

Compartment Review Presentation

Shingleton Forest Management Unit

Compartment 41104 Entry Year 2022

Acreage: 2,415

County Alger

Management Area: Deer Park

Revision Date: 2020-07-16

Stand Examiner: Bob Burnham

Legal Description:

T49N R13W secs. 22, 23, 26-28, 33-36, T48N R13W sec 1 and 2

Identified Planning Goals:

This compartment is at the west edge of the Deer Park Management Area.

Soil and topography:

The large opening complex portion of the compartment is on Kalkaska Sand, 0-6% slopes, severely burned. The hardwoods and upland conifers are on Garlic Sand, 0-35% slopes and Paquin Sand 0-3% slopes. There are some Tawas-Deford Mucks near drainages. The Sucker River has steep sandy bluffs along it.

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

Much of the surrounding forest land to the west and south is owned by Hancock Forest land, with a few private parcels. Burt Township owns some adjacent land to the north. A large land exchange was resolved with Burt Township involving the Airport since the last inventory cycle. In addition, the historic Gun Range that is partly on State land has been leased to Burt Township.

Unique Natural Features:

Wood Turtle (Clemmys insculpta, state special concern) could occur in and along Sucker River. There is also potential for nesting red-shouldered hawk (Buteo lineatus, state threatened) and Northern goshawks (Accipiter gentilis, state special concern) to occur throughout this compartment in stands of northern hardwoods, mixed swamp conifer, mature aspen and swamp hardwood

Archeological, Historical, and Cultural Features:

Turn of the century logging was conducted in this area; Whitewash Camp was active then.

Special Management Designations or Considerations:

None at this time.

Watershed and Fisheries Considerations:

The Sucker River runs along the eastern border of this compartment. This stream is a Type-4 designated trout stream and it's riparian zone and valley walls are unstable due to the very sandy soils covering the area. Any treatments near the riparian zone should consider a buffer from the top of the valley walls (bluff or ridge) for 100 ft plus 5 ft per 1% increase in slope.

Wildlife Habitat Considerations:

Compartment 104 lies within north east Schoolcraft county in the Grand Marias Sandy End Moraine and Outwash ecological sub-subsection and is a part of the Deer Park Management area with American marten, Kirtland's warbler, piping plover, and red crossbill as featured species. It is characterized by a growing season of between 100 and 140 days, winter temperatures as low as –40 degrees F, and average snowfalls of 180 inches.

Pre-settlement vegetation within this compartment was dominated by an upland mix of northern hardwoods and conifers. Species included sugar maple, red maple, hemlock, beech, yellow birch, white birch, balsam fir, and white pine. Logging and intense wildfires substantially altered the soil composition. Today, much of the soil within the compartment is raw sand. There are some stands in the southern portion of the compartment that continue to exhibit a species mix similar to pre-settlement vegetation, however, the current landcover is early successional in nature. Upland openings dominate. Major timber types include aspen, planted jack pine, and northern hardwoods. The Grand Marias airport is in the northwest corner of the compartment. The Sucker River forms the eastern boundary of the compartment.

Wildlife habitat objectives for this compartment are maintaining the large upland openings, and promoting mesic conifers,

species and structural diversity in hardwood stands. Other wildlife priorities include maintaining high biodiversity values in natural mixed pine and red pine stands, retention of large diameter red and white pine, retention of under-represented species in all forest types, promoting coarse woody debris and snags, and maintaining some larger than average jack pine cuts. Other wildlife species of interest include moose, gray wolves, sharp-tailed grouse and sandhill cranes.

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 metallic mineral potential in this area. The closest active sand/gravel pit is just over three miles to the northwest. Little information is available on the composition of the surficial sediments in the compartment, but there may be some sand & gravel potential. No current mineral leasing activity exists in the area. The state does not own all the mineral rights within the compartment and may or may not own the rights to the non-metallic minerals depending on deed language. 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:

The Old Seney Road is a County Road and provided access along the west edge of the compartment. The compartment has a number of poor dirt roads providing access to the whole area.

Survey Needs:

Corners will be needed to complete the stands that are proposed for harvest in Sections 33 and 22.

Recreational Facilities and Opportunities:

Old Seney Road is a snowmobile trail. In addition, Burt Township has a Gun Range in Section 22. There are several sites along the Sucker River where dispersed camping occurs, usually in conjunction with fishing. Steps were built in two locations to provide fishing access down the steep sandy banks to the River. The two-track roads are often used by ORV's. Some hunting of bear, grouse, and deer occurs here.

Fire Protection:

Existing roads provide adequate access for fire equipment.

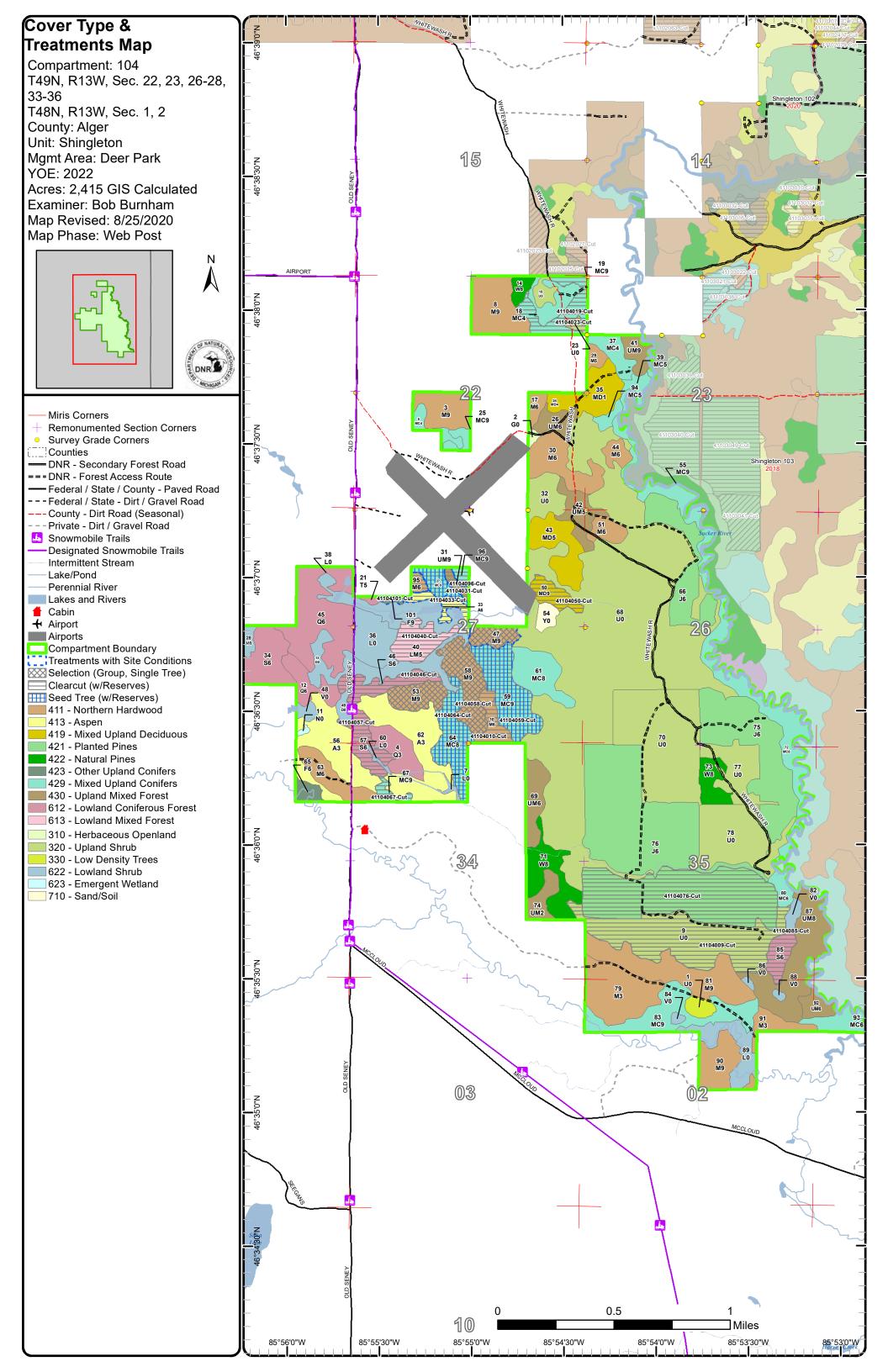
Additional Compartment Information:

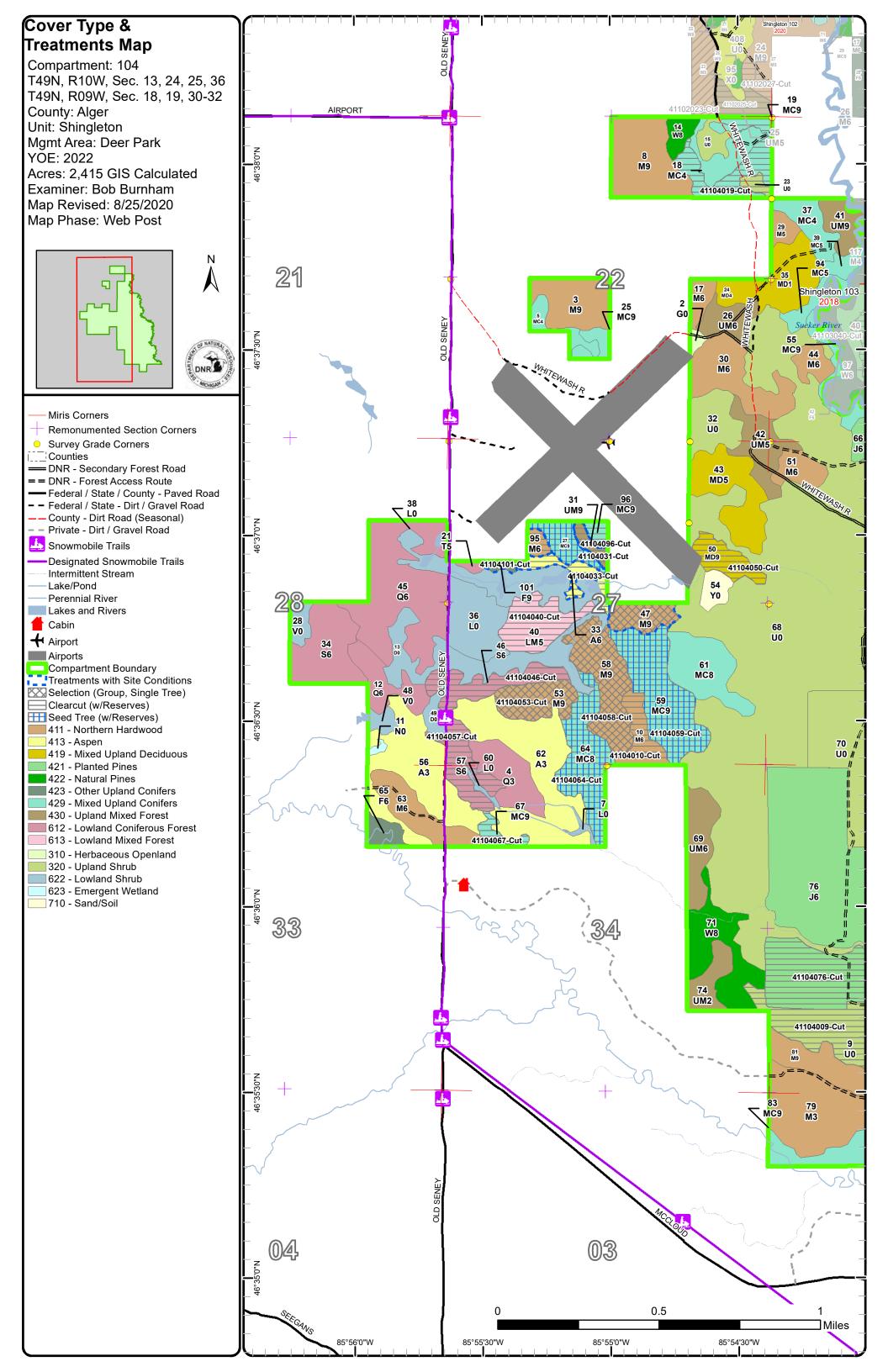
The following reports from the Inventory are attached:

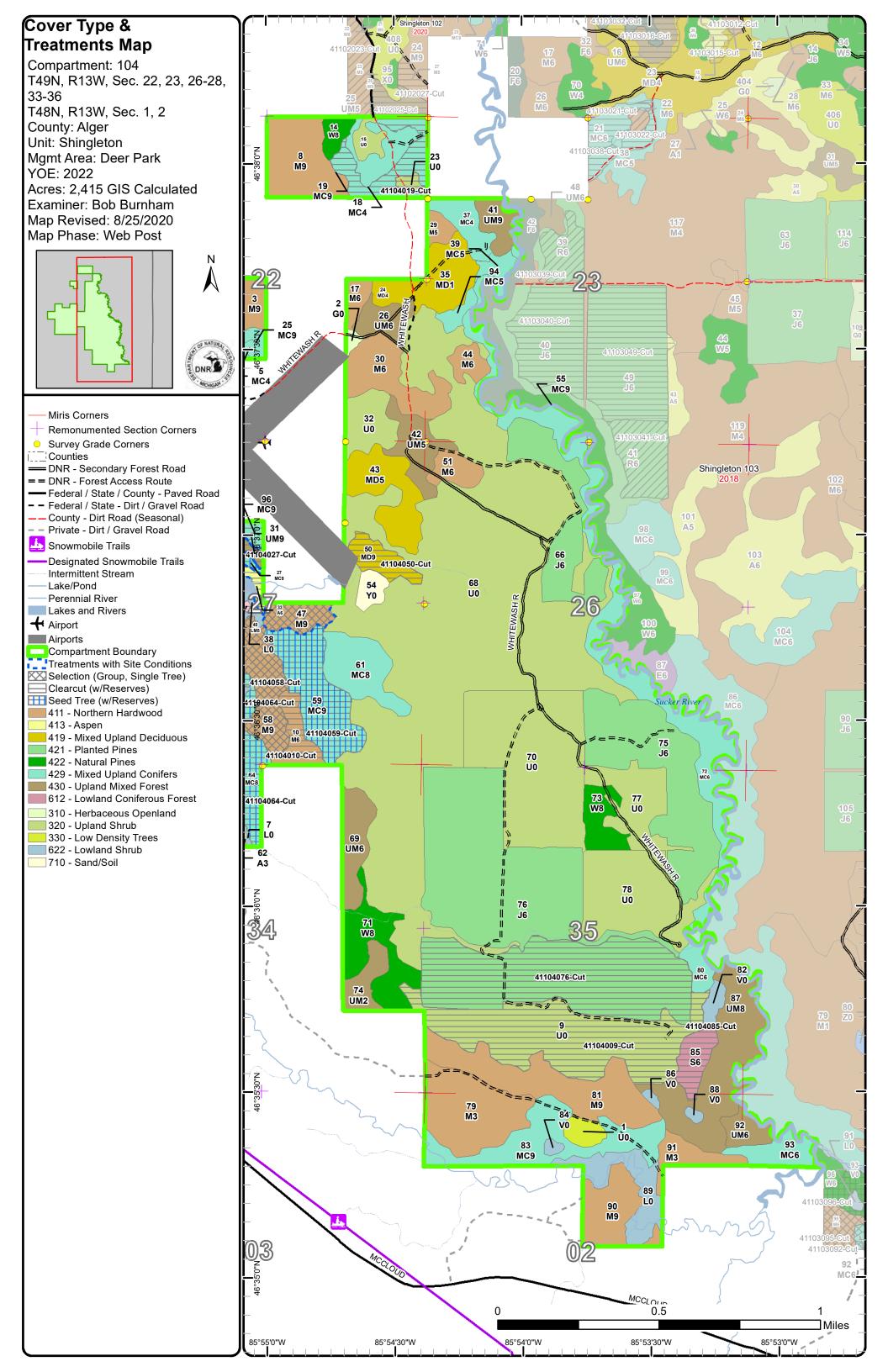
Total Acres by Cover Type and Age Class
Cover Type by Harvest Method
Proposed Treatments – No Limiting Factors
Proposed Treatments – With Limiting Factors
Stand Details (Forested and Nonforested)
Dedicated and Proposed Special Conservation Areas
Site Condition Details

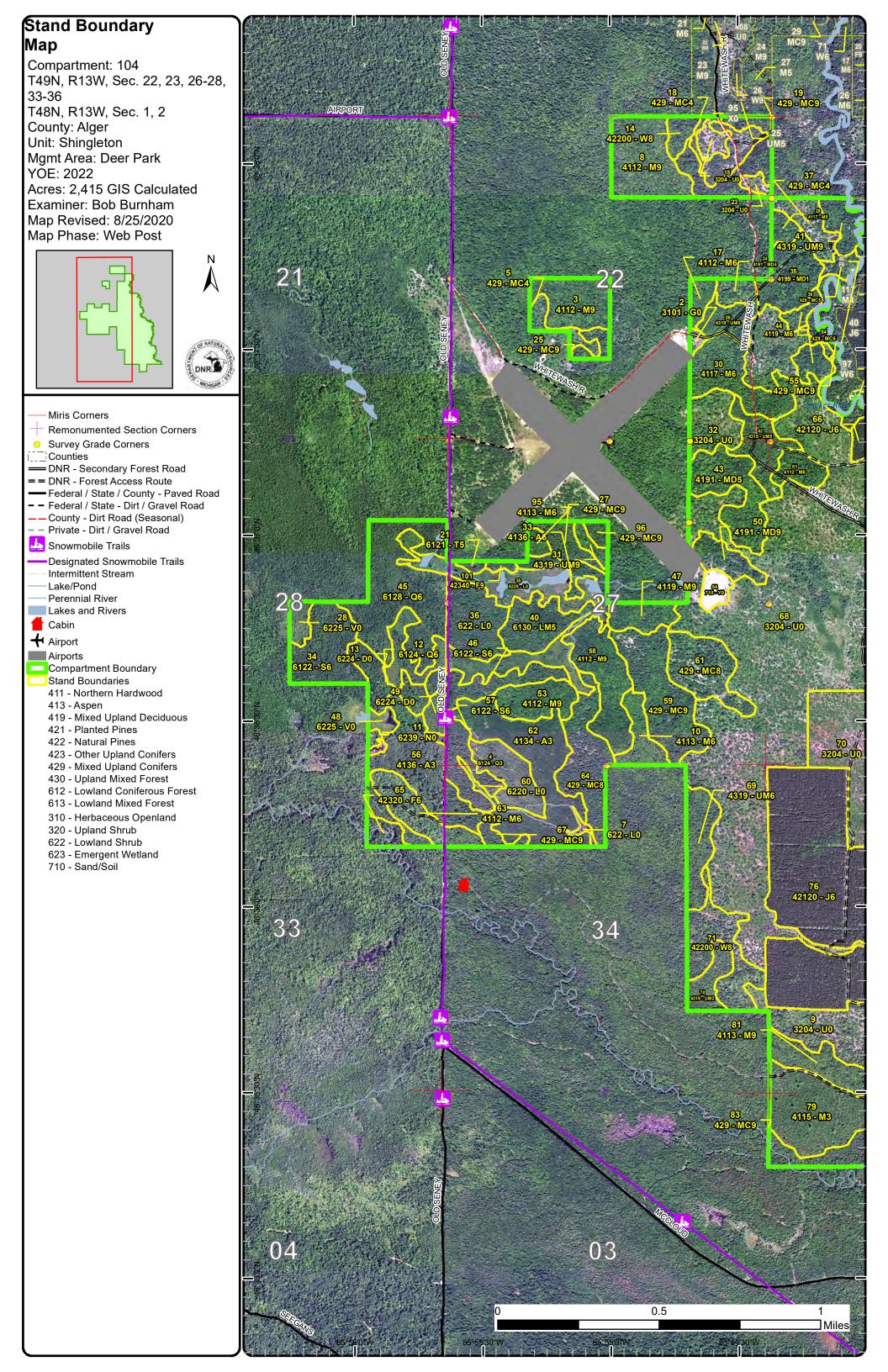
The following information is displayed, where pertinent, on the attached compartment maps:

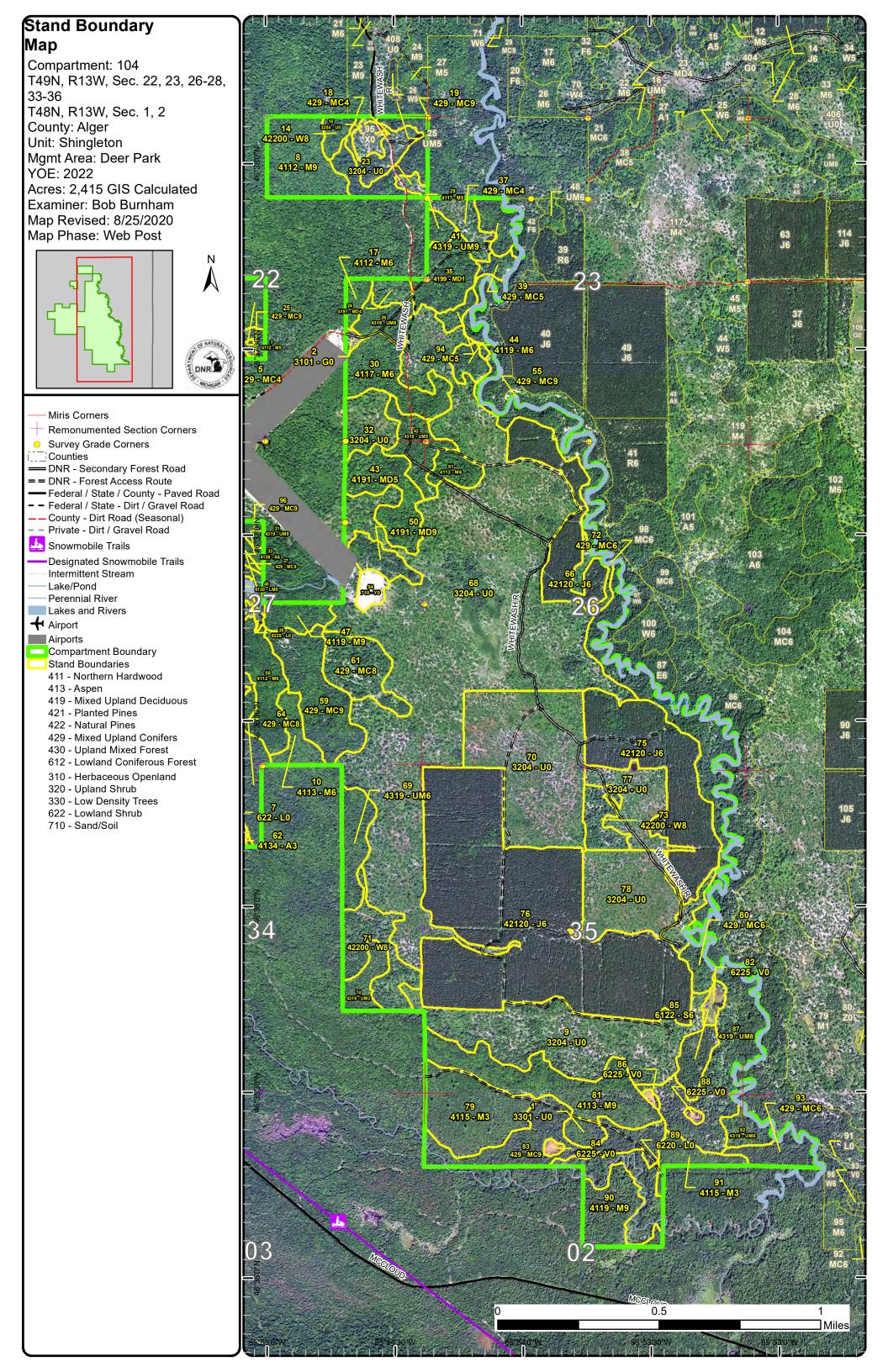
Base feature information, stand boundaries, cover types, and numbers Proposed treatments
Site condition boundaries
Details on the road access system

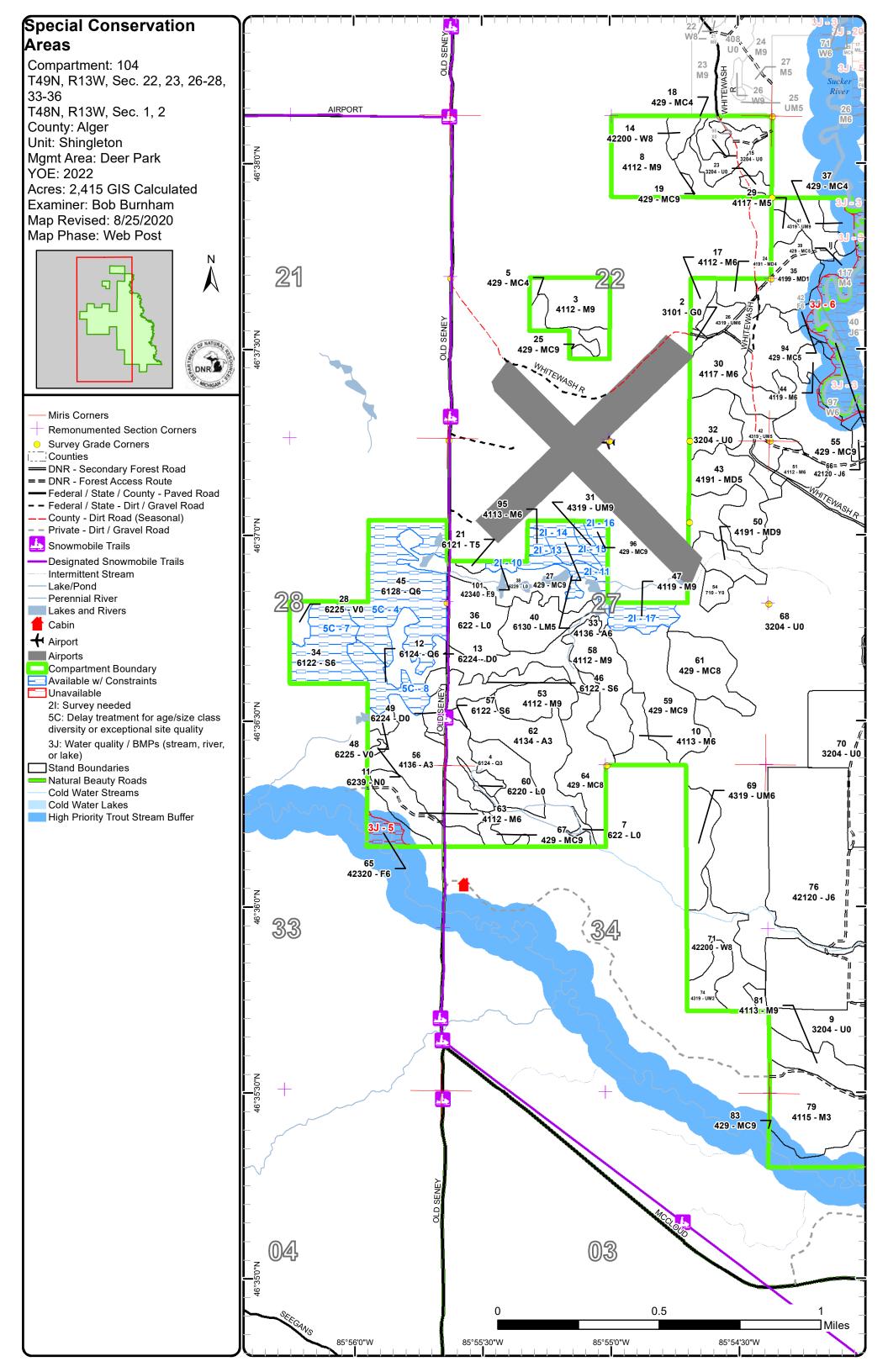


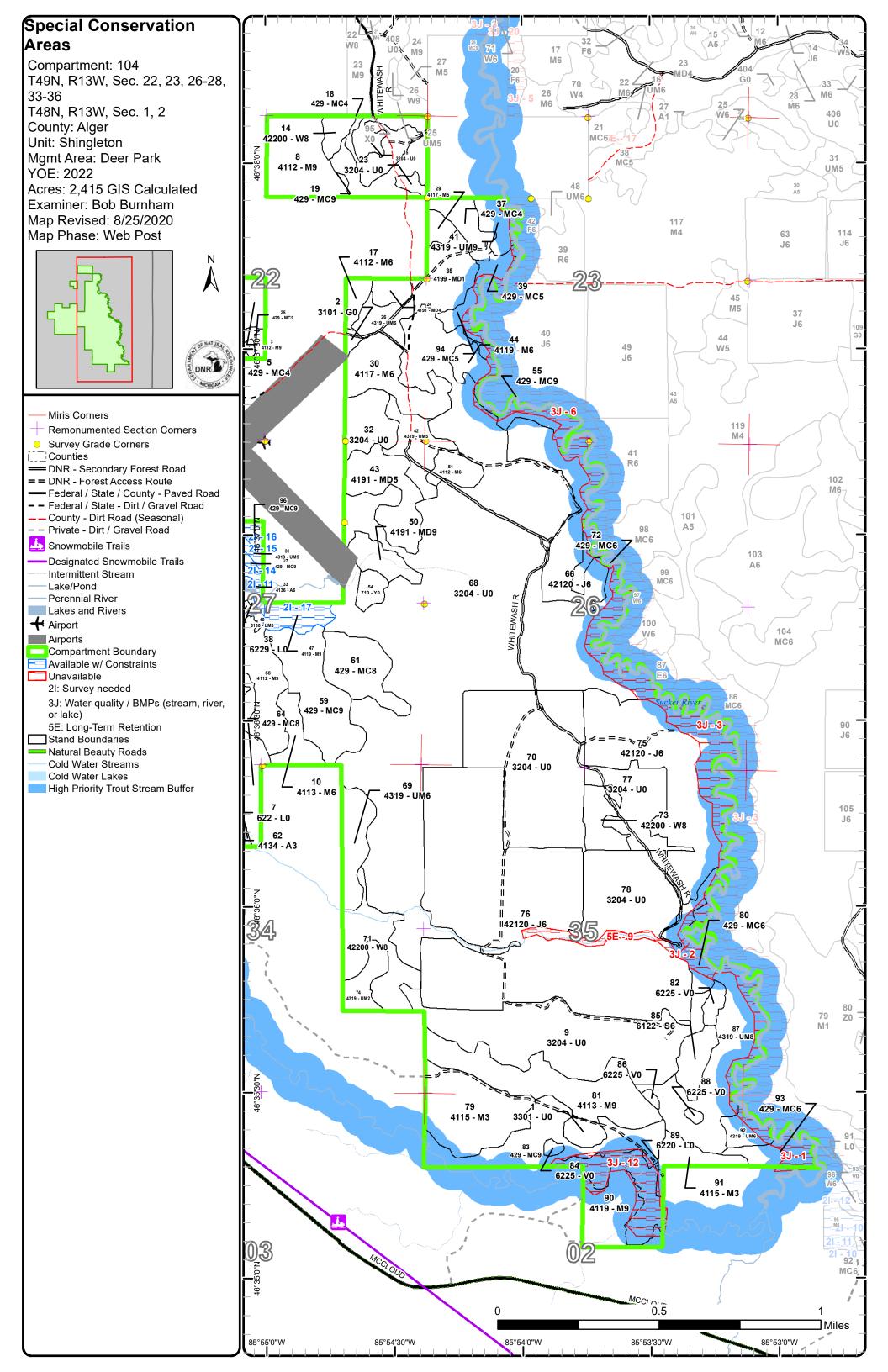












Shingleton Mgt. Unit

Bob Burnham: Examiner

Compartment 104 Year of Entry 2022



Age Class

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Aspen	0	0	0	98	0	9	0	0	0	0	0	0	0	0	0	0	0	0	107
Bog	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17
Herbaceous Openland	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Jack Pine	0	0	0	0	0	357	0	0	0	0	0	0	0	0	0	0	0	0	357
Low-Density Trees	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Lowland Conifers	0	0	0	19	0	0	0	0	0	74	0	0	0	0	0	0	0	0	92
Lowland Mixed Forest	0	0	0	0	0	0	0	0	0	20	0	0	0	0	0	0	0	0	20
Lowland Shrub	98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	98
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	0	73	0	0	0	0	0	0	0	0	72
Marsh	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Mixed Upland Deciduous	0	21	0	0	0	0	0	0	39	0	0	0	0	0	0	0	0	6	66
Northern Hardwood	0	0	53	0	0	5	0	0	64	204	0	0	0	0	0	0	0	0	326
Sand, Soil	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Tamarack	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2
Treed Bog	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17
Upland Conifers	0	0	0	0	25	7	29	83	0	30	0	0	0	0	0	0	0	145	319
Upland Mixed Forest	0	0	11	0	0	0	0	11	35	4	0	0	0	0	0	0	0	74	135
Upland Shrub	717	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	717
Upland Spruce/Fir	0	0	0	0	0	0	0	0	6	2	0	0	0	0	0	0	0	0	8
White Pine	0	0	0	0	0	0	28	0	0	6	0	0	0	0	0	0	0	13	47
Total	864	21	64	117	25	378	57	96	144	413	0	0	0	0	0	0	0	238	2415



Report 2 – Treatment Summary

Shingleton Mgt. Unit Year of Entry: 2022

Acres of Harvest

Compartment 104
Total Compartment Acres: 2,415

Commercial Harvest - 430 Harvests with Site Condition - 42 Next Step Harvest - 0 Habitat Cut - 0

Cover Type by Harvest Method

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Aspen		9	0	0	0	0	0	0	0	0	9	[
Jack Pine		110	0	0	0	0	0	0	0	0	110	
Lowland Mixed Forest		20	0	0	0	0	0	0	0	0	20	
Lowland Spruce/Fir		46	0	0	0	0	0	0	0	0	46	
Mixed Upland Deciduous		11	0	0	0	0	0	0	0	0	11	
Northern Hardwood		15	56	0	0	0	0	0	0	0	71	
Upland Conifers		28	0	0	79	0	0	0	0	0	107	
Upland Mixed Forest		4	0	0	0	0	0	0	0	0	4	
Upland Shrub		92	0	0	0	0	0	0	0	0	92	
Upland Spruce/Fir		2	0	0	0	0	0	0	0	0	2	
	Total	337	56	0	79	0	0	0	0	0	472	j

Proposed and Next Step Treatments by Method

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Current		472	0	0	0	0	0	0	0	0	472	
Next Step		0	289	200	0	0	200	672	0	0	1361	
	Total	472	289	200	0	0	200	672	0	0	1833	

Compartment: 104

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Year of Entry: 2022 **Treatment** Stand BA **Treatment Treatment Cover Type** Acres Stand Size Age Habitat Method Objective Name CoverType Density Age Range Type Structure Cut

Proposed Treatments:

41104009-Cut 89.6 3204 - Mast Nonstocked Unspec Harvest Clearcut with 4211 - Planted Even-Aged No Producing Shrub ified Retention Red Pine

Prescription Clear cut all merchantable trees and convert stand to planted red pine. Cherry will need to be roller chopped and sprayed for certain.

Retention can be along the V Type on east side. Specs:

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

<u>Treatments:</u> Monitoring, Artificial Regen(3yr)

Acceptable Red Pine

Regen:

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2021

4319 - Mixed 41104010-Cut 11.7 4113 - R.Maple, Poletimber 72 111-Harvest Clearcut with Even-Aged No Retention **Upland Forest** Conifer Well 140

Prescription Clear cut all trees except hemlock. Retention should be a patch. Leave white pine that are over 24 inches for seed.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Mix of current species on site.

Regen:

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2021

41104019-Cut 20.8 429 - Mixed Upland Sawtimber 60 111-4319 - Mixed Even-Aged Harvest Clearcut Nο Conifers **Upland Forest**

Prescription Clear cut stand, retain some large white pine with boundary lines. This will be the only retention which may be less than 3%.

Well 140

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Any species currently on-site.

Regen:

Harvest early to package with adjacent compartment. **Other**

Comment:

Site Condition

Proposed Start Date: 10/16/2020

Clearcut 3205 - Mixed 41104023-Cut 2.7 3204 - Mast Nonstocked Unspec Harvest No **Upland Shrub**

Producing Shrub ified

Prescription Harvest all merchantable trees within the stand to keep stand open.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable None

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/16/2020

Compartment: 104

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Year of Entry: 2022 а **Treatment** Stand BA **Treatment Treatment Cover Type** Acres Stand Size Age Habitat n Method Name CoverType Density Age Range Type Objective Structure Cut d 27 41104027-Cut 9.8 429 - Mixed Upland Sawtimber 81-110 Harvest Seed Tree with 429 - Mixed Two-Aged Conifers Well Retention **Upland Conifers** Prescription Leave 20-30 square feet of white pine for a seed source (oversize trees are preferred). Also leave cherry and hemlock. Also leave a Specs: retention patch (This patch will provide for retention for all adjacent stands) Monitoring, Natural Regen (Re-Inventory) Next Step Treatments: Acceptable Any species currently on-site. Regen: Other Comment: Site Condition Survey Needed Proposed Start Date: 10/1 /2021 Even-Aged 41104031-Cut 3.8 4319 - Mixed Sawtimber 80 81-110 Harvest Clearcut 4319 - Mixed No **Upland Forest** Well **Upland Forest** Prescription Remove all trees over 2" to encourage aspen reproduction. Leave some a few oversize white pine. No retention due to small size. Specs: Next Step Monitoring, Natural Regen (Re-Inventory) Treatments: Acceptable Mix of any species found on-site Regen: **Other** Comment: Site Condition Survey Needed Proposed Start Date: 10/1 /2021 33 41104033-Cut 4136 - Aspen, Poletimber 48 Unspec Clearcut with 413 - Aspen No 9.1 Harvest Even-Aged Mixed Conifer ified Retention Prescription Remove all trees larger than 2" except hemlock. Retention will be one of the southern finger that are excluded with paint. Specs: Next Step Monitoring, Natural Regen (Re-Inventory) Treatments: Acceptable Mix of current species on-site Regen: Other Comment: Site Condition Survey Needed Proposed Start Date: 10/1 /2021 41104040-Cut 19.6 6130 - Fir, Aspen, Poletimber 83 81-110 Harvest Clearcut with 613 - Lowland Even-Aged No Maple Medium Retention Mixed Forest Prescription Cut all trees except hemlock. Retention can be a patch on the edge. Also leave some large diameter white pine preferably on the edges of the stand Specs: Next Step Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> Acceptable Mix of current species on-site. Regen: Other 1 4 1 Green-up should be met without issue within the next year. Comment: Site Condition

Proposed Start Date: 10/1 /2021

Proposed Start Date: 10/1 /2021

41104053-Cut 16.3 4112 - Maple, Sawtimber 85 111-Harvest Single Tree 411 - Northern Uneven-No Beech, Cherry Well 140 Selection Hardwood Aged

Association

<u>Prescription</u> Remove aspen, fir and spruce. Mark hardwood to the compleat marker with a target residual BA of 80. Favor yellow birch where

<u>Specs:</u> appropriate. Leave 1 healthy spruce or fir per acre for wildlife.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable A mix of species currently on-site.

Regen:

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2021

Harvest

Clearcut with

Retention

6122 - Black

Spruce

Even-Aged

Nο

а **Treatment** Stand BA **Treatment Treatment Cover Type** Acres Stand Size Age Habitat n Method Objective Name CoverType Density Age Range Type Structure Cut d

81-110

Well Prescription Clear-cut stand. Retention should be a patch, consider leaving the piece west of the Old Seney Rd.

Specs:

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t

57

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

41104057-Cut

Acceptable Mix of current species on-site.

Regen:

Old Seney Rd is a Snowmobile Trail. no decking on the trail. Other 1 4 1

17.2 6122 - Black Spruce Poletimber

Comment:

Site Condition

Proposed Start Date: 10/1 /2021

Single Tree 41104058-Cut 29 2 4112 - Maple, Sawtimber 78 111-Harvest 411 - Northern Uneven-No Beech, Cherry Well 140 Selection Hardwood Aged

Association

Prescription Remove all aspen, spruce and fir. Mark remaining trees to compleat marker standard with a target of 80 BA. Favor yellow birch where

appropriate. Leave 1 healthy spruce or fir per acre for wildlife. Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Mix of current species on-site.

Regen:

Other There may be some wetland fringes that are lower quailty, these areas can be marked to a much lower BA.

Comment:

Site Condition

Proposed Start Date: 10/1 /2021

41104059-Cut 38.8 429 - Mixed Upland Sawtimber 78 111-Harvest Seed Tree with 429 - Mixed Two-Aged No Retention **Upland Conifers** Conifers Well 140

Prescription Leave 20-30 square feet of white pine for a seed source (oversize trees are preferred). Also leave cherry and hemlock. Also leave a

Specs: retention patch.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Mix of current species on-site.

