



Compartment Review Presentation

Newberry Forest Management Unit

Compartment 42024

Entry Year 2022

Acreage: 1,937

County Luce

Management Area: Deer Park

Revision Date: 2020-08-26

Stand Examiner: Amy Douglass

Legal Description:

T49N R10W Sections 6 - 8, 17 - 20

Identified Planning Goals:

To maintain forest health, diversity and sustainability while considering wildlife, fisheries, recreation and environmental needs and concerns.

Soil and topography:

The compartment is dominated by Rubicon. There are small pockets of Rubicon organic surface in the southern half of the compartment. Most of this compartment is flat to rolling, with the exception of the southern end. There are some steep slopes surrounding Perch Lake.

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

Most of the compartment is state owned. There are private parcels on the north side of Perch Lake inside the compartment boundary, including two forty acre parcels under Hancock Forest Management ownership. There are also private parcels between 407 and the compartment boundary, between Seven Mile Fire Lane and Rabbit Patch Road, and one private forty along Rabbit Patch Road. Most of the private ownership are used seasonally, except for a few year-round residents.

Unique Natural Features:

None noted.

Archeological, Historical, and Cultural Features:

CCC Camp Superior is located along Co Road 410, in the adjacent compartment.

Special Management Designations or Considerations:

None noted.

Watershed and Fisheries Considerations:

Perch Lake is the major waterbody in this compartment. With the rebounded water levels, Perch Lake and its backwater areas can now be utilized by most of the fish community. There is also a small unnamed pond in the north/central portion of the compartment. A standard buffer of 100 ft plus 5 ft per 1% increase in slope is recommended for all treatments near both waterbodies.

Wildlife Habitat Considerations:

Compartment 24 is located in far northern Luce county and is in Grand Marais Sandy End Moraine and Outwash ecological sub-subsection as well as the Deer Park Management Area with Kirtland's warbler, piping plover, red crossbill and American marten as featured species. The compartment is heavily comprised of red and jack pine with some aspen, hardwoods, mixed conifer, upland mixed stands and a few lakes. Species diversity in pine stands is generally quite low while non-pine stands are more varied including a bit of oak in the compartment.

Wildlife benefits will be met by retaining oak for hard mast production, maximizing diversity of species in retention pockets to provide future nest and den trees, and striving to maintain mature corridors for marten. Wildlife species using this compartment include bobcat, bear, coyote, wolves, marten, and ruffed grouse.

Mineral Resource and Development Concerns and/or Restrictions

No known potential exists for commercial oil & gas production in this part of the state, and there is no known potential for metallic minerals in this area. An active sand/gravel pit is one mile to the south. There appears to be potential for sand & gravel (primarily sand) within the compartment, but a shallow water table could inhibit development. In addition, some sands in this area are known to be hydrophobic, which could affect their utility as construction aggregate. No current mineral leasing activity exists in the area. The state does not own all mineral rights within the compartment. Because the mineral estate is the dominant estate, reasonable access to the surface must be provided to private owners if they choose to explore or develop their mineral rights.

Vehicle Access:

This compartment can be accessed by County Road 407 on the west, County Road 410E on the south and east, and Rabbit Patch Road on the north. Seven Mile Fire Lane runs east-west through the middle of the compartment. There are also numerous forest roads throughout the compartment that can be used to access almost every stand in compartment. During the winter, Rabbit Patch Road, County Road 410E (north of the private property access road), and Seven Mile Fire Lane are not plowed and are heavily used by snowmobile traffic and dog sledders. Rabbit Patch Road and Seven Mile Fire Lane, at times, have some sandy spots, or wet spots, which can be a challenge without four-wheel drive.

Survey Needs:

Some corners will be needed for stands 53 (Section 19) and 55 (Section 17/18).

Recreational Facilities and Opportunities:

Perch Lake State Forest Campground and Access Site are located on the southwestern corner of the compartment. The Two-Heart Trail for ATV's runs through the northern half of the compartment from Seven Mile Fire Lane to the Rabbit Patch Road and County Road 410 East Junction. The designated snowmobile trail is to the south of the compartment, but snowmobiles also use the road system in the winter.

Fire Protection:

The Compartment is in the Two Hearted Zone Dispatch Area. The area has a moderate potential for large fire growth because of the mixed Pine types. The risk to private properties would be high because of the mixed Pine types.

Additional Compartment Information:**The following reports from the Inventory are attached:**

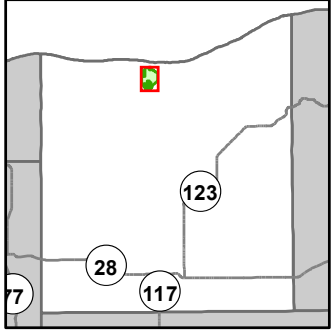
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

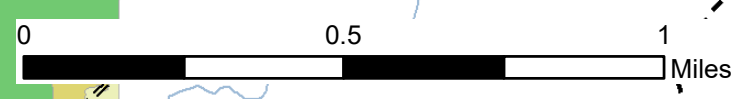
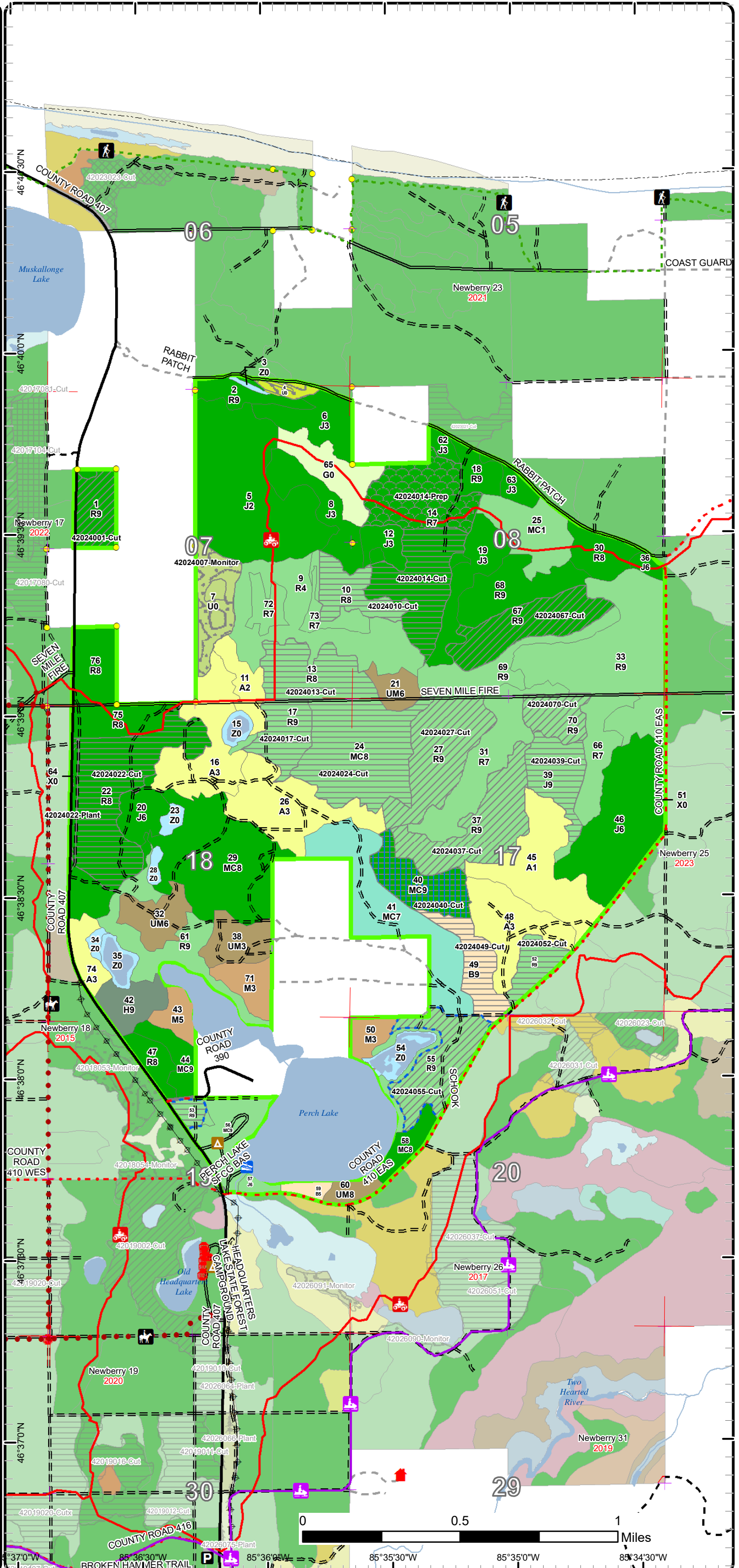
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 24
 T49N, R10W, Sec. 6-8, 17-20
 County: Luce
 Unit: Newberry
 Mgmt Area: Deer Park
 YOE: 2022
 Acres: 1937.3 GIS Calculated
 Examiner: Amy Douglass
 Map Revised: 1/25/2021
 Map Phase: Post-Review



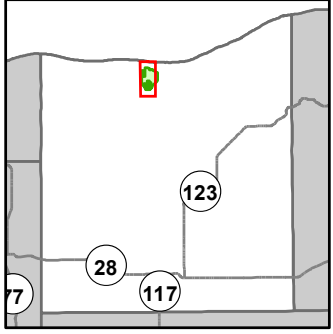
- Miris Corners
- Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- Federal / State - Dirt / Gravel Road
- County - Gravel Road
- Private - Dirt / Gravel Road
- Horse Trails
- ORV Trails
- Snowmobile Trails
- Designated Equestrian Trails
- Designated ATV
- Designated Snowmobile Trails
- Island in Lake or River
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Boating Access Site
- Campground
- Powerline
- Compartment Boundary
- Treatments with Site Conditions
- Planting (tree species)
- Clearcut (w/Reserves)
- Seed Tree (w/Reserves)
- Thinning (Crown, Low, Systematic)
- Regeneration Survey
- Site Prep
- 411 - Northern Hardwood
- 413 - Aspen
- 414 - Other Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 122 - Roads/Parking Lot
- 310 - Herbaceous Openland
- 320 - Upland Shrub
- 330 - Low Density Trees
- 500 - Water



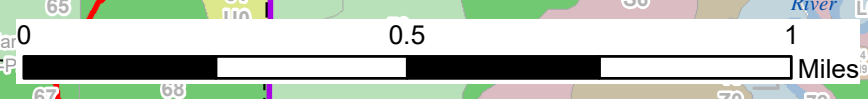
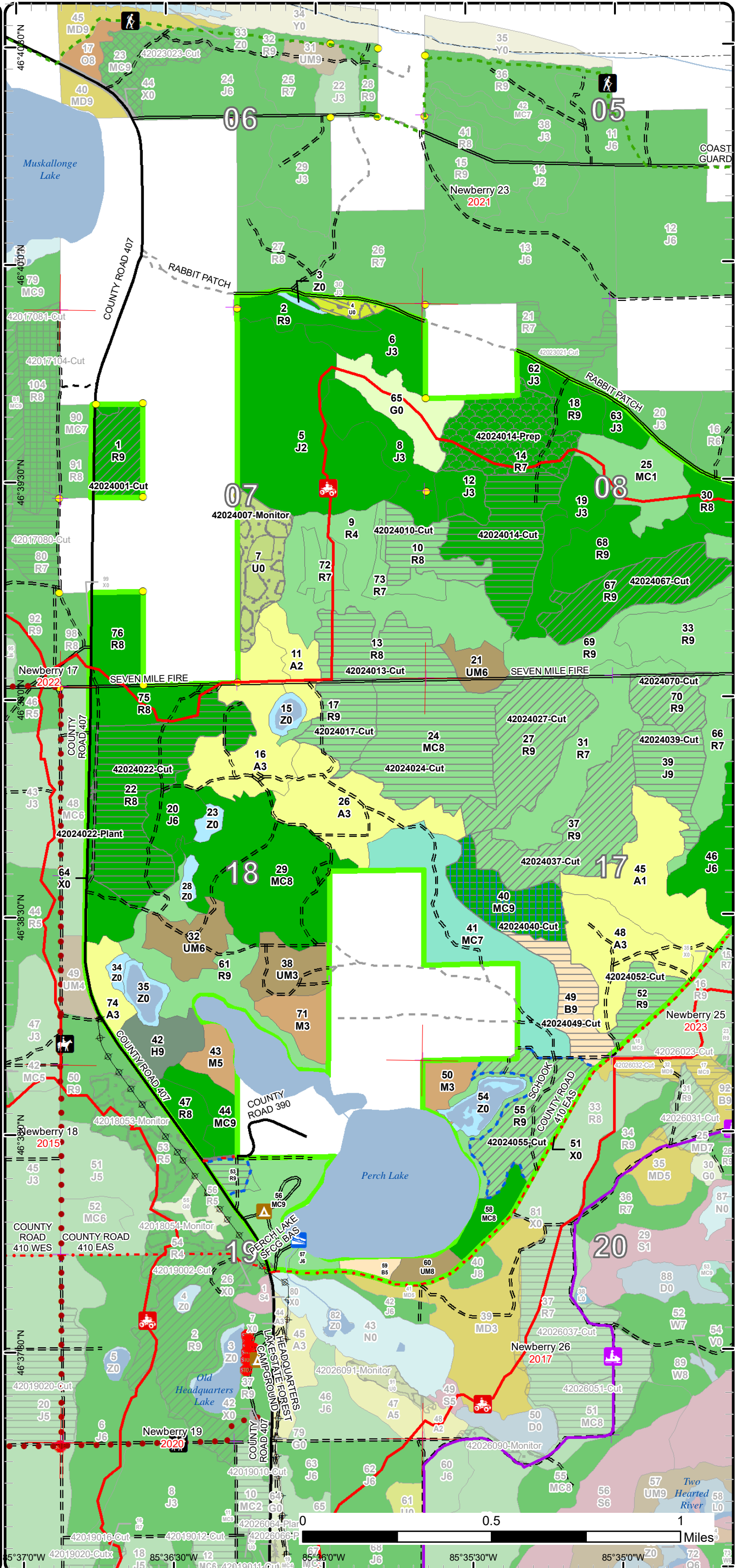
46°37'0"N 85°36'30"W 85°36'0"W 85°35'30"W 85°35'0"W 85°34'30"W

Cover Type & Treatments Map

Compartment: 24
 T49N, R10W, Sec. 6-8, 17-20
 County: Luce
 Unit: Newberry
 Mgmt Area: Deer Park
 YOE: 2022
 Acres: 1937.3 GIS Calculated
 Examiner: Amy Douglass
 Map Revised: 1/25/2021
 Map Phase: Post-Review



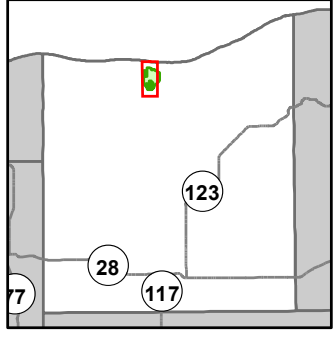
- Miris Corners
- Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- Federal / State - Dirt / Gravel Road
- County - Gravel Road
- Private - Dirt / Gravel Road
- Hiking Trails
- Horse Trails
- ORV Trails
- Snowmobile Trails
- Designated Hiking Trails
- Designated Equestrian Trails
- Designated ATV
- Designated Snowmobile Trails
- Island in Lake or River
- Lake/Pond
- Perennial River
- Shoreline
- Lakes and Rivers
- Boating Access Site
- Campground
- Sign
- Powerline
- Compartment Boundary
- Treatments with Site Conditions
- Planting (tree species)
- Clearcut (w/Reserves)
- Seed Tree (w/Reserves)
- Thinning (Crown, Low, Systematic)
- Regeneration Survey
- Site Prep
- 411 - Northern Hardwood
- 413 - Aspen
- 414 - Other Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 122 - Roads/Parking Lot
- 310 - Herbaceous Openland
- 320 - Upland Shrub
- 330 - Low Density Trees
- 500 - Water



