsam Fir	38	Pole/Sapling	5	37						
	Hemlock	30	Log/Pole	11	90						
75	42220 - Nat	ural Jack P	ine F	Poletimb	er Well	2.5	37	Unspecified	N/A		Aspen is fairly poor quality. Possibly poor soil.
	Canopy Species	% Cover	Size Class	DBH	Age	Cano	py Species	Density	Avg. Height	Size	
	Quaking Aspen	20	Sapling	3		Wh	nite Pine	Low	Variable	Sapling	
	Jack Pine	80	Pole	6	37	Re	d Maple	Low	>20 feet	Sapling	
						Che	rry (spp.)	Low	10 - 20 feet	Sapling	
76	42260 - Natural Pi			Sawtimb		20.8	80	111-140	N/A		Nice, tall Red Pine. DBH is variable between 6 and 20 inches. Some scattered x-sized White Pine. Aspen DBH is 2 to 10 inches. Pockets of
	Canopy Species		Size Class		Age		py Species	Density	Avg. Height	Size	lower BA. Overall BA is 115.
	Bigtooth Aspen	25	Pole/Log	8			nite Pine	Low	10 - 20 feet	Sapling	
	Red Pine	43	Log/XLog	16	80		ed Pine	Low	5 - 10 feet	Sapling	
	White Pine	20	Log/XLog	17		Re	d Maple	Low	5 - 10 feet	Sapling	
	Red Maple	10	Pole	7							
77	310 - Herbac	eous Open	land	Nonsto	cked	0.6	0	Unspecified	No		Concrete block in opening.
78	4130	- Aspen		Sapling	Well	7.5	16	Unspecified	N/A		Trees appear to be better quality and possible older than Stand 34.
1	0	% Cover	Size Class	DBH	Age	Cano	py Species	Density	Avg. Height	Size	
	Canopy Species		OIZO OIGOS		7.90						
	Red Maple	10	Sapling	2	7.90		d Maple	Low	5 - 10 feet	Sapling	

SWARTZN3



Stand	d Level 4 C	over Type		Size De	nsity	Acres	Stand Age	BA Range	Managed S	Site	General Comments
79	4130	- Aspen		Sawtimb	er Well	2.6	70	Unspecified	N/A		Mostly aspen on the west side and hardwood on the east side of stand.
	Canopy Species	% Cover	Size Class		Age	Cano	py Species	Density	Avg. Height	Size	
	Sugar Maple	20	Log/Pole	11		Ir	onwood	Medium	5 - 10 feet	Sapling	
	Quaking Aspen	20	Log/Pole	10			Beech	Low	5 - 10 feet	Sapling	
	Bigtooth Aspen	45	Log/Pole	12	70						
	Beech	10	Pole/Log	8							
80	42290 - Nati	ural Mixed F	Pine	Sawtimb	er Well	12.3	58	51-80	N/A		Variable stand in size class and pine species. A few larger DBH aspen that is over mature. Does not appear to be planted.
	Canopy Species	% Cover	Size Class	DBH	Age	Cano	py Species	Density	Avg. Height	Size	that is over mature. Does not appear to be planted.
	Bigtooth Aspen	25	Log/Pole	11		W	hite Pine	High	Variable	Sapling	
	Red Pine	25	Log/Pole	12		R	ed Pine	Low	5 - 10 feet	Sapling	
	Jack Pine	25	Pole/Log	9	58	Sc	otch Pine	Low	< 5 feet	Sapling	
	Scotch Pine	25	Pole/Log	8		Che	erry (spp.)	Low	5 - 10 feet	Sapling	
81	6130 - Fir,	Aspen, Map	ole	Poletimb	er Well	5.1	35	Unspecified	N/A		Equipment ruts are still visible from previous harvest. Heavy to conifer
	Canopy Species	% Cover	Size Class	DBH	Age	Cano	py Species	Density	Avg. Height	Size	towards the northeast corner of stand.
	Quaking Aspen	43	Sapling/Pol		35	T	ag Alder	Medium	10 - 20 feet	Tall Shrub	
	Balsam Fir	25	Pole/Saplin	g 5		W	hite Pine	Medium	10 - 20 feet	Sapling	
	White Pine	25	Pole	7		Ва	alsam Fir	Medium	Variable	Sapling	
82	42210 - Na	tural Red Pi	ine	Sawtimb	er Well	8.9	58	171-200	N/A		Pockets of failed Red Pine within plantation with higher density regeneration from understory cutting in 1982. BA is 193 in the higher
	Canopy Species	% Cover	Size Class	DBH	Age	Cano	py Species	Density	Avg. Height	Size	density areas. Survey pipe along the south boundary line.