Regen:

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2021

41104064-Cut 30.2 429 - Mixed Upland Sawtimber 86 51-80 Harvest Seed Tree with 429 - Mixed Two-Aged No Conifers Medium Retention **Upland Conifers**

Prescription Leave 20-30 square feet of white pine (over-sized trees preferred) as well as all cherry and hemlock. Remove all remaining trees.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Mix of current species on-site

Regen: **Other**

Comment:

Site Condition

Proposed Start Date: 10/1 /2021

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Treatment Size Stand BA **Treatment Treatment Cover Type** Acres Stand Age Habitat n Method Structure Name CoverType Density Age Range Type Objective Cut d 67 41104067-Cut 4.3 429 - Mixed Upland Sawtimber 111-Harvest Clearcut 429 - Mixed Even-Aged Conifers Well 140 **Upland Conifers** Prescription Harvest all trees no retention due to small size. Leave some white pine for seed (Incorporate into line). Specs: Next Step Monitoring, Natural Regen (Re-Inventory) Treatments: Acceptable Any species currently on-site Regen: Other Comment: Site Condition Proposed Start Date: 10/1 /2021 41104085-Cut 11.3 6122 - Black Spruce Poletimber 88 81-110 Harvest Clearcut 6122 - Black Even-Aged No Spruce Prescription Clearcut stand. Retention will be less than 3% but will be placed on north end near V Type. Specs: Next Step Monitoring, Natural Regen (Re-Inventory) Treatments: Acceptable Any mix of current species on-site Regen: Other Comment: Site Condition Proposed Start Date: 10/1 /2021 411 - Northern 41104095-Cut 3.3 4113 - R.Maple, Poletimber 80 81-110 Harvest Clearcut Even-Aged No Hardwood Conifer Prescription Due to small size and being red maple dominated clearcut stand and manage as even aged. Specs: Next Step Monitoring, Natural Regen (Re-Inventory) Treatments: Acceptable Mix of current species found on -site. Regen: Other Comment: Site Condition Survey Needed Proposed Start Date: 10/1 /2021 41104096-Cut 3.1 429 - Mixed Upland Sawtimber 80 81-110 Harvest Clearcut 429 - Mixed Even-Aged No Conifers Well **Upland Conifers** Prescription Remove all trees over 2" to encourage aspen reproduction. Leave some a few oversize white pine. No retention due to small size. Specs: Next Step Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> Acceptable Mix of current species on-site. Regen: <u>Other</u> Comment: Site Condition Survey Needed Proposed Start Date: 10/1 /2021

Shingleton Mgt. Unit Report 3 -- Treatments Compartment: 104 S Year of Entry: 2022 t а **Cover Type** Habitat **Treatment** Acres Stand Size Stand BA **Treatment Treatment** Age n Density Method Objective Structure Name CoverType Age Range Type Cut d 101 41104101-Cut 1.7 42340 - Upland Sawtimber 81-110 Harvest Clearcut 42330 - Upland Even-Aged Spruce/Fir Well Fir <u>Prescription</u> Remove all trees except hemlock if present. No retention due to small size. Specs: Next Step Monitoring, Natural Regen (Re-Inventory) **Treatments:** Acceptable Any mix of current species Regen: <u>Other</u> Comment: Site Condition Survey Needed

Approved Treatments:

Proposed Start Date: 10/1 /2021

76 411040	076-Cut	110.2	42120 - Planted Jack Pine	Poletimber Well	48	81-110	Harve	st Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	No
Prescription Specs:	Clear cu	t south of	drainage and reg	enerate to red	pine.	Drainage	can be re	etention.			
Next Step Treatments:			ng; Pesticide, Ae	rial - Site Prep	; Pl	anting, Initi	al Plant;	Monitoring, Artificial Re	egen(1yr); Monito	ring, Artificial	
Acceptable Regen:	Red Pine	е									
Other Comment:											
Site Condition											
Proposed St	art Date:	10/1 /20	21								

Total Treatment 471.9
Acreage Proposed:

Compartment: 104

Shingleton Mgt. Unit

Bob Burnham : Examiner Year of Entry: 2022

Availa	ability for	Managemer	nt					
Total	Acres	Acres Avail	Acres		Domina	nt Site	e Con	ditions
Acres	Available	With Condition	Not Available		21	5C	3J	5E
107	98	9	0	Aspen	9			
17	17	0	0	Bog				
2	2	0	0	Herbaceous Openland				
357	350	0	7	Jack Pine			0	7
6	6	0	0	Low-Density Trees				
93	18	74	0	Lowland Conifers		74		
20	20	0	0	Lowland Mixed Forest				
98	79	0	19	Lowland Shrub			19	
72	46	27	0	Lowland Spruce/Fir		27		
1	1	0	0	Marsh				
66	66	0	0	Mixed Upland Deciduous				
326	309	14	3	Northern Hardwood	14		3	
6	6	0	0	Sand, Soil				
2	2	0	0	Tamarack				
17	17	0	0	Treed Bog				
318	215	13	90	Upland Conifers	13		90	
135	114	4	17	Upland Mixed Forest	4		17	
717	714	0	4	Upland Shrub			4	
8	0	2	6	Upland Spruce/Fir	2		6	
47	47	0	0	White Pine				
2,415	2,125	143	147	Total Forested Acres	42	101	140	7

Relative Percent

6%

*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 Dominant Site No. Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1 Unavailable	3J: Water quality / BMPs (stream, river, or lake)	23	5F: Evaluated for Forest Health Considerations	Unspecified	Unspecified	Unspecified
Comments:						
River buffer will ren	nove most area.					

88%

6%

Report 4 – Site Conditions

Shingleton Mgt. Unit
Bob Burnham: Examiner

Comments:			Health Considerations	Unspecified	Unspecified	Unspecified
River buffer will ren	nove most area.					
Unavailable	3J: Water quality / BMPs (stream, river, or lake)	52	5F: Evaluated for Forest Health Considerations	Unspecified	Unspecified	Unspecified
Comments: River buffer will ren	nove most area.					
Available	5C: Delay treatment for age/size class diversity or exceptional site quality	59	Unspecified	Unspecified	Unspecified	Unspecified
Comments:						
Unavailable	3J: Water quality / BMPs (stream, river, or lake)	6	5F: Evaluated for Forest Health Considerations	Unspecified	Unspecified	Unspecified
Comments: River buffer will ren	nove most area.					
Unavailable	3J: Water quality / BMPs (stream, river, or lake)	31	5F: Evaluated for Forest Health Considerations	Unspecified	Unspecified	Unspecified
Comments: River buffer will ren	nove most area.					
Available	5C: Delay treatment for age/size class diversity or exceptional site quality	27	Unspecified	Unspecified	Unspecified	Unspecified
Comments:						
	Available Comments: Unavailable Comments: River buffer will rer Unavailable Comments: River buffer will rer Available	Available 5C: Delay treatment for age/size class diversity or exceptional site quality Comments: Unavailable 3J: Water quality / BMPs (stream, river, or lake) Comments: River buffer will remove most area. Unavailable 3J: Water quality / BMPs (stream, river, or lake) Comments: River buffer will remove most area. Comments: Comments:	Available 5C: Delay treatment for age/size class diversity or exceptional site quality Comments: Unavailable 3J: Water quality / BMPs (stream, river, or lake) Comments: River buffer will remove most area. Unavailable 3J: Water quality / BMPs (stream, river, or lake) Comments: River buffer will remove most area. Available 5C: Delay treatment for age/size class diversity or exceptional site quality 27	Comments: River buffer will remove most area. Available 5C: Delay treatment for age/size class diversity or exceptional site quality Comments: Unavailable 3J: Water quality / BMPs (stream, river, or lake) 6 5F: Evaluated for Forest Health Considerations Comments: River buffer will remove most area. Unavailable 3J: Water quality / BMPs (stream, river, or lake) 31 5F: Evaluated for Forest Health Considerations Comments: River buffer will remove most area. Available 5C: Delay treatment for age/size class diversity or exceptional site quality	Available 5C: Delay treatment for age/size class diversity or exceptional site quality Unavailable 3J: Water quality / BMPs (stream, river, or lake) Comments: Unavailable 3J: Water quality / BMPs (stream, river, or lake) Comments: River buffer will remove most area. Unavailable 3J: Water quality / BMPs (stream, river, or lake) Comments: River buffer will remove most area. Unavailable 3J: Water quality / BMPs (stream, river, or lake) Comments: River buffer will remove most area. Unavailable 5C: Delay treatment for age/size class diversity or exceptional site quality Unspecified Unspecified Unspecified Unspecified Unspecified Unspecified Unspecified Unspecified	Comments: River buffer will remove most area. Available 5C: Delay treatment for age/size class diversity or exceptional site quality Comments: Unavailable 3J: Water quality / BMPs (stream, river, or lake) Comments: River buffer will remove most area. Unavailable 3J: Water quality / BMPs (stream, river, or lake) The alth Considerations Sequence of the stream of the strea

Report 4 – Site Conditions

Shingleton Mgt. Unit
Bob Burnham: Examiner

8	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	15	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
9	Unavailable	5E: Long-Term Retention	7	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						
10	Available	2l: Survey needed	2	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						
11	Available	2l: Survey needed	9	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						
12	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	25	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: RMZ						
13	Available	2l: Survey needed	3	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						
14	Available	2l: Survey needed	10	Unspecified	Unspecified	Unspecified	Unspecified
(Comments:						

Report 4 – Site Conditions

Shingleton Mgt. Unit

Bob Burnham : Examiner

	Available	2I: Survey needed	4	Unspecified	Unspecified	Unspecified	Unspecified
Coi	mments:						
16	Available	2l: Survey needed	3	Unspecified	Unspecified	Unspecified	Unspecified
Coi	mments:						
17	Available	2l: Survey needed	11	Unspecified	Unspecified	Unspecified	Unspecified

Mgt. Unit

Compartment: #Type!
Year of Entry:



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

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
Comments				

Shingleton Mgt. Unit Compartment: 104
Year of Entry 2022



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.

Conservati Area	ion Type	Description	ERA = Ecological Reference Area HCVA = High Conservation Value Area SCA = Special Conservation Area
SCA	Cold Water Lake	A coldwater lake has temperature and dissolved oxygen condition stocked trout populations and those of other coldwater fish specific conditions for coldwater fishes may occur in Michigan lakes if the groundwater inflows, or are located in colder (northern) areas of Director's action and designated as trout resources by Fisheries	es to persist from year to year. Suitable ey are relatively deep, have substantial the state. Such lakes are established by
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen cond stocked trout populations and those of other coldwater fish speci year to year. Coldwater streams in Michigan typically provide the contributions of groundwater to their stream flows. Such streams designated as trout resources by Fisheries Order 210.	es (e.g., slimy sculpin) to persist from se conditions due to substantial
SCA	Riparian Area	A transitional area between aquatic and terrestrial ecosystems in influences the aquatic ecosystem and vice-versa. Because of the streams and open water wetlands, riparian areas harbor a high communities are ecologically and socially significant in their effects as aesthetics, habitat, bank stability, timber production, and their	e unique conditions adjacent to lakes, liversity of plants and wildlife. Riparian cts on water quality and quantity, as well
SCA	Visual Management Area	An area of general social appreciation that is managed to recogn Examples of these areas include scenic vistas, scenic or natural	

Shingleton Mgt. Unit Report 7 - Stands



Stand	Level 4 C	over Type		Size Der	nsity	Acres	Stand Age	BA Range	Managed 9	Site	General Comments
1	3301 - Low Dens	ity Deciduo	ous Trees	Nonstoo	cked	6.0	0	Unspecified	4319 - Mixed Up	land Forest	Stand was cut in fall of 2018. Starting to see cherry, maple and fir regen.
						Sub-Ca	nopy Specie	s Density	Avg. Height	Size	
						Re	d Maple	Medium	>20 feet	Log	
						Blad	ck Cherry	Medium	>20 feet	Log	
						Sug	jar Maple	Low	>20 feet	Log	
						Н	emlock	Low	>20 feet	Log	
						Blad	ck Cherry	Medium	< 5 feet	Sapling	
						Re	d Maple	Low	< 5 feet	Sapling	
2	3101 - Poverty	/ Grass, Cl	adonia	Nonstoo	cked	1.7		Unspecified	No		This is part of the abandoned glide path of the Grand Marais Airport.
3	4112 - Maple Asso	, Beech, C ociation	herry	Sawtimbe	er Well	21.7	80	81-110	N/A		Unit 9 of Bullets Planes & Contractors
	Canopy Species	% Cove	Size Class	DBH	Age	Sub-Ca	nopy Specie	s Density	Avg. Height	Size	
	Sugar Maple	40	Log/Pole	12		Ва	lsam Fir	Low	Variable	Sapling	
	Red Maple	40	Log/Pole	11	80	Whi	te Spruce	Low	Variable	Sapling	
	White Spruce	5	Log/Pole	10		Wh	nite Pine	Low	Variable	Sapling	
	White Pine	10	XLog/Log	18		Re	d Maple	Medium	5 - 10 feet	Sapling	
	Black Cherry	5	Log/Pole	10		Sug	jar Maple	Medium	5 - 10 feet	Sapling	
						I	Beech	Medium	10 - 20 feet	Sapling	
4	6124 - Lowl	and Spruce	e-Fir	Sapling	Well	18.5	24	Immature	N/A		This stand was originally part of stand 62 but was split out because its
	Canopy Species	% Cove	Size Class	DBH	Age	Sub-Ca	nopy Specie	s Density	Avg. Height	Size	mainly lowland and more conifer dominated.
	Red Maple	5	Sapling	1	24	Ta	ag Alder	Low	5 - 10 feet	Tall Shrub	
	Quaking Aspen	30	Sapling	3	24						
	Balsam Fir	10	Sapling	2	24						
	Black Spruce	40	Sapling	2	24						
	White Pine	10	Sapling	2	24						
	Tamarack	5	Sapling	2							
5	429 - Mixed	Upland Co	nifers	Poletimbe	r Poor	6.6	40	1-50	N/A		This is an old opening that is filling into a mix of tree species.
	Canopy Species	% Cove	Size Class	DBH	Age	Sub-Ca	nopy Specie	s Density	Avg. Height	Size	
	White Pine	35	Pole	8	40	WI	nite Pine	Medium	Variable	Sapling	
	White Spruce	25	Pole	8		Pir	n Cherry	Medium	5 - 10 feet	Tall Shrub	
	Black Cherry	20	Pole	8							-
	Red Maple	20	Pole	8							
7	622 - Lov	wland Shru	b	Nonstoo	cked	1.6	0	Unspecified	No		



Stand	Level 4 C	over Type		Size De	nsity	Acres	Stand Age B	A Range	Managed 9	Site	General Comments
8	4112 - Maple, Asso	Beech, Ch	nerry	Sawtimb	er Well	32.5	80	81-110	N/A		Stand was Cut in 2017, Bullets, Planes and Contractors.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Sugar Maple	20	Log/Pole	10		Sug	gar Maple	Medium	< 5 feet	Sapling	
	Red Maple	70	Log/Pole	10	80	Re	ed Maple	Medium	5 - 10 feet	Sapling	
	Black Cherry	5	Pole/Saplin	ig 9		Ва	ılsam Fir	Low	Variable	Sapling	
	White Spruce	5	Log/Pole	10		Whi	te Spruce	Low	Variable	Sapling	
						WI	hite Pine	Medium	Variable	Sapling	
							Beech	Low	5 - 10 feet	Sapling	
							ck Cherry	Low	5 - 10 feet	Sapling	
						Strip	oed Maple	Medium	5 - 10 feet	Tall Shrub	
9	3204 - Mast F	Producing S	Shrub	Nonsto	cked	89.6		nspecified	42110 - Planted	Red Pine	Old opening that has been filling in with cherry, juneberry, and hawthorn. Some scattered clumps of trees: white pine, aspen, red maple.
							nopy Species	Density	Avg. Height	Size	Kalkaska sands, 0-15% slopes, severely burned.
							ck Cherry	High	10 - 20 feet	Pole	
							Bilberry/Cranber			Tall Shrub	
							Reindeer moss			Non-Wood	
							erry (Juneberry)			Tall Shrub	
							cken Fern	High		Non-Wood	
							n Cherry	Medium	5 - 10 feet	Tall Shrub	
						WI	hite Pine	Medium	>20 feet	Log	
10	4113 - R.M	•		Poletimb				111-140	N/A		Low quality red maple with heavy fir understory.
	Canopy Species		Size Class		Age		nopy Species	Density	Avg. Height	Size	
	Red Maple	62	Pole/Log Pole	9	72		ed Maple Ilsam Fir	Medium Full	10 - 20 feet Variable	Sapling	
	Quaking Aspen Balsam Fir	2 20	Pole	9					Variable	Sapling	
	White Spruce	20	Pole/Log	9			te Spruce hite Pine	Low	Variable	Sapling Sapling	
	White Pine	10	XLog/Log				ck Cherry	Low	10 - 20 feet	Sapling	
	Black Cherry	2	Log/Pole			Dia	CK Cherry	LOW	10 - 20 leet	Sapility	
	Sugar Maple	2	Log/Pole								
11	6239 - Mixed E			Nonsto	cked	1.0	0 U	nspecified	No		
12	6124 - Lowla	•		Poletimb			80	51-80	N/A		Low, wet ground with ridges.
	Canopy Species		Size Class		Age		nopy Species		Avg. Height	Size	
	Red Maple	5	Pole	8			ılsam Fir	Medium	Variable	Sapling	
	Balsam Fir	25	Pole	8			ck Spruce	Medium	Variable	Sapling	
	Black Spruce	25	Pole	8			n White Cedar	Medium	Variable	Sapling	
No	rthern White Cedar	15	Pole	8	80	Lab	rador Tea	Medium	< 5 feet	Tall Shrub	
	White Pine	30	Log/Pole	16	80						



Stand	Level 4 Cover Type			Size Density	Acres	Stand Age	BA Range	Managed S	Site	General Comments
13	6224 - 1	reed Bog	Nonstocked	12.5	0	Unspecified	No		Newly acquired land, no field work has been done. Information is just a guess based on surrounding stands.	
										Should consist of mainly black spruce, balsam fir and some tamarack.
14	42200 - Natu	ural White F	Pine Sa	awtimber Mediu	m 5.7	80	51-80	N/A		Stand was cut in 2017, Bullets, Planes and Contractors. Regenerating
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Speci	es Density	Avg. Height	Size	well.
	White Pine	100	Log/XLog	16 80	Suç	gar Maple	Low	< 5 feet	Sapling	
					Re	ed Maple	Medium	5 - 10 feet	Sapling	
						alsam Fir	Medium	Variable	Sapling	
					Whi	ite Spruce	Medium	Variable	Sapling	
					W	hite Pine	Medium	Variable	Sapling	
15	3204 - Mast F	Producing S	hrub	Nonstocked	5.5		Unspecified	No		
					Sub-Ca	nopy Speci	es Density	Avg. Height	Size	
					Bra	cken Fern	Medium		Non-Wood	
					Servicebe	erry (Junebei	rry) Low		Tall Shrub	
					Qual	king Aspen	Low		Sapling	
						(Reindeer mo			Non-Wood	
						Bilberry/Cran	berry Medium		Tall Shrub	
						ck Cherry	Low		Sapling	
					W	hite Pine	Low		Sapling	
17	4112 - Maple, Asso	Beech, Ch	nerry	Poletimber Wel	l 5.6	70	81-110	N/A		Young maple stand that was thinned in the fall of 2016.
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Speci	es Density	Avg. Height	Size	
	Sugar Maple	25	Pole	8	Re	ed Maple	Low	5 - 10 feet	Sapling	
	Red Maple	60	Pole	8 70		Beech	Low	5 - 10 feet	Sapling	
	Black Cherry	15	Pole	7	Ва	alsam Fir	Low	Variable	Sapling	
					Whi	ite Spruce	Low	< 5 feet	Sapling	
					W	hite Pine	Low	< 5 feet	Sapling	
					Suç	gar Maple	Low	< 5 feet	Sapling	
18	429 - Mixed L	Jpland Con	ifers	Poletimber Poo	r 12.8	30	51-80	N/A		Old opening filling in with trees.
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Speci	es Density	Avg. Height	Size	
	Quaking Aspen	10	Pole	6 30	Re	ed Maple	Low	5 - 10 feet	Sapling	
	Black Cherry	10	Pole	9		king Aspen	Medium	Variable	Sapling	
	White Spruce	30	Pole	7		alsam Fir	Low	Variable	Sapling	
	White Pine	50	Pole	7 30		ite Spruce	Low	5 - 10 feet	Sapling	
						hite Pine	Medium	Variable	Sapling	
						ck Cherry	Low	5 - 10 feet	Sapling	
					Servicebe	erry (Junebei	rry) Low	Variable	Tall Shrub	