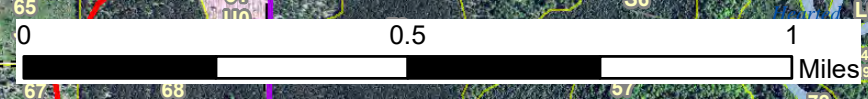
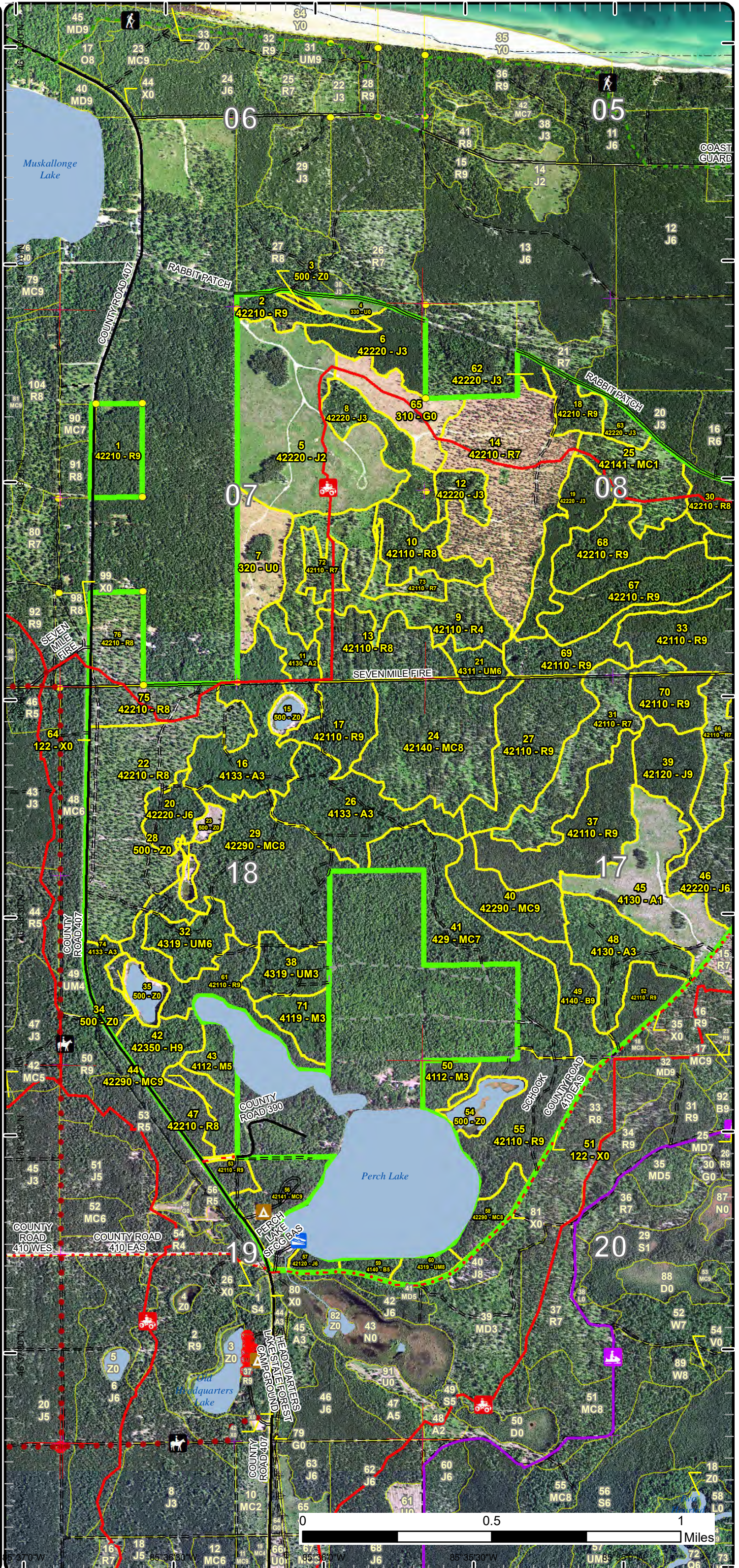
85°37'0"W 85°36'30"W 85°36'0"W 85°35'30"W 85°35'0"W

Stand Boundary Map

Compartment: 24
 T49N, R10W, Sec. 6-8, 17-20
 County: Luce
 Unit: Newberry
 Mgmt Area: Deer Park
 YOE: 2022
 Acres: 1937.3 GIS Calculated
 Examiner: Amy Douglass
 Map Revised: 1/25/2021
 Map Phase: Post-Review

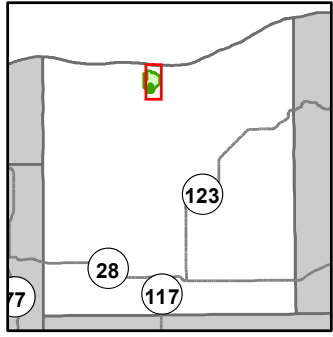


- Miris Corners
- Remonumented Section Corners
- Survey Grade Corners
- Counties
- == DNR - Secondary Forest Road
- == DNR - Forest Access Route
- == Federal / State / County - Paved Road
- Federal / State - Dirt / Gravel Road
- - - County - Gravel Road
- - - Private - Dirt / Gravel Road
- 👤 Hiking Trails
- 🐎 Horse Trails
- 🛵 ORV Trails
- 🏠 Snowmobile Trails
- Designated Hiking Trails
- Designated Equestrian Trails
- Designated ATV
- Designated Snowmobile Trails
- Island in Lake or River
- Lake/Pond
- Perennial River
- Shoreline
- Lakes and Rivers
- 🚤 Boating Access Site
- 🏕 Campground
- 🛑 Sign
- ⚡ Powerline
- Compartment Boundary
- Stand Boundaries
- 411 - Northern Hardwood
- 413 - Aspen
- 414 - Other Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 122 - Roads/Parking Lot
- 310 - Herbaceous Openland
- 320 - Upland Shrub
- 330 - Low Density Trees
- 500 - Water

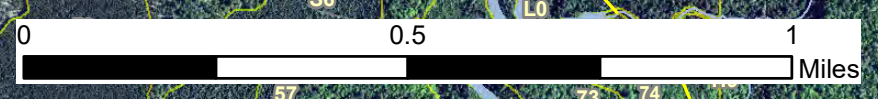
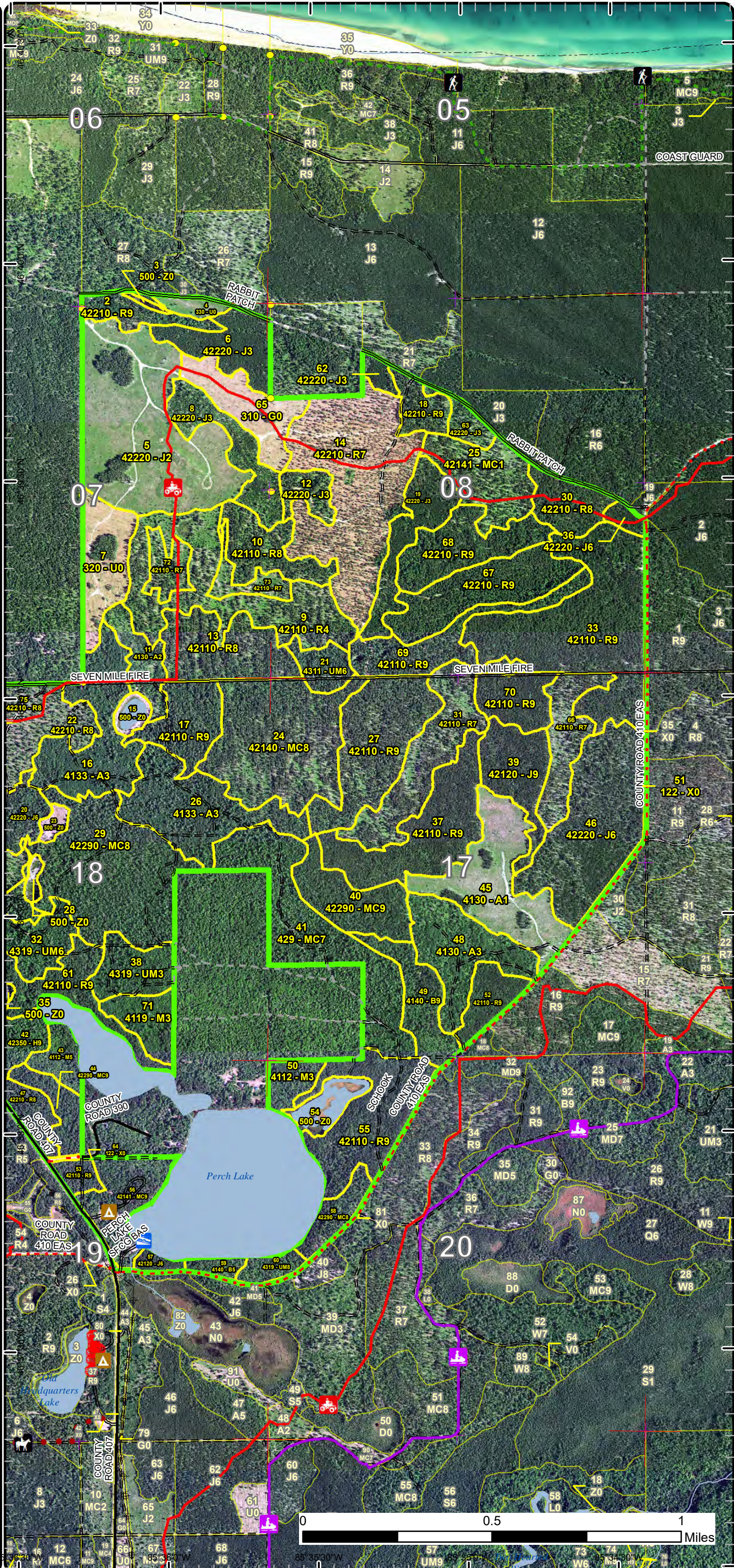


Stand Boundary Map

Compartment: 24
 T49N, R10W, Sec. 6-8, 17-20
 County: Luce
 Unit: Newberry
 Mgmt Area: Deer Park
 YOE: 2022
 Acres: 1937.3 GIS Calculated
 Examiner: Amy Douglass
 Map Revised: 1/25/2021
 Map Phase: Post-Review

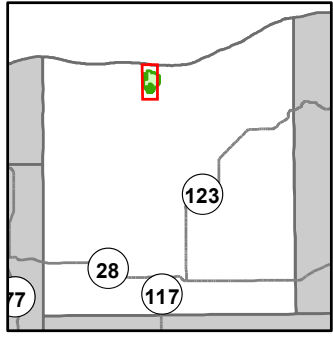


- Miris Corners
- Remonumented Section Corners
- Survey Grade Corners
- Counties
- == DNR - Secondary Forest Road
- == DNR - Forest Access Route
- == Federal / State / County - Paved Road
- Federal / State - Dirt / Gravel Road
- County - Gravel Road
- Private - Dirt / Gravel Road
- 🚶 Hiking Trails
- 🐎 Horse Trails
- 🛵 ORV Trails
- 🏠 Snowmobile Trails
- Designated Hiking Trails
- Designated Equestrian Trails
- Designated ATV
- Designated Snowmobile Trails
- Island in Lake or River
- Lake/Pond
- Perennial River
- Shoreline
- Lakes and Rivers
- 🚤 Boating Access Site
- 🏕 Campground
- 🛑 Sign
- ⚡ Powerline
- Compartment Boundary
- Stand Boundaries
- 411 - Northern Hardwood
- 413 - Aspen
- 414 - Other Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 122 - Roads/Parking Lot
- 310 - Herbaceous Openland
- 320 - Upland Shrub
- 330 - Low Density Trees
- 500 - Water

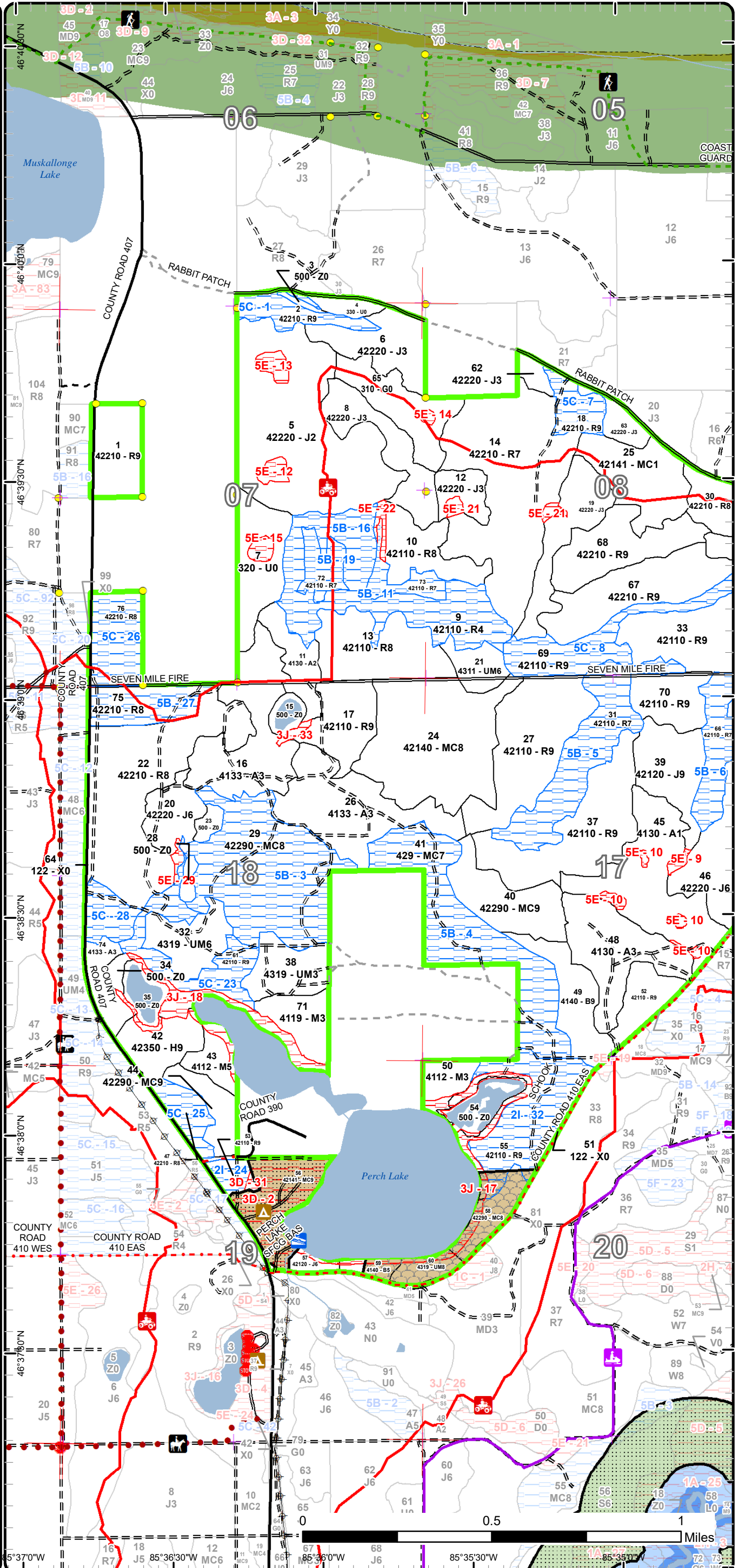


Special Conservation Areas

Compartment: 24
 T49N, R10W, Sec. 6-8, 17-20
 County: Luce
 Unit: Newberry
 Mgmt Area: Deer Park
 YOE: 2022
 Acres: 1937.3 GIS Calculated
 Examiner: Amy Douglass
 Map Revised: 1/25/2021
 Map Phase: Post-Review



- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- Federal / State - Dirt / Gravel Road
- County - Gravel Road
- Private - Dirt / Gravel Road
- ⚡ Hiking Trails
- 🐎 Horse Trails
- 🛵 ORV Trails
- 🚙 Snowmobile Trails
- Designated Hiking Trails
- Designated Equestrian Trails
- Designated ATV
- Designated Snowmobile Trails
- Island in Lake or River
- Lake/Pond
- Perennial River
- Shoreline
- Lakes and Rivers
- Boating Access Site
- ▲ Campground
- ⊠ Sign
- ⚡ Powerline
- Compartment Boundary
- Available w/ Constraints
- Unavailable
- 2I: Survey needed
- 5B: Maintain for regeneration purposes
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- 3D: Recreational / Scenic values
- 3J: Water quality / BMPs (stream, river, or lake)
- 5E: Long-Term Retention
- Stand Boundaries
- SCA
- SCA Removal
- Natural Rivers Vegetative Buffer
- Natural Rivers Zoning District
- Critical Coastal Habitat (Piping Plover)
- Cold Water Streams
- Cold Water Lakes
- Non-Dedicated Natural Areas and National Natural Landmarks
- State Forest Campground
- Recreational/Scenic Value Area

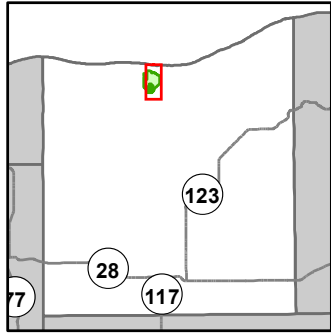


COAST GUARD

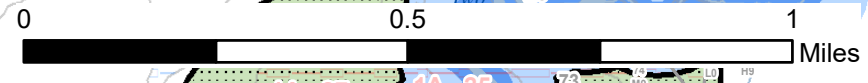
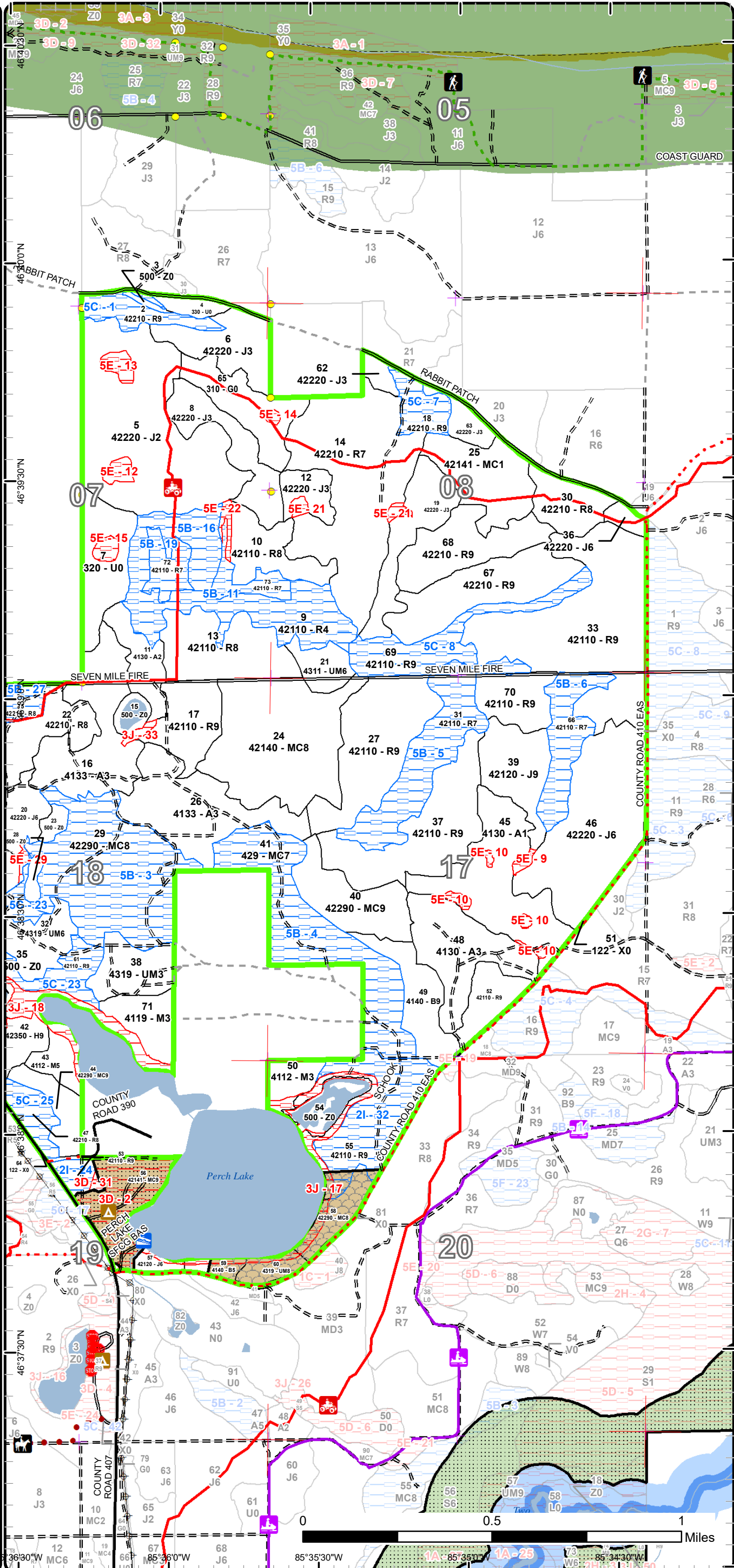
Miles

