

Compartment Review Presentation

Cadillac Forest Management Unit

Compartment 63014 Entry Year 2022 Acreage: 3,202 County Lake

Management Area: Lake County Moraines

Revision Date: 2020-06-11

Stand Examiner: Michael Aksamit

Legal Description:

T18N, R11W Sec. 5-8; T19N, R11W Sec. 31 & 32

Identified Planning Goals:

Vegetation management in the Lake county Moraines management area (MA) will provide forest products; maintain or enhance wildlife habitat; protect areas of unique threatened, endangered and special concern species and provide for forest-based recreational uses. Timber management for this 10-year planning period will focus on balancing the age class distributions of aspen and regenerating red pine and oak. Wildlife habitat management objectives include perpetuating early-successional communities for species adapted to young forests for hunting and other wildlife-related recreation opportunity. Expected trends within this 10-year planning period are increased recreational pressure (including illegal off-road vehicle impacts) and the need to successfully regenerate and establish oak.

Soil and topography:

Mostly Rubicon-Roselawn sands and Graycalm-Montcalm sands. Generally rolling to hilly.

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

This is a large block of state-ownership with scattered private holdings. There are some residences in the RMU, but not many. Most of the private ownership is undeveloped.

Unique Natural Features:

No records of element occurrences within this compartment are recorded.

Archeological, Historical, and Cultural Features:

There are the remains of a tower in stand #52. The drainage and series of ponds and old grades in Sec. 5 may be the results of old logging activity.

Special Management Designations or Considerations:

Visual management techniques need to be utilized where necessary for the travel influence zones of State Road, Frank Smith Road and the Tin Cup Springs Motorsport and Cycle Trails and a designated horse trail.

Watershed and Fisheries Considerations:

Drainage of a branch of the Little Manistee River is present in Sec 31. A drainage and a series of ponds is also present in Section 5. This area shows signs of past beaver activity. A variety of seeps and vernal ponds are found scattered throughout the compartment. Since the Little Manistee River and its tributaries are all Designated Trout Streams, BMPs should be followed along the creeks, tribs, seeps, and their associated wetlands. No active management for aspen regeneration should take place within 100 yards of the stream. Young aspen are prime food for beaver, and beavers have the potential to severely degrade a trout stream.

Mark Tonello - Also, active management for aspen regeneration in riparian zones adjacent to the small creeks and tributaries in this compartment should be avoided. Young aspen is a prime source of food for beavers, and beavers have the potential to negatively impact trout streams.

Wildlife Habitat Considerations:

Featured wildlife species include deer, bear, ruffed grouse, woodcock, and turkey. Other species utilizing early-successional communities and young forests will benefit from management for these species. Management objective is to maintain diversity of cover types and age classes as well as maintain and/or enhance habitat including work on openings and edges for wildlife species. Retain soft and hard mast sources where applicable to preserve wildlife hunting and viewing opportunities.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of an end moraine of coarse textured till. Glacial drift thickness varies between 600 and 800 feet. There is nearly 200 feet of local relief within the compartment. Beneath the Glacial Drift is the Pennsylvanian Grand River and Saginaw Formations. The Saginaw is quarried for clay/shale in other parts of the State. Gravel pits surround the compartment and potential is considered good. This area is located four miles northwest of the Reed City Field. The Reed City field produces from many formations. None of the land in the compartment is currently leased, and the general area has seen 8 dry holes drilled. Additional State minerals are located in the N½ of Section 32.

Vehicle Access:

There are no concerns at this time. County roads are well distributed through this compartment except for Sec 31 which has the Tin Cup Motor Sport trail as the only source of access.

Survey Needs:

SWNW QC corner in Stand 27

Recreational Facilities and Opportunities:

The Tin Cup Motor Sport Trail is an ORV route and Tin Cup Cycle Trails is an 40 inch trail that parallels the route throughout the compartment. Both are maintained under an ORV contract through Lansing.

The Tin Cup Horse Trail also is located in this compartment. Developed in the mid nineties jointly by a local horse club and the DNR. It receives a fair amount of use and hosts several horse events each year. The local horse club and the DNR jointly provide maintenance.

The area receives fairly heavy hunting pressure.

Fire Protection:

Access within this compartment will allow fire equipment to be utilized for wildfire suppression. Forest roads and ORV trails can be utilized for access. Fuel types are not conducive to major crown fires. ORV activities and dispersed camping can be causes of wildfires in this compartment.