	Red Pine	100	Log/Pole	10	58	Re	ed Maple	Medium	>20 feet	Sapling	3
						Bigto	ooth Aspen	Medium	>20 feet	Sapling	
83	4310 - Pi	ne, Oak Mix	K	Sawtimb		21.3	78	171-200	N/A		Really nice stand of utility pole quality Red Pine and aspen. Wide range of Red Pine DBH from 4 to 22+ inches and a few scattered 22+ oaks.
	Canopy Species	% Cover	Size Class		Age	Cano	py Species	Density	Avg. Height	Size	Some bigger DBH aspen that has trunk rot. Appears to have never beer
	Bigtooth Aspen	25	Log/Pole	11			Beech	Medium	5 - 10 feet	Sapling	treated. Larger DBH trees along the east boundary line. Pockets of
	Red Pine	50	Log/XLog		78	W	hite Pine	Low	10 - 20 feet	Sapling	deciduous trees in the northeast and northwest corners of stand. No trespass signs posted within stand. BA is 180.
	Red Oak	19	Log/Pole	14			ed Pine	Low	Variable	Sapling	
							tch Hazel	Low	5 - 10 feet	Tall Shrub	
							ped Maple	Low	10 - 20 feet	Sapling	
						Ir	onwood	Low	Variable	Sapling	
84	4130	- Aspen		Sapling	Well	6.3	16	Immature	N/A		
	Canopy Species	% Cover	Size Class	DBH	Age	Cano	py Species	Density	Avg. Height	Size	
	Red Maple	10	Sapling	3		Ir	onwood	High	10 - 20 feet	Sapling	
	Bigtooth Aspen	88	Sapling/Pol	e 4	16						

Report 7 - Stands



Stand	d Level 4 C	over Type				Acres					
85	4130	- Aspen	Po	oletimb	er Well	14.6	35	Unspecified	N/A		Smaller DBH trees than stand to the east. Appears wetter or poorer
	Canopy Species	% Cover	Size Class	DBH	Age	Cano	py Species	Density	Avg. Height	Size	quality soil. Pockets of higher hemlock trees in south east part of stand
	Bigtooth Aspen	10	Pole/Sapling	5		W	hite Pine	Low	5 - 10 feet	Sapling	
	Quaking Aspen	50	Pole/Sapling	5	35	Re	ed Maple	Low	5 - 10 feet	Sapling	
	Sugar Maple	13	Sapling	2		Che	erry (spp.)	Low	5 - 10 feet	Sapling	
	Red Maple	10	Sapling	3							
	Hemlock	10	Log	12							
86	4130	- Aspen	Po	oletimb	er Well	20.2	35	1-50	N/A		
	Canopy Species	% Cover	Size Class	DBH	Age	Cano	py Species	Density	Avg. Height	Size	
	Bigtooth Aspen	76	Pole	6	35	Re	ed Maple	Low	5 - 10 feet	Sapling	
-	Quaking Aspen	10	Pole/Sapling	5		R	ed Pine	Medium	5 - 10 feet	Sapling	
	Red Maple	10	Sapling	3		W	hite Pine	Low	5 - 10 feet	Sapling	
	623 - Emer			Nonsto		2.9	03	Unspecified	No N/A		PA is 107. Stand may have been cut in the early 1060s with the cake
87 88	4199 - Other Mixe	ed Upland D	Deciduous Sa	awtimb	er Well	6.3	93	81-110	N/A	Sizo	BA is 107. Stand may have been cut in the early 1960s with the oak trees left.