Special Conservation Areas

Compartment: 24
 T49N, R10W, Sec. 6-8, 17-20
 County: Luce
 Unit: Newberry
 Mgmt Area: Deer Park
 YOE: 2022
 Acres: 1937.3 GIS Calculated
 Examiner: Amy Douglass
 Map Revised: 1/25/2021
 Map Phase: Post-Review



- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- Federal / State - Dirt / Gravel Road
- County - Gravel Road
- Private - Dirt / Gravel Road
- 🚶 Hiking Trails
- 🐎 Horse Trails
- 🛵 ORV Trails
- 🚙 Snowmobile Trails
- Designated Hiking Trails
- Designated Equestrian Trails
- Designated ATV
- Designated Snowmobile Trails
- Island in Lake or River
- Lake/Pond
- Perennial River
- Shoreline
- Lakes and Rivers
- Boating Access Site
- ▲ Campground
- ⊠ Sign
- ⊕ Powerline
- Compartment Boundary
- Available w/ Constraints
- Unavailable
- 2I: Survey needed
- 5B: Maintain for regeneration purposes
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- 3D: Recreational / Scenic values
- 3J: Water quality / BMPs (stream, river, or lake)
- 5E: Long-Term Retention
- Stand Boundaries
- SCA
- SCA Removal
- Natural Rivers Vegetative Buffer
- Natural Rivers Zoning District
- Critical Coastal Habitat (Piping Plover)
- Cold Water Streams
- Cold Water Lakes
- Non-Dedicated Natural Areas and National Natural Landmarks
- State Forest Campground
- Recreational/Scenic Value Area



36°30'W 85°36'0"W 85°35'30"W 85°34'30"W

Report 1 – Total Acres by Cover Type and Age Class

Newberry Mgt. Unit

Compartment 24

Year of Entry 2022

Amy Douglass : Examiner



Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Uneven-Aged	Total
Aspen	0	49	0	92	57	0	0	0	0	0	0	0	0	0	0	0	0	0	198
Hemlock	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0	17
Herbaceous Openland	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25
Jack Pine	0	96	0	41	121	14	4	0	0	25	0	0	0	0	0	0	0	0	301
Low-Density Trees	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Natural Mixed Pines	0	0	0	0	0	0	0	0	0	12	12	27	74	0	0	0	0	0	125
Northern Hardwood	0	0	0	0	25	0	0	0	0	0	11	0	0	0	0	0	0	0	36
Paper Birch	0	0	0	0	0	0	5	22	0	0	0	0	0	0	0	0	0	0	27
Planted Mixed Pines	0	0	29	0	0	0	0	0	0	69	0	26	0	0	0	0	0	0	124
Red Pine	0	0	0	0	0	0	0	0	231	414	68	179	0	0	0	0	0	0	892
Upland Conifers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	59	0	0	59
Upland Mixed Forest	0	0	0	29	18	0	0	0	0	7	0	0	0	0	0	0	0	0	54
Upland Shrub	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26
Urban	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13
Water	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34
Total	103	145	29	162	221	14	9	22	231	527	91	232	74	0	0	76	0	0	1936



Report 2 – Treatment Summary

Newberry Mgt. Unit

Year of Entry: 2022

Acres of Harvest

Compartment 24

Total Compartment Acres: 1,937

Commercial Harvest - 509
 Harvests with Site Condition - 42
 Next Step Harvest - 0
 Habitat Cut - 0

Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overstory Removal	Salvage	Other	Total Acres
Jack Pine	24	0	0	0	0	0	0	0	0	24
Natural Mixed Pines	0	0	0	27	0	0	0	0	0	27
Paper Birch	22	0	0	0	0	0	0	0	0	22
Planted Mixed Pines	69	0	0	0	0	0	0	0	0	69
Red Pine	205	0	0	0	0	205	0	0	0	410
Total	319	0	0	27	0	205	0	0	0	551

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	551	42	5	0	0	0	26	0	0	624
Next Step	0	622	297	0	0	571	720	0	0	2211
Total	551	664	302	0	0	571	746	0	0	2834



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
-----------------------	-------------------	-------	--------------------	-----------------	--------------	-------------	-------------------	---------------------	-------------------------	------------------	----------------

Approved Treatments:

1	42024001-Cut	19.5	42210 - Natural Red Pine	Sawtimber Well	95	111- 140	Harvest	Crown Thinning	42210 - Natural Red Pine	Even-Aged	No
<p><u>Prescription</u> Remove merchantable jack pine and mark red and white pine. Target BA = 90-100. <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2021</p>											
4	42024004-Monitor	4.1	330 - Low-Density Trees	Nonstocked		Unspec ified	Monitoring	Artificial Regen(1yr)	42120 - Planted Jack Pine	Even-Aged	No
<p><u>Prescription</u> Check for adequate regeneration following planting. <u>Specs:</u> <u>Next Step</u> ; Monitoring, Artificial Regen(3yr) <u>Treatments:</u> <u>Acceptable</u> jack pine <u>Regen:</u> <u>Other</u> Percent to Treat = 100% <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2020</p>											
7	42024007-Monitor	21.8	320 - Upland Shrub	Nonstocked	0	Unspec ified	Monitoring	Artificial Regen(1yr)	42120 - Planted Jack Pine	Even-Aged	No
<p><u>Prescription</u> Check for adequate regeneration following planting. <u>Specs:</u> <u>Next Step</u> ; Monitoring, Artificial Regen(3yr) <u>Treatments:</u> <u>Acceptable</u> Acceptable regeneration includes jack pine and a small component of red pine. <u>Regen:</u> <u>Other</u> Percent to Treat = 100% <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2020</p>											

S
t
a
n
d

Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
10 42024010-Cut	20.4	42110 - Planted Red Pine	Sawtimber Medium	80	81-110	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	No
<u>Prescription</u> Cut all trees, leaving retention as shown by treatment shape.										
<u>Specs:</u>										
<u>Next Step</u> SitePrep, Trenching; Pesticide, Aerial - Site Prep; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Monitoring, Artificial										
<u>Treatments:</u> Regen(3yr); Pesticide, Aerial - Release; SitePrep, Roller Chopping										
<u>Acceptable</u> Red pine										
<u>Regen:</u>										
<u>Other</u> Follow up after harvest with roller chop (if needed), trench/spray/plant to red pine.										
<u>Comment:</u>										
<u>Site Condition</u>										
<u>Proposed Start Date:</u> 10/1 /2021										
13 42024013-Cut	34.0	42110 - Planted Red Pine	Sawtimber Medium	80	111-140	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	No
<u>Prescription</u> Cut all trees, leaving pocket retention on edge.										
<u>Specs:</u>										
<u>Next Step</u> SitePrep, Trenching; Pesticide, Aerial - Site Prep; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Monitoring, Artificial										
<u>Treatments:</u> Regen(3yr); Pesticide, Aerial - Release; SitePrep, Roller Chopping										
<u>Acceptable</u> Red pine										
<u>Regen:</u>										
<u>Other</u> Protect ORV trail in all activities.										
<u>Comment:</u> Follow up after harvest with roller chop (if needed), trench/spray/plant to red pine.										
<u>Site Condition</u>										
<u>Proposed Start Date:</u> 10/1 /2021										
14 42024014-Cut	43.1	42210 - Natural Red Pine	Sawtimber Poor	79	1-50	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	No
<u>Prescription</u> Harvest all trees, leaving pocket retention as shown by treatment shape. Leave oak, where feasible (edges or small patches) so as not to										
<u>Specs:</u> interfere with potential spraying activities.										
<u>Next Step</u> SitePrep, Trenching; Pesticide, Aerial - Site Prep; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Monitoring, Artificial										
<u>Treatments:</u> Regen(3yr); Pesticide, Aerial - Release; SitePrep, Roller Chopping										
<u>Acceptable</u> Red pine										
<u>Regen:</u>										
<u>Other</u> Follow up after harvest with roller chop (if needed), trench/spray/plant to red pine.										
<u>Comment:</u>										
<u>Site Condition</u>										
<u>Proposed Start Date:</u> 10/1 /2021										
14 42024014-Prep	41.7	42210 - Natural Red Pine	Sawtimber Poor	79	1-50	SitePrep	Roller Chopping	42210 - Natural Red Pine	Even-Aged	No
<u>Prescription</u> Roller chop area to discourage advanced regeneration prior to cutting next YOE. Navigate around residual trees.										
<u>Specs:</u>										
<u>Next Step</u> Monitoring, Other - Specify										
<u>Treatments:</u>										
<u>Acceptable</u> Red pine.										
<u>Regen:</u>										
<u>Other</u> This should be roller chopped when adjacent stand 14 to the south is roller chopped.										
<u>Comment:</u> Start date may change due to timing of treatment activities to the south. ORV trail runs through the stand.										
<u>Site Condition</u>										
<u>Proposed Start Date:</u> 10/1 /2027										



S
t
a
n
d

Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
----------------	-------	-----------------	--------------	-----------	----------	----------------	------------------	----------------------	---------------	-------------

17	42024017-Cut	21.2	42110 - Planted Red Pine	Sawtimber Well	80	81-110	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	No
----	--------------	------	--------------------------	----------------	----	--------	---------	-------------------------	-------------------------	-----------	----

Prescription Cut all trees, leaving pocket retention along edges/fingers.

Specs:

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

Acceptable Red pine

Regen:

Other Follow up after harvest with roller chop (if needed), trench/spray/plant to red pine.

Comment:

Site Condition

Proposed Start Date: 10/1 /2021

22	42024022-Cut	67.8	42210 - Natural Red Pine	Sawtimber Medium	103	51-80	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	No
----	--------------	------	--------------------------	------------------	-----	-------	---------	-------------------------	-------------------------	-----------	----

Prescription Cut all trees, leaving retention on edges/fingers. One area is shown by treatment shape, but other(s) will need to be determined during sale set-up.

Specs:

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

Acceptable Red pine

Regen:

Other Follow up after harvest with roller chop (if needed), trench/spray/plant to red pine. Treatment area may vary due to line work against advanced aspen regeneration to the north.

Comment:

Site Condition

Proposed Start Date: 10/1 /2021

22	42024022-Plant	4.7	42210 - Natural Red Pine	Sawtimber Medium	103	51-80	Planting	Interplant	4211 - Planted Red Pine	Even-Aged	No
----	----------------	-----	--------------------------	------------------	-----	-------	----------	------------	-------------------------	-----------	----

Prescription Flat plant to red pine in areas of inadequate advanced regeneration.

Specs:

Next Step Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr)

Treatments:

Acceptable Red pine

Regen:

Other Residual red pine will remain for visuals along the road.

Comment: Start date may change due to timing of plantings nearby.

Site Condition

Proposed Start Date: 10/1 /2021

24	42024024-Cut	68.8	42140 - Planted Mixed Pine	Sawtimber Medium	80	51-80	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	No
----	--------------	------	----------------------------	------------------	----	-------	---------	-------------------------	-------------------------	-----------	----

Prescription Cut all trees, leaving pocket retention along edges/fingers.

Specs:

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

Acceptable Red pine.

Regen:

Other Follow up after harvest with roller chop (if needed), trench/spray/plant to red pine.

Comment:

Site Condition

Proposed Start Date: 10/1 /2021



S
t
a
n
d

Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
----------------	-------	-----------------	--------------	-----------	----------	----------------	------------------	----------------------	---------------	-------------

27	42024027-Cut	46.9	42110 - Planted Red Pine	Sawtimber Well	80	111- 140	Harvest	Crown Thinning	4211 - Planted Red Pine	Even-Aged	No
----	--------------	------	-----------------------------	-------------------	----	-------------	---------	----------------	----------------------------	-----------	----

Prescription Mark red and white pine down to 90-110 BA. Leave some deciduous (aspen/wb) in the canopy for diversity and soft mast.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2021

37	42024037-Cut	46.8	42110 - Planted Red Pine	Sawtimber Well	80	111- 140	Harvest	Low Thinning	4211 - Planted Red Pine	Even-Aged	No
----	--------------	------	-----------------------------	-------------------	----	-------------	---------	--------------	----------------------------	-----------	----

Prescription Remove merchantable jack pine. Mark remaining trees, leaving some deciduous (aspen/wb) in the canopy for diversity and soft mast. Target

Specs: BA = 80-100, but may be lower in areas heavier to jack pine.

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2021

39	42024039-Cut	24.0	42120 - Planted Jack Pine	Sawtimber Well	80	111- 140	Harvest	Clearcut with Retention	4212 - Planted Jack Pine	Even-Aged	No
----	--------------	------	------------------------------	-------------------	----	-------------	---------	----------------------------	-----------------------------	-----------	----

Prescription Remove all trees, except oak if found. Patch retention to be located in southern finger, as noted in treatment line. Leave some mature pine in the red line. Try to leave some larger aspen, birch, maple and oak where feasible. Placement may depend on potential spraying activities.

Specs:

Next Step SitePrep, Trenching; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr); Pesticide, Aerial - Site

Treatments: Prep; SitePrep, Roller Chopping

Acceptable Jack pine with red pine, white pine and aspen.

Regen:

Other

Follow up after harvest with roller chop (if needed), trench/spray/plant to jack pine.

Comment:

Site Condition

Proposed Start Date: 10/1 /2021

40	42024040-Cut	27.1	42290 - Natural Mixed Pine	Sawtimber Well	103	111- 140	Harvest	Seed Tree with Retention	429 - Mixed Upland Conifers	Even-Aged	No
----	--------------	------	-------------------------------	-------------------	-----	-------------	---------	-----------------------------	--------------------------------	-----------	----

Prescription Mark red pine and white pine for seed. Remove jack pine, aspen, maple, birch. Leave any hemlock or oak, if present. Target BA = 10-30.

Specs: Leave a component of aspen/birch, preferably within the retention pocket(s).

Next Step SitePrep, Scarification; Monitoring, Natural Regen (Intermediate)

Treatments:

Acceptable red pine, white pine, jack pine, aspen, maple, birch, hemlock

Regen:

Other

Follow up after harvest with scarification.