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

Compartment 14 Year of Entry 2022

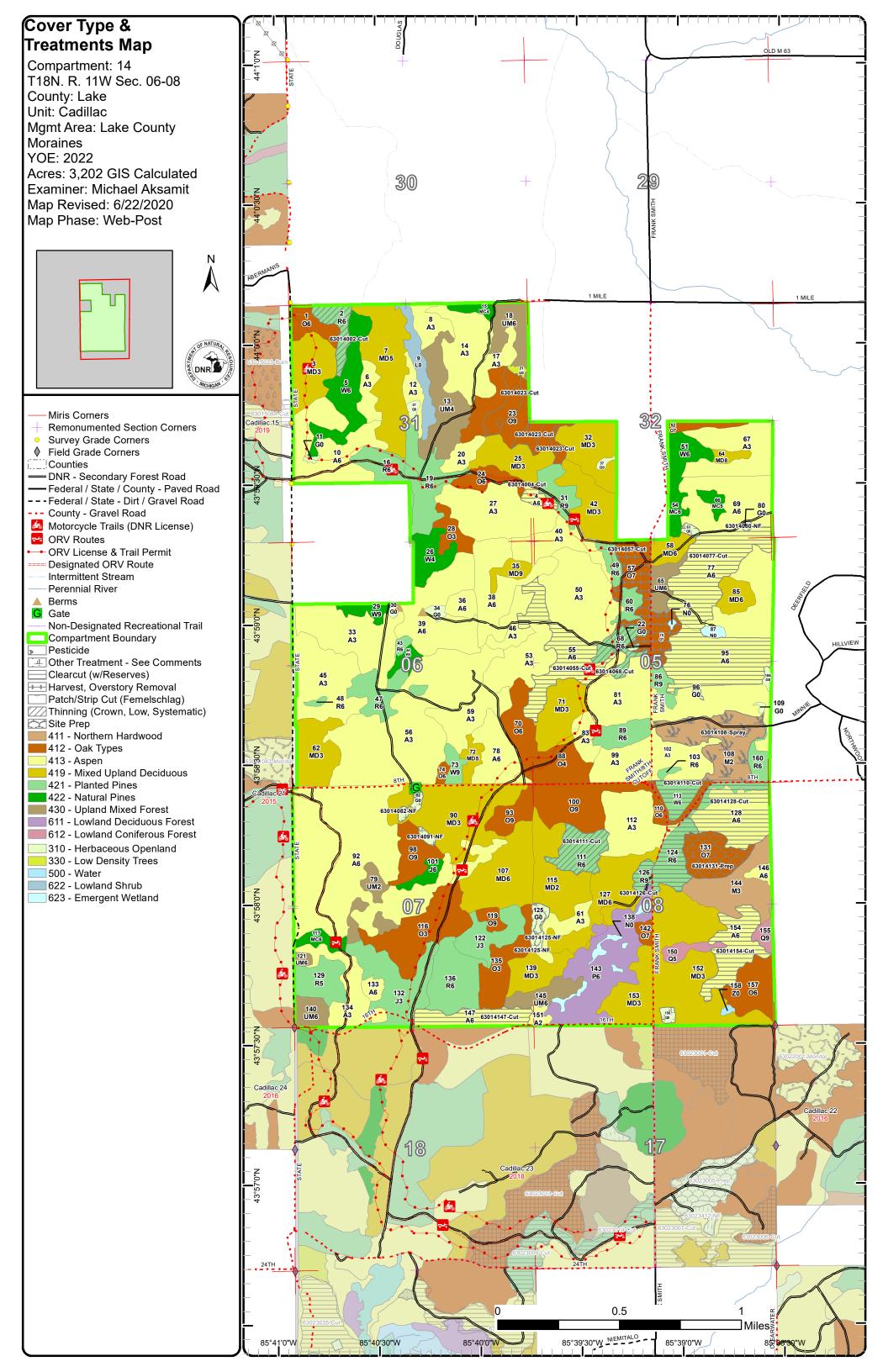
Michael Aksamit: Examiner

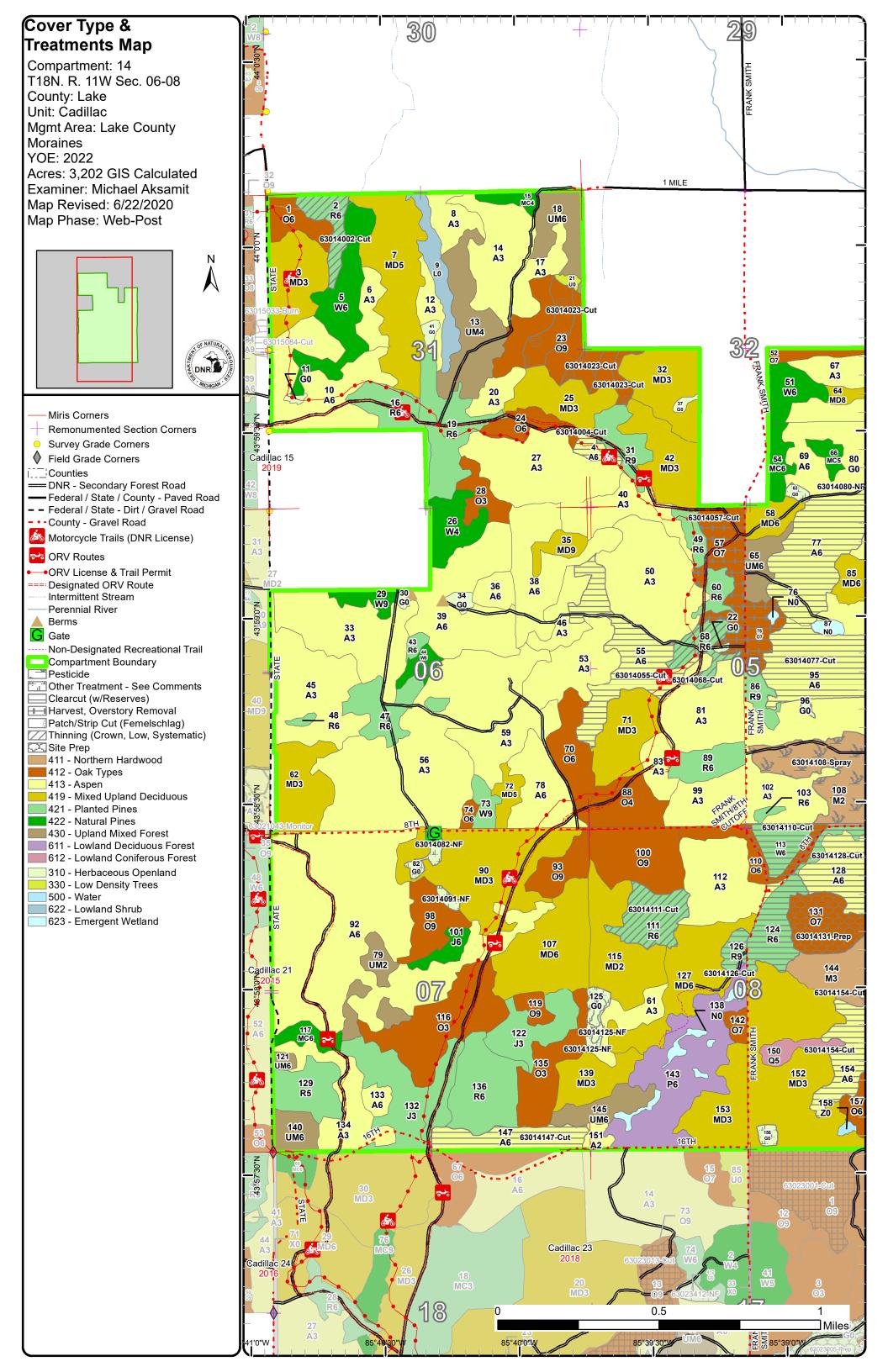
Cadillac Mgt. Unit

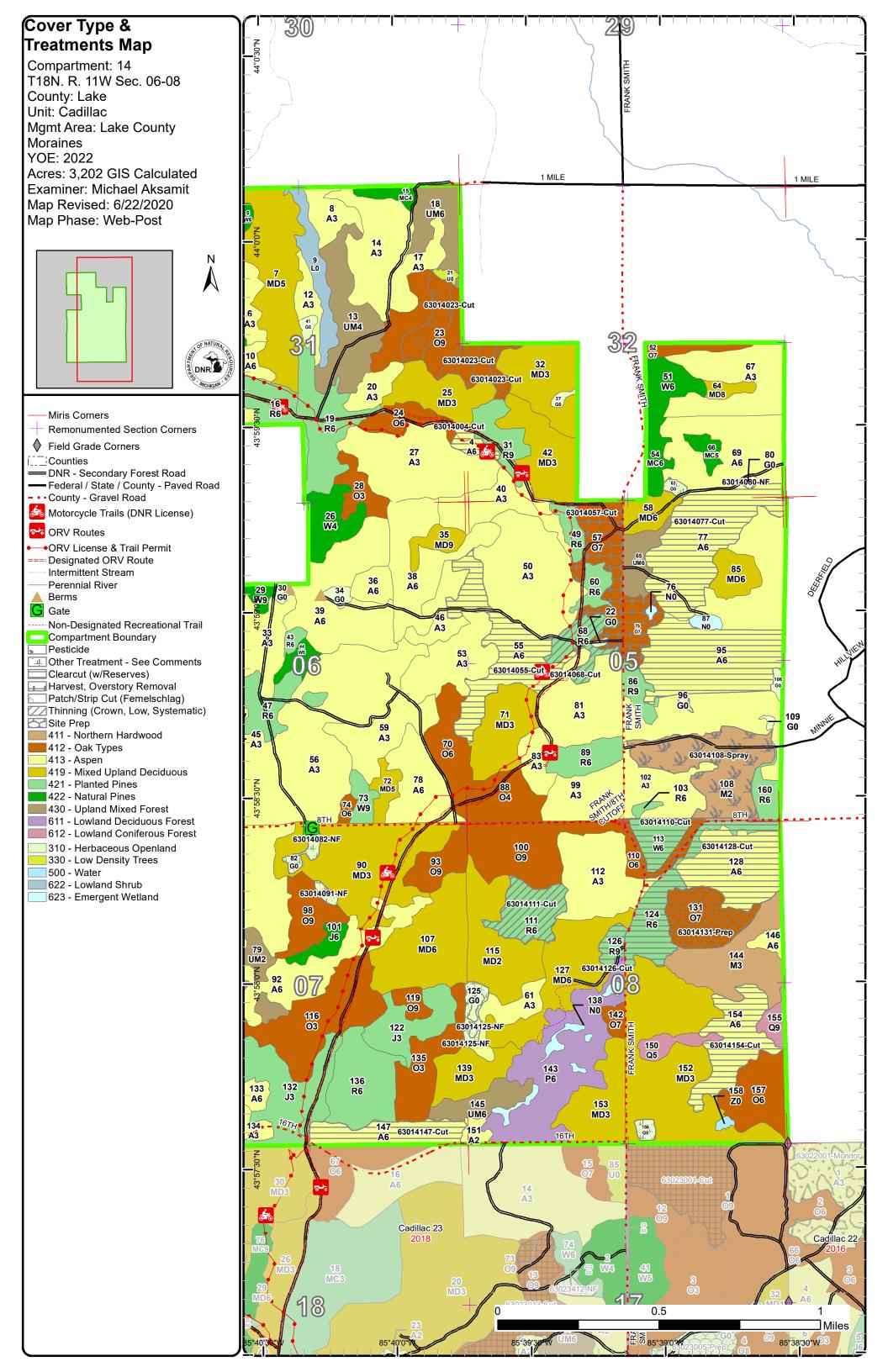


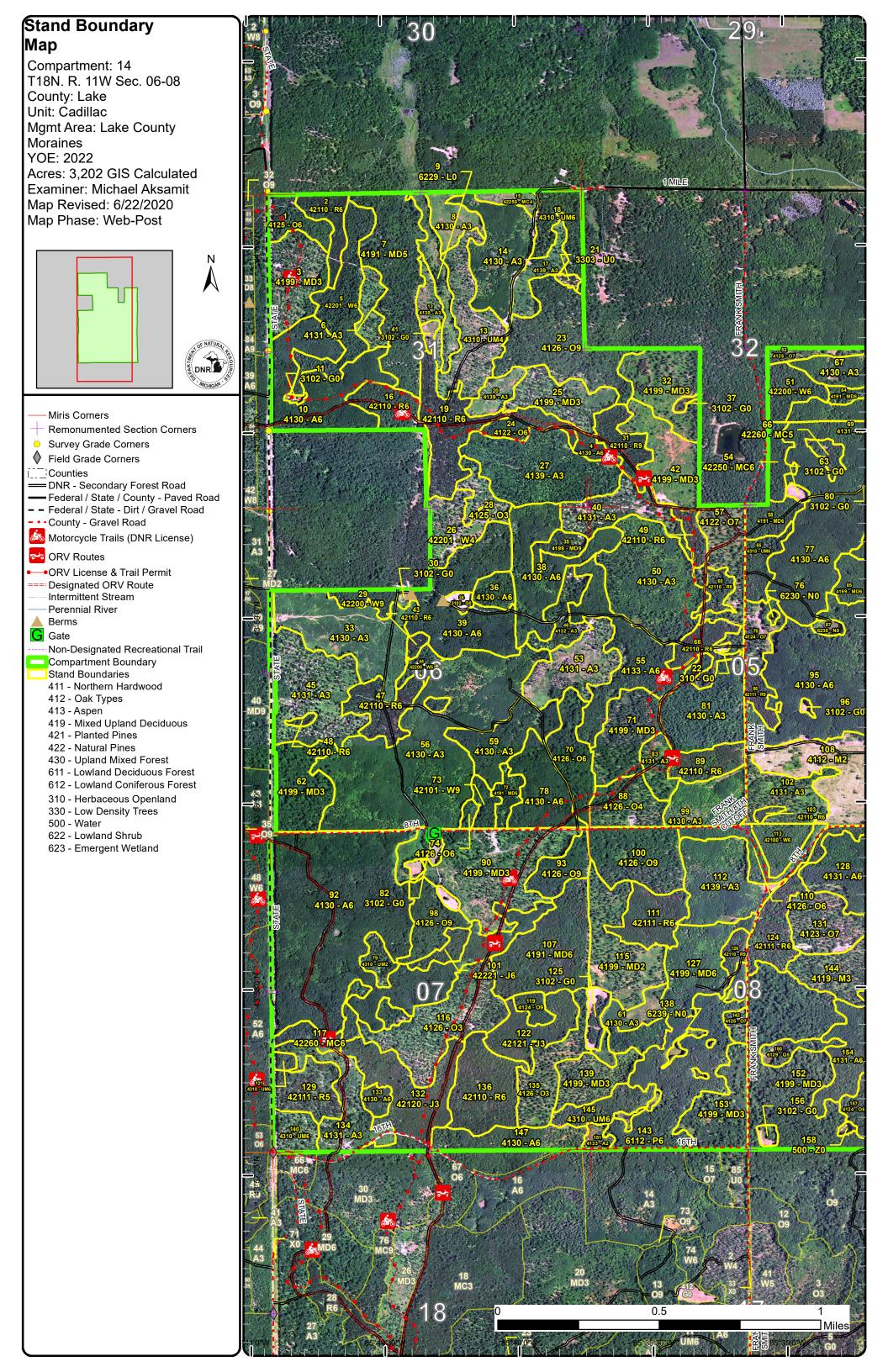
Age Class

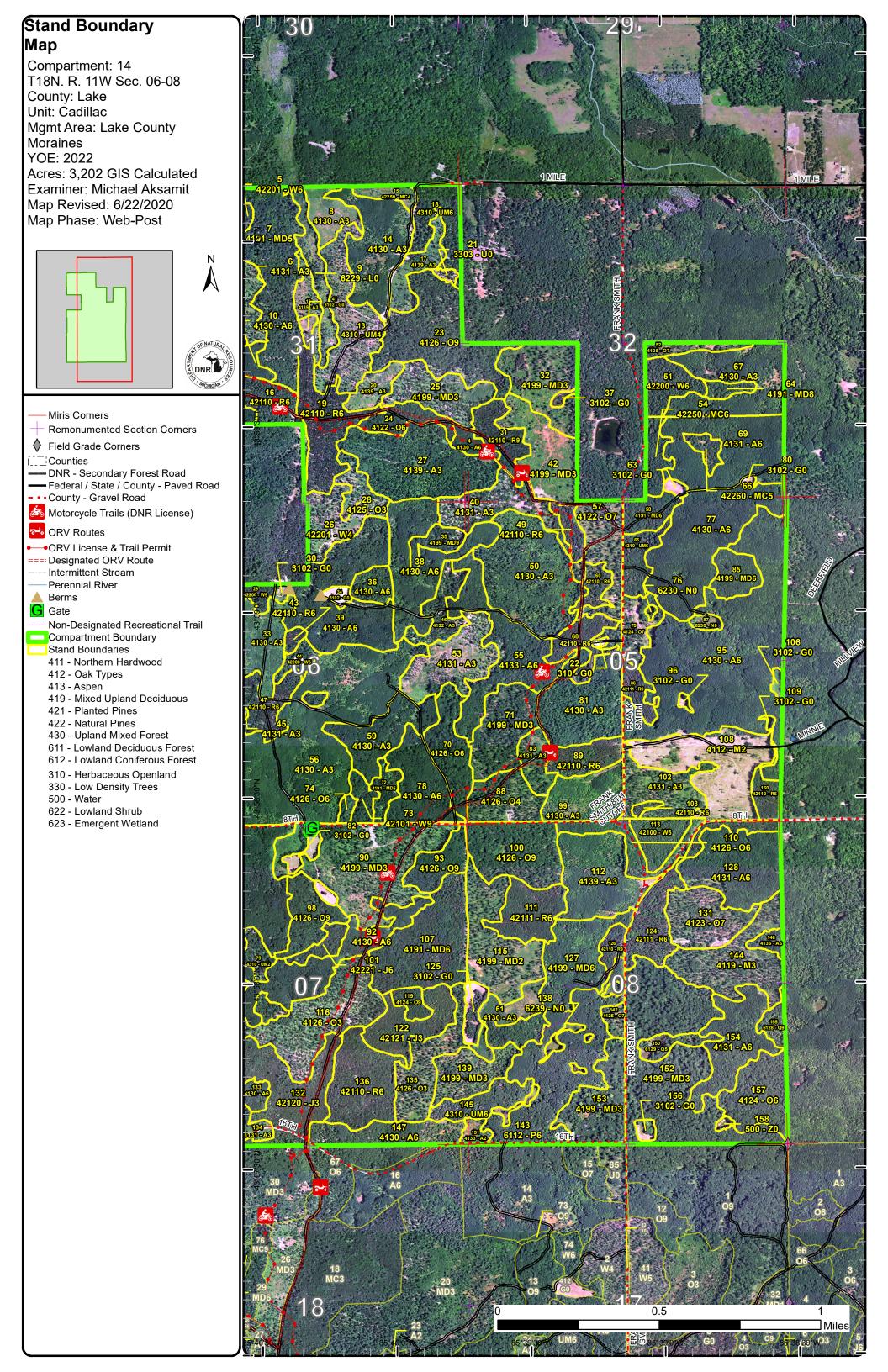
	No.	KO CO	\$ / <u>s</u>	of the second	A S	3 / 6	a kg	3/8	\$ / K		R &	S K	a Za	Q /5	N S		No.	St Store	N. N
Aspen	0	254	367	117	277	279	135	0	0	0	0	0	0	0	0	0	0	29	1457