Report 7 - Stands



	Level 4 C	evel 4 Cover Type		Size Density		Acres	cres Stand Age BA Ran		ange Managed Site		General Comments
19	429 - Mixed l	Jpland Con	fers S	Sawtimb	er Well	20.8	60	111-140	N/A		This stand is a mix of aspen clones & conifers of varying ages and
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	The fir is starting to fall apart.
	Red Maple	8	Log/Pole	10		Red	d Maple	Low	5 - 10 feet	Sapling	
	Quaking Aspen	18	Log/Pole	10		Quaki	ng Aspen	Low	5 - 10 feet	Sapling	
	White Spruce	27	Log/Pole	10	60	Bals	sam Fir	Medium	Variable	Sapling	
	White Pine	18	XLog/Log	18		White	e Spruce	Medium	Variable	Sapling	
	Black Cherry	9	Log/Pole	10		Wh	ite Pine	Medium	Variable	Sapling	
	Balsam Fir	20	Pole	8		Blac	k Cherry	Low	Variable	Sapling	
				'	'	Serviceber	ry (Juneberry)	Low	Variable	Tall Shrub	
21	6121 -	Tamarack	Ро	letimber	Mediu	m 1.6	60	51-80	N/A		
	Canopy Species		Size Class		Age						
	Black Spruce	30	Pole	6							
	Tamarack	60	Pole	7	60						
	White Pine	10	Log/Pole	10							
23	3204 - Mast F	Producing S	hrub	Nonsto	cked	2.7	Ur	nspecified	No		
						Sub-Can	opy Species	Density	Avg. Height	Size	
						Whi	ite Pine	Low		Sapling	
							lberry/Cranber	y Medium		Tall Shrub	
							ken Fern	High		Non-Wood	
							k Cherry	Low		Sapling	
						Serviceber	ry (Juneberry)	Low		Tall Chruh	
					The state of the s		- '			Tall Shrub	
							ng Aspen	Low		Sapling	
24	4191 - Mixed Upla Co	and Deciduo	ous with F	oletimb	er Poor	Quaki	- '		N/A		Old opening filling in with trees, resulting in a varitey of sizes and a
24		onifer	ous with F		er Poor	Quaki 6.1 Sub-Can	45 aopy Species	Low	N/A Avg. Height		Old opening filling in with trees, resulting in a varitey of sizes and a
24	Cc	onifer				Quaki 6.1 Sub-Can	ng Aspen 45	1-50		Sapling	Old opening filling in with trees, resulting in a varitey of sizes and a
	Canopy Species	onifer % Cover	Size Class	DBH	Age	Quaki 6.1 Sub-Can Serviceber	45 hopy Species	Low 1-50 Density	Avg. Height	Sapling	Old opening filling in with trees, resulting in a varitey of sizes and a
	Canopy Species Red Maple	% Cover	Size Class Pole	DBH	Age	Quaki 6.1 Sub-Can Serviceber	45 aopy Species rry (Juneberry)	1-50 Density Medium	Avg. Height Variable	Sapling Size Sapling	Old opening filling in with trees, resulting in a varitey of sizes and a
	Canopy Species Red Maple Quaking Aspen	% Cover 30 10	Size Class Pole Pole/Sapling	DBH 7 7	Age	Quaki 6.1 Sub-Can Serviceber Wh Pin Bals	ng Aspen 45 copy Species rry (Juneberry) ite Pine Cherry sam Fir	1-50 Density Medium Medium	Avg. Height Variable 5 - 10 feet	Size Sapling Sapling Sapling	Old opening filling in with trees, resulting in a varitey of sizes and a
	Canopy Species Red Maple Quaking Aspen White Spruce	% Cover 30 10 10	Size Class Pole Pole/Sapling Pole	7 7 7	Age	Quaki 6.1 Sub-Can Serviceber Wh Pin Bals	45 copy Species rry (Juneberry) ite Pine Cherry	Low 1-50 Density Medium Medium Low	Avg. Height Variable 5 - 10 feet 5 - 10 feet	Sapling Size Sapling Sapling Tall Shrub	Old opening filling in with trees, resulting in a varitey of sizes and a
	Canopy Species Red Maple Quaking Aspen White Spruce White Pine	% Cover 30 10 10 25 25 25	Pole Pole/Sapling Pole Log/Pole Pole	7 7 7 7	Age 45	Quaki 6.1 Sub-Can Serviceber Wh Pin Bals	ng Aspen 45 hopy Species rry (Juneberry) ite Pine Cherry sam Fir d Maple	Low 1-50 Density Medium Medium Low Low	Avg. Height Variable 5 - 10 feet 5 - 10 feet Variable	Sapling Size Sapling Sapling Tall Shrub Sapling	Old opening filling in with trees, resulting in a varitey of sizes and a
	Canopy Species Red Maple Quaking Aspen White Spruce White Pine Black Cherry 429 - Mixed U Canopy Species	% Cover 30 10 10 25 25 Upland Con % Cover	Pole Pole Log/Pole Pole Sapling Pole Sapling Sapling Pole Sapling Pole Sapling Pole Size Class	7 7 7 10 8 Sawtimb	Age 45 er Well	Quaki 6.1 Sub-Can Serviceber Wh Pin Bals Rec 4.8 Sub-Can	ng Aspen 45 hopy Species rry (Juneberry) ite Pine Cherry sam Fir d Maple 60 hopy Species	Low 1-50 Density Medium Medium Low Low Medium	Avg. Height Variable 5 - 10 feet 5 - 10 feet Variable 5 - 10 feet	Sapling Size Sapling Sapling Tall Shrub Sapling Sapling	
	Canopy Species Red Maple Quaking Aspen White Spruce White Pine Black Cherry 429 - Mixed U Canopy Species White Pine	% Cover 30 10 10 25 25 25 Upland Con	Pole Pole Log/Pole Pole	DBH 7 7 7 7 10 8 Sawtimb DBH 14	Age 45	Quaki 6.1 Sub-Can Serviceber Whi Pin Bals Rec 4.8 Sub-Can Bals	ng Aspen 45 nopy Species rry (Juneberry) ite Pine Cherry sam Fir d Maple 60 nopy Species sam Fir	Low 1-50 Density Medium Medium Low Low Medium Medium	Avg. Height Variable 5 - 10 feet 5 - 10 feet Variable 5 - 10 feet N/A Avg. Height Variable	Sapling Size Sapling Sapling Tall Shrub Sapling Sapling Sapling Sapling	
	Canopy Species Red Maple Quaking Aspen White Spruce White Pine Black Cherry 429 - Mixed U Canopy Species	% Cover 30 10 10 25 25 Upland Con % Cover	Pole Pole Log/Pole Pole Sapling Pole Sapling Sapling Pole Sapling Pole Sapling Pole Size Class	DBH 7 7 7 10 8 Sawtimb DBH 14 9	Age 45 er Well	Quaki 6.1 Sub-Can Serviceber Whi Pin Bals Rec 4.8 Sub-Can Bals	ng Aspen 45 hopy Species rry (Juneberry) ite Pine Cherry sam Fir d Maple 60 hopy Species	Low 1-50 Density Medium Low Low Medium Medium Low Density	Avg. Height Variable 5 - 10 feet 5 - 10 feet Variable 5 - 10 feet N/A Avg. Height	Sapling Size Sapling Sapling Tall Shrub Sapling Sapling	
	Canopy Species Red Maple Quaking Aspen White Spruce White Pine Black Cherry 429 - Mixed U Canopy Species White Pine	% Cover 30 10 10 25 25 25 Upland Con % Cover 55	Pole Pole Pole Log/Pole Pole Size Class Log/Pole Log/Pole	DBH 7 7 7 7 10 8 Sawtimb DBH 14	Age 45 er Well	Quaki 6.1 Sub-Can Serviceber Whi Pin Bals Rec 4.8 Sub-Can Bals	ng Aspen 45 nopy Species rry (Juneberry) ite Pine Cherry sam Fir d Maple 60 nopy Species sam Fir	Low 1-50 Density Medium Medium Low Low Medium 81-110 Density Medium	Avg. Height Variable 5 - 10 feet 5 - 10 feet Variable 5 - 10 feet N/A Avg. Height Variable	Sapling Size Sapling Sapling Tall Shrub Sapling Sapling Sapling Sapling	
24	Canopy Species Red Maple Quaking Aspen White Spruce White Pine Black Cherry 429 - Mixed U Canopy Species White Pine Balsam Fir	% Cover 30 10 10 25 25 25 Upland Con % Cover 55 10	Pole Pole/Sapling Pole Log/Pole Pole Fole Size Class Log/Pole Pole/Log	DBH 7 7 7 10 8 Sawtimb DBH 14 9	Age 45 er Well	Quaki 6.1 Sub-Can Serviceber Whi Pin Bals Rec 4.8 Sub-Can Bals	ng Aspen 45 nopy Species rry (Juneberry) ite Pine Cherry sam Fir d Maple 60 nopy Species sam Fir	Low 1-50 Density Medium Medium Low Low Medium 81-110 Density Medium	Avg. Height Variable 5 - 10 feet 5 - 10 feet Variable 5 - 10 feet N/A Avg. Height Variable	Sapling Size Sapling Sapling Tall Shrub Sapling Sapling Sapling Sapling	

ort 7 – Stands



tand	Level 4 Co	over Type	Si			Acres Stand Age B	, trituing o	Managed S	,,,,,	General Comments
26	4319 - Mixed	l Upland Fo	rest Po	letimb	er Well	10.7 60	51-80	N/A		This is a young stand of maple with mature fir and spruce mixed throughout.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	thoughout.
	Red Maple	40	Pole/Sapling	6	60	Red Maple	Low	5 - 10 feet	Sapling	
(Quaking Aspen	10	Pole	8		Quaking Aspen	Low	10 - 20 feet	Sapling	
	White Pine	10	Pole	8		Balsam Fir	Medium	Variable	Sapling	
	Balsam Fir	20	Log/Pole	10		White Spruce	Medium	Variable	Sapling	
	White Spruce	20	Log/Pole	12		White Pine	Low	Variable	Sapling	
						Black Cherry	Low	5 - 10 feet	Sapling	
27	429 - Mixed U	Jpland Con	ifers Sa	wtimb	er Well	9.8 80	81-110	N/A		Areas with large diameter White Pine; mix of tree sizes and species
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	throughout.
	Red Maple	10	Pole/Log	9		Red Maple	Low	10 - 20 feet	Sapling	
(Quaking Aspen	5	Pole	8		Quaking Aspen	Low	5 - 10 feet	Sapling	
	Balsam Fir	15	Pole	8		Balsam Fir	Medium	Variable	Sapling	
	White Spruce	20	Log/Pole	10		White Spruce	Low	Variable	Sapling	
	White Pine	45	Log/Pole/XLog	16	80	White Pine	Low	Variable	Sapling	
	Black Cherry	5	Pole/Log	9		Black Cherry	Low	5 - 10 feet	Sapling	
28	6225	5 - Bog	N	Nonsto	ocked	5.1 U	nspecified	No	1	
29	4117 - Mixed N.	. Hardwood	- Pine Pole	timber	· Mediu	m 4.7 40	1-50	N/A	0:	Mix of trees filling in old opening, resulting in a variety of ages and sizes.
29	4117 - Mixed N. Canopy Species	. Hardwood	- Pine Pole	timber	Mediui	m 4.7 40 Sub-Canopy Species	1-50 Density	N/A Avg. Height	Size	Mix of trees filling in old opening, resulting in a variety of ages and sizes.
29	4117 - Mixed N. Canopy Species Red Maple	. Hardwood **Cover** 45	- Pine Pole Size Class Pole	timber	· Mediu	m 4.7 40 Sub-Canopy Species Red Maple	1-50 Density Low	N/A Avg. Height 5 - 10 feet	Sapling	Mix of trees filling in old opening, resulting in a variety of ages and sizes.
29	4117 - Mixed N. Canopy Species Red Maple White Spruce	. Hardwood % Cover 45 5	- Pine Pole Size Class Pole Pole	timber DBH 7	Mediui	m 4.7 40 Sub-Canopy Species Red Maple Quaking Aspen	1-50 Density Low Low	N/A Avg. Height 5 - 10 feet 10 - 20 feet	Sapling Sapling	Mix of trees filling in old opening, resulting in a variety of ages and sizes.
29	4117 - Mixed N. Canopy Species Red Maple White Spruce White Pine	. Hardwood **Cover** 45 5 30	- Pine Pole Size Class Pole Pole Pole	timber DBH 7 7 8	Mediui	m 4.7 40 Sub-Canopy Species Red Maple Quaking Aspen Balsam Fir	1-50 Density Low Low Low	N/A Avg. Height 5 - 10 feet 10 - 20 feet Variable	Sapling Sapling Sapling	Mix of trees filling in old opening, resulting in a variety of ages and sizes.
29	4117 - Mixed N. Canopy Species Red Maple White Spruce	. Hardwood % Cover 45 5	- Pine Pole Size Class Pole Pole	timber DBH 7	Mediui	m 4.7 40 Sub-Canopy Species Red Maple Quaking Aspen Balsam Fir White Spruce	1-50 Density Low Low Low Low Low	N/A Avg. Height 5 - 10 feet 10 - 20 feet Variable Variable	Sapling Sapling Sapling Sapling	Mix of trees filling in old opening, resulting in a variety of ages and sizes.
29	4117 - Mixed N. Canopy Species Red Maple White Spruce White Pine	. Hardwood **Cover** 45 5 30	- Pine Pole Size Class Pole Pole Pole	timber DBH 7 7 8	Mediui	m 4.7 40 Sub-Canopy Species Red Maple Quaking Aspen Balsam Fir White Spruce Serviceberry (Juneberry)	1-50 Density Low Low Low Low Low Low	N/A Avg. Height 5 - 10 feet 10 - 20 feet Variable Variable 10 - 20 feet	Sapling Sapling Sapling Sapling Sapling	
	4117 - Mixed N. Canopy Species Red Maple White Spruce White Pine	. Hardwood **Cover** 45 5 30	- Pine Pole Size Class Pole Pole Pole	timber DBH 7 7 8	Mediui	m 4.7 40 Sub-Canopy Species Red Maple Quaking Aspen Balsam Fir White Spruce Serviceberry (Juneberry) Pin Cherry	1-50 Density Low Low Low Low Low Medium	N/A Avg. Height 5 - 10 feet 10 - 20 feet Variable Variable 10 - 20 feet 5 - 10 feet	Sapling Sapling Sapling Sapling Sapling Sapling Tall Shrub	
29	4117 - Mixed N. Canopy Species Red Maple White Spruce White Pine	. Hardwood **Cover 45 5 30 20	- Pine Pole Size Class Pole Pole Pole Pole Pole	timber DBH 7 7 8 7	Mediui	m 4.7 40 Sub-Canopy Species Red Maple Quaking Aspen Balsam Fir White Spruce Serviceberry (Juneberry)	1-50 Density Low Low Low Low Low Low	N/A Avg. Height 5 - 10 feet 10 - 20 feet Variable Variable 10 - 20 feet	Sapling Sapling Sapling Sapling Sapling	
30	4117 - Mixed N. Canopy Species Red Maple White Spruce White Pine Black Cherry	. Hardwood % Cover 45 5 30 20 . Hardwood	- Pine Pole Size Class Pole Pole Pole Pole Pole	timber DBH 7 7 8 7	Mediu	m 4.7 40 Sub-Canopy Species Red Maple Quaking Aspen Balsam Fir White Spruce Serviceberry (Juneberry) Pin Cherry White Pine	1-50 Density Low Low Low Low Low Medium Medium	N/A Avg. Height 5 - 10 feet 10 - 20 feet Variable Variable 10 - 20 feet 5 - 10 feet Variable	Sapling Sapling Sapling Sapling Sapling Sapling Tall Shrub	
30	4117 - Mixed N. Canopy Species Red Maple White Spruce White Pine Black Cherry 4117 - Mixed N.	. Hardwood % Cover 45 5 30 20 . Hardwood	- Pine Pole Size Class Pole Pole Pole Pole - Pole	timber DBH 7 7 8 7	Mediuu Age 40 40 er Well	m 4.7 40 Sub-Canopy Species Red Maple Quaking Aspen Balsam Fir White Spruce Serviceberry (Juneberry) Pin Cherry White Pine 27.9 80	1-50 Density Low Low Low Low Medium Medium	N/A Avg. Height 5 - 10 feet 10 - 20 feet Variable Variable 10 - 20 feet 5 - 10 feet Variable	Sapling Sapling Sapling Sapling Sapling Sapling Tall Shrub Sapling	
30	4117 - Mixed N. Canopy Species Red Maple White Spruce White Pine Black Cherry 4117 - Mixed N. Canopy Species	. Hardwood % Cover 45 5 30 20 . Hardwood % Cover	- Pine Pole Size Class Pole Pole Pole Pole Pole Size Class	DBH 7 7 8 7	Mediuu Age 40 40 er Well	m 4.7 40 Sub-Canopy Species Red Maple Quaking Aspen Balsam Fir White Spruce Serviceberry (Juneberry) Pin Cherry White Pine 27.9 80 Sub-Canopy Species	1-50 Density Low Low Low Low Medium Medium 51-80 Density	N/A Avg. Height 5 - 10 feet 10 - 20 feet Variable Variable 10 - 20 feet 5 - 10 feet Variable N/A Avg. Height	Sapling Sapling Sapling Sapling Sapling Tall Shrub Sapling	
330	4117 - Mixed N. Canopy Species Red Maple White Spruce White Pine Black Cherry 4117 - Mixed N. Canopy Species Sugar Maple	. Hardwood % Cover 45 5 30 20 . Hardwood % Cover 15	- Pine Pole Size Class Pole Pole Pole Pole Pole Size Class Pole	Timber DBH 7 7 8 7 Bletimb DBH 8	r Mediuu I Age 40 40 er Well	m 4.7 40 Sub-Canopy Species Red Maple Quaking Aspen Balsam Fir White Spruce Serviceberry (Juneberry) Pin Cherry White Pine 27.9 80 Sub-Canopy Species Red Maple	1-50 Density Low Low Low Low Medium Medium 51-80 Density Medium	N/A Avg. Height 5 - 10 feet 10 - 20 feet Variable Variable 10 - 20 feet 5 - 10 feet Variable N/A Avg. Height 5 - 10 feet	Sapling Sapling Sapling Sapling Sapling Tall Shrub Sapling Size Sapling	
30	4117 - Mixed N. Canopy Species Red Maple White Spruce White Pine Black Cherry 4117 - Mixed N. Canopy Species Sugar Maple Red Maple	. Hardwood **Cover	- Pine Pole Size Class Pole Pole Pole Pole - Pine Pol Size Class Pole Pole/Log	timber DBH 7 7 8 7 8 PH DBH 8 9	r Mediuu I Age 40 40 er Well	m 4.7 40 Sub-Canopy Species Red Maple Quaking Aspen Balsam Fir White Spruce Serviceberry (Juneberry) Pin Cherry White Pine 27.9 80 Sub-Canopy Species Red Maple Balsam Fir	1-50 Density Low Low Low Low Medium Medium 51-80 Density Medium Low	N/A Avg. Height 5 - 10 feet 10 - 20 feet Variable 10 - 20 feet 5 - 10 feet Variable N/A Avg. Height 5 - 10 feet Variable	Sapling Sapling Sapling Sapling Sapling Tall Shrub Sapling Size Sapling Sapling	
30	4117 - Mixed N. Canopy Species Red Maple White Spruce White Pine Black Cherry 4117 - Mixed N. Canopy Species Sugar Maple Red Maple White Spruce	. Hardwood % Cover 45 5 30 20 . Hardwood % Cover 15 45 10	- Pine Pole Size Class Pole Pole Pole Pole Pole Pole - Pine Pole Size Class Pole Pole/Log Log/Pole	The state of the	r Mediuu I Age 40 40 er Well	m 4.7 40 Sub-Canopy Species Red Maple Quaking Aspen Balsam Fir White Spruce Serviceberry (Juneberry) Pin Cherry White Pine 27.9 80 Sub-Canopy Species Red Maple Balsam Fir White Spruce White Spruce White Pine	1-50 Density Low Low Low Low Medium 51-80 Density Medium Low Low Low Low Low Medium	N/A Avg. Height 5 - 10 feet 10 - 20 feet Variable 10 - 20 feet 5 - 10 feet Variable N/A Avg. Height 5 - 10 feet Variable Variable	Sapling Sapling Sapling Sapling Sapling Tall Shrub Sapling Size Sapling Sapling Sapling Sapling	
330	4117 - Mixed N. Canopy Species Red Maple White Spruce White Pine Black Cherry 4117 - Mixed N. Canopy Species Sugar Maple Red Maple White Spruce White Pine	. Hardwood % Cover 45 5 30 20 . Hardwood % Cover 15 45 10 20	- Pine Pole Size Class Pole Pole Pole Pole Pole Pole Log/XLog/Pole	The state of the	r Mediuu I Age 40 40 er Well	m 4.7 40 Sub-Canopy Species Red Maple Quaking Aspen Balsam Fir White Spruce Serviceberry (Juneberry) Pin Cherry White Pine 27.9 80 Sub-Canopy Species Red Maple Balsam Fir White Spruce	1-50 Density Low Low Low Low Medium 51-80 Density Medium Low Low Low Low Low Low Low Lo	N/A Avg. Height 5 - 10 feet 10 - 20 feet Variable 10 - 20 feet 5 - 10 feet Variable N/A Avg. Height 5 - 10 feet Variable Variable Variable	Sapling Sapling Sapling Sapling Sapling Tall Shrub Sapling Size Sapling Sapling Sapling Sapling Sapling	
330	4117 - Mixed N. Canopy Species Red Maple White Spruce White Pine Black Cherry 4117 - Mixed N. Canopy Species Sugar Maple Red Maple White Spruce White Pine Black Cherry	. Hardwood % Cover 45 5 30 20 . Hardwood % Cover 15 45 10 20 5	- Pine Pole Size Class Pole Pole Pole Pole Pole Pole Pole Pole Pole Pole Pole Pole Pole Pole Pole Pole Pole Pole Pole Pole Pole Pole Pole Pole Pole	The color	r Mediuu I Age 40 40 er Well	m 4.7 40 Sub-Canopy Species Red Maple Quaking Aspen Balsam Fir White Spruce Serviceberry (Juneberry) Pin Cherry White Pine 27.9 80 Sub-Canopy Species Red Maple Balsam Fir White Spruce White Pine Quaking Aspen	1-50 Density Low Low Low Medium Medium 51-80 Density Medium Low	N/A Avg. Height 5 - 10 feet 10 - 20 feet Variable 10 - 20 feet 5 - 10 feet Variable N/A Avg. Height 5 - 10 feet Variable Variable Variable 10 - 20 feet	Sapling Sapling Sapling Sapling Sapling Sapling Tall Shrub Sapling	