Comment:

Site Condition

Proposed Start Date: 10/1 /2021

S
t
a
n
d

Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
49 42024049-Cut	21.5	4140 - Other Upland Deciduous	Sawtimber Well	60	1-50	Harvest	Clearcut with Retention	4199 - Other Mixed Upland Deciduous	Even-Aged	No
<p><u>Prescription</u> Cut all trees, leaving pocket retention in areas of high diversity and/or areas too steep for harvest. Leave some mature aspen or birch in the red line. Leave oak, if present.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Aspen, birch, red pine, white pine, jack pine, maple</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2021</p>										
52 42024052-Cut	13.2	42110 - Planted Red Pine	Sawtimber Well	81	111-140	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	No
<p><u>Prescription</u> Harvest all trees, leaving a retention pocket on the edge along stand 48. Leave some oak, where feasible - best to incorporate into edge retention or small pocket that can be worked around by potential spraying activities.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> SitePrep, Trenching; Pesticide, Aerial - Site Prep; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Monitoring, Artificial</p> <p><u>Treatments:</u> Regen(3yr); Pesticide, Aerial - Release; SitePrep, Roller Chopping</p> <p><u>Acceptable</u> Red pine</p> <p><u>Regen:</u></p> <p><u>Other</u> Follow up after harvest with trench/spray/plant to red pine.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2021</p>										
53 42024053-Cut	4.9	42110 - Planted Red Pine	Sawtimber Well	104	81-110	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	No
<p><u>Prescription</u> Cut all trees, except for oak.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> SitePrep, Trenching; Pesticide, Skidder - Site Prep; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Monitoring, Artificial</p> <p><u>Treatments:</u> Regen(3yr); Pesticide, Skidder - Release; SitePrep, Roller Chopping</p> <p><u>Acceptable</u> Red pine.</p> <p><u>Regen:</u></p> <p><u>Other</u> Follow up after harvest with roller chop (if needed), trench/spray/plant to red pine. Treatment size may vary on the east side due to proximity to campground.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u> Survey Needed</p> <p><u>Proposed Start Date:</u> 10/1 /2021</p>										
55 42024055-Cut	37.6	42110 - Planted Red Pine	Sawtimber Well	80	111-140	Harvest	Crown Thinning	4211 - Planted Red Pine	Even-Aged	No
<p><u>Prescription</u> Remove merchantable jack pine. Leave all oak. Mark remaining species, leavings some aspen/birch for soft mast. Some aspen clones can be clearcut within the stand.</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u></p> <p><u>Regen:</u></p> <p><u>Other</u> Schook Road accesses private camps on the north end of Perch Lake. Be aware of visuals from the campground/private dwellings across the lake.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u> Survey Needed</p> <p><u>Proposed Start Date:</u> 10/1 /2021</p>										



S
t
a
n
d

Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
67 42024067-Cut	37.5	42210 - Natural Red Pine	Sawtimber Well	108	111-140	Harvest	Crown Thinning	42210 - Natural Red Pine	Even-Aged	No
<p><u>Prescription</u> Mark red and white pine. Target BA = 90-100. Leave some deciduous (aspen/wb) in the canopy for diversity and soft mast.</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u></p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2021</p>										
70 42024070-Cut	17.1	42110 - Planted Red Pine	Sawtimber Well	80	111-140	Harvest	Low Thinning	4211 - Planted Red Pine	Even-Aged	No
<p><u>Prescription</u> Remove merchantable jack pine. Mark red and white pine where needed. Target BA = 80-100, but may be lower in some areas heavier to jack pine. Leave some deciduous (aspen/wb) in the canopy for diversity and soft mast.</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u></p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2021</p>										

Total Treatment 623.7
Acreage Proposed:

Report 4 – Site Conditions

Newberry Mgt. Unit
Amy Douglass : Examiner

Compartment: 24
Year of Entry: 2022



Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	Dominant Site Conditions					
		With Condition	Not Available		2I	5B	5C	3D	3J	5E
198	194	0	3	Aspen					1	3
17	16	0	1	Hemlock					1	
25	24	0	1	Herbaceous Openland						1
301	293	0	8	Jack Pine					1	7
5	5	0	0	Low-Density Trees						
125	48	74	3	Natural Mixed Pines		74			3	
35	31	0	5	Northern Hardwood					5	
26	24	0	2	Paper Birch					2	
124	98	0	26	Planted Mixed Pines				26		
894	548	319	27	Red Pine	42	160	117	1	21	6
59	0	59	0	Upland Conifers		59				
54	53	0	2	Upland Mixed Forest					2	
26	24	0	2	Upland Shrub						2
13	13	0	1	Urban				1		
34	32	0	2	Water					2	
1,937	1,403	452	82	Total Forested Acres	42	292	117	27	36	19
	72%	23%	4%	Relative Percent						

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

Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	13	Unspecified	Unspecified	Unspecified	Unspecified
Comments: There may be some areas too steep and some areas prone to holding water for long periods of time.							
2	Unavailable	3D: Recreational / Scenic values	26	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Newberry Mgt. Unit
Amy Douglass : Examiner

Compartment: 24
Year of Entry: 2022



3	Available	5B: Maintain for regeneration purposes	74	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
4	Available	5B: Maintain for regeneration purposes	59	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Available	5B: Maintain for regeneration purposes	41	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Available	5B: Maintain for regeneration purposes	23	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
8	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	27	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Newberry Mgt. Unit
Amy Douglass : Examiner

Compartment: 24
Year of Entry: 2022



9	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Retention for stand 39							
10	Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Pocket retention for stand 45 (Four Pocket Jack Pine sale)							
11	Available	5B: Maintain for regeneration purposes	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
12	Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
13	Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
14	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
15	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Newberry Mgt. Unit
Amy Douglass : Examiner

Compartment: 24
Year of Entry: 2022



16	Available	5B: Maintain for regeneration purposes	58	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
17	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	18	3D: Recreational / Scenic values	Unspecified	Unspecified	Unspecified
Comments:							
18	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	17	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
Comments:							
19	Available	5B: Maintain for regeneration purposes	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
21	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Retention for stand 14							
22	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Retention for stand 10 (to the east)							
23	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	23	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Newberry Mgt. Unit
Amy Douglass : Examiner

Compartment: 24
Year of Entry: 2022



24	Available	2I: Survey needed	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
25	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
26	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	22	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
27	Available	5B: Maintain for regeneration purposes	19	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
28	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
29	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Newberry Mgt. Unit
Amy Douglass : Examiner

Compartment: 24
Year of Entry: 2022



31	Unavailable	3D: Recreational / Scenic values	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
32	Available	2I: Survey needed	37	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
33	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	1	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
Comments:							



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
Perch Lake Campground	Concentrated Recreation Area	State Forest Campground	SCA Removal	27
Comments This is the incorrect position for the campground.				
Perch Lake State Forest Campground	Concentrated Recreation Area	State Forest Campground	Error	26
Comments				



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.

ERA = Ecological Reference Area
 HCVA = High Conservation Value Area
 SCA = Special Conservation Area

Conservation Area	Type	Description
SCA	Cold Water Lake	A coldwater lake has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species to persist from year to year. Suitable conditions for coldwater fishes may occur in Michigan lakes if they are relatively deep, have substantial groundwater inflows, or are located in colder (northern) areas of the state. Such lakes are established by Director's action and designated as trout resources by Fisheries Order 200.
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species (e.g., slimy sculpin) to persist from year to year. Coldwater streams in Michigan typically provide these conditions due to substantial contributions of groundwater to their stream flows. Such streams are established by Director's action and designated as trout resources by Fisheries Order 210.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																											
1	42210 - Natural Red Pine	Sawtimber Well	20.5	95	111-140	N/A	2010: On the northern border of the stand there is a depression that may have some seasonal flooding. The stand has been thinned before. There are snags throughout the entire stand. It is surrounded by private property on three sides. 2020: Smaller diameters than other stands in the area.																																											
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>5</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>90</td> <td>Log/Pole</td> <td>12</td> <td>95</td> </tr> <tr> <td>Jack Pine</td> <td>5</td> <td>Pole</td> <td>6</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	White Pine	5	Log/Pole	10		Red Pine	90	Log/Pole	12	95	Jack Pine	5	Pole	6		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Paper Birch</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Black Spruce</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Red Pine</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Paper Birch	Low	10 - 20 feet	Sapling	Black Spruce	Low	5 - 10 feet	Sapling	White Pine	Medium	Variable	Sapling	Red Pine	Low	10 - 20 feet	Sapling							
Canopy Species	% Cover	Size Class	DBH	Age																																														
White Pine	5	Log/Pole	10																																															
Red Pine	90	Log/Pole	12	95																																														
Jack Pine	5	Pole	6																																															
Sub-Canopy Species	Density	Avg. Height	Size																																															
Paper Birch	Low	10 - 20 feet	Sapling																																															
Black Spruce	Low	5 - 10 feet	Sapling																																															
White Pine	Medium	Variable	Sapling																																															
Red Pine	Low	10 - 20 feet	Sapling																																															
2	42210 - Natural Red Pine	Sawtimber Well	12.9	95	111-140	N/A	2020: majority is predominately on a steep hillside. Wet along Rabbit Patch Road. (2009) East end of the stand is more open in the canopy. There is a ridge that separates stand 3 and 4. On the edge of stand 4 there is a small jack pine area. Possibly thinned before. North side of stand is bordered by Rabbit Patch Road and bordered by private property on two sides. There is a good variety of size class present and there is a good amount of species diversity. There are some pockets of sapling sized jack pine scattered throughout the stand. The east end of the stand may be affected by seasonal flooding and causing poor volume production of present species (jack pine/red pine). Big Tooth Aspen, White Birch, and Red Maple are present in the canopy but not enough to account for a total percentage. (2/24/16) A portion of this stand was harvested with sale #420031201. TCR 1/4/16																																											
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>10</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>85</td> <td>Log/Pole</td> <td>13</td> <td>95</td> </tr> <tr> <td>Jack Pine</td> <td>5</td> <td>Pole</td> <td>8</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	White Pine	10	Pole	8		Red Pine	85	Log/Pole	13	95	Jack Pine	5	Pole	8		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Medium</td> <td>< 5 feet</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>White Spruce</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Red Pine</td> <td>Low</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Medium	< 5 feet	Sapling	Balsam Fir	Low	5 - 10 feet	Sapling	White Spruce	Medium	Variable	Sapling	Red Pine	Low	>20 feet	Sapling	White Pine	Low	Variable	Sapling			
Canopy Species	% Cover	Size Class	DBH	Age																																														
White Pine	10	Pole	8																																															
Red Pine	85	Log/Pole	13	95																																														
Jack Pine	5	Pole	8																																															
Sub-Canopy Species	Density	Avg. Height	Size																																															
Red Maple	Medium	< 5 feet	Sapling																																															
Balsam Fir	Low	5 - 10 feet	Sapling																																															
White Spruce	Medium	Variable	Sapling																																															
Red Pine	Low	>20 feet	Sapling																																															
White Pine	Low	Variable	Sapling																																															
3	500 - Water	Nonstocked	1.1		Unspecified	No	Low area that floods periodically.																																											
4	330 - Low-Density Trees	Nonstocked	5.3		Unspecified	4212 - Planted Jack Pine	2020: low, wet spot running through stand. advanced regen that was in this low wet spot all died due to flooding in 2019. Planted in spring 2020 at 841 tpa. Ave trees/acre = 821.5. 10/2019: trenched in summer of 2019. Regen Check 2018- Failed. Trench, Replant to JP. There is a survey corner in this stand. Regen 2016: Average TPA for all stands in Ben's Last Stand Pine Sale. 126 TPA of jack pine, 207 TPA of red oak, 108 TPA of white pine, and 351 TPA of red maple. 0 residual BA. Regen survey summer 2017: Jack Pine 1141 Trees/acre. Black cherry 76 Trees/acre.																																											
		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Jack Pine</td> <td>Low</td> <td>< 5 feet</td> <td>Seeding</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Jack Pine	Low	< 5 feet	Seeding																																							
Sub-Canopy Species	Density	Avg. Height	Size																																															
Jack Pine	Low	< 5 feet	Seeding																																															
5	42220 - Natural Jack Pine	Sapling Medium	95.8	6	Immature	N/A	ATV trail runs through the stand. (2/24/16) Sale #420031201 Jack Pine-A-Saurus. TCR 1/4/16. Scarified under FTP C42-796 in fall 2014. Regen check summer 2017. Jack Pine: 644 trees/acre, Red Maple: 265 trees/acre, Black Cherry: 10 trees/acre, Red Pine: 10 trees/acre, Big-toothed Aspen: 40 trees/acre. 2020: JP ~3-6' tall. Fully stocked.																																											
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Jack Pine</td> <td>92</td> <td>Sapling</td> <td>1</td> <td>6</td> </tr> <tr> <td>Quaking Aspen</td> <td>1</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>2</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>5</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Jack Pine	92	Sapling	1	6	Quaking Aspen	1	Sapling	1		Red Maple	2	Sapling	1		Red Pine	5	Log/Pole	12																									
Canopy Species	% Cover	Size Class	DBH	Age																																														
Jack Pine	92	Sapling	1	6																																														
Quaking Aspen	1	Sapling	1																																															
Red Maple	2	Sapling	1																																															
Red Pine	5	Log/Pole	12																																															



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																							
6	42220 - Natural Jack Pine	Sapling Well	23.1	37	Unspecified	N/A	2020: growing in to pole size but not there yet. Sale: 10-82 Cut in the Fall of 1983. All jack pine, birch and marked red pine were removed. FTP: 42-146 Completed in June 1984																																							
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>10</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>90</td> <td>Sapling</td> <td>3</td> <td>37</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Pine	10	Log	14		Jack Pine	90	Sapling	3	37																														
Canopy Species	% Cover	Size Class	DBH	Age																																										
Red Pine	10	Log	14																																											
Jack Pine	90	Sapling	3	37																																										
7	320 - Upland Shrub	Nonstocked	25.9	0	Unspecified	4212 - Planted Jack Pine	2/24/2016: 420031201 Jack Pine-A-Saurus Scarified summer 2016. Regen check summer 2017. Jack Pine: 27 trees/acre, Big-toothed Aspen: 274 trees/acre, Red Maple: 246 trees/acre. 10/2019: Trenched in summer of 2019. 2020: planted in spring of 2020 at 978 tpa. Ave trees/acre = 965.																																							
<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Jack Pine</td> <td>Low</td> <td>< 5 feet</td> <td>Seeding</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Jack Pine	Low	< 5 feet	Seeding																																					
Sub-Canopy Species	Density	Avg. Height	Size																																											
Jack Pine	Low	< 5 feet	Seeding																																											
8	42220 - Natural Jack Pine	Sapling Well	24.0	22	Immature	N/A	Nice jack pine regen. Sale: 33-92, cut during the Fall/Winter of 1996/1997 FTP: 42-412, scarified spring 1998																																							
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>5</td> <td>Log</td> <td>12</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>95</td> <td>Sapling</td> <td>3</td> <td>22</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Pine	5	Log	12		Jack Pine	95	Sapling	3	22																														
Canopy Species	% Cover	Size Class	DBH	Age																																										
Red Pine	5	Log	12																																											
Jack Pine	95	Sapling	3	22																																										
9	42110 - Planted Red Pine	Poletimber Poor	58.2	80	1-50	N/A	ATV trail runs through the stand. Sale # 020-02-1 Mixed Firelane Pine North unit of sale was cut 10/2002 and scarified 7/2004 (FTP 42-575) Remainder of stand cut in 12/2005 and scarified under same FTP on 11/8/2006. 2020: Variable residual BA and variable JP regeneration (4-15' tall). Where RP residual is higher, little regen is present. Regeneration count completed 5/8/2006 = 223 t/ac (80 J, 111 A, 16 RM, 15 Beech) Continue to monitor for success. Secondary count 5/31/2008 (Unit 1) = 176 t/ac (66 J, 22 RP, 88 W) Seedlings are now 1-2' high																																							
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>80</td> <td>Pole/Log/Sap</td> <td>9</td> <td>80</td> </tr> <tr> <td>White Pine</td> <td>20</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Pine	80	Pole/Log/Sap	9	80	White Pine	20	Pole/Sapling	6		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Red Pine</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Aspen (spp.)</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Jack Pine</td> <td>High</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Low	10 - 20 feet	Sapling	White Pine	Low	Variable	Sapling	Red Pine	Medium	Variable	Sapling	Aspen (spp.)	Low	10 - 20 feet	Sapling	Jack Pine	High	10 - 20 feet	Sapling				
Canopy Species	% Cover	Size Class	DBH	Age																																										
Red Pine	80	Pole/Log/Sap	9	80																																										
White Pine	20	Pole/Sapling	6																																											
Sub-Canopy Species	Density	Avg. Height	Size																																											
Red Maple	Low	10 - 20 feet	Sapling																																											
White Pine	Low	Variable	Sapling																																											
Red Pine	Medium	Variable	Sapling																																											
Aspen (spp.)	Low	10 - 20 feet	Sapling																																											
Jack Pine	High	10 - 20 feet	Sapling																																											
10	42110 - Planted Red Pine	Sawtimber Medium	22.4	80	81-110	N/A	2010:Currently, there are large residual RP in the overstory and small shrub sized JP in the understory. Didn't see any RP regeneration. Original Stand Planted in the Fall 1941Sale # 020-02-1 Mixed Firelane PineThis part of sale was cut 10/2002 and scarified 7/2004 (FTP 42-575)Regeneration count completed (on entire sale area) 5/8/2006 = 223 t/ac (80 J, 111 A, 16 RM, 15 Beech). Secondary count 5/31/2008 (Unit 1) = 176 t/ac (66 J, 22 RP, 88 W) Seedlings are now 1-2' high																																							
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>10</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>90</td> <td>Log/Pole</td> <td>11</td> <td>80</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	White Pine	10	Pole/Log	9		Red Pine	90	Log/Pole	11	80	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Jack Pine</td> <td>Low</td> <td>< 5 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Medium	10 - 20 feet	Sapling	White Pine	Medium	Variable	Sapling	Jack Pine	Low	< 5 feet	Sapling												
Canopy Species	% Cover	Size Class	DBH	Age																																										
White Pine	10	Pole/Log	9																																											
Red Pine	90	Log/Pole	11	80																																										
Sub-Canopy Species	Density	Avg. Height	Size																																											
Red Maple	Medium	10 - 20 feet	Sapling																																											
White Pine	Medium	Variable	Sapling																																											
Jack Pine	Low	< 5 feet	Sapling																																											
11	4130 - Aspen	Sapling Medium	14.2	24	Immature	N/A	2020: Almost pole size. Areas with RP saps ~10' tall There are some small gaps in the aspen regeneration scattered through out the stand. Stand was cut in 1997 as sale # 12-86																																							
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Bigtooth Aspen</td> <td>90</td> <td>Sapling</td> <td>4</td> <td>24</td> </tr> <tr> <td>Red Pine</td> <td>5</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>5</td> <td>Pole</td> <td>6</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Bigtooth Aspen	90	Sapling	4	24	Red Pine	5	Pole	8		Jack Pine	5	Pole	6		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Red Pine</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Jack Pine</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	White Pine	Low	Variable	Sapling	Red Pine	Low	10 - 20 feet	Sapling	Jack Pine	Low	10 - 20 feet	Sapling							
Canopy Species	% Cover	Size Class	DBH	Age																																										
Bigtooth Aspen	90	Sapling	4	24																																										
Red Pine	5	Pole	8																																											
Jack Pine	5	Pole	6																																											
Sub-Canopy Species	Density	Avg. Height	Size																																											
White Pine	Low	Variable	Sapling																																											
Red Pine	Low	10 - 20 feet	Sapling																																											
Jack Pine	Low	10 - 20 feet	Sapling																																											