Herbaceous Openland	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31
Jack Pine	0	0	0	63	0	6	0	0	0	0	0	0	0	0	0	0	0	0	69
Low-Density Trees	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Lowland Aspen/Balsam Poplar	0	0	0	0	0	61	0	0	0	0	0	0	0	0	0	0	0	0	60
Lowland Conifers	0	0	0	0	0	0	0	0	0	13	0	0	0	0	0	0	0	0	13
Lowland Shrub	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
Marsh	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Mixed Upland Deciduous	0	262	142	0	52	46	0	7	54	4	7	11	0	0	0	0	0	0	585
Natural Mixed Pines	0	0	0	6	14	0	7	0	0	0	0	0	0	0	0	0	0	0	27
Northern Hardwood	0	83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	83
Oak	0	81	0	0	0	0	0	0	59	121	65	57	0	0	0	0	0	0	382
Red Pine	0	0	0	0	46	37	82	95	0	0	0	0	0	0	0	0	0	0	260
Upland Mixed Forest	0	0	0	0	15	3	19	50	0	11	0	12	0	0	0	0	0	0	109
Water	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
White Pine	0	0	0	0	26	0	20	51	0	0	0	0	0	0	0	0	0	0	97
Total	60	680	509	186	430	432	263	203	113	149	72	80	0	0	0	0	0	29	3202