Stand	Level 4 C	over Type		Size Dens	ity	Acres Stand A	ge BA Range	Managed S	Site	General Comments
31	4319 - Mixed	l Upland Fo	orest S	awtimber	Well	3.8 80	81-110	N/A		Poor quality hardwood with scattered large white pine.
	Canopy Species	% Cover	Size Class	DBH A	\ge	Sub-Canopy Spe	cies Density	Avg. Height	Size	
	Red Maple	30	Log/Pole	12 8	80	Red Maple	High	10 - 20 feet	Sapling	
	Balsam Fir	20	Pole	8		Balsam Fir	High	Variable	Sapling	
	Bigtooth Aspen	5	Pole/Log	9		White Pine	Medium	Variable	Sapling	
	White Pine	30	XLog/Log/Pole	20						
	Black Cherry	5	Pole/Log	9						
	Sugar Maple	10	Log	16						
32	3204 - Mast F	Producing S	Shrub	Nonstock	ed	16.7	Unspecified	No		This old opening is filling in with trees.
						Sub-Canopy Spe	cies Density	Avg. Height	Size	
						Cladonia (Reindeer	moss) Medium		Non-Wood	
					E	Blueberry/Bilberry/Cr	anberry Medium		Tall Shrub	
						Serviceberry (June	berry) Medium		Tall Shrub	
						Black Cherry	Medium	5 - 10 feet	Sapling	
						Drooken Form	I II ada		N I 1 A / I	
						Bracken Fern	High		Non-Wood	
						White Pine	Medium	>20 feet	Log	
								>20 feet 5 - 10 feet		
33	4136 - Aspen	n, Mixed Co	onifer Pe	oletimber	Well	White Pine	Medium		Log	
33	4136 - Aspen		onifer Po	oletimber		White Pine Pin Cherry	Medium Medium Unspecified	5 - 10 feet	Log	
	Canopy Species Red Maple			DBH A	\ge	White Pine Pin Cherry 9.1 48 Sub-Canopy Spe	Medium Medium Unspecified Cies Density Low	5 - 10 feet N/A	Log Tall Shrub Size Sapling	
	Canopy Species Red Maple Quaking Aspen	% Cover	Size Class	7 7 4		White Pine Pin Cherry 9.1 48 Sub-Canopy Spe	Medium Medium Unspecified Cies Density Low	5 - 10 feet N/A Avg. Height	Log Tall Shrub	
	Canopy Species Red Maple Quaking Aspen Balsam Fir	% Cover 5 65 10	Pole Pole Pole	7 7 4 7	\ge	White Pine Pin Cherry 9.1 48 Sub-Canopy Spe	Medium Medium Unspecified Cies Density Low	5 - 10 feet N/A Avg. Height Variable	Log Tall Shrub Size Sapling	
	Canopy Species Red Maple Quaking Aspen Balsam Fir White Spruce	% Cover 5 65 10 5	Pole Pole	7 7 7 7 7 7	\ge	White Pine Pin Cherry 9.1 48 Sub-Canopy Spe	Medium Medium Unspecified Cies Density Low	5 - 10 feet N/A Avg. Height Variable	Log Tall Shrub Size Sapling	
	Canopy Species Red Maple Quaking Aspen Balsam Fir White Spruce White Pine	% Cover 5 65 10 5 10	Pole Pole Pole Pole Log	7 7 7 12	\ge	White Pine Pin Cherry 9.1 48 Sub-Canopy Spe	Medium Medium Unspecified Cies Density Low	5 - 10 feet N/A Avg. Height Variable	Log Tall Shrub Size Sapling	
	Canopy Species Red Maple Quaking Aspen Balsam Fir White Spruce	% Cover 5 65 10 5	Pole Pole Pole Pole Pole	7 7 7 7 7 7	\ge	White Pine Pin Cherry 9.1 48 Sub-Canopy Spe	Medium Medium Unspecified Cies Density Low	5 - 10 feet N/A Avg. Height Variable	Log Tall Shrub Size Sapling	
	Canopy Species Red Maple Quaking Aspen Balsam Fir White Spruce White Pine Black Cherry	% Cover 5 65 10 5 10	Pole Pole Pole Pole Log Pole	7 7 7 12	48	White Pine Pin Cherry 9.1 48 Sub-Canopy Spe	Medium Medium Unspecified Cies Density Low	5 - 10 feet N/A Avg. Height Variable	Log Tall Shrub Size Sapling	Tamarack is being impacted by larch beetle. There are a couple ridges
	Canopy Species Red Maple Quaking Aspen Balsam Fir White Spruce White Pine Black Cherry	% Cover	Pole Pole Pole Pole Log Pole	7 7 7 7 12 7	48 Well	White Pine Pin Cherry 9.1 48 Sub-Canopy Spe Balsam Fir Quaking Asper	Medium Medium Unspecified Cies Density Low Medium	5 - 10 feet N/A Avg. Height Variable 10 - 20 feet	Log Tall Shrub Size Sapling Sapling	Tamarack is being impacted by larch beetle. There are a couple ridges in stand, spruce is mature bur overall healthy.
	Canopy Species Red Maple Quaking Aspen Balsam Fir White Spruce White Pine Black Cherry	% Cover 5 65 10 5 10 5 lack Spruce % Cover 5	Pole Pole Pole Pole Pole Log Pole	7 7 7 12 7 Doletimber BH A 8	48 Well	White Pine Pin Cherry 9.1 48 Sub-Canopy Spe Balsam Fir Quaking Asper 27.0 80 Sub-Canopy Spe Balsam Fir	Medium Medium Unspecified Cicies Density Low Medium 51-80 Cicies Density Medium	N/A Avg. Height Variable 10 - 20 feet N/A Avg. Height 10 - 20 feet	Size Sapling Size Sapling	Tamarack is being impacted by larch beetle. There are a couple ridges
	Canopy Species Red Maple Quaking Aspen Balsam Fir White Spruce White Pine Black Cherry 6122 - Bl Canopy Species	% Cover	Pole Pole Pole Pole Pole Pole Pole Log Pole	DBH A 7 7 7 7 12 7 oletimber DBH A	48 Well	White Pine Pin Cherry 9.1 48 Sub-Canopy Spe Balsam Fir Quaking Asper 27.0 80 Sub-Canopy Spe	Medium Medium Unspecified Cicies Density Low Medium 51-80 Cicies Density Medium	N/A Avg. Height Variable 10 - 20 feet N/A Avg. Height	Log Tall Shrub Size Sapling Sapling	Tamarack is being impacted by larch beetle. There are a couple ridges
	Canopy Species Red Maple Quaking Aspen Balsam Fir White Spruce White Pine Black Cherry 6122 - Bl Canopy Species Paper Birch	% Cover 5 65 10 5 10 5 lack Spruce % Cover 5	Pole Pole Pole Pole Pole Pole Pole Size Class Pole	7 7 7 12 7 Doletimber BH A 8	48 Well	White Pine Pin Cherry 9.1 48 Sub-Canopy Spe Balsam Fir Quaking Asper 27.0 80 Sub-Canopy Spe Balsam Fir	Medium Medium Unspecified Cicies Density Low Medium 51-80 Cicies Density Medium	N/A Avg. Height Variable 10 - 20 feet N/A Avg. Height 10 - 20 feet	Size Sapling Size Sapling	Tamarack is being impacted by larch beetle. There are a couple ridges in stand, spruce is mature bur overall healthy.
	Canopy Species Red Maple Quaking Aspen Balsam Fir White Spruce White Pine Black Cherry 6122 - Bl Canopy Species Paper Birch Tamarack	% Cover 5 10 5 ack Spruce 5 15 15	Pole Pole Pole Pole Pole Pole Pole Size Class Pole Pole Pole	7 7 7 7 12 7 Oletimber 8 8 8 8 8 8	48 Well	White Pine Pin Cherry 9.1 48 Sub-Canopy Spe Balsam Fir Quaking Asper 27.0 80 Sub-Canopy Spe Balsam Fir Black Spruce	Medium Medium Unspecified Cies Density Low Medium 51-80 Cies Density Medium Medium Medium	N/A Avg. Height Variable 10 - 20 feet N/A Avg. Height 10 - 20 feet 10 - 20 feet	Size Sapling Size Sapling Sapling Sapling Sapling	Tamarack is being impacted by larch beetle. There are a couple ridges in stand, spruce is mature bur overall healthy.



Stand	d Level 4 C	over Type		Size De	ensity	Acres	Stand Age BA	A Range	Managed	Site	General Comments
35	4199 - Other Mixe	d Upland D	eciduous	Sapling	g Poor	21.3	2	1-50	N/A		Stand was cut in the spring of 2018, Bullets Planes and Contractors.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Regen is sufficient to call forested.
	Red Maple	40	Sapling	1	2	Pi	n Cherry	Medium	5 - 10 feet	Tall Shrub	
	Black Cherry	15	Sapling	1		Servicebe	erry (Juneberry)	Low	5 - 10 feet	Tall Shrub	
	Quaking Aspen	10	Sapling	1							
	Balsam Fir	5	Sapling	1		٠					
	White Spruce	5	Sapling	1							
	White Pine	5	Sapling	1							
	Bigtooth Aspen	20	Sapling	1							
36	622 - Lov	vland Shrub)	Nonst	ocked	24.1	0 Ur	specified (613 - Lowland M	lixed Forest	Unit 5 of Bullets Planes and Contractors Sale. Cut in winter of 18/19.
						Sub-Ca	nopy Species	Density	Avg. Height	Size	There is a lot of 2-4 inch maple that was not harvested. Featuring under story. Acceptable regen was anything, its a bit soon to see the spruce
						Re	ed Maple	Medium	>20 feet	Sapling	regen but it is expected.
						W	hite Pine	Low	>20 feet	Log	
						Pa	per Birch	Low	>20 feet	Pole	
37	429 - Mixed l	Jpland Con	ifers I	Poletimb	er Poc	or 11.9	30	1-50	N/A		Stand is an old opening that has filled in with trees. Sparse trees.
	Canopy Species	% Cover	Size Class		l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	White Pine	35	Pole/Sapling	g 5	30	Pi	n Cherry	Medium	5 - 10 feet	Tall Shrub	
	Red Maple	10	Sapling/Pole	e 4		Servicebe	erry (Juneberry)	Low	5 - 10 feet	Tall Shrub	
	Black Cherry	20	Pole/Sapling	g 5							
	White Spruce	15	Pole/Sapling	g 5							
	Balsam Fir	10	Pole/Sapling	g 5							
	Quaking Aspen	10	Pole/Sapling	g 5							
38	6229 - Mixed	d lowland sh	nrub	Nonst	ocked	49.5	Ur	specified	No		Creek with seasonal ponds. Dense alder & other tall shrubs.
						Sub-Ca	nopy Species	Density	Avg. Height	Size	
						Ta	ag Alder	High		Tall Shrub	
39	429 - Mixed l	Jpland Con	ifers Po	oletimbe	r Medi	um 4.5	45	1-50	N/A		Old opening - filling in with trees of varying sizes and ages.
	Canopy Species	% Cover	Size Class	DBF	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Maple	10	Pole/Sapling	_			ed Maple	Low	5 - 10 feet	Sapling	
	Quaking Aspen	10	Pole/Sapling	g 8		Qual	king Aspen	Medium	10 - 20 feet	Sapling	
	Balsam Fir	10	Pole/Sapling	9 6		Ва	alsam Fir	Low	Variable	Sapling	
	White Spruce	25	Pole/Sapling	9 6		Wh	ite Spruce	Low	5 - 10 feet	Sapling	
	White Pine	35	Pole/Sap/Log	g 8	45	W	hite Pine	Medium	Variable	Sapling	
	Black Cherry	10	Pole/Sapling	g 6		Bla	ck Cherry	Medium	5 - 10 feet	Sapling	
				'		Servicebe	erry (Juneberry)	Low	10 - 20 feet	Tall Shrub	



itano	d Level 4 Co	over Type	Si	ize De	nsity	Acres	Stand Age B	A Range	Managed S	Site	General Comments
40	6130 - Fir, <i>i</i>	Aspen, Ma	ple Pole	timber	Medium	n 19.6	83	81-110	N/A		Stand has 2 ages, the fir, spruce and aspen need to be harvested.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	
	Red Maple	40	Pole/Log	9	83	Red	Maple	Medium	5 - 10 feet	Sapling	
	Quaking Aspen	8	Pole	7		Bals	am Fir	Medium	Variable	Sapling	
	Balsam Fir	26	Pole	8	47	Black	Spruce	Medium	Variable	Sapling	
	Black Spruce	3	Pole	8	83	Black	Cherry	Medium	5 - 10 feet	Sapling	
	White Pine	13	XLog/Log	18	83	Тад	Alder	Medium	5 - 10 feet	Tall Shrub	
	White Spruce	8	Pole/Log	9	83						
	Paper Birch	2	Pole	7							
41	4319 - Mixed	l Upland Fo	orest Sa	wtimb	er Well	10.3	80	51-80	N/A		Stand slopes gently to the Sucker River which may preclude a harvest
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	due to the buffer. The fir and spruce are mature and falling apart.
	Red Maple	25	Log/Pole	10	80	Red	Maple	Medium	10 - 20 feet	Sapling	
	Quaking Aspen	15	Log/Pole	10		Bals	sam Fir	High	Variable	Sapling	
	Balsam Fir	5	Pole	8		White	Spruce	Medium	Variable	Sapling	
			Log/Pole	10		Whi	te Pine	Medium	Variable	Sapling	
	White Spruce	15	Log/Fole	10		V V I I I					
	White Spruce White Pine	30	Log/Pole/XLog	14	80		Cherry	Low	5 - 10 feet	Tall Shrub	
40	White Pine Black Cherry	30	Log/Pole/XLog Pole	14		Pin	•			Tall Shrub	
42	White Pine	30 10 I Upland Fo	Log/Pole/XLog Pole	14 8 timber	80 Medium	Pin n 17.4	70 opy Species	51-80 Density	5 - 10 feet N/A Avg. Height	Tall Shrub	Stand is a natural stand that has filled in over time creating several acclasses.
12	White Pine Black Cherry 4319 - Mixed	30 10 I Upland Fo	Log/Pole/XLog Pole Pole Pole	14 8 timber DBH	Medium	Pin 17.4 Sub-Can	70	51-80	N/A	Size Sapling	Stand is a natural stand that has filled in over time creating several as
12	White Pine Black Cherry 4319 - Mixed Canopy Species	30 10 I Upland Fo	Pole Pole Pole Pole Size Class	14 8 timber DBH 8 9	Medium	Pin 17.4 Sub-Can	70 opy Species	51-80 Density	N/A Avg. Height	Size	Stand is a natural stand that has filled in over time creating several a
12	White Pine Black Cherry 4319 - Mixed Canopy Species Red Maple Quaking Aspen White Spruce	30 10 Upland Fo % Cover	Pole Pole Size Class Pole	14 8 timber DBH 8 9 9	Medium	Pin 17.4 Sub-Can Red Quakii	70 opy Species Maple	51-80 Density Medium	N/A Avg. Height 5 - 10 feet	Size Sapling	Stand is a natural stand that has filled in over time creating several a
12	White Pine Black Cherry 4319 - Mixed Canopy Species Red Maple Quaking Aspen	30 10 I Upland Fo % Cover 20 10	Pole Size Class Pole Pole Pole	14 8 timber DBH 8 9 9	Medium	Pin 17.4 Sub-Can Red Quakin Bals	70 opy Species Maple ng Aspen	51-80 Density Medium Medium	N/A Avg. Height 5 - 10 feet 10 - 20 feet	Size Sapling Sapling	Stand is a natural stand that has filled in over time creating several ag
12	White Pine Black Cherry 4319 - Mixed Canopy Species Red Maple Quaking Aspen White Spruce	30 10 1 Upland Fo % Cover 20 10 10	Pole Size Class Pole Pole Pole Pole Pole/Log	14 8 timber DBH 8 9 9	Medium Age	Pin 17.4 Sub-Can Red Quakir Bals White	70 opy Species Maple ng Aspen sam Fir e Spruce te Pine	51-80 Density Medium Medium Medium	N/A Avg. Height 5 - 10 feet 10 - 20 feet Variable	Size Sapling Sapling Sapling	Stand is a natural stand that has filled in over time creating several a
12	White Pine Black Cherry 4319 - Mixed Canopy Species Red Maple Quaking Aspen White Spruce White Pine	30 10 I Upland Fo % Cover 20 10 10 40	Pole Size Class Pole Pole Pole Pole Pole/Log Log/Pole/XLog	14 8 timber DBH 8 9 9	Medium Age	Pin 17.4 Sub-Can Red Quakir Bals White	70 opy Species Maple ng Aspen sam Fir e Spruce	51-80 Density Medium Medium Medium Low	N/A Avg. Height 5 - 10 feet 10 - 20 feet Variable 5 - 10 feet	Size Sapling Sapling Sapling Sapling	Stand is a natural stand that has filled in over time creating several a
42	White Pine Black Cherry 4319 - Mixed Canopy Species Red Maple Quaking Aspen White Spruce White Pine	30 10 I Upland Fo % Cover 20 10 10 40	Pole Size Class Pole Pole Pole Pole Pole/Log Log/Pole/XLog	14 8 timber DBH 8 9 9	Medium Age	Pin 17.4 Sub-Can Red Quakii Bals White Whi	70 opy Species Maple ng Aspen sam Fir e Spruce te Pine	51-80 Density Medium Medium Medium Low Medium	N/A Avg. Height 5 - 10 feet 10 - 20 feet Variable 5 - 10 feet Variable	Size Sapling Sapling Sapling Sapling Sapling Sapling	Stand is a natural stand that has filled in over time creating several acclasses.
42	White Pine Black Cherry 4319 - Mixed Canopy Species Red Maple Quaking Aspen White Spruce White Pine Black Cherry	30 10 8 Upland Fo % Cover 20 10 10 40 20	Pole Pole Pole Pole Pole Pole Pole/Log Log/Pole/XLog Pole/Log Pole/Log	14 8 timber DBH 8 9 9 12 9	Age 70	Pin 17.4 Sub-Can Red Quakii Bals White Whi	70 opy Species Maple ng Aspen sam Fir e Spruce te Pine c Cherry	51-80 Density Medium Medium Medium Low Medium Low	N/A Avg. Height 5 - 10 feet 10 - 20 feet Variable 5 - 10 feet Variable 5 - 10 feet	Size Sapling Sapling Sapling Sapling Sapling Sapling Sapling	Stand is a natural stand that has filled in over time creating several acclasses.
	White Pine Black Cherry 4319 - Mixed Canopy Species Red Maple Quaking Aspen White Spruce White Pine Black Cherry	30 10 10 1 Upland Fo 20 10 10 40 20	Pole Pole Pole Pole Pole Pole Pole/Log Log/Pole/XLog Pole/Log Pole/Log	14 8 timber DBH 8 9 9 12 9	Age 70	Pin 17.4 Sub-Can Red Quakin Bals White White Serviceber 27.7	70 opy Species Maple ng Aspen sam Fir e Spruce te Pine c Cherry ry (Juneberry)	51-80 Density Medium Medium Medium Low Medium Low Low Low	N/A Avg. Height 5 - 10 feet 10 - 20 feet Variable 5 - 10 feet Variable 5 - 10 feet 5 - 10 feet	Size Sapling Sapling Sapling Sapling Sapling Sapling Sapling	Stand is a natural stand that has filled in over time creating several acclasses. Stand was cut in the spring of 2018, Bullets Planes and Contractors.
	White Pine Black Cherry 4319 - Mixed Canopy Species Red Maple Quaking Aspen White Spruce White Pine Black Cherry 4191 - Mixed Upla	30 10 10 1 Upland Fo 20 10 10 40 20	Pole Pole Pole Pole Pole Pole Pole Pole/Log Log/Pole/XLog Pole/Log Log/Pole/XLog Pole/Log	14 8 timber DBH 8 9 9 12 9	Medium Age 70 Medium	Pin 17.4 Sub-Can Red Quakin Bals White Whi Black Serviceber 27.7 Sub-Can	70 opy Species Maple ng Aspen sam Fir e Spruce te Pine c Cherry ry (Juneberry)	51-80 Density Medium Medium Low Medium Low Medium Low 1-50	N/A Avg. Height 5 - 10 feet 10 - 20 feet Variable 5 - 10 feet Variable 5 - 10 feet 5 - 10 feet N/A	Size Sapling Sapling Sapling Sapling Sapling Sapling Sapling Tall Shrub	Stand is a natural stand that has filled in over time creating several as classes. Stand was cut in the spring of 2018, Bullets Planes and Contractors.
	White Pine Black Cherry 4319 - Mixed Canopy Species Red Maple Quaking Aspen White Spruce White Pine Black Cherry 4191 - Mixed Upla	30 10 I Upland For 20 10 10 40 20 and Deciduonifer % Cover	Pole Pole Pole Pole Pole Pole Pole Pole Pole/Log Log/Pole/XLog Pole/Log Log/Pole/Log Pole/Log Pole/Log	timber DBH 8 9 12 9 timber	Medium Age 70 Medium	Pin 17.4 Sub-Can Red Quakin Bals White White Serviceber 1 27.7 Sub-Can	70 opy Species Maple ng Aspen sam Fir e Spruce te Pine (Cherry ry (Juneberry) 75 opy Species	51-80 Density Medium Medium Low Medium Low Medium Low Medium Low Density	N/A Avg. Height 5 - 10 feet 10 - 20 feet Variable 5 - 10 feet Variable 5 - 10 feet 5 - 10 feet N/A Avg. Height	Size Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling	Stand is a natural stand that has filled in over time creating several acclasses. Stand was cut in the spring of 2018, Bullets Planes and Contractors.
	White Pine Black Cherry 4319 - Mixed Canopy Species Red Maple Quaking Aspen White Spruce White Pine Black Cherry 4191 - Mixed Upla Co Canopy Species Sugar Maple	30 10 1 Upland Fo % Cover 20 10 10 40 20 and Deciduonifer % Cover	Pole Pole Pole Pole Pole Pole Pole Pole/Log Log/Pole/XLog Pole/Log Pole/Log Pole/Log	14 8 timber DBH 8 9 9 12 9	70 Medium Age Age	Pin 17.4 Sub-Can Red Quakii Bals White Whi Black Serviceber 27.7 Sub-Can Red Quakii	70 opy Species Maple ng Aspen sam Fir e Spruce te Pine c Cherry ry (Juneberry) 75 opy Species Maple	51-80 Density Medium Medium Low Medium Low Low 1-50 Density Medium	N/A Avg. Height 5 - 10 feet 10 - 20 feet Variable 5 - 10 feet Variable 5 - 10 feet 5 - 10 feet N/A Avg. Height 5 - 10 feet	Size Sapling Sapling Sapling Sapling Sapling Sapling Tall Shrub	Stand is a natural stand that has filled in over time creating several acclasses. Stand was cut in the spring of 2018, Bullets Planes and Contractors.
	White Pine Black Cherry 4319 - Mixed Canopy Species Red Maple Quaking Aspen White Spruce White Pine Black Cherry 4191 - Mixed Upla Co Canopy Species Sugar Maple Red Maple	30 10 10 10 10 10 10 40 20 and Deciduonifer % Cover 10 50	Pole Pole Pole Pole Pole Pole Pole Pole/Log	14 8 timber DBH 8 9 9 12 9 timber	70 Medium Age Age	Pin 17.4 Sub-Can Red Quakin Bals White Whi Black Serviceber 27.7 Sub-Can Red Quakin Bals	70 opy Species Maple ng Aspen sam Fir e Spruce te Pine k Cherry ry (Juneberry) 75 opy Species Maple ng Aspen	51-80 Density Medium Medium Low Medium Low Low 1-50 Density Medium Medium	N/A Avg. Height 5 - 10 feet 10 - 20 feet Variable 5 - 10 feet Variable 5 - 10 feet 5 - 10 feet N/A Avg. Height 5 - 10 feet 10 - 20 feet	Size Sapling Sapling Sapling Sapling Sapling Sapling Tall Shrub Size Sapling Sapling	Stand is a natural stand that has filled in over time creating several a classes. Stand was cut in the spring of 2018, Bullets Planes and Contractors.
	White Pine Black Cherry 4319 - Mixed Canopy Species Red Maple Quaking Aspen White Spruce White Pine Black Cherry 4191 - Mixed Upla Co Canopy Species Sugar Maple Red Maple Paper Birch	30 10 10 8 Cover 20 10 10 40 20 and Deciduonifer % Cover 10 50 10	Log/Pole/XLog Pole Pole Pole Pole Pole Pole/Log Log/Pole/XLog Pole/Log Pole/Log Pole/Log Pole/Log Pole/Log Pole/Log Pole/Log Pole/Log Pole/Log	14 8 timber DBH 8 9 9 12 9 timber DBH 9	70 Medium Age Age	Pin Pin 17.4 Sub-Can Red Quakin Bals White Serviceber 27.7 Sub-Can Red Quakin Bals White White	70 opy Species Maple ng Aspen sam Fir e Spruce te Pine c Cherry ry (Juneberry) 75 opy Species Maple ng Aspen sam Fir	51-80 Density Medium Medium Low Medium Low Low 1-50 Density Medium Medium Low Low	N/A Avg. Height 5 - 10 feet 10 - 20 feet Variable 5 - 10 feet Variable 5 - 10 feet 5 - 10 feet N/A Avg. Height 5 - 10 feet 10 - 20 feet Variable	Size Sapling Sapling Sapling Sapling Sapling Sapling Tall Shrub Size Sapling Sapling Sapling	Stand is a natural stand that has filled in over time creating several a classes. Stand was cut in the spring of 2018, Bullets Planes and Contractors.
	White Pine Black Cherry 4319 - Mixed Canopy Species Red Maple Quaking Aspen White Spruce White Pine Black Cherry 4191 - Mixed Upla Co Canopy Species Sugar Maple Red Maple Paper Birch White Pine	30 10 10 W Cover 20 10 10 40 20 and Deciduonifer % Cover 10 50 10	Pole Pole Pole Pole Pole Pole Pole Pole/Log Log/Pole/XLog Pole/Log Pole/Log	14 8 timber DBH 8 9 12 9 timber DBH 9 6 10	70 Medium Age Age	Pin Pin 17.4 Sub-Can Red Quakin Bals White Whi Black Serviceber 27.7 Sub-Can Red Quakin Bals White White White White White White	70 opy Species Maple ng Aspen sam Fir e Spruce te Pine t Cherry ry (Juneberry) 75 opy Species Maple ng Aspen sam Fir e Spruce	51-80 Density Medium Medium Low Medium Low Medium Low Medium Low Low 1-50 Density Medium Medium Medium Low Low Low	N/A Avg. Height 5 - 10 feet 10 - 20 feet Variable 5 - 10 feet Variable 5 - 10 feet 5 - 10 feet N/A Avg. Height 5 - 10 feet 10 - 20 feet Variable Variable Variable	Size Sapling	Stand is a natural stand that has filled in over time creating several a classes. Stand was cut in the spring of 2018, Bullets Planes and Contractors.
	White Pine Black Cherry 4319 - Mixed Canopy Species Red Maple Quaking Aspen White Spruce White Pine Black Cherry 4191 - Mixed Upla Co Canopy Species Sugar Maple Red Maple Paper Birch White Pine	30 10 10 W Cover 20 10 10 40 20 and Deciduonifer % Cover 10 50 10	Pole Pole Pole Pole Pole Pole Pole Pole/Log Log/Pole/XLog Pole/Log Pole/Log	14 8 timber DBH 8 9 12 9 timber DBH 9 6 10	70 Medium Age Age	Pin Pin 17.4 Sub-Can Red Quakin Bals White Whi Black Serviceber 27.7 Sub-Can Red Quakin Bals White White White White White	70 opy Species Maple ng Aspen sam Fir e Spruce te Pine (Cherry ry (Juneberry) 75 opy Species Maple ng Aspen sam Fir e Spruce te Pine	51-80 Density Medium Medium Low Medium Low Medium Low Medium Low Low 1-50 Density Medium Medium	N/A Avg. Height 5 - 10 feet 10 - 20 feet Variable 5 - 10 feet Variable 5 - 10 feet 5 - 10 feet N/A Avg. Height 5 - 10 feet 10 - 20 feet Variable Variable Variable Variable Variable	Size Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling Saling Sapling Sapling Sapling Sapling Sapling Sapling Sapling	Stand is a natural stand that has filled in over time creating several a classes. Stand was cut in the spring of 2018, Bullets Planes and Contractors.