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																												
12	42220 - Natural Jack Pine	Sapling Well	9.5	22	1-50	N/A	2020: jumbled pocket of 2 aged trees. Red pine over jack pine regen. Sale #33-92 Cut in the Fall/Winter 1996/1997, respectively FTP 42-412 Scarified 4/1998																																												
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>28</td> <td>Log/Pole</td> <td>12</td> <td>80</td> </tr> <tr> <td>Jack Pine</td> <td>62</td> <td>Sapling</td> <td>2</td> <td>22</td> </tr> <tr> <td>Red Maple</td> <td>5</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>White Pine</td> <td>5</td> <td>Sapling</td> <td>2</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Pine	28	Log/Pole	12	80	Jack Pine	62	Sapling	2	22	Red Maple	5	Sapling	2		White Pine	5	Sapling	2		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Jack Pine</td> <td>High</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Low</td> <td>>20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Jack Pine	High	>20 feet	Sapling	White Pine	Low	>20 feet	Sapling	Red Maple	Low	>20 feet	Sapling							
Canopy Species	% Cover	Size Class	DBH	Age																																															
Red Pine	28	Log/Pole	12	80																																															
Jack Pine	62	Sapling	2	22																																															
Red Maple	5	Sapling	2																																																
White Pine	5	Sapling	2																																																
Sub-Canopy Species	Density	Avg. Height	Size																																																
Jack Pine	High	>20 feet	Sapling																																																
White Pine	Low	>20 feet	Sapling																																																
Red Maple	Low	>20 feet	Sapling																																																
13	42110 - Planted Red Pine	Sawtimber Medium	34.0	80	111-140	N/A	The ORV trail runs through part of the stand. Cut in 2005 as part of Mixed Fireline Pine, #020-02. Completed on 4/24/2006 Scarified Fall 2006 under FTP 42-575. Areas of high residual BA were avoided. Variable residual BA. Some regen in the open strips, but not much under the RP canopy.																																												
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>10</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>90</td> <td>Log/Pole</td> <td>12</td> <td>80</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	White Pine	10	Log/Pole	10		Red Pine	90	Log/Pole	12	80	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Jack Pine</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Pine	Low	Variable	Sapling	Jack Pine	Low	10 - 20 feet	Sapling	Bigtooth Aspen	Low	10 - 20 feet	Sapling																	
Canopy Species	% Cover	Size Class	DBH	Age																																															
White Pine	10	Log/Pole	10																																																
Red Pine	90	Log/Pole	12	80																																															
Sub-Canopy Species	Density	Avg. Height	Size																																																
Red Pine	Low	Variable	Sapling																																																
Jack Pine	Low	10 - 20 feet	Sapling																																																
Bigtooth Aspen	Low	10 - 20 feet	Sapling																																																
14	42210 - Natural Red Pine	Sawtimber Poor	87.3	79	1-50	N/A	Cut in 2015. Barking Dog, #001-12. TCR 9/27/16. Stand scarified summer 2016. FTP C42-807. Natural Regen Check (Intermediate): 10/17/19 - JP 350 TPA, WP 100 TPA, RP 100 TPA with variable stocking of small WP saplings throughout. Likely necessary to treat remaining overstory (BA 30 - 50) to achieve MO with below adequate regen and competition present. The ORV trail runs through this stand.																																												
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>85</td> <td>Log/Pole</td> <td>14</td> <td>79</td> </tr> <tr> <td>White Pine</td> <td>13</td> <td>Log/XLog</td> <td>15</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>2</td> <td>Pole</td> <td>8</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Pine	85	Log/Pole	14	79	White Pine	13	Log/XLog	15		Paper Birch	2	Pole	8		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Pine</td> <td>Low</td> <td>< 5 feet</td> <td>Seeding</td> </tr> <tr> <td>Jack Pine</td> <td>Medium</td> <td>< 5 feet</td> <td>Seeding</td> </tr> <tr> <td>Quaking Aspen</td> <td>High</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Medium</td> <td>< 5 feet</td> <td>Seeding</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>< 5 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Medium	5 - 10 feet	Sapling	Red Pine	Low	< 5 feet	Seeding	Jack Pine	Medium	< 5 feet	Seeding	Quaking Aspen	High	5 - 10 feet	Sapling	White Pine	Medium	< 5 feet	Seeding	White Pine	Low	< 5 feet	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																															
Red Pine	85	Log/Pole	14	79																																															
White Pine	13	Log/XLog	15																																																
Paper Birch	2	Pole	8																																																
Sub-Canopy Species	Density	Avg. Height	Size																																																
Red Maple	Medium	5 - 10 feet	Sapling																																																
Red Pine	Low	< 5 feet	Seeding																																																
Jack Pine	Medium	< 5 feet	Seeding																																																
Quaking Aspen	High	5 - 10 feet	Sapling																																																
White Pine	Medium	< 5 feet	Seeding																																																
White Pine	Low	< 5 feet	Sapling																																																
15	500 - Water	Nonstocked	5.1		Unspecified	No																																													
16	4133 - Aspen, Mixed Pine	Sapling Well	42.1	26	Immature	N/A	Not quite a pure aspen stand, there is some supercanopy red and white pine over the aspen.																																												
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Bigtooth Aspen</td> <td>70</td> <td>Sapling</td> <td>4</td> <td>26</td> </tr> <tr> <td>White Pine</td> <td>20</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>5</td> <td>Pole/Sap/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Sapling</td> <td>4</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Bigtooth Aspen	70	Sapling	4	26	White Pine	20	Pole/Sapling	6		Red Pine	5	Pole/Sap/Log	8		Paper Birch	5	Sapling	4		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>White Spruce</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Red Pine</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	White Spruce	Low	Variable	Sapling	White Pine	Medium	Variable	Sapling	Red Pine	Low	10 - 20 feet	Sapling							
Canopy Species	% Cover	Size Class	DBH	Age																																															
Bigtooth Aspen	70	Sapling	4	26																																															
White Pine	20	Pole/Sapling	6																																																
Red Pine	5	Pole/Sap/Log	8																																																
Paper Birch	5	Sapling	4																																																
Sub-Canopy Species	Density	Avg. Height	Size																																																
White Spruce	Low	Variable	Sapling																																																
White Pine	Medium	Variable	Sapling																																																
Red Pine	Low	10 - 20 feet	Sapling																																																
17	42110 - Planted Red Pine	Sawtimber Well	22.5	80	81-110	N/A	Thinned red pine logs utility pole sale #23-88, August 1988																																												
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>20</td> <td>Log</td> <td>12</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>80</td> <td>Log/Pole</td> <td>14</td> <td>80</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	White Pine	20	Log	12		Red Pine	80	Log/Pole	14	80	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>High</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>Medium</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Spruce</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>High</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	High	>20 feet	Sapling	Bigtooth Aspen	Medium	>20 feet	Sapling	Balsam Fir	Medium	Variable	Sapling	White Spruce	Low	Variable	Sapling	White Pine	High	Variable	Sapling									
Canopy Species	% Cover	Size Class	DBH	Age																																															
White Pine	20	Log	12																																																
Red Pine	80	Log/Pole	14	80																																															
Sub-Canopy Species	Density	Avg. Height	Size																																																
Red Maple	High	>20 feet	Sapling																																																
Bigtooth Aspen	Medium	>20 feet	Sapling																																																
Balsam Fir	Medium	Variable	Sapling																																																
White Spruce	Low	Variable	Sapling																																																
White Pine	High	Variable	Sapling																																																



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																								
18	42210 - Natural Red Pine	Sawtimber Well	11.3	79	81-110	N/A	Not a lot present in the understory. The ORV trail runs through the stand. Sale # 028-02-01, Rabbit Patch Mix. Complete 5/2003																																								
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>100</td> <td>Log/Pole</td> <td>13</td> <td>79</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Pine	100	Log/Pole	13	79	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Paper Birch</td> <td>Low</td> <td>10 - 20 feet</td> <td>Pole</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Spruce</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Paper Birch	Low	10 - 20 feet	Pole	White Pine	Low	Variable	Sapling	White Spruce	Low	Variable	Sapling																		
Canopy Species	% Cover	Size Class	DBH	Age																																											
Red Pine	100	Log/Pole	13	79																																											
Sub-Canopy Species	Density	Avg. Height	Size																																												
Paper Birch	Low	10 - 20 feet	Pole																																												
White Pine	Low	Variable	Sapling																																												
White Spruce	Low	Variable	Sapling																																												
19	42220 - Natural Jack Pine	Sapling Well	24.1	37	Unspecified	N/A	2020: growing in to pole size but not there yet. Cut as part of sale # 48-83 (cut in Fall 1983) Spp cut: jack pine, aspen, birch, spruce, fir and marked red pine. FTP 42-158, scarified spring 1984.																																								
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Jack Pine</td> <td>90</td> <td>Sapling/Pole</td> <td>3</td> <td>37</td> </tr> <tr> <td>Red Pine</td> <td>10</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Jack Pine	90	Sapling/Pole	3	37	Red Pine	10	Log/Pole	12																																
Canopy Species	% Cover	Size Class	DBH	Age																																											
Jack Pine	90	Sapling/Pole	3	37																																											
Red Pine	10	Log/Pole	12																																												
20	42220 - Natural Jack Pine	Poletimber Well	14.4	46	Unspecified	N/A	2020: just coming in to pole size. Sale # 10-74A FTP # 42-128, scarified summer 1975.																																								
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Jack Pine</td> <td>75</td> <td>Pole/Sapling</td> <td>5</td> <td>46</td> </tr> <tr> <td>Red Pine</td> <td>10</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>White Pine</td> <td>10</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Pole</td> <td>5</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Jack Pine	75	Pole/Sapling	5	46	Red Pine	10	Log/Pole	10		White Pine	10	Log	14		Paper Birch	5	Pole	5		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Low</td> <td>< 5 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Oak</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Low	< 5 feet	Sapling	Red Oak	Low	5 - 10 feet	Sapling	Bigtooth Aspen	Low	5 - 10 feet	Sapling			
Canopy Species	% Cover	Size Class	DBH	Age																																											
Jack Pine	75	Pole/Sapling	5	46																																											
Red Pine	10	Log/Pole	10																																												
White Pine	10	Log	14																																												
Paper Birch	5	Pole	5																																												
Sub-Canopy Species	Density	Avg. Height	Size																																												
Red Maple	Low	< 5 feet	Sapling																																												
Red Oak	Low	5 - 10 feet	Sapling																																												
Bigtooth Aspen	Low	5 - 10 feet	Sapling																																												
21	4311 - Pine, Aspen Mix	Poletimber Well	10.2	28	1-50	N/A	Cut as part of sale #45-92 cut in the spring/summer of 1993. Variable stand. Areas with residual RP/WP and areas without.																																								
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Bigtooth Aspen</td> <td>40</td> <td>Sapling</td> <td>3</td> <td>28</td> </tr> <tr> <td>Red Pine</td> <td>30</td> <td>Pole/Sap/Log</td> <td>9</td> <td>80</td> </tr> <tr> <td>Red Maple</td> <td>10</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>White Pine</td> <td>20</td> <td>Pole/Sap/Log</td> <td>9</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Bigtooth Aspen	40	Sapling	3	28	Red Pine	30	Pole/Sap/Log	9	80	Red Maple	10	Sapling	3		White Pine	20	Pole/Sap/Log	9																						
Canopy Species	% Cover	Size Class	DBH	Age																																											
Bigtooth Aspen	40	Sapling	3	28																																											
Red Pine	30	Pole/Sap/Log	9	80																																											
Red Maple	10	Sapling	3																																												
White Pine	20	Pole/Sap/Log	9																																												
22	42210 - Natural Red Pine	Sawtimber Medium	84.7	103	51-80	N/A	Cut under 42-004-12-01, Split It Now Pine. TCR 07/28/2015. Scarification of the site was completed summer of 2015. 2020: not much in the way of any pine regeneration. Some areas have aspen regen, but otherwise it's a scattered mix of stump sprout maple/birch or white pine. Stands 75 and 76 were broken off of the original stand 22 due to management implications.																																								
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>75</td> <td>Log/Pole</td> <td>14</td> <td>103</td> </tr> <tr> <td>White Pine</td> <td>25</td> <td>Log/Pole</td> <td>14</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Pine	75	Log/Pole	14	103	White Pine	25	Log/Pole	14		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Bigtooth Aspen</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Paper Birch</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Bigtooth Aspen	Medium	10 - 20 feet	Sapling	Red Maple	Medium	5 - 10 feet	Sapling	Paper Birch	Low	5 - 10 feet	Sapling	White Pine	Medium	Variable	Sapling									
Canopy Species	% Cover	Size Class	DBH	Age																																											
Red Pine	75	Log/Pole	14	103																																											
White Pine	25	Log/Pole	14																																												
Sub-Canopy Species	Density	Avg. Height	Size																																												
Bigtooth Aspen	Medium	10 - 20 feet	Sapling																																												
Red Maple	Medium	5 - 10 feet	Sapling																																												
Paper Birch	Low	5 - 10 feet	Sapling																																												
White Pine	Medium	Variable	Sapling																																												
23	500 - Water	Nonstocked	3.3			No																																									
24	42140 - Planted Mixed Pine	Sawtimber Medium	68.8	80	51-80	N/A	Cut as part of the Mixed Firelane Pine Sale # 020-02-01 Completed 4/24/06 Previously cut as part of sale # 45-92																																								
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Paper Birch</td> <td>10</td> <td>Pole/Log</td> <td>10</td> <td></td> </tr> <tr> <td>White Pine</td> <td>40</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>50</td> <td>Log/Pole</td> <td>13</td> <td>80</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Paper Birch	10	Pole/Log	10		White Pine	40	Log	14		Red Pine	50	Log/Pole	13	80	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>High</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>High</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Red Pine</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Jack Pine</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	High	>20 feet	Sapling	Bigtooth Aspen	High	>20 feet	Sapling	White Pine	Low	Variable	Sapling	Red Pine	Medium	Variable	Sapling	Jack Pine	Medium	5 - 10 feet	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																											
Paper Birch	10	Pole/Log	10																																												
White Pine	40	Log	14																																												
Red Pine	50	Log/Pole	13	80																																											
Sub-Canopy Species	Density	Avg. Height	Size																																												
Red Maple	High	>20 feet	Sapling																																												
Bigtooth Aspen	High	>20 feet	Sapling																																												
White Pine	Low	Variable	Sapling																																												
Red Pine	Medium	Variable	Sapling																																												
Jack Pine	Medium	5 - 10 feet	Sapling																																												