88	4199 - Other Mixe	ed Upland D	Deciduous Sa	awtimb <b>DB</b> H		6.3	py Species	81-110 <b>Density</b>	N/A Avg. Height	<b>Size</b> Sapling	
88	4199 - Other Mixe  Canopy Species  Red Maple	ed Upland D  Cover  30	Deciduous Sa Size Class Pole/Sapling	awtimb  DBH	er Well	6.3		81-110	N/A	<b>Size</b> Sapling	
88	4199 - Other Mixe Canopy Species Red Maple Red Oak	ed Upland D  **Cover  30  50	Deciduous Sa Size Class Pole/Sapling Log/XLog	awtimb  DBH  6  16	er Well  Age	6.3	py Species	81-110 <b>Density</b>	N/A Avg. Height		
88	4199 - Other Mixe  Canopy Species  Red Maple	ed Upland D  Cover  30	Deciduous Sa Size Class Pole/Sapling	awtimb  DBH	er Well	6.3	py Species	81-110 <b>Density</b>	N/A Avg. Height		
88	4199 - Other Mixe Canopy Species Red Maple Red Oak Bigtooth Aspen	ad Upland D  **Cover* 30 50 10 8	Size Class Pole/Sapling Log/XLog Log/Pole Log/Pole	awtimb  DBH  6  16  10	er Well  Age  93 58	6.3	py Species	81-110 <b>Density</b>	N/A Avg. Height		Stand was cut in 2002. Pine and oak was left. A few scattered 18+ DB
88	4199 - Other Mixe  Canopy Species  Red Maple  Red Oak  Bigtooth Aspen  White Pine	% Cover 30 50 10 8	Size Class Pole/Sapling Log/XLog Log/Pole Log/Pole	awtimb    0	er Well  Age  93 58	6.3 Canc W	ppy Species hite Pine	81-110  Density  High	N/A  Avg. Height  Variable		trees left.
88	4199 - Other Mixe  Canopy Species  Red Maple  Red Oak  Bigtooth Aspen  White Pine  42290 - Natu	% Cover 30 50 10 8	Size Class Pole/Sapling Log/XLog Log/Pole Log/Pole	awtimb    0	er Well  Age  93  58  er Well	6.3 Canc W	ppy Species hite Pine	81-110  Density  High  51-80	N/A  Avg. Height  Variable	Sapling	Stand was cut in 2002. Pine and oak was left. A few scattered 18+ DE
88	4199 - Other Mixe  Canopy Species  Red Maple  Red Oak  Bigtooth Aspen  White Pine  42290 - Natu	% Cover 30 50 10 8 ural Mixed F	Deciduous Sa Size Class Pole/Sapling Log/XLog Log/Pole Log/Pole Pine Sa Size Class	awtimb  DBH  6  16  10  12  awtimb	er Well  Age  93  58  er Well	6.3  Canc  W  10.8  Canc	ppy Species hite Pine  78 ppy Species	81-110  Density  High  51-80  Density	N/A  Avg. Height  Variable  N/A  Avg. Height	Sapling	Stand was cut in 2002. Pine and oak was left. A few scattered 18+ DE
88	4199 - Other Mixe  Canopy Species  Red Maple  Red Oak  Bigtooth Aspen  White Pine  42290 - Natu  Canopy Species  Red Oak	% Cover 30 50 10 8  ural Mixed F % Cover 25	Deciduous Sa Size Class Pole/Sapling Log/XLog Log/Pole Log/Pole Pine Sa Size Class Pole/Log	awtimb    6	er Well  Age  93  58  er Well	6.3 Cano W	ppy Species hite Pine  78 ppy Species Beech	81-110  Density  High  51-80  Density  Medium	N/A Avg. Height Variable  N/A  Avg. Height 5 - 10 feet	Sapling  Size  Sapling	Stand was cut in 2002. Pine and oak was left. A few scattered 18+ DE
88	4199 - Other Mixe  Canopy Species  Red Maple  Red Oak  Bigtooth Aspen  White Pine  42290 - Nato  Canopy Species  Red Oak  White Pine	## Cover   30   50   10   8      ## Cover   25   35   35	Size Class Pole/Sapling Log/XLog Log/Pole Log/Pole Pine Size Class Pole/Log Log/Pole	awtimb    6	er Well  93 58  er Well  Age	6.3  Canc W  10.8  Canc W  Bigto	ppy Species hite Pine  78 ppy Species Beech hite Pine	81-110  Density  High  51-80  Density  Medium  Medium	N/A  Avg. Height  Variable  N/A  Avg. Height  5 - 10 feet  Variable	Size Sapling Sapling Sapling	Stand was cut in 2002. Pine and oak was left. A few scattered 18+ DE