Shingleton Mgt. Unit Report 7 - Stands



Stand	Level 4 C	over Type	5	Size De	nsity	Acres Stand Age	BA Range	Managed \$	Site	General Comments
44	4119 - Mixed No	orthern Har	dwoods P	oletimb	er Well	6.9 75	51-80	N/A		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Specie	s Density	Avg. Height	Size	
	Sugar Maple	5	Log/Pole	10		Red Maple	Medium	5 - 10 feet	Sapling	
	Red Maple	60	Pole/Sap/Log	8	75	Quaking Aspen	Medium	10 - 20 feet	Sapling	
	Quaking Aspen	15	Pole/Sapling	9		Balsam Fir	Medium	Variable	Sapling	
	White Pine	10	Pole/Sap/Log	9		White Spruce	Medium	Variable	Sapling	
	Black Cherry	10	Pole/Sapling	8		White Pine	Medium	Variable	Sapling	
						Black Cherry	Medium	5 - 10 feet	Sapling	
45	6128 - Lowland Dec	Coniferous iduous	, Mixed P	oletimb	er Well	59.4 80	51-80	N/A		Low, wet ground.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Specie	s Density	Avg. Height	Size	
	Red Maple	10	Pole/Log/Sap	9		Balsam Fir	Low	Variable	Sapling	
	Balsam Fir	5	Pole	8		Black Spruce	Medium	Variable	Sapling	
	Black Spruce	27	Pole	8		Northern White Ceda	r Low	Variable	Sapling	
No	rthern White Cedar	38	Pole/Log	8	80	Tag Alder	Medium	5 - 10 feet	Tall Shrub	
	White Pine	5	Log	14				1	·	•
	Tamarack	5	Pole	8						
	Paper Birch	10	Pole/Log	8						
46	6122 - BI	ack Spruce	e P	oletimb	er Well	17.0 88	51-80	N/A		Stand has a heavy maple understory in places. White pine is mixed throughout but heavier toward east. Stand is mature.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Specie	s Density	Avg. Height	Size	throughout but heavier toward east. Stand is mature.
	Quaking Aspen	5	Pole/Log	9		Balsam Fir	Low	Variable	Sapling	
	Balsam Fir	3	Pole/Sapling	7		Black Spruce	Medium	Variable	Sapling	
	Black Spruce	60	Pole/Log/Sap	8	88	Red Maple	High	10 - 20 feet	Sapling	
	Tamarack	2	Pole	8						
	White Pine	25	XLog/Log	20						
	Red Maple	3	Pole/Sapling	7						
	Paper Birch	2	Pole	7						
47	4119 - Mixed No	orthern Har	dwoods S	awtimb	er Well	10.9 79	111-140	N/A		Stand has some decent quality.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Specie	s Density	Avg. Height	Size	
	Sugar Maple	14	Log/Pole/XLog	12		Red Maple	Medium	5 - 10 feet	Sapling	
	Red Maple	61	Log/Pole/XLog	12	79	Balsam Fir	Medium	Variable	Sapling	
		-	Pole/Log/Sap	9		White Pine	Medium	Variable	Sapling	
	Yellow Birch	2	Fule/Lug/Sap	_						1
	Yellow Birch Balsam Fir	2	Pole	8		Striped Maple	Low	5 - 10 feet	Tall Shrub	
						Striped Maple Sugar Maple	Low Medium	5 - 10 feet 10 - 20 feet	Tall Shrub Sapling	
	Balsam Fir	2	Pole	8		· · · · · · · · · · · · · · · · · · ·				
	Balsam Fir White Spruce	2 2	Pole Pole/Log	8		· · · · · · · · · · · · · · · · · · ·				



		••		,		Size Density Nonstocked		Acres S				Site	General Comments
		5 - Bog		3.7				nspecified	No		Seasonally wet.		
						Sub-Cano	py Species	Density	Avg. Height	Size			
						Labrac	dor Tea	Full		Tall Shrub			
						Leath	nerleaf	Full		Tall Shrub			
9	6224 -	Treed Bog		Nonst	cked	4.7	U	nspecified	No		Seasonally wet drainage.		
						Sub-Cano	py Species	Density	Avg. Height	Size			
						Leath	nerleaf	High		Tall Shrub			
						Tama	arack	Low		Sapling			
						Tag	Alder	High		Tall Shrub			
						Northern W	Vhite Cedar	Low		Seeding			
						Willov	w spp.	High		Tall Shrub			
						Willov	w spp.	High		Tall Shrub			
						Willov	w spp.	High		Tall Shrub			
						Black	Spruce	Low		Sapling			
						Lahrac	dor Tea	High		Tall Shrub			
						Labiac	doi i ca						
							e Pine	Low		Seeding			
0	4191 - Mixed Upl	land Decidi onifer	uous with Sa	awtimb	er Well	White			N/A	Seeding	Mix of species. Portion of stand is somewhat lower - seasonal draina Aspen, spruce and fir are mature and need to be harvested. The		
					er Well	White	e Pine	Low	N/A Avg. Height	Seeding	Mix of species. Portion of stand is somewhat lower - seasonal draina Aspen, spruce and fir are mature and need to be harvested. The seasonal drain doesn't appear to need any special protection other th		
	Ċ	onifer			l Age	White	e Pine 70	Low 51-80			Mix of species. Portion of stand is somewhat lower - seasonal draina Aspen, spruce and fir are mature and need to be harvested. The		
C	Canopy Species	onifer % Cove	r Size Class	DBH	l Age	White 1 11.3 Sub-Cano Red I	70 ppy Species	Low 51-80 Density	Avg. Height	Size	Mix of species. Portion of stand is somewhat lower - seasonal draina Aspen, spruce and fir are mature and need to be harvested. The seasonal drain doesn't appear to need any special protection other th		
Q	Canopy Species Red Maple	% Cove	r Size Class Log/Pole	DB H	l Age	White 1 11.3 Sub-Cano Red I Balsa	70 ppy Species Maple	51-80 Density Medium	Avg. Height 5 - 10 feet	Size Sapling	Mix of species. Portion of stand is somewhat lower - seasonal draina Aspen, spruce and fir are mature and need to be harvested. The seasonal drain doesn't appear to need any special protection other the		
Q	Canopy Species Red Maple Quaking Aspen	% Cove 30 25	r Size Class Log/Pole Log/Pole	10 10 9	l Age	White White	70 Popy Species Maple am Fir	51-80 Density Medium Medium	Avg. Height 5 - 10 feet Variable	Size Sapling Sapling	Mix of species. Portion of stand is somewhat lower - seasonal draina Aspen, spruce and fir are mature and need to be harvested. The seasonal drain doesn't appear to need any special protection other th		
Q	Canopy Species Red Maple Quaking Aspen White Spruce	% Cove	r Size Class Log/Pole Log/Pole Pole/Log	10 10 9	l Age	White White	70 Popy Species Maple am Fir Spruce	51-80 Density Medium Medium Medium	Avg. Height 5 - 10 feet Variable Variable	Size Sapling Sapling Sapling	Mix of species. Portion of stand is somewhat lower - seasonal draina Aspen, spruce and fir are mature and need to be harvested. The seasonal drain doesn't appear to need any special protection other th		
Q	Canopy Species Red Maple Quaking Aspen White Spruce White Pine Black Cherry	% Cove 30 25 25 10 5	r Size Class Log/Pole Log/Pole Pole/Log Log/Pole/XLog Pole/Log/Sap	DBH 10 10 9 14 9	l Age	White 11.3 Sub-Cano Red I Balsa White White	70 Popy Species Maple am Fir Spruce	51-80 Density Medium Medium Medium	Avg. Height 5 - 10 feet Variable Variable	Size Sapling Sapling Sapling	Mix of species. Portion of stand is somewhat lower - seasonal draina Aspen, spruce and fir are mature and need to be harvested. The seasonal drain doesn't appear to need any special protection other th		
Q \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Canopy Species Red Maple Quaking Aspen White Spruce White Pine Black Cherry	% Cover 30 25 25 10 5 . Beech, Cociation	r Size Class Log/Pole Log/Pole Pole/Log Log/Pole/XLog Pole/Log/Sap	DBH 10 10 9 14 9	70	White Sub-Cano Red I Balsa White White	ppy Species Maple am Fir Spruce e Pine	Density Medium Medium Medium Medium Medium	Avg. Height 5 - 10 feet Variable Variable Variable	Size Sapling Sapling Sapling	Mix of species. Portion of stand is somewhat lower - seasonal draina Aspen, spruce and fir are mature and need to be harvested. The seasonal drain doesn't appear to need any special protection other th limiting crossongs.		
1	Canopy Species Red Maple Quaking Aspen White Spruce White Pine Black Cherry 4112 - Maple Asso	% Cover 30 25 25 10 5 . Beech, Cociation	r Size Class Log/Pole Log/Pole Pole/Log Log/Pole/XLog Pole/Log/Sap herry Pole/Rog	DBH 10 10 9 14 9	70	White Sub-Cano Red I Balsa White White I 9.1 Sub-Cano	ppy Species Maple am Fir Spruce e Pine	Density Medium Medium Medium Medium Medium	Avg. Height 5 - 10 feet Variable Variable Variable N/A	Size Sapling Sapling Sapling Sapling Sapling	Mix of species. Portion of stand is somewhat lower - seasonal draina Aspen, spruce and fir are mature and need to be harvested. The seasonal drain doesn't appear to need any special protection other th limiting crossongs.		
1	Canopy Species Red Maple Quaking Aspen White Spruce White Pine Black Cherry 4112 - Maple Asso Canopy Species	onifer % Cove 30 25 25 10 5 e, Beech, Cociation % Cove	r Size Class Log/Pole Log/Pole Pole/Log Log/Pole/XLog Pole/Log/Sap herry Pole r Size Class	DBH 10 9 14 9 Dletimb	70	White Sub-Cano Red I Balsa White White I 9.1 Sub-Cano Sugar	ppy Species Maple am Fir Spruce e Pine 80 ppy Species	Density Medium Medium Medium Medium Medium Medium Medium	Avg. Height 5 - 10 feet Variable Variable Variable N/A Avg. Height	Size Sapling Sapling Sapling Sapling	Mix of species. Portion of stand is somewhat lower - seasonal draina Aspen, spruce and fir are mature and need to be harvested. The seasonal drain doesn't appear to need any special protection other th limiting crossongs.		
Q Q \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Canopy Species Red Maple Quaking Aspen White Spruce White Pine Black Cherry 4112 - Maple Asso Canopy Species Sugar Maple	30 25 25 10 5	r Size Class Log/Pole Log/Pole Pole/Log Log/Pole/XLog Pole/Log/Sap herry Pole/Log r Size Class Pole/Log	10	70 70 Per Well	White Sub-Cano Red I Balsa White White I 9.1 Sub-Cano Sugar Red I	ppy Species Maple am Fir Spruce e Pine 80 ppy Species Maple	Density Medium Medium Medium Medium Medium Medium Medium Medium	Avg. Height 5 - 10 feet Variable Variable Variable N/A Avg. Height < 5 feet	Size Sapling Sapling Sapling Sapling Sapling	Mix of species. Portion of stand is somewhat lower - seasonal draina Aspen, spruce and fir are mature and need to be harvested. The seasonal drain doesn't appear to need any special protection other th limiting crossongs.		
1	Canopy Species Red Maple Quaking Aspen White Spruce White Pine Black Cherry 4112 - Maple Asso Canopy Species Sugar Maple Red Maple	onifer % Cove 30 25 25 10 5 Representation % Cove 30 50	r Size Class Log/Pole Log/Pole Pole/Log Log/Pole/XLog Pole/Log/Sap herry Pole/Log Pole/Log Pole/Log Pole/Log	DBH 10 10 9 14 9 Dletimb DBH 9	70 70 Per Well	White 11.3 Sub-Cano Red I Balsa White White I 9.1 Sub-Cano Sugar Red I Balsa	popy Species Maple am Fir Spruce e Pine 80 popy Species Maple Maple Maple	Density Medium Medium Medium Medium Medium Medium Medium Medium	Avg. Height 5 - 10 feet Variable Variable Variable N/A Avg. Height < 5 feet 5 - 10 feet	Size Sapling Sapling Sapling Sapling Sapling Sapling Sapling Sapling	Mix of species. Portion of stand is somewhat lower - seasonal draina Aspen, spruce and fir are mature and need to be harvested. The seasonal drain doesn't appear to need any special protection other th limiting crossongs.		
1	Canopy Species Red Maple Quaking Aspen White Spruce White Pine Black Cherry 4112 - Maple Asso Canopy Species Sugar Maple Red Maple	onifer % Cove 30 25 25 10 5 Representation % Cove 30 50	r Size Class Log/Pole Log/Pole Pole/Log Log/Pole/XLog Pole/Log/Sap herry Pole/Log Pole/Log Pole/Log Pole/Log	DBH 10 10 9 14 9 Dletimb DBH 9	70 70 Per Well	White Sub-Cano Red I Balsa White White I 9.1 Sub-Cano Sugar Red I Balsa White	popy Species Maple am Fir Spruce e Pine 80 popy Species Maple am Fir	Density Medium Medium Medium Medium Medium Medium Medium Medium 51-80 Density Medium Medium Low	Avg. Height 5 - 10 feet Variable Variable Variable N/A Avg. Height < 5 feet 5 - 10 feet Variable	Size Sapling	Mix of species. Portion of stand is somewhat lower - seasonal draina Aspen, spruce and fir are mature and need to be harvested. The seasonal drain doesn't appear to need any special protection other th limiting crossongs.		

Shingleton Mgt. Unit



Stand	d Level 4 C	over Type		Size De	nsity	Acres	Stand Age E	BA Range	Managed \$	Site	General Comments
53	4112 - Maple Asse	, Beech, Ch ociation	nerry S	Sawtimb	er Well	16.3	85	111-140	N/A		Stand last thinned in 1997. Stand needs a heavy harvest to open up canopy and create quality gaps.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Sugar Maple	26	Log/Pole	11		Suç	gar Maple	Medium	10 - 20 feet	Sapling	
	Red Maple	60	Log/Pole	12	85	Re	ed Maple	Medium	10 - 20 feet	Sapling	
	Yellow Birch	2	Log/Pole	11		Ва	ılsam Fir	Low	Variable	Sapling	
	White Pine	5	Log/Pole	12							-
	Black Cherry	5	Log/Pole	11							
	White Spruce	2	Pole/Log	9							
54	710 - \$	Sand, Soil		Nonsto	cked	5.8	L	Inspecified	No		Sand pit at end of airport runway.
55	429 - Mixed	Upland Cor	nifers S	Sawtimb	er Well	29.9	69	51-80	N/A		Steep hill along the Sucker River. Contains a few dispersed campsites.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Maple	10	Pole/Sap/Log	g 8		Re	ed Maple	Medium	5 - 10 feet	Sapling	
	Quaking Aspen	10	Pole/Sapling	9		Qual	king Aspen	Low	Variable	Sapling	
	Balsam Fir	10	Pole/Sapling	8		Ва	ılsam Fir	Medium	Variable	Sapling	
	White Spruce	30	Log/Pole	10		Whi	te Spruce	Medium	Variable	Sapling	
	White Pine	30	Log/Pole/XLo	g 14	69		hite Pine	Medium	Variable	Sapling	
	Black Cherry	10	Pole/Sap/Log	9 8		Bla	ck Cherry	Low	5 - 10 feet	Sapling	
						Servicebe	erry (Juneberry) Low	10 - 20 feet	Tall Shrub	
56	4136 - Asper	n, Mixed Co	nifer	Sapling	Well	44.1	24	1-50	N/A		Hilly terrain. Scattered large diameter white pine residuals, especially in
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	SE near county road. Wet drainage in stand.
	Red Maple	10	Sapling/Pole	3		Pi	n Cherry	Low	< 5 feet	Tall Shrub	
	Quaking Aspen	55	Sapling/Pole	4	24						-
	Balsam Fir	10	Sapling/Pole	4							
	White Spruce	5	Sapling	3							
	White Pine	15	Log	16							
	Black Cherry	5	Sapling	2							
57	6122 - B	lack Spruce	e F	Poletimb	er Well	17.2	85	81-110	N/A		This stand looks healthy but is mature. There is an upland ridge within
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	stand.
	Red Maple	6	Pole	8		Re	ed Maple	Medium	10 - 20 feet	Sapling	
	Quaking Aspen	5	Log	10		Ва	lsam Fir	Medium	5 - 10 feet	Sapling	
	Tamarack	2	Pole	8		Blad	ck Spruce	Low	5 - 10 feet	Sapling	
	Black Spruce	72	Pole/Log/Sap	8 c	85	Ta	ag Alder	Low	5 - 10 feet	Tall Shrub	
	White Pine	15	Log	16							-