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																																										
25	42141 - Planted Mixed Pine, Mixed Deciduous	Sapling Poor	29.2	17	1-50	N/A	2010: Recently cut. Stand has good jack pine regeneration. The ORV trail runs through this stand. Part of the Rabbit Patch Mix Sale #028-02-01. Completed 5/2003. Scarified in summer 2004 under FTP 42-578.																																																																																										
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>10</td> <td>Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>25</td> <td>Log/Pole</td> <td>14</td> <td>80</td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Sapling/Pole</td> <td>3</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>5</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>10</td> <td>Sapling/Pole</td> <td>3</td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	White Pine	10	Pole	10		Red Pine	25	Log/Pole	14	80	Paper Birch	5	Sapling/Pole	3		Red Maple	5	Sapling	2		Quaking Aspen	10	Sapling/Pole	3																																																													
Canopy Species	% Cover	Size Class	DBH	Age																																																																																													
White Pine	10	Pole	10																																																																																														
Red Pine	25	Log/Pole	14	80																																																																																													
Paper Birch	5	Sapling/Pole	3																																																																																														
Red Maple	5	Sapling	2																																																																																														
Quaking Aspen	10	Sapling/Pole	3																																																																																														
26	4133 - Aspen, Mixed Pine	Sapling Well	45.3	33	1-50	N/A	2002: more of an A3 with residual rp/wp. there are a few areas with higher density pine that could be managed. Thinned red pine cabin logs and utility poles in sale #23-88, August 1988																																																																																										
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>15</td> <td>Log/Pole/Sap</td> <td>10</td> <td></td> <td>Balsam Fir</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Red Pine</td> <td>15</td> <td>Log/Pole</td> <td>12</td> <td>104</td> <td>White Pine</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>65</td> <td>Sapling</td> <td>2</td> <td>33</td> <td>Red Pine</td> <td>Low</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Sapling</td> <td>2</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	White Pine	15	Log/Pole/Sap	10		Balsam Fir	Medium	Variable	Sapling	Red Pine	15	Log/Pole	12	104	White Pine	Medium	Variable	Sapling	Bigtooth Aspen	65	Sapling	2	33	Red Pine	Low	>20 feet	Sapling	Paper Birch	5	Sapling	2																																																		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size																																																																																									
White Pine	15	Log/Pole/Sap	10		Balsam Fir	Medium	Variable	Sapling																																																																																									
Red Pine	15	Log/Pole	12	104	White Pine	Medium	Variable	Sapling																																																																																									
Bigtooth Aspen	65	Sapling	2	33	Red Pine	Low	>20 feet	Sapling																																																																																									
Paper Birch	5	Sapling	2																																																																																														
27	42110 - Planted Red Pine	Sawtimber Well	46.9	80	111-140	N/A	Cut as part of Enchanted Forest Pine Sale # 031-02-01 Completed 8/27/2003																																																																																										
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>5</td> <td>Pole/Log</td> <td>8</td> <td></td> <td>Red Maple</td> <td>Low</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Pine</td> <td>95</td> <td>Log</td> <td>14</td> <td>80</td> <td>Beech</td> <td>Low</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Bigtooth Aspen</td> <td>Medium</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>White Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Red Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	White Pine	5	Pole/Log	8		Red Maple	Low	>20 feet	Sapling	Red Pine	95	Log	14	80	Beech	Low	>20 feet	Sapling						Bigtooth Aspen	Medium	>20 feet	Sapling						White Pine	Low	Variable	Sapling						Red Pine	Low	Variable	Sapling																																				
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size																																																																																									
White Pine	5	Pole/Log	8		Red Maple	Low	>20 feet	Sapling																																																																																									
Red Pine	95	Log	14	80	Beech	Low	>20 feet	Sapling																																																																																									
					Bigtooth Aspen	Medium	>20 feet	Sapling																																																																																									
					White Pine	Low	Variable	Sapling																																																																																									
					Red Pine	Low	Variable	Sapling																																																																																									
28	500 - Water	Nonstocked	2.6		Unspecified	No																																																																																											
29	42290 - Natural Mixed Pine	Sawtimber Medium	73.9	110	51-80	N/A	2020: variable stand. areas where regen is more prevalent than residual, and areas of the opposite. some areas with slightly higher BA. 2010: Beech is affected by scale and is close to dying. Will create good snags for wildlife. Stand was cut as part of sale #57-84 (cut in 1990) and sale #13-92 (cut in 1992)																																																																																										
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>55</td> <td>Log/Pole/XLog</td> <td>14</td> <td>110</td> <td>Red Maple</td> <td>Medium</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Pine</td> <td>45</td> <td>Log/Pole/XLog</td> <td>14</td> <td></td> <td>Beech</td> <td>Low</td> <td>< 5 feet</td> <td>Sapling</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Bigtooth Aspen</td> <td>Medium</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Balsam Fir</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>White Spruce</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>White Pine</td> <td>High</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Hemlock</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Red Pine</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Jack Pine</td> <td>Low</td> <td>>20 feet</td> <td>Sapling</td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	White Pine	55	Log/Pole/XLog	14	110	Red Maple	Medium	>20 feet	Sapling	Red Pine	45	Log/Pole/XLog	14		Beech	Low	< 5 feet	Sapling						Bigtooth Aspen	Medium	>20 feet	Sapling						Balsam Fir	Medium	Variable	Sapling						White Spruce	Medium	Variable	Sapling						White Pine	High	Variable	Sapling						Hemlock	Low	Variable	Sapling						Red Pine	Low	10 - 20 feet	Sapling						Jack Pine	Low	>20 feet	Sapling
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size																																																																																									
White Pine	55	Log/Pole/XLog	14	110	Red Maple	Medium	>20 feet	Sapling																																																																																									
Red Pine	45	Log/Pole/XLog	14		Beech	Low	< 5 feet	Sapling																																																																																									
					Bigtooth Aspen	Medium	>20 feet	Sapling																																																																																									
					Balsam Fir	Medium	Variable	Sapling																																																																																									
					White Spruce	Medium	Variable	Sapling																																																																																									
					White Pine	High	Variable	Sapling																																																																																									
					Hemlock	Low	Variable	Sapling																																																																																									
					Red Pine	Low	10 - 20 feet	Sapling																																																																																									
					Jack Pine	Low	>20 feet	Sapling																																																																																									



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																					
30	42210 - Natural Red Pine	Sawtimber Medium	16.7	75	111-140	N/A	ORV trail runs through stand. Sale #031-02-01 Enchanted Forest																																																					
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>90</td> <td>Log/Pole</td> <td>12</td> <td>75</td> </tr> <tr> <td>White Pine</td> <td>10</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Pine	90	Log/Pole	12	75	White Pine	10	Log/Pole	10		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Medium	Variable	Sapling	White Pine	Low	Variable	Sapling																														
Canopy Species	% Cover	Size Class	DBH	Age																																																								
Red Pine	90	Log/Pole	12	75																																																								
White Pine	10	Log/Pole	10																																																									
Sub-Canopy Species	Density	Avg. Height	Size																																																									
Red Maple	Medium	Variable	Sapling																																																									
White Pine	Low	Variable	Sapling																																																									
31	42110 - Planted Red Pine	Sawtimber Poor	41.2	80	51-80	N/A	Red pine plantation planted in the fall of 1941. Sale # 019-02-01 7 Mile Fingers, completed 12/01/05 2020: not fully stocked regen under patchy rp overstory																																																					
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>5</td> <td>Log/Pole</td> <td>11</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>95</td> <td>Log/Pole</td> <td>10</td> <td>80</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	White Pine	5	Log/Pole	11		Red Pine	95	Log/Pole	10	80	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Jack Pine</td> <td>High</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Pine</td> <td>Low</td> <td>< 5 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Low</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>Low</td> <td>>20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	White Pine	Low	10 - 20 feet	Sapling	Jack Pine	High	10 - 20 feet	Sapling	Red Pine	Low	< 5 feet	Sapling	Red Maple	Low	>20 feet	Sapling	Bigtooth Aspen	Low	>20 feet	Sapling																		
Canopy Species	% Cover	Size Class	DBH	Age																																																								
White Pine	5	Log/Pole	11																																																									
Red Pine	95	Log/Pole	10	80																																																								
Sub-Canopy Species	Density	Avg. Height	Size																																																									
White Pine	Low	10 - 20 feet	Sapling																																																									
Jack Pine	High	10 - 20 feet	Sapling																																																									
Red Pine	Low	< 5 feet	Sapling																																																									
Red Maple	Low	>20 feet	Sapling																																																									
Bigtooth Aspen	Low	>20 feet	Sapling																																																									
32	4319 - Mixed Upland Forest	Poletimber Well	18.8	29	Immature	N/A	Cut in 1992 as part of #13-92. On edge between sap and pole size. RP has perfectly seeded in along every road!																																																					
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Bigtooth Aspen</td> <td>15</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>White Pine</td> <td>10</td> <td>Pole/Log</td> <td>5</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>5</td> <td>Pole/Log</td> <td>5</td> <td></td> </tr> <tr> <td>Hemlock</td> <td>15</td> <td>Pole/Sap/Log</td> <td>5</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>20</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> <tr> <td>Beech</td> <td>5</td> <td>Sapling/Pole</td> <td>3</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>25</td> <td>Sapling/Pole</td> <td>3</td> <td>29</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Bigtooth Aspen	15	Pole/Sapling	5		White Pine	10	Pole/Log	5		Red Pine	5	Pole/Log	5		Hemlock	15	Pole/Sap/Log	5		Balsam Fir	20	Pole/Sapling	6		Beech	5	Sapling/Pole	3		Paper Birch	5	Pole/Sapling	5		Red Maple	25	Sapling/Pole	3	29	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Spruce</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Low	Variable	Sapling	White Spruce	Low	Variable	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																																								
Bigtooth Aspen	15	Pole/Sapling	5																																																									
White Pine	10	Pole/Log	5																																																									
Red Pine	5	Pole/Log	5																																																									
Hemlock	15	Pole/Sap/Log	5																																																									
Balsam Fir	20	Pole/Sapling	6																																																									
Beech	5	Sapling/Pole	3																																																									
Paper Birch	5	Pole/Sapling	5																																																									
Red Maple	25	Sapling/Pole	3	29																																																								
Sub-Canopy Species	Density	Avg. Height	Size																																																									
Balsam Fir	Low	Variable	Sapling																																																									
White Spruce	Low	Variable	Sapling																																																									
33	42110 - Planted Red Pine	Sawtimber Well	86.0	72	111-140	N/A	Occasional oak and hemlock. Small log/pole stand mostly, with some larger logs to the north. This northern portion may not have been planted. Western portion planted in 1941, with eastern portion in 1949.																																																					
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>65</td> <td>Log/Pole</td> <td>10</td> <td>72</td> </tr> <tr> <td>Jack Pine</td> <td>16</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>White Pine</td> <td>16</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>1</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>1</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Red Oak</td> <td>1</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Pine	65	Log/Pole	10	72	Jack Pine	16	Pole	8		White Pine	16	Pole	8		Paper Birch	1	Pole	6		Bigtooth Aspen	1	Pole/Log	8		Red Oak	1	Log/Pole	10		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Red Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	White Pine	Medium	Variable	Sapling	Red Pine	Low	Variable	Sapling										
Canopy Species	% Cover	Size Class	DBH	Age																																																								
Red Pine	65	Log/Pole	10	72																																																								
Jack Pine	16	Pole	8																																																									
White Pine	16	Pole	8																																																									
Paper Birch	1	Pole	6																																																									
Bigtooth Aspen	1	Pole/Log	8																																																									
Red Oak	1	Log/Pole	10																																																									
Sub-Canopy Species	Density	Avg. Height	Size																																																									
White Pine	Medium	Variable	Sapling																																																									
Red Pine	Low	Variable	Sapling																																																									
34	500 - Water	Nonstocked	2.4		Unspecified	No	There is evendence of seasonal flooding in this stand. There are a lot of dead jack pine stumps throughout the stand. It also provides a natural buffer for the pond. 2020: full of water.																																																					
		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>High</td> <td></td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Trace</td> <td></td> <td>Sapling</td> </tr> <tr> <td>Jack Pine</td> <td>High</td> <td></td> <td>Sapling</td> </tr> <tr> <td>Red Pine</td> <td>Medium</td> <td></td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	White Pine	High		Sapling	Red Maple	Trace		Sapling	Jack Pine	High		Sapling	Red Pine	Medium		Sapling																																					
Sub-Canopy Species	Density	Avg. Height	Size																																																									
White Pine	High		Sapling																																																									
Red Maple	Trace		Sapling																																																									
Jack Pine	High		Sapling																																																									
Red Pine	Medium		Sapling																																																									
35	500 - Water	Nonstocked	8.3		Unspecified	No																																																						



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																											
36	42220 - Natural Jack Pine	Poletimber Well	3.9	39	Unspecified	N/A	Possibly cut with C23 or C25, no records found.																																																											
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Jack Pine</td> <td>95</td> <td>Pole/Sapling</td> <td>5</td> <td>39</td> </tr> <tr> <td>Red Pine</td> <td>5</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Jack Pine	95	Pole/Sapling	5	39	Red Pine	5	Pole/Log	8																																																			
Canopy Species	% Cover	Size Class	DBH	Age																																																														
Jack Pine	95	Pole/Sapling	5	39																																																														
Red Pine	5	Pole/Log	8																																																															
37	42110 - Planted Red Pine	Sawtimber Well	46.8	80	111-140	N/A	2010: There is a hemlock component throughout the stand, especially in the southern part. There is some evidence of fire throughout the stand. Other canopy species include: White birch, hemlock and bigtooth aspen. 7/2020: Some areas heavier to red pine than others. some areas more mixed red pine, jack pine, white pine. Some areas heavier to jack pine.																																																											
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>5</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>75</td> <td>Log/Pole</td> <td>12</td> <td>80</td> </tr> <tr> <td>Jack Pine</td> <td>20</td> <td>Pole</td> <td>8</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	White Pine	5	Pole	8		Red Pine	75	Log/Pole	12	80	Jack Pine	20	Pole	8		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Spruce</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Red Pine</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Hemlock</td> <td>Low</td> <td>>20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Low	Variable	Sapling	White Spruce	Low	Variable	Sapling	White Pine	Medium	Variable	Sapling	Red Pine	Medium	Variable	Sapling	Hemlock	Low	>20 feet	Sapling																			
Canopy Species	% Cover	Size Class	DBH	Age																																																														
White Pine	5	Pole	8																																																															
Red Pine	75	Log/Pole	12	80																																																														
Jack Pine	20	Pole	8																																																															
Sub-Canopy Species	Density	Avg. Height	Size																																																															
Red Maple	Low	Variable	Sapling																																																															
White Spruce	Low	Variable	Sapling																																																															
White Pine	Medium	Variable	Sapling																																																															
Red Pine	Medium	Variable	Sapling																																																															
Hemlock	Low	>20 feet	Sapling																																																															
38	4319 - Mixed Upland Forest	Sapling Well	18.4	31	Immature	N/A	Stand was cut as part of sale # 57-84 and was cut in 1990.																																																											
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Paper Birch</td> <td>15</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>23</td> <td>Sapling</td> <td>3</td> <td>31</td> </tr> <tr> <td>White Spruce</td> <td>15</td> <td>Pole/Sap/Log</td> <td>6</td> <td></td> </tr> <tr> <td>White Pine</td> <td>22</td> <td>Log/Pole/Sap</td> <td>12</td> <td>109</td> </tr> <tr> <td>Hemlock</td> <td>5</td> <td>Pole/Log/Sap</td> <td>8</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>5</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>5</td> <td>Log/Pole/XLog</td> <td>12</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>10</td> <td>Sapling</td> <td>3</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Paper Birch	15	Sapling/Pole	4		Bigtooth Aspen	23	Sapling	3	31	White Spruce	15	Pole/Sap/Log	6		White Pine	22	Log/Pole/Sap	12	109	Hemlock	5	Pole/Log/Sap	8		Balsam Fir	5	Pole/Sapling	5		Red Pine	5	Log/Pole/XLog	12		Red Maple	10	Sapling	3		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Beech</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Beech	Medium	10 - 20 feet	Sapling										
Canopy Species	% Cover	Size Class	DBH	Age																																																														
Paper Birch	15	Sapling/Pole	4																																																															
Bigtooth Aspen	23	Sapling	3	31																																																														
White Spruce	15	Pole/Sap/Log	6																																																															
White Pine	22	Log/Pole/Sap	12	109																																																														
Hemlock	5	Pole/Log/Sap	8																																																															
Balsam Fir	5	Pole/Sapling	5																																																															
Red Pine	5	Log/Pole/XLog	12																																																															
Red Maple	10	Sapling	3																																																															
Sub-Canopy Species	Density	Avg. Height	Size																																																															
Beech	Medium	10 - 20 feet	Sapling																																																															
39	42120 - Planted Jack Pine	Sawtimber Well	25.2	80	111-140	N/A	Planted in the fall of 1941: 2-0 jack pine, red pine and 3-0 white pine. 2020: Areas of mostly jack pine, to areas of mixed jack pine/red pine. Occasional birch and aspen.																																																											
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>10</td> <td>Log/Pole</td> <td>12</td> <td>80</td> </tr> <tr> <td>Jack Pine</td> <td>85</td> <td>Log/Pole</td> <td>10</td> <td>80</td> </tr> <tr> <td>White Pine</td> <td>5</td> <td>Log/Pole</td> <td>11</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Pine	10	Log/Pole	12	80	Jack Pine	85	Log/Pole	10	80	White Pine	5	Log/Pole	11		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Low	Variable	Sapling	White Pine	Low	Variable	Sapling																															
Canopy Species	% Cover	Size Class	DBH	Age																																																														
Red Pine	10	Log/Pole	12	80																																																														
Jack Pine	85	Log/Pole	10	80																																																														
White Pine	5	Log/Pole	11																																																															
Sub-Canopy Species	Density	Avg. Height	Size																																																															
Red Maple	Low	Variable	Sapling																																																															
White Pine	Low	Variable	Sapling																																																															
40	42290 - Natural Mixed Pine	Sawtimber Well	27.1	103	111-140	N/A	There is a lot of size class variation and a good amount of species diversity.																																																											
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Spruce</td> <td>2</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>White Pine</td> <td>25</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>40</td> <td>Log/Pole/XLog</td> <td>14</td> <td>103</td> </tr> <tr> <td>Hemlock</td> <td>3</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>10</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>15</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	White Spruce	2	Pole	8		White Pine	25	Log/Pole	12		Red Pine	40	Log/Pole/XLog	14	103	Hemlock	3	Log/Pole	12		Jack Pine	10	Pole	8		Bigtooth Aspen	15	Log/Pole	10		Paper Birch	5	Log/Pole	10		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Spruce</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Low	Variable	Sapling	Balsam Fir	Medium	Variable	Sapling	White Spruce	Low	5 - 10 feet	Sapling	White Pine	Low	5 - 10 feet	Sapling			
Canopy Species	% Cover	Size Class	DBH	Age																																																														
White Spruce	2	Pole	8																																																															
White Pine	25	Log/Pole	12																																																															
Red Pine	40	Log/Pole/XLog	14	103																																																														
Hemlock	3	Log/Pole	12																																																															
Jack Pine	10	Pole	8																																																															
Bigtooth Aspen	15	Log/Pole	10																																																															
Paper Birch	5	Log/Pole	10																																																															
Sub-Canopy Species	Density	Avg. Height	Size																																																															
Red Maple	Low	Variable	Sapling																																																															
Balsam Fir	Medium	Variable	Sapling																																																															
White Spruce	Low	5 - 10 feet	Sapling																																																															
White Pine	Low	5 - 10 feet	Sapling																																																															