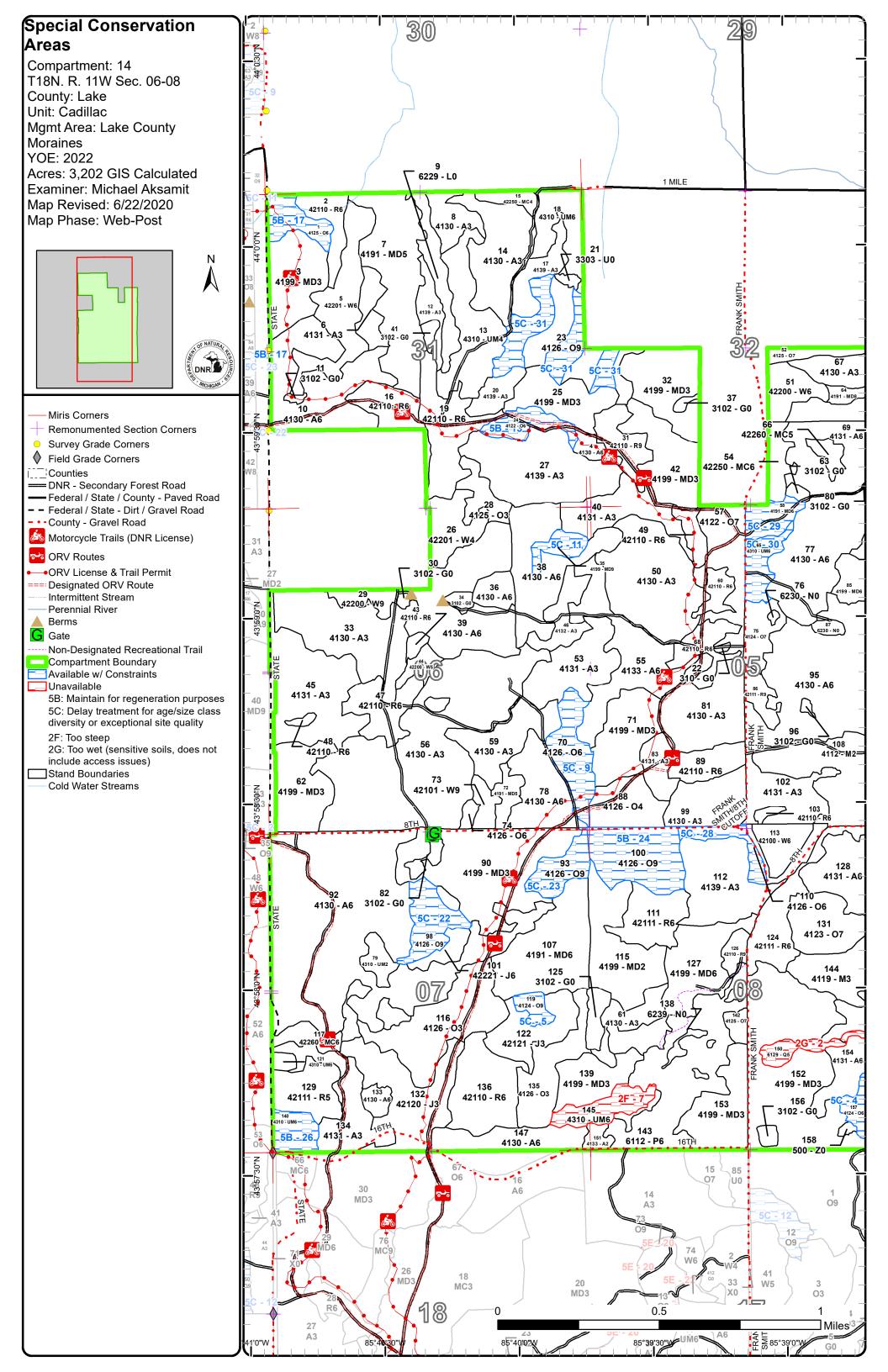


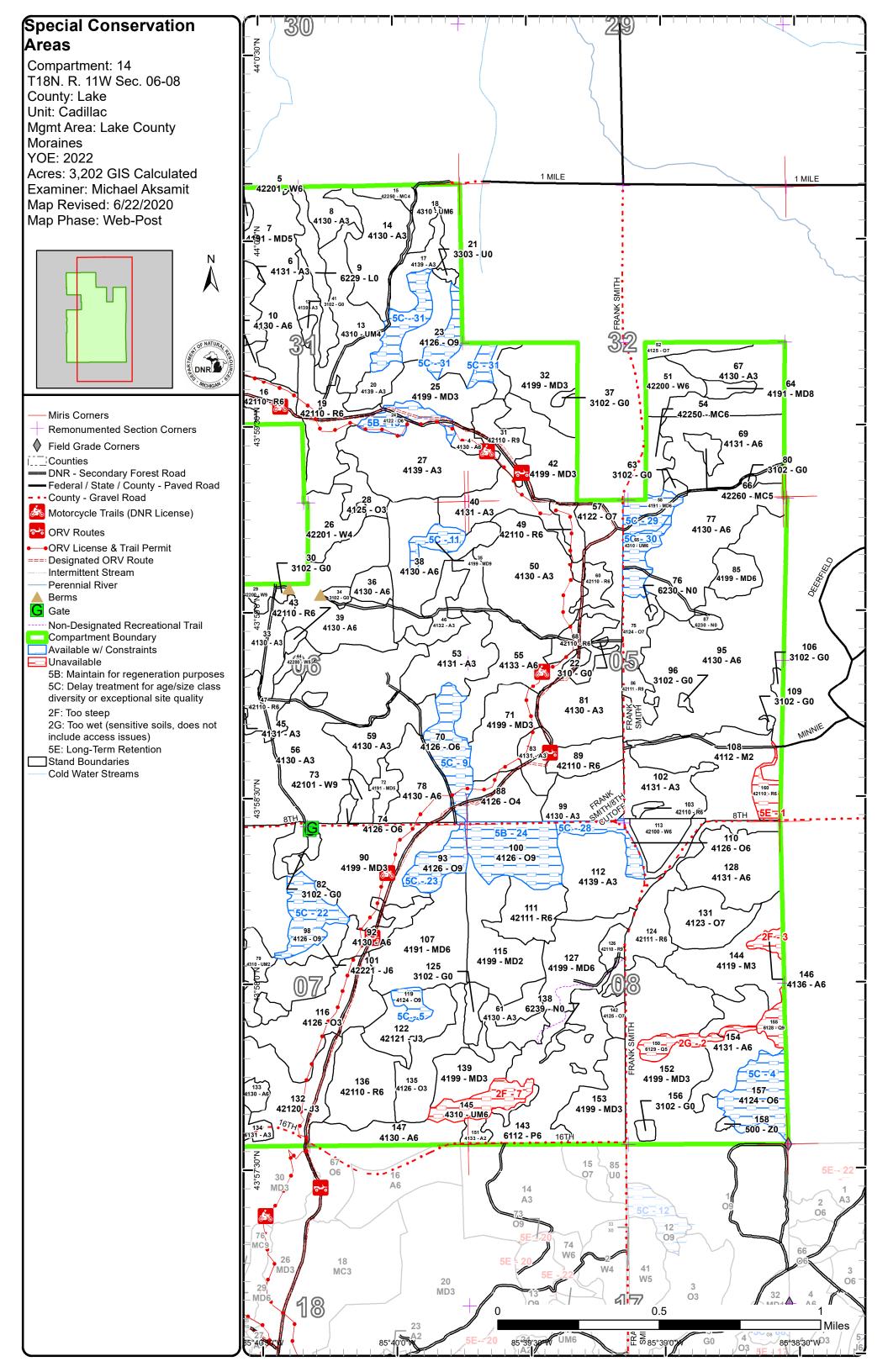














Report 2 – Treatment Summary

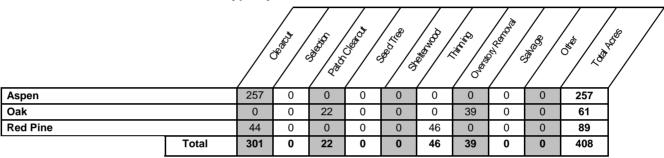
Cadillac Mgt. Unit Year of Entry: 2022

Acres of Harvest

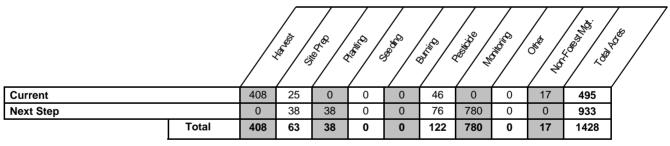
Compartment 14
Total Compartment Acres: 3,202