Stand	Level 4 C	over Type	· · · · · · · · · · · · · · · · · · ·	Size De	nsity	Acres	Stand Age B	A Range	Managed \$	Site	General Comments
58	4112 - Maple Asso	, Beech, Cl ociation	herry S	Sawtimb	er Well	29.2	78	111-140	N/A		Garlic Sand, 0-6% slopes.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Sugar Maple	26	Log/Pole	16		Re	d Maple	Medium	10 - 20 feet	Sapling	
	Red Maple	60	Log/Pole	14	78	Ва	lsam Fir	Low	5 - 10 feet	Sapling	
	Yellow Birch	2	Log/Pole	10		Wh	nite Pine	Low	5 - 10 feet	Sapling	
	Balsam Fir	2	Pole	7						'	
	White Pine	3	XLog/Log	18							
	Black Cherry	7	Log/Pole	10							
59	429 - Mixed l	Jpland Cor	nifers S	Sawtimb	er Well	38.8	78	111-140	N/A		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Maple	15	Log/Pole	10		Re	d Maple	Medium	10 - 20 feet	Sapling	
	Quaking Aspen	10	Pole	8		Ва	lsam Fir	High	Variable	Sapling	
	Balsam Fir	25	Pole	8		Whi	te Spruce	Low	Variable	Sapling	
	White Spruce	10	Log/Pole	10		Wh	nite Pine	Low	Variable	Sapling	
	White Pine	30	Log/Pole/XLog	g 16	78	Blad	ck Cherry	Low	10 - 20 feet	Sapling	
	Black Cherry	10	Pole/Log	9							
60	6220 - A	Alder/willow		Nonsto	cked	1.6	U	nspecified	No		
						Sub-Ca	nopy Species	Density	Avg. Height	Size	
						Mixes Se	dges/Grasses	Medium		Non-Wood	
						Та	ng Alder	High		Tall Shrub	
61	429 - Mixed l	Jpland Cor	nifers Sa	wtimber	Mediu	m 24.7	59	1-50	N/A		Trees of varying sizes and ages in an old opening. Kalkaska Sand, 0-6% slopes, severely burned.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Giopoo, Governiy burned.
	Red Maple	10	Pole/Sapling	6		Re	d Maple	Low	10 - 20 feet	Sapling	
	Quaking Aspen	15	Pole	7		Quak	ing Aspen	Medium	10 - 20 feet	Sapling	
	Balsam Fir	10	Pole	6		Ва	lsam Fir	Low	Variable	Sapling	
	White Pine	50	Log/Pole	12	59	Whi	te Spruce	Low	Variable	Sapling	
	Black Cherry	15	Pole	8		Wh	nite Pine	Medium	Variable	Sapling	
						Blad	ck Cherry	Medium	10 - 20 feet	Sapling	
						Sorvicobo	erry (Juneberry)	Low	10 - 20 feet	Tall Shrub	

t 7 – Stands

OF NATURAL

Compartment: 104

Year of Entry: 2022

											Solution Entry. 2022
tand	Level 4 Cover Type			Size De	nsity	Acres	Stand Age	BA Range	Managed S	Site	General Comments
62	4134 - Aspe	n, Spruce/	/Fir	Sapling	Well	53.6	24	Immature	N/A		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Maple	5	Sapling	3	24	Та	g Alder	Low	5 - 10 feet	Tall Shrub	
	Quaking Aspen	70	Sapling	3	24	Pir	Cherry	Medium	5 - 10 feet	Tall Shrub	
	Balsam Fir	10	Sapling	2	24		-		ı		J
	White Spruce	5	Sapling	2	24						
	White Pine	5	Sapling	2	24						
	Black Spruce	5	Sapling	2	24						
63	4112 - Maple, Asso	Beech, Ch	nerry F	Poletimbe	er Wel		80	81-110	N/A		Thinned in 1997. Hilly terrain. BBD is present, though there are few beech trees. BA variable 60-130.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Sugar Maple	15	Pole/Log	9		Re	d Maple	High	5 - 10 feet	Sapling	
	Red Maple	65	Log/Pole	14	80	Ва	lsam Fir	Medium	Variable	Sapling	
	Yellow Birch	2	Log/Pole	12		H	emlock	Low	< 5 feet	Sapling	
	Beech	2	Pole	6		Sug	ar Maple	Medium	5 - 10 feet	Sapling	
	Balsam Fir	10	Pole	8		E	Beech	Medium	10 - 20 feet	Sapling	
	Hemlock	3	Log	14							
	Black Cherry	3	Log/Pole	12							
4	429 - Mixed U	Ipland Con	nifers Sa	wtimber	Mediu	m 30.2	86	51-80	N/A		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Maple	5	Pole	8		Re	d Maple	Low	5 - 10 feet	Sapling	
	Quaking Aspen	10	Pole	9		Ва	Isam Fir	Medium	Variable	Sapling	
	Balsam Fir	5	Pole	7		Whit	te Spruce	Medium	Variable	Sapling	
	White Spruce	10	Log/Pole	10	59	Wh	ite Pine	Medium	Variable	Sapling	
	White Pine	50	Log/Pole/XLog	g 16	86	Blac	k Cherry	Low	5 - 10 feet	Sapling	
	Black Cherry	20	Log/Pole	10					l		
55	42320 - Up	land Sprud	ce F	Poletimbe	er Wel	6.1	70	81-110	N/A		Sucker River riparian zone. Hilly. South of river has more hardwood
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	less conifer.
	Red Maple	10	Pole/Log	10		Ва	lsam Fir	Full	Variable	Sapling	
	Quaking Aspen	5	Pole	10		Whit	e Spruce	Medium	Variable	Sapling	
	Balsam Fir	15	Pole	8		Wh	ite Pine	Medium	Variable	Sapling	
	White Spruce	60	Pole/Log	10	70			1	1	1	1

White Pine

10

Pole/Log

10



	d Level 4 Co	Level 4 Cover Type				Acres	Stand Age B	A Kange	Managed Site		General Comments
66	42120 - Planted Jack Pine			Poletimber Wel		II 38.8	48	111-140	N/A		Adjacent to Sucker River. Dispersed camp sites near river. Kalkaska Sand 0-6% slopes, severely burned.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	Sand 0-0% slopes, severely burned.
	Red Maple	3	Pole/Sapling	7		Re	d Maple	Low	5 - 10 feet	Sapling	
	White Pine	4	Pole	8		Wh	ite Pine	Low	Variable	Sapling	
	Jack Pine	90	Pole	8	48	Blac	k Cherry	Low	5 - 10 feet	Tall Shrub	
	Black Cherry	3	Pole/Sapling	7							
67	429 - Mixed L	Jpland Cor	nifers Sa	awtimb	er We	II 4.3	59	111-140	N/A		Variable species density & BA.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
	Red Maple	10	Log/Pole	10		Re	d Maple	Medium	5 - 10 feet	Sapling	
	Quaking Aspen	3	Pole/Log	9		Bal	sam Fir	Medium	Variable	Sapling	
	Balsam Fir	25	Pole	6		Whit	e Spruce	Low	5 - 10 feet	Sapling	
	White Spruce	10	Pole	8	59	Wh	ite Pine	Medium	5 - 10 feet	Sapling	
	White Pine	50	Log/Pole	16	59						
	Black Cherry	2	Pole	8							
68	3204 - Mast F	Producing S	Shrub	Nonsto	ocked	424.1	U	nspecified	No		Large opening that has been filling in with cherry, juneberry, and
										Size	hawthorn. Some scattered clumps of trees: white pine, aspen, red
						Sub-Car	nopy Species Cherry	Density	Avg. Height 5 - 10 feet	Size Tall Shrub	hawthorn. Some scattered clumps of trees: white pine, aspen, red maple. Rolling terrain. Kalkaska sands, 0-15% slopes, severely burned.
						Sub-Car Pin	nopy Species Cherry	Density High	Avg. Height		hawthorn. Some scattered clumps of trees: white pine, aspen, red maple. Rolling terrain. Kalkaska sands, 0-15% slopes, severely burned.
						Sub-Car Pin Blueberry/B	nopy Species Cherry ilberry/Cranber	Density High High	Avg. Height	Tall Shrub	hawthorn. Some scattered clumps of trees: white pine, aspen, red maple. Rolling terrain. Kalkaska sands, 0-15% slopes, severely burned.
						Sub-Cai Pin Blueberry/B Cladonia (I	nopy Species Cherry	Density High High	Avg. Height	Tall Shrub	hawthorn. Some scattered clumps of trees: white pine, aspen, red maple. Rolling terrain. Kalkaska sands, 0-15% slopes, severely burned.
						Sub-Car Pin Blueberry/B Cladonia (F Servicebe	nopy Species Cherry ilberry/Cranber Reindeer moss	Density High ry High Medium	Avg. Height	Tall Shrub Tall Shrub Non-Wood	hawthorn. Some scattered clumps of trees: white pine, aspen, red maple. Rolling terrain. Kalkaska sands, 0-15% slopes, severely burned.
69	4319 - Mixed	l Upland Fo	orest Po	oletimb	per We	Sub-Cai Pin Blueberry/B Cladonia (I Servicebe Wh	nopy Species Cherry ilberry/Cranber Reindeer moss rry (Juneberry)	Density High ry High Medium Medium	Avg. Height 5 - 10 feet	Tall Shrub Tall Shrub Non-Wood Tall Shrub	hawthorn. Some scattered clumps of trees: white pine, aspen, red maple. Rolling terrain. Kalkaska sands, 0-15% slopes, severely burned.
69	4319 - Mixed Canopy Species	•	orest Po			Sub-Cai Pin Blueberry/B Cladonia (I Servicebe Wh	nopy Species a Cherry illberry/Cranber Reindeer moss rry (Juneberry) ite Pine	Density High ry High Medium Medium Low	Avg. Height 5 - 10 feet >20 feet	Tall Shrub Tall Shrub Non-Wood Tall Shrub	hawthorn. Some scattered clumps of trees: white pine, aspen, red maple. Rolling terrain. Kalkaska sands, 0-15% slopes, severely burned.
69		•			er We	Sub-Car Pin Blueberry/B Cladonia (I Servicebe Wh	nopy Species Cherry Ilberry/Cranber Reindeer moss rry (Juneberry) ite Pine	Density High ry High Medium Medium Low 81-110	Avg. Height 5 - 10 feet >20 feet N/A	Tall Shrub Tall Shrub Non-Wood Tall Shrub Pole	hawthorn. Some scattered clumps of trees: white pine, aspen, red maple. Rolling terrain. Kalkaska sands, 0-15% slopes, severely burned.
69	Canopy Species	% Cover	Size Class	DBH	oer We	Sub-Cai Pin Blueberry/B Cladonia (I Servicebe Wh III 17.9 Sub-Cai	nopy Species Cherry illberry/Cranber Reindeer moss rry (Juneberry) ite Pine 75 nopy Species	Density High ry High Medium Low 81-110 Density	Avg. Height 5 - 10 feet >20 feet N/A Avg. Height	Tall Shrub Non-Wood Tall Shrub Pole	hawthorn. Some scattered clumps of trees: white pine, aspen, red maple. Rolling terrain. Kalkaska sands, 0-15% slopes, severely burned.
69	Canopy Species Red Maple	% Cover	r Size Class Pole/Log	DBH 9	oer We	Sub-Cai Pin Blueberry/B Cladonia (I Servicebe Wh 17.9 Sub-Cai Re Bai	nopy Species Cherry Cherry Comparison Cherry Comparison Cherry Comparison Cherry Comparison Cherry Comparison Cherry Comparison Cherry	Density High ry High Medium Low 81-110 Density Medium	Avg. Height 5 - 10 feet >20 feet N/A Avg. Height 10 - 20 feet	Tall Shrub Non-Wood Tall Shrub Pole Size Sapling	hawthorn. Some scattered clumps of trees: white pine, aspen, red maple. Rolling terrain. Kalkaska sands, 0-15% slopes, severely burned.
69	Canopy Species Red Maple Balsam Fir	% Cover 46	Pole	DB H 9 6	oer We	Sub-Cai Pin Blueberry/B Cladonia (I Servicebe Wh 17.9 Sub-Cai Re Bal Whit	nopy Species Cherry Cherry Condernous Cherry	Density High ry High Medium Low 81-110 Density Medium High	Avg. Height 5 - 10 feet >20 feet N/A Avg. Height 10 - 20 feet Variable	Tall Shrub Non-Wood Tall Shrub Pole Size Sapling Sapling	hawthorn. Some scattered clumps of trees: white pine, aspen, red maple. Rolling terrain. Kalkaska sands, 0-15% slopes, severely burned.
69	Canopy Species Red Maple Balsam Fir White Spruce	% Cover 46 16 10	Pole Log/Pole	9 6 10	oer We	Sub-Cai Pin Blueberry/B Cladonia (I Servicebe Wh 17.9 Sub-Cai Re Bal Whit	nopy Species Cherry Cherry Condernous Cherry Condernous Cherry Condernous Cherry Condernous Cherry Condernous Cherry Cher	Density High ry High Medium Low 81-110 Density Medium High Low	Avg. Height 5 - 10 feet >20 feet N/A Avg. Height 10 - 20 feet Variable 5 - 10 feet	Tall Shrub Non-Wood Tall Shrub Pole Size Sapling Sapling Sapling	hawthorn. Some scattered clumps of trees: white pine, aspen, red maple. Rolling terrain. Kalkaska sands, 0-15% slopes, severely burned.
69	Canopy Species Red Maple Balsam Fir White Spruce White Pine	% Cover 46 16 10 22 6	Pole/Log/Pole XLog/Log/Pole YLog/Log/Sap	9 6 10 18	per We	Sub-Cai Pin Blueberry/B Cladonia (I Servicebe Wh 17.9 Sub-Cai Re Bai Whit Wh	nopy Species Cherry Cherry Condernous Cherry Cherry Condernous Cherry C	Density High High Medium Low 81-110 Density Medium High Low Medium High Low Medium	Avg. Height 5 - 10 feet >20 feet N/A Avg. Height 10 - 20 feet Variable 5 - 10 feet Variable 4212 - Planted	Tall Shrub Tall Shrub Non-Wood Tall Shrub Pole Size Sapling Sapling Sapling Sapling Sapling	hawthorn. Some scattered clumps of trees: white pine, aspen, red maple. Rolling terrain. Kalkaska sands, 0-15% slopes, severely burned. Garlic Sands, 0-6% slopes. Planted to JP 2009. Regen check in fall 2009 detected some failure due
	Canopy Species Red Maple Balsam Fir White Spruce White Pine Black Cherry	% Cover 46 16 10 22 6	Pole/Log/Pole XLog/Log/Pole YLog/Log/Sap	9 6 10 18 9	per We	Sub-Cai Pin Blueberry/B Cladonia (I Servicebe Wh 17.9 Sub-Cai Re Bai Whit Wh 96.7 Sub-Cai	nopy Species Cherry Cherry Condernous Cherry Condernous Cherry Condernous Cherry Condernous Cherry Condernous Cherry Condernous Cherry	Density High High Medium Low 81-110 Density Medium High Low Medium High Low Medium Double Density Medium Hobe Double Do	Avg. Height 5 - 10 feet >20 feet N/A Avg. Height 10 - 20 feet Variable 5 - 10 feet Variable 4212 - Planted Avg. Height	Tall Shrub Tall Shrub Non-Wood Tall Shrub Pole Size Sapling Sapling Sapling Sapling Sapling Sapling	hawthorn. Some scattered clumps of trees: white pine, aspen, red maple. Rolling terrain. Kalkaska sands, 0-15% slopes, severely burned. Garlic Sands, 0-6% slopes. Planted to JP 2009. Regen check in fall 2009 detected some failure due to grubs. Sand failed regen survey in 2013 with only 122 T/A.
	Canopy Species Red Maple Balsam Fir White Spruce White Pine Black Cherry	% Cover 46 16 10 22 6	Pole/Log/Pole XLog/Log/Pole YLog/Log/Sap	9 6 10 18 9	per We	Sub-Cai Pin Blueberry/B Cladonia (I Servicebe Wh 17.9 Sub-Cai Re Bal Whit Wh 96.7 Sub-Cai	nopy Species Cherry Cherry Composition Cherry Composition Cherry Composition Cherry Composition Cherry Cher	Density High ry High Medium Low 81-110 Density Medium High Low Medium High High High	Avg. Height 5 - 10 feet >20 feet N/A Avg. Height 10 - 20 feet Variable 5 - 10 feet Variable 4212 - Planted	Tall Shrub Tall Shrub Non-Wood Tall Shrub Pole Size Sapling Sapling Sapling Sapling Sapling Sapling Sapling Tall Shrub	hawthorn. Some scattered clumps of trees: white pine, aspen, red maple. Rolling terrain. Kalkaska sands, 0-15% slopes, severely burned. Garlic Sands, 0-6% slopes. Planted to JP 2009. Regen check in fall 2009 detected some failure due to grubs. Sand failed regen survey in 2013 with only 122 T/A. Replanted summer 2016. Passed 3rd year check fall 2019. Re-
	Canopy Species Red Maple Balsam Fir White Spruce White Pine Black Cherry	% Cover 46 16 10 22 6	Pole/Log/Pole XLog/Log/Pole YLog/Log/Sap	9 6 10 18 9	per We	Sub-Cai Pin Blueberry/B Cladonia (I Servicebe Wh 17.9 Sub-Cai Re Bal Whit Wh 96.7 Sub-Cai Pin Blueberry/B	nopy Species Cherry Cranberry	Density High ry High Medium Low 81-110 Density Medium High Low Medium High Low Medium High Low Medium High Low Medium High High High High High ry High	Avg. Height 5 - 10 feet >20 feet N/A Avg. Height 10 - 20 feet Variable 5 - 10 feet Variable 4212 - Planted Avg. Height	Tall Shrub Non-Wood Tall Shrub Pole Size Sapling Sapling Sapling Sapling Sapling Sapling Tall Shrub Tall Shrub	hawthorn. Some scattered clumps of trees: white pine, aspen, red maple. Rolling terrain. Kalkaska sands, 0-15% slopes, severely burned. Garlic Sands, 0-6% slopes. Planted to JP 2009. Regen check in fall 2009 detected some failure due to grubs. Sand failed regen survey in 2013 with only 122 T/A. Replanted summer 2016. Passed 3rd year check fall 2019. Reinventory notes: Cherry and some aspen dominate the stand and are
	Canopy Species Red Maple Balsam Fir White Spruce White Pine Black Cherry	% Cover 46 16 10 22 6	Pole/Log/Pole XLog/Log/Pole YLog/Log/Sap	9 6 10 18 9	per We	Sub-Cai Pin Blueberry/B Cladonia (I Servicebe Wh 17.9 Sub-Cai Re Bai Whit Wh 96.7 Sub-Cai Pin Blueberry/B Servicebe	nopy Species Cherry Cherry Composition Cherry Composition Cherry Composition Cherry Composition Cherry Cher	Density High ry High Medium Low 81-110 Density Medium High Low Medium High High High	Avg. Height 5 - 10 feet >20 feet N/A Avg. Height 10 - 20 feet Variable 5 - 10 feet Variable 4212 - Planted Avg. Height	Tall Shrub Tall Shrub Non-Wood Tall Shrub Pole Size Sapling Sapling Sapling Sapling Sapling Sapling Sapling Tall Shrub	hawthorn. Some scattered clumps of trees: white pine, aspen, red maple. Rolling terrain. Kalkaska sands, 0-15% slopes, severely burned. Garlic Sands, 0-6% slopes. Planted to JP 2009. Regen check in fall 2009 detected some failure due to grubs. Sand failed regen survey in 2013 with only 122 T/A. Replanted summer 2016. Passed 3rd year check fall 2019. Re-