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																														
41	429 - Mixed Upland Conifers	Sawtimber Poor	59.0	141	51-80	N/A	The understory is really thick. Canopy is made up of large trees. It was previously cut, there was some remaining red line. 2020: variable BA. Portions cut in 1988 as part of #58-84, and in 1993 as part of #45-92																																																														
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>25</td> <td>Log/XLog</td> <td>16</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>20</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Hemlock</td> <td>55</td> <td>Log/Pole/XLog</td> <td>16</td> <td>141</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		White Pine	25	Log/XLog	16		Red Maple	20	Pole/Log	8		Hemlock	55	Log/Pole/XLog	16	141	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Medium</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>High</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>White Spruce</td> <td>High</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Hemlock</td> <td>Medium</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Paper Birch</td> <td>Medium</td> <td>>20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Medium	>20 feet	Sapling	Balsam Fir	High	>20 feet	Sapling	White Spruce	High	>20 feet	Sapling	Hemlock	Medium	>20 feet	Sapling	Paper Birch	Medium	>20 feet	Sapling																					
Canopy Species	% Cover	Size Class	DBH	Age																																																																	
White Pine	25	Log/XLog	16																																																																		
Red Maple	20	Pole/Log	8																																																																		
Hemlock	55	Log/Pole/XLog	16	141																																																																	
Sub-Canopy Species	Density	Avg. Height	Size																																																																		
Red Maple	Medium	>20 feet	Sapling																																																																		
Balsam Fir	High	>20 feet	Sapling																																																																		
White Spruce	High	>20 feet	Sapling																																																																		
Hemlock	Medium	>20 feet	Sapling																																																																		
Paper Birch	Medium	>20 feet	Sapling																																																																		
42	42350 - Upland Hemlock	Sawtimber Well	17.3	141	Unspecified	N/A	2020: Did not visit. Data taken from 2010. Partial harvest in 1984 as part of #34-82. Old inventory also indicated areas of full regeneration of hardwoods (striped maple, red maple, cherry, beech, birch). Where it was thinned hard, more hardwood/fir reproduction. Where it was more closed canopy, areas have heavy hemlock reproduction. 2010: This stand has a diverse understory with a lot of old and large hemlock in the canopy. There is also quite a bit of hemlock regeneration in the understory. There are also a lot of snags scattered throughout the stand. There is a lot of variation in the heights and DBHs.																																																														
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>5</td> <td>Sapling/Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Sapling/Pole</td> <td>6</td> <td></td> </tr> <tr> <td>White Spruce</td> <td>5</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>5</td> <td>Log/Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Hemlock</td> <td>80</td> <td>XLog/Log</td> <td>18</td> <td>141</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Red Maple	5	Sapling/Pole	6		Paper Birch	5	Sapling/Pole	6		White Spruce	5	Pole/Log	8		Red Pine	5	Log/Pole	8		Hemlock	80	XLog/Log	18	141	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Beech</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Paper Birch</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>Medium</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Hemlock</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Striped Maple</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Cherry (spp.)</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Medium	Variable	Sapling	Beech	Medium	10 - 20 feet	Sapling	Paper Birch	Medium	5 - 10 feet	Sapling	Bigtooth Aspen	Medium	>20 feet	Sapling	Balsam Fir	Medium	Variable	Sapling	Hemlock	Medium	Variable	Sapling	Striped Maple	Medium	5 - 10 feet	Sapling	Cherry (spp.)	Low	5 - 10 feet
Canopy Species	% Cover	Size Class	DBH	Age																																																																	
Red Maple	5	Sapling/Pole	6																																																																		
Paper Birch	5	Sapling/Pole	6																																																																		
White Spruce	5	Pole/Log	8																																																																		
Red Pine	5	Log/Pole	8																																																																		
Hemlock	80	XLog/Log	18	141																																																																	
Sub-Canopy Species	Density	Avg. Height	Size																																																																		
Red Maple	Medium	Variable	Sapling																																																																		
Beech	Medium	10 - 20 feet	Sapling																																																																		
Paper Birch	Medium	5 - 10 feet	Sapling																																																																		
Bigtooth Aspen	Medium	>20 feet	Sapling																																																																		
Balsam Fir	Medium	Variable	Sapling																																																																		
Hemlock	Medium	Variable	Sapling																																																																		
Striped Maple	Medium	5 - 10 feet	Sapling																																																																		
Cherry (spp.)	Low	5 - 10 feet	Sapling																																																																		
43	4112 - Maple, Beech, Cherry Association	Poletimber Medium	10.7	91	51-80	N/A	2020: Did not visit. Data taken from 2010. 2010: Stand has been hit hard by beech scale. Quite a few beech with more to come due to the high amount of beech mortality. Pretty poor quality red maple.																																																														
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>40</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Beech</td> <td>50</td> <td>Pole/Log</td> <td>8</td> <td>91</td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Red Maple	40	Pole/Log	8		Beech	50	Pole/Log	8	91	Paper Birch	5	Pole/Log	8		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>High</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Beech</td> <td>High</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>Medium</td> <td>< 5 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	High	5 - 10 feet	Sapling	Beech	High	5 - 10 feet	Sapling	Bigtooth Aspen	Medium	< 5 feet	Sapling																													
Canopy Species	% Cover	Size Class	DBH	Age																																																																	
Red Maple	40	Pole/Log	8																																																																		
Beech	50	Pole/Log	8	91																																																																	
Paper Birch	5	Pole/Log	8																																																																		
Sub-Canopy Species	Density	Avg. Height	Size																																																																		
Red Maple	High	5 - 10 feet	Sapling																																																																		
Beech	High	5 - 10 feet	Sapling																																																																		
Bigtooth Aspen	Medium	< 5 feet	Sapling																																																																		
44	42290 - Natural Mixed Pine	Sawtimber Well	12.4	96	81-110	N/A	2020: Ridges have more red pine, bowls pick up more hemlock and reproduction. 2010: On the western edge of the stand, there are large hemlock trees. The stand has quite a few snags for wildlife and is fairly diverse. There is quite a range of structural diversity.																																																														
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>3</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>10</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>White Spruce</td> <td>2</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>White Pine</td> <td>25</td> <td>Log/Pole/XLog</td> <td>14</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>35</td> <td>Log/Pole</td> <td>12</td> <td>96</td> </tr> <tr> <td>Hemlock</td> <td>10</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>5</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>10</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Red Maple	3	Pole	7		Paper Birch	10	Pole	8		White Spruce	2	Pole	8		White Pine	25	Log/Pole/XLog	14		Red Pine	35	Log/Pole	12	96	Hemlock	10	Log/Pole	10		Jack Pine	5	Log/Pole	10		Quaking Aspen	10	Log/Pole	10		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Medium</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>White Spruce</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Full</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Hemlock</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Medium	>20 feet	Sapling	White Spruce	Medium	Variable	Sapling	Balsam Fir	Full	Variable	Sapling	Hemlock	Low	Variable	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																																																	
Red Maple	3	Pole	7																																																																		
Paper Birch	10	Pole	8																																																																		
White Spruce	2	Pole	8																																																																		
White Pine	25	Log/Pole/XLog	14																																																																		
Red Pine	35	Log/Pole	12	96																																																																	
Hemlock	10	Log/Pole	10																																																																		
Jack Pine	5	Log/Pole	10																																																																		
Quaking Aspen	10	Log/Pole	10																																																																		
Sub-Canopy Species	Density	Avg. Height	Size																																																																		
Red Maple	Medium	>20 feet	Sapling																																																																		
White Spruce	Medium	Variable	Sapling																																																																		
Balsam Fir	Full	Variable	Sapling																																																																		
Hemlock	Low	Variable	Sapling																																																																		



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																									
45	4130 - Aspen	Sapling Poor	48.9	8	Immature	N/A	Natural Regen Intermediate check: 10/8/2019 - 750 TPA jack pine seedlings, 75 TPA red pine seedlings, 50 TPA red oak seedlings. Stand is fully stocked natural jack pine with red pine in association. Stand not FTG with abundant aspen with red maple saplings (3-8' tall). Scarification complete in 2014 under FTP C42-795. Cut in 2013 - Four Pocket Jack Pine (450021201) FTP 42-795 for scarification.																																									
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>4</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>28</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>65</td> <td>Sapling</td> <td>1</td> <td>8</td> </tr> <tr> <td>Jack Pine</td> <td>3</td> <td>Sapling</td> <td>1</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	White Pine	4	Sapling	1		Red Maple	28	Sapling	1		Quaking Aspen	65	Sapling	1	8	Jack Pine	3	Sapling	1		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Jack Pine</td> <td>High</td> <td>< 5 feet</td> <td>Seeding</td> </tr> <tr> <td>Red Pine</td> <td>Low</td> <td>< 5 feet</td> <td>Seeding</td> </tr> <tr> <td>Red Oak</td> <td>Low</td> <td>< 5 feet</td> <td>Seeding</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Jack Pine	High	< 5 feet	Seeding	Red Pine	Low	< 5 feet	Seeding	Red Oak	Low	< 5 feet	Seeding				
Canopy Species	% Cover	Size Class	DBH	Age																																												
White Pine	4	Sapling	1																																													
Red Maple	28	Sapling	1																																													
Quaking Aspen	65	Sapling	1	8																																												
Jack Pine	3	Sapling	1																																													
Sub-Canopy Species	Density	Avg. Height	Size																																													
Jack Pine	High	< 5 feet	Seeding																																													
Red Pine	Low	< 5 feet	Seeding																																													
Red Oak	Low	< 5 feet	Seeding																																													
46	42220 - Natural Jack Pine	Poletimber Well	65.7	36	51-80	N/A	Sale # 33-84 Jack pine removed and marked RP. Some pockets heavier to red pine logs than jack pine saplings. Scarified in fall 1985 under FTP 42-193. Some pockets were too thick with red pine to scarify.																																									
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>3</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>20</td> <td>Log/Pole</td> <td>13</td> <td>80</td> </tr> <tr> <td>Jack Pine</td> <td>77</td> <td>Pole/Sapling</td> <td>5</td> <td>36</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	White Pine	3	Log/Pole	12		Red Pine	20	Log/Pole	13	80	Jack Pine	77	Pole/Sapling	5	36	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>< 5 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Pine</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Low	5 - 10 feet	Sapling	White Pine	Low	< 5 feet	Sapling	Red Pine	Low	5 - 10 feet	Sapling									
Canopy Species	% Cover	Size Class	DBH	Age																																												
White Pine	3	Log/Pole	12																																													
Red Pine	20	Log/Pole	13	80																																												
Jack Pine	77	Pole/Sapling	5	36																																												
Sub-Canopy Species	Density	Avg. Height	Size																																													
Red Maple	Low	5 - 10 feet	Sapling																																													
White Pine	Low	< 5 feet	Sapling																																													
Red Pine	Low	5 - 10 feet	Sapling																																													
47	42210 - Natural Red Pine	Sawtimber Medium	10.7	106	81-110	N/A	Part of Perch Lake Pine Sale #33-02-01 Sale completed in 06/23/05 2020: A fair amount of aspen regen under RP overstory. Almost in the next BA range.																																									
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>5</td> <td>Log</td> <td>12</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>93</td> <td>Log/Pole</td> <td>14</td> <td>106</td> </tr> <tr> <td>Paper Birch</td> <td>2</td> <td>Pole</td> <td>8</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	White Pine	5	Log	12		Red Pine	93	Log/Pole	14	106	Paper Birch	2	Pole	8		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Paper Birch</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>High</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Medium	10 - 20 feet	Sapling	Paper Birch	Low	5 - 10 feet	Sapling	Bigtooth Aspen	High	10 - 20 feet	Sapling	White Pine	Medium	Variable	Sapling	Balsam Fir	Low	Variable	Sapling	
Canopy Species	% Cover	Size Class	DBH	Age																																												
White Pine	5	Log	12																																													
Red Pine	93	Log/Pole	14	106																																												
Paper Birch	2	Pole	8																																													
Sub-Canopy Species	Density	Avg. Height	Size																																													
Red Maple	Medium	10 - 20 feet	Sapling																																													
Paper Birch	Low	5 - 10 feet	Sapling																																													
Bigtooth Aspen	High	10 - 20 feet	Sapling																																													
White Pine	Medium	Variable	Sapling																																													
Balsam Fir	Low	Variable	Sapling																																													
48	4130 - Aspen	Sapling Well	35.8	29	Immature	N/A	Cut as sale # 22-92 in 7/1992																																									
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Bigtooth Aspen</td> <td>85</td> <td>Sapling/Pole</td> <td>4</td> <td>29</td> </tr> <tr> <td>Red Pine</td> <td>5</td> <td>Log</td> <td>11</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>5</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> <tr> <td>White Pine</td> <td>5</td> <td>Pole</td> <td>7</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Bigtooth Aspen	85	Sapling/Pole	4	29	Red Pine	5	Log	11		Jack Pine	5	Pole/Sapling	6		White Pine	5	Pole	7																							
Canopy Species	% Cover	Size Class	DBH	Age																																												
Bigtooth Aspen	85	Sapling/Pole	4	29																																												
Red Pine	5	Log	11																																													
Jack Pine	5	Pole/Sapling	6																																													
White Pine	5	Pole	7																																													
49	4140 - Other Upland Deciduous	Sawtimber Well	21.5	60	1-50	N/A	2010: Ridge separates this stand from the adjacent stand. Other canopy species include JP and WS 2020: Follows along hillside slope. Includes some pockets of pine along eastern edge.																																									
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>10</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>75</td> <td>Log/Pole</td> <td>12</td> <td>60</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>10</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>White Pine</td> <td>5</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	10	Log/Pole	10		Paper Birch	75	Log/Pole	12	60	Bigtooth Aspen	10	Log/Pole	10		White Pine	5	Pole/Log	8		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Beech</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Spruce</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Medium	5 - 10 feet	Sapling	Beech	Low	5 - 10 feet	Sapling	Balsam Fir	Medium	Variable	Sapling	White Spruce	Medium	5 - 10 feet	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																												
Red Maple	10	Log/Pole	10																																													
Paper Birch	75	Log/Pole	12	60																																												
Bigtooth Aspen	10	Log/Pole	10																																													
White Pine	5	Pole/Log	8																																													
Sub-Canopy Species	Density	Avg. Height	Size																																													
Red Maple	Medium	5 - 10 feet	Sapling																																													
Beech	Low	5 - 10 feet	Sapling																																													
Balsam Fir	Medium	Variable	Sapling																																													
White Spruce	Medium	5 - 10 feet	Sapling																																													



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
-------	--------------------	--------------	-------	-----------	----------	--------------	------------------

50 4112 - Maple, Beech, Cherry Association Sapling Well 9.8 36 1-50 N/A The private line along shelter bay land was cut in 2001. This sale was cut in 1985-1986 as part of sale # 27-85. All aspen, birch plus hardwoods 16"+ were cut. 2020: just coming into pole size.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	75	Sapling/Pole	4	36	Striped Maple	Low	5 - 10 feet	Tall Shrub
Beech	10	Sapling/Pole	4		Beech	Medium	5 - 10 feet	Sapling
Hemlock	10	Log/Pole	11		Hemlock	Low	5 - 10 feet	Sapling

51 122 - Road/Parking Lot Nonstocked 7.0 Unspecified No County Road 414.

52 42110 - Planted Red Pine Sawtimber Well 13.2 81 111-140 N/A Stand was planted in 1940.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	10	Pole/Log	8		Red Maple	Low	< 5 feet	Sapling
Red Pine	60	Log/Pole	12	81	Red Oak	Low	< 5 feet	Sapling
Jack Pine	30	Pole/Log	8					

53 42110 - Planted Red Pine Sawtimber Well 5.6 104 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	5	Pole/Sapling	7		Red Maple	Low	>20 feet	Sapling
Paper Birch	5	Pole	6		Beech	Low	5 - 10 feet	Sapling
White Pine	10	Log/Pole	14		Balsam Fir	Low	Variable	Sapling
Red Pine	73	Log/Pole	14	104	Red Pine	Low	Variable	Sapling
Jack Pine	5	Pole/Log	9		White Pine	Low	Variable	Sapling
Bigtooth Aspen	2	Log/Pole	12					

54 500 - Water Nonstocked 11.2 Unspecified No

55 42110 - Planted Red Pine Sawtimber Well 45.0 80 111-140 N/A Small hardwood/aspen inclusions. Hardwood understory.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	5	Pole	8		Red Oak	Low	Variable	Sapling
Bigtooth Aspen	5	Log/Pole	12		Balsam Fir	Medium	Variable	Sapling
White Pine	10	Log/Pole	11		White Pine	Low	Variable	Sapling
Red Pine	65	Log/Pole	12	80	Red Maple	Medium	Variable	Sapling
Jack Pine	10	Pole	8					
Red Oak	5	Log/Pole	10					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
-------	--------------------	--------------	-------	-----------	----------	--------------	------------------

56 42141 - Planted Mixed Pine, Mixed Deciduous Sawtimber Well 25.7 104 81-110 N/A This stand includes the Perch Lake Campground and access site. Some areas of the Red Pine are thicker within the campground.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	5	Pole	8		Red Maple	Medium	Variable	Sapling
Paper Birch	15	Pole/Log	9		Beech	Low	Variable	Sapling
White Pine	20	Log/Pole	13		Paper Birch	Low	10 - 20 feet	Sapling
Red Pine	55	Log	14	104	White Pine	Low	Variable	Sapling
Jack Pine	5	Pole	8		Red Pine	Low	< 5 feet	Seeding
					Jack Pine	Low	>20 feet	Pole
					Black Cherry	Low	10 - 20 feet	Sapling

57 42120 - Planted Jack Pine Poletimber Well 3.8 51 Unspecified N/A Jack pine plantation that borders Perch Lake. Spacing is pretty tight in some areas. There are some taller spruce and pine on the lake side of the stand. The lake side of the stand is very steep and unmanagable. Stand was planted in Fall 1970

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Jack Pine	100	Pole	6	51	Red Maple	Low	< 5 feet	Sapling
					Paper Birch	Low	10 - 20 feet	Sapling
					Bigtooth Aspen	Low	< 5 feet	Sapling
					White Spruce	Low	10 - 20 feet	Sapling
					Serviceberry (Juneberry)	Low	5 - 10 feet	Tall Shrub