Commercial Harvest - 408 Harvests with Site Condition - 0 Next Step Harvest - 0 Habitat Cut - 0

Cover Type by Harvest Method



Proposed and Next Step Treatments by Method



Cadillac Mgt. Unit Report 3 -- Treatments Compartment: 14 S Year of Entry: 2022 t а **Treatment Treatment** Acres Stand Size Stand BA **Treatment Cover Type** Age Habitat n Method Objective Name Density Structure CoverType Age Range Type Cut d **Proposed Treatments:** 63014002-Cut 42110 - Planted 4211 - Planted 12.3 Poletimber 171-Harvest Systematic Even-Aged No Red Pine Well 200 . Thinning Red Pine Prescription Cut and remove every third row. Specs: Next Step **Treatments:** <u>Acceptable</u> Regen: Other Comment: Site Condition Proposed Start Date: 10/1 /2021 63014004-Cut 4130 - Aspen Poletimber Harvest Clearcut 413 - Aspen Even-Aged No 4.9 56 Well Prescription Clearcut with no retention due to small size. Include grouse spec. Next Step Monitoring, Natural Regen (Intermediate); Monitoring, Natural Regen (Re-Inventory) Treatments: Acceptable Aspen, Oak, Maple Regen: **Other** Comment: Site Condition Proposed Start Date: 10/1 /2021 63014023-Cut 21.9 4126 - White, Sawtimber 86 51-80 Harvest Strip/Patch/Gap 412 - Oak Types Two-Aged No Black, N. Pin Oak Well Cut (Femelschlag) Prescription Clearcut specified treatment areas (roughly 1/3 to 1/2 of parent stand). Whole tree skid to increase scarification. Oak wilt spec. Specs:

Next Step Treatments:

Regen:

Monitoring, Natural Regen (Intermediate); Monitoring, Natural Regen (Re-Inventory)

Acceptable Preferably oaks, some maple, aspen, cherry, white pine acceptable.

Other Percentage to Treat: 100%

Comment:
Site Condition

Cadillac Mgt. Unit Report 3 -- Treatments Compartment: 14 S Year of Entry: 2022 t а **Cover Type Treatment** Acres Stand Size Stand BA **Treatment Treatment** Age Habitat n Method Objective Density Structure Name CoverType Age Range Type Cut d 55 63014055-Cut 42.6 4133 - Aspen, Poletimber 111-Harvest Clearcut with 413 - Aspen Even-Aged No Well Mixed Pine Retention 140 Prescription Clearcut with standard retention. Include grouse spec. Specs: Next Step Monitoring, Natural Regen (Intermediate); Monitoring, Natural Regen (Re-Inventory) **Treatments:** Acceptable Aspen, Maple, Oak Regen: Other Comment: Site Condition Proposed Start Date: 10/1 /2021 63014057-Cut 39.3 4122 - Oak, Pine Sawtimber 100 1-50 Harvest Overstory 4319 - Mixed Even-Aged No Poor Removal **Upland Forest** Prescription Remove overstory left in last cut to release regeneration. Specs: Next Step Treatments: Acceptable Oak, Maple, Aspen, Pine Regen: Other Comment: Site Condition Proposed Start Date: 10/1 /2021 63014063-NF 1.9 3102 - Grass Nonstocked NonForestMgt Other - Specify 310 -No Herbaceous

Herbaceous Openland

<u>Prescription</u> Keep open. Treatment may include mowing, tilling, planting, brush and tree cutting, planting soft and hard mast species, or shrubs. <u>Specs:</u>

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Site Condition

Report 3 -- Treatments Cadillac Mgt. Unit Compartment: 14 S Year of Entry: 2022 t а **Treatment** Acres Stand Size Stand BA **Treatment Treatment Cover Type** Age Habitat n Method Density Objective Structure Name CoverType Age Range Type Cut d 68 63014068-Cut 13.2 42110 - Planted Poletimber 171-Harvest Low Thinning 42111 - Planted Even-Aged No Red Pine Well Red Pine, 200 Mixed Deciduous Prescription Thin to residual BA of 120, removing suppressed and poor form trees. Remove all aspen. Where possible, release advanced white oak regeneration. Specs: Next Step Treatments: Acceptable Red Pine, Oak, Maple Regen: Other Comment: Site Condition Proposed Start Date: 10/1 /2021 63014077-Cut 112.8 4130 - Aspen Poletimber 55 Harvest Clearcut with 413 - Aspen Even-Aged No Well Retention Prescription Clearcut with standard retention. Include grouse spec. Specs: Monitoring, Natural Regen (Intermediate); Monitoring, Natural Regen (Re-Inventory) Next Step Treatments: Acceptable Aspen, Red Maple, Oak, Cherry, White Pine

<u>Acceptable</u> Aspen, Red Maple, Oak, Cherry, White Pine Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2021

80 63014080-NF 0.9 3102 - Grass Nonstocked NonForestMgt Other - Specify 310 - No Herbaceous Openland

<u>Prescription</u> Keep open. Treatment may include mowing, tilling, planting, brush and tree cutting, planting soft and hard mast species, or shrubs. <u>Specs:</u>

Next Step

Treatments:

<u>Acceptable</u>

Regen:

<u>Other</u>

Comment:

Site Condition

Cadillac Mgt. Unit Report 3 -- Treatments Compartment: 14 S Year of Entry: 2022 t а **Cover Type Treatment** Acres Stand Size Stand BA **Treatment Treatment** Age Habitat n Method Objective Name Density Structure CoverType Age Range Type Cut d 82 63014082-NF 4.2 3102 - Grass Nonstocked Unspec NonForestMat Other - Specify 310 -No Herbaceous ified Openland Prescription Keep open. Treatment may include mowing, tilling, planting, brush and tree cutting, planting soft and hard mast species, or shrubs. Specs: Next Step Treatments: Acceptable Regen: Other Comment: Site Condition Proposed Start Date: 10/1 /2021 63014091-NF 310 -1.8 3102 - Grass Nonstocked Unspec NonForestMgt Other - Specify No 82 ified Herbaceous Openland Prescription Keep open. Treatment may include mowing, tilling, planting, brush and tree cutting, planting soft and hard mast species, or shrubs. Specs: Next Step Treatments: Acceptable Regen: <u>Other</u> Comment: Site Condition Proposed Start Date: 10/1 /2021 63014096-NF 1.0 3102 - Grass Nonstocked NonForestMgt Other - Specify 310 -No Herbaceous Openland Prescription Keep open. Treatment may include mowing, tilling, planting, brush and tree cutting, planting soft and hard mast species, or shrubs. Specs: Next Step Treatments: Acceptable Regen: Other Comment:

Site Condition

Cadillac Mgt. Unit Report 3 -- Treatments Compartment: 14 S Year of Entry: 2022 t а **Cover Type Treatment** Acres Stand Size Stand BA **Treatment Treatment** Age Habitat n CoverType Method Objective Name Density Structure Age Range Type Cut d 108 63014108-45.5 4112 - Maple, Sapling Immatu Pesticide **ERROR** 4211 - Planted Even-Aged No Red Pine Beech, Cherry Medium Spray re Association Prescription Skidder release spray to remove deciduous competition, primarily red maple. Specs: Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr) Next Step Treatments: Acceptable Red Pine Regen: Other Comment: Site Condition Proposed Start Date: 10/1 /2020 42111 - Planted 141-4211 - Planted 124 63014110-Cut 38.2 Poletimber 62 Clearcut with Harvest Even-Aged No Red Pine, Mixed Well 170 Retention Red Pine Deciduous Prescription Clearcut white pine on north side of road, red pine on south side of road, and mixed hardwoods in between. Use standard retention. Specs: SitePrep, Trenching; Pesticide, Skidder - Site Prep; Planting, Initial Plant; Pesticide, Skidder - Release; Monitoring, Artificial Next Step Treatments: Regen(1yr); Monitoring, Artificial Regen(3yr) Acceptable Planted red pine Regen: Other Comment: Site Condition Proposed Start Date: 10/1 /2021 111 63014111-Cut 20.4 42111 - Planted Poletimber 47 141-Harvest Systematic 4211 - Planted Even-Aged No Red Pine, Mixed Red Pine Well 170 Thinning

Deciduous Prescription Third row thin removing all trees within each take row.

Specs:

Next Step Treatments:

Acceptable red pine

Regen:

Other Comment:

Site Condition

Cadillac Mgt. Unit Report 3 -- Treatments Compartment: 14 S Year of Entry: 2022 ŧ а **Treatment** Acres Stand Size Stand BA **Treatment Treatment Cover Type** Age Habitat n Method Objective Structure Name CoverType Density Age Range Type Cut d 125 63014125-NF 4.5 3102 - Grass Nonstocked Unspec NonForestMgt Other - Specify 310 -Nο ified Herbaceous Openland Prescription Keep open. Treatment may include mowing, tilling, planting, brush and tree cutting, planting soft and hard mast species, or shrubs. Specs: Next Step Treatments: Acceptable Regen: Other Comment: Site Condition Proposed Start Date: 10/1 /2021 42110 - Planted Sawtimber 111-Clearcut with 4319 - Mixed 126 63014126-Cut 5.3 65 Harvest Even-Aged No 140 **Upland Forest** Red Pine Well Retention Prescription Cut all red pine. Red pine only. Specs: Next Step Monitoring, Natural Regen (Re-Inventory) **Treatments:** Acceptable red maple, aspen, red pine, white oak Regen: Other Comment: Site Condition Proposed Start Date: 10/1 /2022 45.2 4131 - Aspen, Oak Poletimber 128 63014128-Cut Harvest Clearcut with 413 - Aspen Even-Aged No Retention Prescription Clearcut with standard retention. Use grouse spec. Cold winter harvest for low areas in aspen. Specs: Clearcut red pine and mixed hardwoods out to the road. Allow to return to aspen. Monitoring, Natural Regen (Intermediate); Monitoring, Natural Regen (Re-Inventory) Next Step Treatments: Acceptable Aspen & Mixed Hardwoods Regen: Other Comment: Site Condition Proposed Start Date: 10/1 /2021 131 63014131-24.9 4123 - Red Oak Sawtimber 1-50 SitePrep Scarification 412 - Oak Types Two-Aged No Prep Poor Prescription Scarify entire stand, working around residual oaks. Specs: Next Step Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr) Treatments: Acceptable Oak, maple Regen: <u>Other</u> Comment:

Proposed Start Date: 10/1 /2021

Site Condition

Cadillac Mgt. Unit Report 3 -- Treatments Compartment: 14 S Year of Entry: 2022 t а **Treatment** Acres Stand Size Stand BA **Treatment Treatment Cover Type** Age Habitat n Method Objective Structure Name CoverType Density Age Range Type Cut d 63014147-Cut 20.7 4130 - Aspen Poletimber Harvest Clearcut with 413 - Aspen Even-Aged No Well Retention Prescription Clearcut with standard retention, use grouse spec. Harvest with stand 16 in compartment 63023 to the south. Specs: Next Step Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr) **Treatments:** Acceptable Aspen, Maple, Oak, Pine Regen: Other Comment: Site Condition Proposed Start Date: 10/1 /2023 154 63014154-Cut 30.8 4131 - Aspen, Oak Poletimber 55 Harvest Clearcut with 413 - Aspen Even-Aged No Retention Prescription Clearcut with retention. Include grouse spec. Cold winter harvest to capture low area, otherwise exclude. Specs: Next Step Monitoring, Natural Regen (Intermediate); Monitoring, Natural Regen (Re-Inventory) Treatments: Acceptable Aspen, mixed hardwoods. Regen: Other Comment: Site Condition Proposed Start Date: 10/1 /2021 156 63014156-NF 2.3 3102 - Grass Nonstocked NonForestMgt Other - Specify 310 -No

Herbaceous Openland

Prescription Keep open. Treatment may include mowing, tilling, planting, brush and tree cutting, planting soft and hard mast species, or shrubs.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2021

Total Treatment 494.6 Acreage Proposed:

Compartment: 14

Cadillac Mgt. Unit

Michael Aksamit : Examiner Year of Entry: 2022

Availa	ability for	Managemer	nt						
Total	Acres	Acres Avail	Acres	D	omina	nt Site	e Con	dition	s
Acres	Available	With Condition	Not Available		5B	5C	2F	2G	5E
1458	1453	0	5	Aspen			4	1	
30	30	0	0	Herbaceous Openland					
70	70	0	0	Jack Pine					
2	2	0	0	Low-Density Trees					
61	61	0	0	Lowland Aspen/Balsam Poplar					
13	0	0	13	Lowland Conifers				13	
16	16	0	0	Lowland Shrub					
10	10	0	0	Marsh					
585	567	18	0	Mixed Upland Deciduous		18			
27	27	0	0	Natural Mixed Pines					
83	83	0	0	Northern Hardwood					
383	205	178	0	Oak	57	121			
260	252	0	7	Red Pine					7
109	72	22	14	Upland Mixed Forest	11	12	14		
1	1	0	0	Water					
96	96	0	0	White Pine					
3,202	2,944	218	39	Total Forested Acres	68	151	18	14	7
	92%	7%	1%	Relative Percent					

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

Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable	5E: Long-Term Retention	7	Unspecified	Unspecified	Unspecified	Unspecified
C	comments:						
2	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	14	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
	Comments: Vet area with flowin	g water between stands 155 a	and 150.				