Low

5 - 10 feet

Sapling

Quaking Aspen

Report 7 - Stands



Stand	I Level 4 C	S	Size Density			Acres Stand Age B		Managed Site		General Comments	
71	42200 - Nati	Pine Saw	Sawtimber Medium		m 28.4	59	1-50	N/A		Trees of varying sizes & ages in an old opening.	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	
	Red Maple	5	Pole/Sapling	8		Red	d Maple	Low	5 - 10 feet	Sapling	
	Balsam Fir	15	Pole/Sapling	7		Bals	sam Fir	Medium	Variable	Sapling	
	White Spruce	20	Pole/Sapling	8		White	e Spruce	Medium	Variable	Sapling	
	White Pine	60	Log/Pole/XLog	12	59	Wh	ite Pine	Medium	Variable	Sapling	
						Blac	k Cherry	Low	5 - 10 feet	Sapling	
72	429 - Mixed l	Upland Con	nifers Po	letimb	er Well	49.6	69	51-80	N/A		Steep hill along the Sucker River, and flat at bottom. Dispersed
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	campsites. Variable size and density of trees.
	Red Maple	10	Log/Pole	10		Red	d Maple	Low	Variable	Sapling	
	Quaking Aspen	10	Pole	8		Quaki	ng Aspen	Low	Variable	Sapling	
	Balsam Fir	20	Pole/Sapling	8		Bals	sam Fir	Medium	Variable	Sapling	
	White Spruce	20	Pole/Log/Sap	9		White	e Spruce	Medium	Variable	Sapling	
	White Pine	30	Log/Pole	14	69	Wh	ite Pine	Medium	Variable	Sapling	
	Black Cherry	10	Pole	8		Blac	k Cherry	Low	Variable	Sapling	
73	Black Cherry 42200 - Natu				Mediu		k Cherry 63	51-80	Variable N/A	Sapling	Area of trees within large opening. Higher BA in center, sparse at
73	,	ural White F		timber	Mediui	m 13.0				Size	Area of trees within large opening. Higher BA in center, sparse at edges. Mix of conifers and hardwood. Kalkaska sand, 0-6% slopes, severely burned.
73	42200 - Nati	ural White F	Pine Saw	timber		n 13.0 Sub-Can	63	51-80	N/A		edges. Mix of conifers and hardwood. Kalkaska sand, 0-6% slopes,
73	42200 - Natu	ural White I	Pine Saw	timber		n 13.0 Sub-Ca n	63	51-80 Density	N/A Avg. Height	Size Sapling Sapling	edges. Mix of conifers and hardwood. Kalkaska sand, 0-6% slopes,
73	42200 - Natu Canopy Species Red Maple	ural White F % Cover	Pine Saw Size Class Pole/Log/Sap	timber		m 13.0 Sub-Can Rec Quaki	63 nopy Species	51-80 Density Medium	N/A Avg. Height 5 - 10 feet	Size Sapling	edges. Mix of conifers and hardwood. Kalkaska sand, 0-6% slopes,
73	42200 - Natu Canopy Species Red Maple White Spruce	wral White F Cover 5 20	Pine Saw Size Class Pole/Log/Sap Pole	DBH 9	Age	m 13.0 Sub-Can Rec Quaki Bals	63 nopy Species d Maple ng Aspen	51-80 Density Medium Low	N/A Avg. Height 5 - 10 feet 10 - 20 feet	Size Sapling Sapling	edges. Mix of conifers and hardwood. Kalkaska sand, 0-6% slopes,
73	42200 - Nato Canopy Species Red Maple White Spruce White Pine	wral White F % Cover 5 20 70	Pine Saw Size Class Pole/Log/Sap Pole Log/XLog/Pole	DBH 9 8	Age	m 13.0 Sub-Can Rec Quaki Bals White	63 hopy Species Maple hg Aspen sam Fir	51-80 Density Medium Low Medium	N/A Avg. Height 5 - 10 feet 10 - 20 feet Variable	Size Sapling Sapling Sapling	edges. Mix of conifers and hardwood. Kalkaska sand, 0-6% slopes,
73	42200 - Nato Canopy Species Red Maple White Spruce White Pine	wral White F % Cover 5 20 70	Pine Saw Size Class Pole/Log/Sap Pole Log/XLog/Pole	DBH 9 8	Age	m 13.0 Sub-Can Rec Quaki Bals White	63 Hopy Species Maple Ing Aspen sam Fir E Spruce	51-80 Density Medium Low Medium Low	N/A Avg. Height 5 - 10 feet 10 - 20 feet Variable Variable	Size Sapling Sapling Sapling Sapling	edges. Mix of conifers and hardwood. Kalkaska sand, 0-6% slopes,
73	42200 - Nato Canopy Species Red Maple White Spruce White Pine	wral White F % Cover 5 20 70	Pine Saw Size Class Pole/Log/Sap Pole Log/XLog/Pole	DBH 9 8	Age	m 13.0 Sub-Can Rec Quaki Bals White Whi	63 Maple Ing Aspen sam Fir e Spruce ite Pine	51-80 Density Medium Low Medium Low Medium	N/A Avg. Height 5 - 10 feet 10 - 20 feet Variable Variable Variable	Size Sapling Sapling Sapling Sapling Sapling Sapling	edges. Mix of conifers and hardwood. Kalkaska sand, 0-6% slopes, severely burned.
73	42200 - Nato Canopy Species Red Maple White Spruce White Pine	wral White F % Cover 5 20 70 5	Pine Saw Size Class Pole/Log/Sap Pole Log/XLog/Pole Pole/Log	DBH 9 8 16 9	Age	m 13.0 Sub-Can Rec Quaki Bals White White Blacc Serviceber	63 I Maple Ing Aspen Isam Fir I Spruce I te Pine Ik Cherry	51-80 Density Medium Low Medium Low Medium Low Medium Low	N/A Avg. Height 5 - 10 feet 10 - 20 feet Variable Variable Variable Variable	Size Sapling Sapling Sapling Sapling Sapling Sapling Sapling	edges. Mix of conifers and hardwood. Kalkaska sand, 0-6% slopes, severely burned. Clearcut 1994. Regenerating to a mix of conifer and hardwood.
	42200 - Natu Canopy Species Red Maple White Spruce White Pine Black Cherry	wral White F Cover 5 20 70 5	Pine Saw Size Class Pole/Log/Sap Pole Log/XLog/Pole Pole/Log	DBH 9 8 16 9	63	m 13.0 Sub-Can Rec Quaki Bals White White Blacc Serviceber	63 In Apple Species If Maple Spen Spen Spen Spen Spen Spen Spen Spe	51-80 Density Medium Low Medium Low Medium Low Medium Low Low Low	N/A Avg. Height 5 - 10 feet 10 - 20 feet Variable Variable Variable Variable Variable Variable	Size Sapling Sapling Sapling Sapling Sapling Sapling Sapling	edges. Mix of conifers and hardwood. Kalkaska sand, 0-6% slopes, severely burned.
	42200 - Natu Canopy Species Red Maple White Spruce White Pine Black Cherry	wral White F Cover 5 20 70 5	Pine Saw Size Class Pole/Log/Sap Pole Log/XLog/Pole Pole/Log	DBH 9 8 16 9	63 Medium	m 13.0 Sub-Can Rec Quaki Bals White White Blacc Serviceber	63 In Apple Species If Maple Spen Spen Spen Spen Spen Spen Spen Spe	51-80 Density Medium Low Medium Low Medium Low Medium Low Low Low	N/A Avg. Height 5 - 10 feet 10 - 20 feet Variable Variable Variable Variable Variable Variable	Size Sapling Sapling Sapling Sapling Sapling Sapling Sapling	edges. Mix of conifers and hardwood. Kalkaska sand, 0-6% slopes, severely burned. Clearcut 1994. Regenerating to a mix of conifer and hardwood.
	42200 - Natu Canopy Species Red Maple White Spruce White Pine Black Cherry 4319 - Mixed Canopy Species	wral White F % Cover 5 20 70 5 5 Upland Fo	Pine Saw Size Class Pole/Log/Sap Pole Log/XLog/Pole Pole/Log Drest Sa	DBH 9 8 16 9 pling N	63 Medium	m 13.0 Sub-Can Rec Quaki Bals White White Blacc Serviceber	63 In Apple Species If Maple Spen Spen Spen Spen Spen Spen Spen Spe	51-80 Density Medium Low Medium Low Medium Low Medium Low Low Low	N/A Avg. Height 5 - 10 feet 10 - 20 feet Variable Variable Variable Variable Variable Variable	Size Sapling Sapling Sapling Sapling Sapling Sapling Sapling	edges. Mix of conifers and hardwood. Kalkaska sand, 0-6% slopes, severely burned. Clearcut 1994. Regenerating to a mix of conifer and hardwood.
	42200 - Natu Canopy Species Red Maple White Spruce White Pine Black Cherry 4319 - Mixed Canopy Species Red Maple	wral White F Cover 5 20 70 5 Upland Fc Cover 30	Pine Saw Size Class Pole/Log/Sap Pole Log/XLog/Pole Pole/Log Porest Sa Sapling	timber DBH 9 8 16 9 pling N DBH	63 Medium Age 16	m 13.0 Sub-Can Rec Quaki Bals White White Blacc Serviceber	63 In Apple Species If Maple Spen Spen Spen Spen Spen Spen Spen Spe	51-80 Density Medium Low Medium Low Medium Low Medium Low Low Low	N/A Avg. Height 5 - 10 feet 10 - 20 feet Variable Variable Variable Variable Variable Variable	Size Sapling Sapling Sapling Sapling Sapling Sapling Sapling	edges. Mix of conifers and hardwood. Kalkaska sand, 0-6% slopes, severely burned. Clearcut 1994. Regenerating to a mix of conifer and hardwood.
	42200 - Natu Canopy Species Red Maple White Spruce White Pine Black Cherry 4319 - Mixed Canopy Species Red Maple Balsam Fir	## Cover 5 20 70 5 5 5 5 5 5 5 5 5	Pine Saw Size Class Pole/Log/Sap Pole Log/XLog/Pole Pole/Log porest Sa Size Class Sapling Sapling	timber DBH 9 8 16 9 pling N DBH 3 2	63 Medium Age 16 16	m 13.0 Sub-Can Rec Quaki Bals White White Blacc Serviceber	63 In Apple Species If Maple Spen Spen Spen Spen Spen Spen Spen Spe	51-80 Density Medium Low Medium Low Medium Low Medium Low Low Low	N/A Avg. Height 5 - 10 feet 10 - 20 feet Variable Variable Variable Variable Variable Variable	Size Sapling Sapling Sapling Sapling Sapling Sapling Sapling	edges. Mix of conifers and hardwood. Kalkaska sand, 0-6% slopes, severely burned. Clearcut 1994. Regenerating to a mix of conifer and hardwood.



Stan	d Level 4 Co	Cover Type Size Density Acres Stand Age BA Range Managed Site		Site	General Comments						
75					Poletimber Well		48	81-110	N/A		JP plantation adjacent to Sucker River. Kalkaska Sand 0-6% slopes, severely burned.
	Canopy Species		Size Class		l Age	l	nopy Species	Density	Avg. Height	Size	
	Red Maple	2	Pole/Sapling	6			d Maple	Low	< 5 feet	Sapling	
	Quaking Aspen	2	Pole/Sapling	7			nite Pine	Low	Variable	Sapling	
	White Pine	2	Pole/Log/Sap	9		Blac	ck Cherry	Low	5 - 10 feet	Sapling	
	Jack Pine	92	Pole	8	48						
	Black Cherry	2	Pole/Sapling	6							
76	42120 - Plar	nted Jack P	Pine Po	oletimb	er We	ell 242.1	48	81-110	N/A		Jack Pine plantation. Seasonal drainage through stand with red pine along it. Some issues with ORV in past - appears mainly eliminated due
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	to blocking of the trails. Kalkaska sand, 0-15% slopes, severely burned.
	Red Maple	2	Pole/Sapling	7		Re	d Maple	Low	10 - 20 feet	Sapling	to steething of the trailer framework carra, o forest stepes, cores, yearnoan
	White Pine	2	Pole/Log/Sap	9		Blac	ck Cherry	Low	10 - 20 feet	Sapling	
	Red Pine	4	Pole/Log	9				'	1	1	
	Jack Pine	90	Pole/Log	9	48						
	Black Cherry	2	Pole/Sapling	7							
77	3204 - Mast P	roducing S	Shrub	Nonst	ocked	35.8	U	nspecified	No		Rolling terrain. Kalkaska sand, 0-6% slopes, severely burned. 2 small
					Sub-Ca	nopy Species	Density	Avg. Height	Size	ponds within stand.	
							n Cherry	Medium	Unspecified	Sapling	
						Servicebe	erry (Juneberry)	Medium	•	Tall Shrub	
							ilberry/Cranber			Tall Shrub	
							nite Pine	Medium	5 - 10 feet	Seeding	
										0	
78	3204 - Mast P	roducing S	Shrub	Nonst	ocked	46.3	U	nspecified	4212 - Planted	Jack Pine	Planted to JP 2009. Regen check in fall 2009 detected some failure due
						Sub-Ca	nopy Species	Density	Avg. Height	Size	to grubs. Sand failed regen survey in 2013 with only 122 T/A.
						Pir	n Cherry	High	5 - 10 feet	Tall Shrub	Replanted summer 2016. Passed 3rd year check fall 2019.
						Ja	ck Pine	Low	5 - 10 feet	Sapling	Re-inventory notes: Cherry and some aspen dominate the stand and are
						Quak	ing Aspen	Low	5 - 10 feet	Sapling	shading out the smaller jack pine. The larger jack pine were severely damaged by ice this past winter. Cherry is to large to kill with herbicide
											and therefore this stand may never become forested.
79	4115 - Y.Birc	h, Hemlock	NH :	Saplin	g Well	42.1	16	1-50	N/A		Harvested in 2004. Residual trees include hemlock, and a few
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	supercanopy white pine.
	Sugar Maple	10	Sapling	2	16	Servicebe	erry (Juneberry)	Low	5 - 10 feet	Tall Shrub	
	Red Maple	25	Sapling	2	16			'		,	-
	Yellow Birch	10	Sapling	2	16						
	Balsam Fir	5	Sapling	3	16						
	White Spruce	5	Sapling	3	16						
	White Pine	10	XLog	18							
	Hemlock	10	Pole/Sap/Log	9							
	Black Cherry	25	Sapling	2	16	İ					



General Comments Stand **Level 4 Cover Type** Size Density Acres Stand Age BA Range **Managed Site** 7.4 429 - Mixed Upland Conifers Poletimber Well 65 51-80 N/A 80 % Cover Size Class DBH Age Avg. Height **Canopy Species Sub-Canopy Species** Density Size 8 5 - 10 feet Sapling Red Maple 65 Red Maple Medium 35 Pole/Sapling 6 Balsam Fir Sapling Balsam Fir 10 Pole/Sapling Medium Variable White Spruce 20 Pole/Sapling 8 White Spruce Low Variable Sapling 30 12 White Pine Log/Pole White Pine Variable Sapling Low Black Cherry 5 Pole/Sapling 8 4113 - R.Maple, Conifer Sawtimber Well 50.6 80 81-110 N/A BA range from 50-160. Stand was part of Bullets Planes and Contractors 81 timbersale, this stand was returned un-cut because the producer lost % Cover Size Class **DBH Age Canopy Species Sub-Canopy Species** Density Avg. Height Size access through private land. Sugar Maple Loa/Pole 10 Red Maple 5 - 10 feet Sapling Medium Red Maple 50 Pole/Log/Sap 9 80 Balsam Fir Medium Variable Sapling Yellow Birch 2 Log/Pole 12 White Spruce Medium Variable Sapling 2 9 White Pine Beech Pole/Loa Medium Variable Sapling Balsam Fir 2 Pole/Sapling 7 White Spruce 2 9 Pole/Log/Sap White Pine 30 Log/Pole/XLog 12 2 Hemlock Log/Pole 12 9 Black Cherry 8 Pole/Log/Sap 6225 - Boa 4.1 Unspecified No 82 Nonstocked **Sub-Canopy Species** Density Avg. Height Size Mixes Sedges/Grasses Non-Wood High Leatherleaf Tall Shrub High 429 - Mixed Upland Conifers 41.5 63 81-110 N/A 83 Sawtimber Well Sucker River runs through a portion of the stand. Dispersed campsite along river. **Canopy Species** % Cover Size Class **Sub-Canopy Species** Avg. Height Size **DBH Age** Density Log/Pole 10 5 - 10 feet Red Maple 15 Red Maple Low Sapling Quaking Aspen 3 Pole 8 Balsam Fir Medium Variable Sapling Balsam Fir 12 Pole 8 White Spruce Medium Variable Sapling 15 Log/Pole 10 White Pine White Spruce Medium Variable Sapling White Pine 40 Log/Pole/XLog 16 63 Black Cherry 5 - 10 feet Low Sapling Black Cherry 15 9 Pole/Log 6225 - Bog Nonstocked 1.5 Unspecified Nο 84

Shingleton Mgt. Unit

Report 7 - Stands



Stand	Level 4 Co	over Type	er Type Size Density Acres Stand Age BA Range Managed Site		Site	General Comments						
85	6122 - Bla	ack Spruce	e P	oletimb	er Well	11.3 88	8	31-110	N/A		Stand is upland around the edges. Mature spruce.	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Sp	ecies	Density	Avg. Height	Size		
	Black Spruce	70	Pole	8	88	Balsam Fir		Low	Variable	Sapling		
No	rthern White Cedar	5	Pole	8		Black Spruce	Э	Low	Variable	Sapling		
	Balsam Fir	5	Pole	8								
	White Spruce	5	Pole/Log	9								
	Red Maple	5	Pole	8								
	White Pine	10	Log/Pole	12								
86	6225	- Bog		Nonsto	ocked	1.1	Un	specified	No			
87	4319 - Mixed	Upland Fo	orest Sav	vtimber	· Mediun	n 54.8 75	8	31-110	N/A		This is an open grown stand dominated by white pine with several acceptances	ge
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Sp	ecies	Density	Avg. Height	Size	classes.	
	Red Maple	5	Pole/Log	9		Red Maple		Medium	5 - 10 feet	Sapling		
	Balsam Fir	5	Pole	7		Balsam Fir		Medium	Variable	Sapling		
	White Spruce	20	Pole/Log	9		White Spruce	е	Low	Variable	Sapling		
	White Pine	60	Log/Pole/XLog	16	75	White Pine		Medium	Variable	Sapling		
	Black Cherry	10	Pole/Log	9		Black Cherry	/	Low	5 - 10 feet	Sapling		
88	6225	- Bog		Nonsto	cked	1.2	Un	specified	No			
89	6220 - Al	der/willow		Nonsto	cked	21.4	Un	specified	No		Sucker River floodplain.	
						Sub-Canopy Sp	ecies	Density	Avg. Height	Size		
						Tag Alder		High		Tall Shrub		
						Red Maple		Medium	>20 feet	Pole		
						Balsam Fir		Medium	10 - 20 feet	Sapling		
90	4119 - Mixed No	rthern Har	dwoods S	awtimb		23.7 80		31-110	N/A		Select harvested in 1989. Seasonal drainages flowing into the Suck	
	Canopy Species		Size Class	DBH	Age	Sub-Canopy Sp		Density	Avg. Height	Size	(especially in the west). Cedar and hemlock regen in skid roads.	
	Sugar Maple	25	Pole/Log/Sap	10		Sugar Maple		High	5 - 10 feet	Sapling	·	
	Red Maple	40	Pole/Log/Sap	10	80	Red Maple		High	5 - 10 feet	Sapling		
	Balsam Fir	5	Pole	8		Balsam Fir		Medium	Variable	Sapling		
	White Spruce	5	Pole/Log	10		White Spruce		Low	< 5 feet	Sapling		
No	rthern White Cedar	5	Log	14		Northern White C	Cedar	Low	< 5 feet	Seeding		
	White Pine	5	Log	14		White Pine		Medium	Variable	Sapling		
	Hemlock	5	Log	14		Hemlock		Low	< 5 feet	Seeding		



Stand	Level 4 Co	Cover Type Size Density Acres Stand Age BA Range Managed Site		Site	General Comments						
91	4115 - Y.Birch, Hemlock NH			Sapling Well		11.3	16	1-50	N/A		Harvested in 2004. Hemlock and scattered supercanopy white pine reserve trees remain.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Can	opy Species	Density	Avg. Height	Size	reserve trees remain.
	Sugar Maple	10	Sapling	2	16	Serviceberr	y (Juneberry)	Low	Variable	Sapling	
	Red Maple	25	Sapling	2	16						
	Yellow Birch	10	Sapling	2	16						
	Balsam Fir	5	Sapling	2	16						
	White Spruce	5	Sapling	2	16						
	White Pine	10	XLog	18							
	Hemlock	10	Pole/Sap/Log	9	16						
	Black Cherry	25	Sapling	2	16						
92	4319 - Mixed	l Upland Fo	rest P	Poletimb	er We	II 8.8	60	81-110	N/A		Steep hills. Garlic Sand 15-35% slopes. Mix of hardwood and conifer.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Can	opy Species	Density	Avg. Height	Size	
	Red Maple	40	Pole/Log	9	60	Red	Maple	Medium	5 - 10 feet	Sapling	
	Balsam Fir	20	Pole	8		Bals	am Fir	High	Variable	Sapling	
	White Spruce	10	Pole/Log	9		White	Spruce	Medium	Variable	Sapling	
	White Pine	12	Log/Pole/XLog	g 12		Whit	te Pine	Medium	Variable	Sapling	
	Hemlock	3	Log/Pole	10							•
I	Bigtooth Aspen	15	Log/Pole	11							
93	429 - Mixed U	Jpland Con	ifers P	Poletimb	er We	II 13.1	60	81-110	N/A		Scattered large white pine among fir/spruce.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Can	opy Species	Density	Avg. Height	Size	
	Red Maple	15	Pole	9		Bals	am Fir	High	Variable	Sapling	
(Quaking Aspen	10	Log/Pole	10		White	Spruce	Medium	Variable	Sapling	
	Balsam Fir	45	Pole	8	60	Whit	te Pine	Medium	Variable	Sapling	
	White Spruce	10	Pole	8							1
	White Pine	20	Log/Pole	10							
94	429 - Mixed U	Jpland Con	ifers Pol	letimbei	r Mediu	um 4.3	45	1-50	N/A		Old opening - filling in with trees of varying sizes and ages.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Can	opy Species	Density	Avg. Height	Size	
	Red Maple	10	Pole/Sapling	7	-		Maple	Low	5 - 10 feet	Sapling	
(Quaking Aspen	10	Pole/Sapling	8		Quakir	ng Aspen	Medium	10 - 20 feet	Sapling	
	Balsam Fir	10	Pole/Sapling	6		Bals	am Fir	Low	Variable	Sapling	
	White Spruce	25	Pole/Sapling	6		White	Spruce	Low	5 - 10 feet	Sapling	
	White Pine	35	Pole/Sap/Log		45		te Pine	Medium	Variable	Sapling	
	Black Cherry	10	Pole/Sapling			Black	Cherry	Medium	5 - 10 feet	Sapling	
1	•		. 0			Serviceberr		Low	10 - 20 feet	Tall Shrub	1

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Stand	Level 4 Cover Type			Size Density		Acres	Stand Age BA Range		Managed S	ite	General Comments
95	4113 - R.M	laple, Conif	er	Poletimber Well		3.3	80	81-110	N/A		Red Maple dominated stand that is too small to manage as all aged.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Maple	55	Pole/Log	9	80	Ва	alsam Fir	High	Variable	Sapling	
	Balsam Fir	10	Pole	8		Wh	ite Spruce	Low	5 - 10 feet	Sapling	
	White Spruce	5	Pole/Log	9		Re	ed Maple	Medium	10 - 20 feet	Sapling	
	Quaking Aspen	15	Pole	8							-
	Black Cherry	10	Pole/Log	9							
	White Pine	5	XLog/Log	18							
96	429 - Mixed l	Jpland Con	ifers	Sawtimb	er Well	3.1	80	81-110	N/A		Areas with large diameter White Pine; mix of tree sizes and species
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	throughout.
	White Pine	45	XLog/Log/Po	le 18	80	Ва	alsam Fir	Medium	Variable	Sapling	
	White Spruce	3	Log/Pole	10		Re	ed Maple	Medium	10 - 20 feet	Sapling	
	Balsam Fir	15	Pole	8		Wh	ite Spruce	Low	5 - 10 feet	Sapling	
	Bigtooth Aspen	20	Log/Pole	10						'	_
	Black Cherry	2	Pole/Log	9							
	Red Maple	15	Pole/Log	9							
101	42340 - Upl	and Spruce	/Fir	Sawtimb	er Well	1.7	80	81-110	N/A		Stand is mostly upland.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	White Pine	25	XLog/Log/Po	le 18		Ва	alsam Fir	Medium	Variable	Sapling	
	White Spruce	10	Log/Pole	12		Re	ed Maple	Medium	10 - 20 feet	Sapling	
	Black Spruce	35	Pole/Log	9	80	Bla	ck Spruce	Low	5 - 10 feet	Sapling	
	Balsam Fir	20	Pole/Log	9				,		•	-
	Quaking Aspen	10	Log/Pole	14							