58 42290 - Natural Mixed Pine Sawtimber Medium 11.7 85 1-50 N/A Has a small pocket of jack pine in the southern edge of the stand. Some large super canopy, log sized red pine in the overstory. Heavier conifer component in this stand. There is a lot of oak regeneration in the understory. Beech is affected by scale. There is a pull-off and path down to the lake within this stand.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Beech	5	Pole/Sapling	5		Red Maple	High	5 - 10 feet	Sapling
Paper Birch	15	Pole/Sapling	6		Beech	Medium	5 - 10 feet	Sapling
Bigtooth Aspen	5	Pole/Log	8		Red Oak	Medium	5 - 10 feet	Sapling
White Pine	20	Log	11		Bigtooth Aspen	Medium	10 - 20 feet	Sapling
Red Pine	40	Log/Pole	12	85	White Spruce	Low	>20 feet	Sapling
Jack Pine	15	Pole/Log	8		White Pine	Medium	5 - 10 feet	Sapling
					Red Pine	Medium	10 - 20 feet	Sapling
					Jack Pine	Medium	10 - 20 feet	Pole

59 4140 - Other Upland Deciduous Poletimber Medium 4.7 58 1-50 N/A Beech is heavily affected by scale. Most of the red pine is super canopy and the understory is quite thick. There are some snags throughout the stand that would be good for wildlife. With all the dying beech, the amount of snags will increase. The canopy closure is on the higher end of the 50-75 range.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	10	Pole	7		Red Maple	High	< 5 feet	Sapling
Beech	3	Pole	6		Beech	High	< 5 feet	Tall Shrub
Paper Birch	70	Pole	8	58	White Spruce	Low	5 - 10 feet	Sapling
Bigtooth Aspen	2	Pole	6		White Pine	Low	< 5 feet	Tall Shrub
Red Pine	10	Log/Pole	12					
Jack Pine	5	Pole	6					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																							
60	4319 - Mixed Upland Forest	Sawtimber Medium	6.9	85	51-80	N/A	There is a lot of regeneration in this stand. Was thinned before as part of sale# 19-85 2020: Beech has mostly died out. Very thick understory. Remaining JP is old., but good to leave for wildlife.																																																							
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>10</td> <td>Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Beech</td> <td>10</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>30</td> <td>Pole/Log</td> <td>10</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>30</td> <td>Log/Pole</td> <td>12</td> <td>85</td> </tr> <tr> <td>Jack Pine</td> <td>10</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>White Pine</td> <td>10</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	10	Pole	10		Beech	10	Pole/Log	8		Paper Birch	30	Pole/Log	10		Red Pine	30	Log/Pole	12	85	Jack Pine	10	Log/Pole	10		White Pine	10	Log/Pole	12		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>High</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Beech</td> <td>Full</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>White Spruce</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Black Spruce</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Cherry (spp.)</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	High	5 - 10 feet	Sapling	Beech	Full	10 - 20 feet	Sapling	White Spruce	Low	Variable	Sapling	Black Spruce	Low	5 - 10 feet	Sapling	Cherry (spp.)	Low	5 - 10 feet	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																																										
Red Maple	10	Pole	10																																																											
Beech	10	Pole/Log	8																																																											
Paper Birch	30	Pole/Log	10																																																											
Red Pine	30	Log/Pole	12	85																																																										
Jack Pine	10	Log/Pole	10																																																											
White Pine	10	Log/Pole	12																																																											
Sub-Canopy Species	Density	Avg. Height	Size																																																											
Red Maple	High	5 - 10 feet	Sapling																																																											
Beech	Full	10 - 20 feet	Sapling																																																											
White Spruce	Low	Variable	Sapling																																																											
Black Spruce	Low	5 - 10 feet	Sapling																																																											
Cherry (spp.)	Low	5 - 10 feet	Sapling																																																											
61	42110 - Planted Red Pine	Sawtimber Well	35.0	96	81-110	N/A																																																								
62	42220 - Natural Jack Pine	Sapling Well	4.2	37	Unspecified	N/A	2020: growing into pole size but not there yet. Sale #10-82, cut fall 1983. FTP 42-146, completed 6/84.																																																							
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>8</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>90</td> <td>Sapling</td> <td>3</td> <td>37</td> </tr> <tr> <td>Quaking Aspen</td> <td>2</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Pine	8	Log/Pole	12		Jack Pine	90	Sapling	3	37	Quaking Aspen	2	Pole/Log	9																																										
Canopy Species	% Cover	Size Class	DBH	Age																																																										
Red Pine	8	Log/Pole	12																																																											
Jack Pine	90	Sapling	3	37																																																										
Quaking Aspen	2	Pole/Log	9																																																											
63	42220 - Natural Jack Pine	Sapling Well	7.5	24	Immature	N/A	Cut in 1996-97 as part of #033-92, Two Heart Trail Sale.																																																							
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>2</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>28</td> <td>Log/Pole</td> <td>14</td> <td>80</td> </tr> <tr> <td>Jack Pine</td> <td>70</td> <td>Sapling</td> <td>3</td> <td>24</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	White Pine	2	Log/Pole	12		Red Pine	28	Log/Pole	14	80	Jack Pine	70	Sapling	3	24																																									
Canopy Species	% Cover	Size Class	DBH	Age																																																										
White Pine	2	Log/Pole	12																																																											
Red Pine	28	Log/Pole	14	80																																																										
Jack Pine	70	Sapling	3	24																																																										
64	122 - Road/Parking Lot	Nonstocked	6.2		Unspecified	No	County Road 407 and 390 ROW.																																																							
65	310 - Herbaceous Openland	Nonstocked	25.0	0	Unspecified	4212 - Planted Jack Pine	ATV trail runs through the stand. (2/24/16) Sale #420031201 Jack Pine-A-Saurus. TCR 1/4/16. Scarified in summer 2016 as part of FTP C42-796. Trenched and planted at some point following, but no records. Regen check (entire sale area) summer 2017. Jack Pine: 644 trees/acre, Red Maple: 265 trees/acre, Black Cherry: 10 trees/acre, Red Pine: 10 trees/acre, Big-toothed Aspen: 40 trees/acre.																																																							
<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Jack Pine</td> <td>Medium</td> <td>< 5 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Low</td> <td>< 5 feet</td> <td>Sapling</td> </tr> <tr> <td>Paper Birch</td> <td>Low</td> <td>< 5 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Jack Pine	Medium	< 5 feet	Sapling	Red Maple	Low	< 5 feet	Sapling	Paper Birch	Low	< 5 feet	Sapling																																													
Sub-Canopy Species	Density	Avg. Height	Size																																																											
Jack Pine	Medium	< 5 feet	Sapling																																																											
Red Maple	Low	< 5 feet	Sapling																																																											
Paper Birch	Low	< 5 feet	Sapling																																																											
							2020: stand planted. jp ~2-4' tall with occasional rm & wb.																																																							
66	42110 - Planted Red Pine	Sawtimber Poor	22.5	80	1-50	N/A	Sale # 33-84 Jack pine removed and marked RP Scarified in summer 2004 under FTP 42-566																																																							
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>5</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>95</td> <td>Log/Pole</td> <td>12</td> <td>80</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	White Pine	5	Log/Pole	12		Red Pine	95	Log/Pole	12	80	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Red Pine</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Jack Pine</td> <td>Medium</td> <td>>20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Low	10 - 20 feet	Sapling	White Pine	Medium	Variable	Sapling	Red Pine	Low	5 - 10 feet	Sapling	Jack Pine	Medium	>20 feet	Sapling																								
Canopy Species	% Cover	Size Class	DBH	Age																																																										
White Pine	5	Log/Pole	12																																																											
Red Pine	95	Log/Pole	12	80																																																										
Sub-Canopy Species	Density	Avg. Height	Size																																																											
Red Maple	Low	10 - 20 feet	Sapling																																																											
White Pine	Medium	Variable	Sapling																																																											
Red Pine	Low	5 - 10 feet	Sapling																																																											
Jack Pine	Medium	>20 feet	Sapling																																																											



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments	
67	42210 - Natural Red Pine	Sawtimber Well	37.5	108	111-140	N/A	Cut as part of Enchanted Forest Pine Sale # 031-02-01 Completed 8/27/2003. Also thinned in 1983 as part of #25-82. 2020: mostly flat ground (in a bowl) surrounded by ridges. Tall trees! Variable BA.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
White Pine		10	Log/Pole	14		Red Maple		
Red Pine		90	Log/Pole	14	108	White Pine		
						White Spruce		
						Density	Avg. Height	
						Low	>20 feet	
						Medium	Variable	
						Low	Variable	
							Size	
							Sapling	
							Sapling	
							Sapling	
68	42210 - Natural Red Pine	Sawtimber Well	29.9	77	111-140	N/A	Very rolling terrain. Small log stand.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Red Pine		60	Log/Pole	12	77	White Pine		
Jack Pine		1	Log	10				
White Pine		29	Pole/Log	9				
Paper Birch		6	Pole	7				
Bigtooth Aspen		3	Pole/Log	8				
Red Maple		1	Pole	8				
						Density	Avg. Height	
						Medium	Variable	
							Size	
							Sapling	
69	42110 - Planted Red Pine	Sawtimber Well	26.8	80	81-110	N/A	Cut as part of Enchanted Forest Pine Sale # 031-02-01 Completed 8/27/2003. 2020: large diameter red pine - smaller diameters to the east. Includes some steep topography - drainage bowl E-W. Understory is variable - from full aspen on west end to little on east end.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
White Pine		10	Log/Pole	11		Bigtooth Aspen		
Red Pine		90	Log	15	80	White Pine		
						Red Pine		
						Density	Avg. Height	
						High	>20 feet	
						Medium	Variable	
						Low	Variable	
							Size	
							Sapling	
							Sapling	
							Sapling	
70	42110 - Planted Red Pine	Sawtimber Well	17.1	80	111-140	N/A	Planted in the fall of 1941: 2-0 jack pine, red pine and 3-0 white pine 2020: Mixed red pine/jack pine with some white pine - variable. Occasional birch and aspen.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Red Pine		60	Log/Pole	12	80	Red Maple		
Jack Pine		30	Pole/Log	9		White Pine		
White Pine		10	Log/Pole	10		Red Pine		
						Density	Avg. Height	
						Low	Variable	
						Low	Variable	
						Low	Variable	
							Size	
							Sapling	
							Sapling	
							Sapling	
71	4119 - Mixed Northern Hardwoods	Sapling Well	14.8	31	Immature	N/A	Stand was cut as part of sale # 57-84 and was cut in 1990.2020: On top of bluff. More hardwood and less softwood than stand to the north.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Paper Birch		15	Sapling/Pole	4		Beech		
White Spruce		5	Pole/Sapling	6		Balsam Fir		
White Pine		5	Log/Pole	10				
Hemlock		5	Pole/Log/Sap	8				
Balsam Fir		5	Pole/Sapling	6				
Red Maple		40	Sapling/Pole	3	31			
Sugar Maple		10	Sapling/Pole	3				
Beech		10	Sapling/Pole	4				
Basswood		5	Sapling	3				
						Density		Avg. Height
						Low	10 - 20 feet	
						Low	Variable	
							Size	
							Sapling	
							Sapling	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																			
72	42110 - Planted Red Pine	Sawtimber Poor	9.9	80	1-50	N/A	ATV trail runs through the stand. Overstory was planted in the fall of 1941 and harvested in 2002-2004 as the Mixed Firelane Pine, sale #020-02. North unit of sale was cut 10/2002 and scarified 7/2004 (FTP 42-575) Regeneration count completed (for entire sale area) 5/8/2006 = 223 t/ac (80 J, 111 A, 16 RM, 15 Beech) Continue to monitor for success. Secondary count 5/31/2008 (Unit 1) = 176 t/ac (66 J, 22 RP, 88 W) Seedlings are now 1-2' high.																																			
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>100</td> <td>Log/Pole</td> <td>12</td> <td>80</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Pine	100	Log/Pole	12	80	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Jack Pine</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Aspen (spp.)</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	White Pine	Low	Variable	Sapling	Jack Pine	Medium	10 - 20 feet	Sapling	Aspen (spp.)	Low	10 - 20 feet	Sapling													
Canopy Species	% Cover	Size Class	DBH	Age																																						
Red Pine	100	Log/Pole	12	80																																						
Sub-Canopy Species	Density	Avg. Height	Size																																							
White Pine	Low	Variable	Sapling																																							
Jack Pine	Medium	10 - 20 feet	Sapling																																							
Aspen (spp.)	Low	10 - 20 feet	Sapling																																							
Two areas were identified with no regeneration, trenched in fall 2011 and planted to JP in spring 2012. Small acreage and no followup checks.																																										
73	42110 - Planted Red Pine	Sawtimber Poor	8.6	80	1-50	N/A	Overstory was planted in the fall of 1941 and harvested in 2002-2004 as the Mixed Firelane Pine, sale #020-02. North unit of sale was cut 10/2002 and scarified 7/2004 (FTP 42-575) Regeneration count completed (for entire sale area) 5/8/2006 = 223 t/ac (80 J, 111 A, 16 RM, 15 Beech) Continue to monitor for success. Secondary count 5/31/2008 (Unit 1) = 176 t/ac (66 J, 22 RP, 88 W) Seedlings are now 1-2' high.																																			
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>100</td> <td>Log/Pole</td> <td>11</td> <td>80</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Pine	100	Log/Pole	11	80	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Jack Pine</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Aspen (spp.)</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	White Pine	Low	Variable	Sapling	Jack Pine	Medium	10 - 20 feet	Sapling	Aspen (spp.)	Low	10 - 20 feet	Sapling													
Canopy Species	% Cover	Size Class	DBH	Age																																						
Red Pine	100	Log/Pole	11	80																																						
Sub-Canopy Species	Density	Avg. Height	Size																																							
White Pine	Low	Variable	Sapling																																							
Jack Pine	Medium	10 - 20 feet	Sapling																																							
Aspen (spp.)	Low	10 - 20 feet	Sapling																																							
Two areas were identified with no regeneration, trenched in fall 2011 and planted to JP in spring 2012. Small acreage and no followup checks.																																										
74	4133 - Aspen, Mixed Pine	Sapling Well	11.4	37	1-50	N/A	Cut in 1984 as part of #34-82.																																			
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>15</td> <td>Pole/Log</td> <td>8</td> <td>96</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>60</td> <td>Sapling/Pole</td> <td>4</td> <td>37</td> </tr> <tr> <td>White Pine</td> <td>15</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>10</td> <td>Sapling/Pole</td> <td>3</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Pine	15	Pole/Log	8	96	Bigtooth Aspen	60	Sapling/Pole	4	37	White Pine	15	Pole/Log	8		Red Maple	10	Sapling/Pole	3																	
Canopy Species	% Cover	Size Class	DBH	Age																																						
Red Pine	15	Pole/Log	8	96																																						
Bigtooth Aspen	60	Sapling/Pole	4	37																																						
White Pine	15	Pole/Log	8																																							
Red Maple	10	Sapling/Pole	3																																							
75	42210 - Natural Red Pine	Sawtimber Medium	19.1	103	51-80	N/A	Cut under 42-004-12-01, Split It Now Pine. TCR 07/28/2015. Scarification of the site was completed summer of 2015. 2020: not much in the way of any pine regeneration. Some areas have aspen regen, but otherwise it's a scattered mix of stump sprout maple/birch or white pine. This stand was delineated out due to the advanced aspen regeneration.																																			
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>75</td> <td>Log/Pole</td> <td>14</td> <td>103</td> </tr> <tr> <td>White Pine</td> <td>25</td> <td>Log/Pole</td> <td>14</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Pine	75	Log/Pole	14	103	White Pine	25	Log/Pole	14		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Bigtooth Aspen</td> <td>High</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Paper Birch</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Bigtooth Aspen	High	10 - 20 feet	Sapling	Red Maple	Medium	5 - 10 feet	Sapling	Paper Birch	Low	5 - 10 feet	Sapling	White Pine	Medium	Variable	Sapling				
Canopy Species	% Cover	Size Class	DBH	Age																																						
Red Pine	75	Log/Pole	14	103																																						
White Pine	25	Log/Pole	14																																							
Sub-Canopy Species	Density	Avg. Height	Size																																							
Bigtooth Aspen	High	10 - 20 feet	Sapling																																							
Red Maple	Medium	5 - 10 feet	Sapling																																							
Paper Birch	Low	5 - 10 feet	Sapling																																							
White Pine	Medium	Variable	Sapling																																							
76	42210 - Natural Red Pine	Sawtimber Medium	21.9	103	51-80	N/A	Cut under 42-004-12-01, Split It Now Pine. TCR 07/28/2015. Scarification of the site was completed summer of 2015. 2020: not much in the way of any pine regeneration. Some areas have aspen regen, but otherwise it's a scattered mix of stump sprout maple/birch or white pine. Originally part of stand 22, but broken off due to splitting out aspen stand (75).																																			
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>75</td> <td>Log/Pole</td> <td>14</td> <td>103</td> </tr> <tr> <td>White Pine</td> <td>25</td> <td>Log/Pole</td> <td>14</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Pine	75	Log/Pole	14	103	White Pine	25	Log/Pole	14		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Bigtooth Aspen</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Paper Birch</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Bigtooth Aspen	Medium	10 - 20 feet	Sapling	Red Maple	Medium	5 - 10 feet	Sapling	Paper Birch	Low	5 - 10 feet	Sapling	White Pine	Medium	Variable	Sapling				
Canopy Species	% Cover	Size Class	DBH	Age																																						
Red Pine	75	Log/Pole	14	103																																						
White Pine	25	Log/Pole	14																																							
Sub-Canopy Species	Density	Avg. Height	Size																																							
Bigtooth Aspen	Medium	10 - 20 feet	Sapling																																							
Red Maple	Medium	5 - 10 feet	Sapling																																							
Paper Birch	Low	5 - 10 feet	Sapling																																							
White Pine	Medium	Variable	Sapling																																							