Report 4 – Site Conditions

Cadillac Mgt. Unit

Michael Aksamit: Examiner

3	Unavailable	2F: Too steep	4	2G: Too wet (sensitive soils, does not include access issues)	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified
	Comments: Steep slopes leading	ng down to a wet flooded cedar/	hemloc	k stand.			
4	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	25	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
5	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	5	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
7	Unavailable	2F: Too steep	14	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
9	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	22	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
11	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	7	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:	_					_

Report 4 – Site Conditions

Cadillac Mgt. Unit

Michael Aksamit: Examiner

Comments: 17 Available 5B: Maintain for regeneration purposes 13 Unspecified	13	Available	5B: Maintain for regeneration purposes	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments: 22 Available 5C: Delay treatment for age/size class diversity or exceptional site quality Comments: 23 Available 5C: Delay treatment for age/size class diversity or exceptional site quality Comments: 24 Available 5B: Maintain for regeneration purposes Comments: 25 Available 5B: Maintain for regeneration purposes Comments: 26 Available 5B: Maintain for regeneration purposes 11 Unspecified Uns	C	omments:						
Available 5C: Delay treatment for age/size class diversity or exceptional site quality Comments: 23 Available 5C: Delay treatment for age/size class diversity or exceptional site quality Comments: Comments: Comments: 24 Available 5B: Maintain for regeneration purposes Comments: 25 Available 5B: Maintain for regeneration purposes The provided site of the p	17	Available		13	Unspecified	Unspecified	Unspecified	Unspecified
age/size class diversity or exceptional site quality Comments: 23 Available 5C: Delay treatment for age/size class diversity or exceptional site quality Comments: 24 Available 5B: Maintain for regeneration purposes Comments: 26 Available 5B: Maintain for regeneration purposes 11 Unspecified Unspeci	C	omments:						
Available 5C: Delay treatment for age/size class diversity or exceptional site quality Comments: 24 Available 5B: Maintain for regeneration purposes Comments: 26 Available 5B: Maintain for regeneration purposes 11 Unspecified Uns	22	Available	age/size class diversity or	18	Unspecified	Unspecified	Unspecified	Unspecified
age/size class diversity or exceptional site quality Comments: 24 Available 5B: Maintain for regeneration purposes Comments: 26 Available 5B: Maintain for regeneration purposes 11 Unspecified U	C	omments:						
Available 5B: Maintain for regeneration purposes Comments: 26 Available 5B: Maintain for regeneration purposes 11 Unspecified Unspecifi	23	Available	age/size class diversity or	14	Unspecified	Unspecified	Unspecified	Unspecified
Comments: 26 Available 5B: Maintain for 11 Unspecified Unspecified Unspecified Unspecified	C	omments:						
26 Available 5B: Maintain for 11 Unspecified Unspecified Unspecified Unspecified	24	Available		33	Unspecified	Unspecified	Unspecified	Unspecified
regeneration purposes	C	omments:						
	26	Available		11	Unspecified	Unspecified	Unspecified	Unspecified
Comments:	C	omments:						

Report 4 – Site Conditions

Cadillac Mgt. Unit
Michael Aksamit: Examiner

28	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	9	Unspecified	Unspecified	Unspecified	Unspecified
С	omments:						
29	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	11	Unspecified	Unspecified	Unspecified	Unspecified
С	omments:						
30	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	12	Unspecified	Unspecified	Unspecified	Unspecified
С	omments:						
31	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	29	Unspecified	Unspecified	Unspecified	Unspecified
С	omments:						

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				

Cadillac Mgt. Unit Compartment: 14
Year of Entry 2022





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

Conservation Area	Туре	Description	ERA = Ecological Reference Area HCVA = High Conservation Value Area SCA = Special Conservation Area
SCA	Cold Water Stream	stocked trout populations and those of other cold- year to year. Coldwater streams in Michigan typic	s. Such streams are established by Director's action and

Cadillac Mgt. Unit Report 7 - Stands



	d Level 4 Co	over Type	S	ize De	nsity	Acres	Stand Age B	A Range	Managed S	ite	General Comments
1	4125 - Blac	k, N. Pin O	ak Po	oletimb	er Well	12.6	84	51-80	N/A		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
	Red Maple	15	Pole/Sap/Log	7		Black/Red	d (Hybrid) Oak	Medium	< 5 feet	Sapling	
	White Oak	15	Pole/Sap/Log	8		Blac	k Cherry	Medium	< 5 feet	Sapling	
Bla	ack/Red (Hybrid) Oak	45	Log/Pole	12	84						
	White Pine	25	Pole/Log	8							
2	42110 - Plar	nted Red P	ine Po	oletimb	er Well	12.3	37	171-200	N/A		Red pine planted 1983. FTP C63-222.
	Canopy Species	% Cover	Size Class	DBH	Age						
Bla	ack/Red (Hybrid) Oak	5	Pole/Log	8							
	Red Pine	95	Pole	7	37						
3	4199 - Other Mixed	d Upland D	eciduous	Sapling	ı Well	29.1	6	1-50	N/A		Stand treated timber sale 63-029-12-01, "C14 Scattered Oak".
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
Bla	ack/Red (Hybrid) Oak	20	Log/Pole	12	92	Wite	ch Hazel	Low	< 5 feet	Tall Shrub	
	White Oak	10	Pole/Log	8		Black/Red	d (Hybrid) Oak	Low	5 - 10 feet	Sapling	
	White Pine	3	Pole/Sapling	7							•
	Red Maple	50	Sapling	1	6						
	Bigtooth Aspen	17	Sapling	1	6						
4		- Aspen			er Well	4.9	56		N/A		2020: Stand was originally part of stand 25 to the north. Appears to be different composition than original makeup of stand 25.
	Canopy Species	% Cover	Size Class	DBH	Age						amoroni compositori man originar makoup or stana 20.
			0.20 0.20	_	7.90						
	Bigtooth Aspen	90	Pole/Log	9	56						
	Bigtooth Aspen Red Maple	90		_							Previous Inventory Comments: Stand treated timber sale #63-029-12-0 "C14 Scattered Oak".
5	Red Maple 42201 - Natural \	10	Pole/Log Pole	9 7		33.4	67	111-140	N/A		"C14 Scattered Oak". 2020: Some of the larger black/red oak is starting to fall out. Sapling red maple and hybrid red oak throughout.Previous Inventory Comments:
5	Red Maple 42201 - Natural \	10 White Pine	Pole/Log Pole , Mixed Po	9 7 oletimb	56		67	111-140 Density	N/A	Size	"C14 Scattered Oak". 2020: Some of the larger black/red oak is starting to fall out. Sapling red
5	Red Maple 42201 - Natural \ Deci	70 White Pine duous	Pole/Log Pole , Mixed Po	9 7 oletimb	56 er Well	Sub-Car				Size Sapling	"C14 Scattered Oak". 2020: Some of the larger black/red oak is starting to fall out. Sapling red maple and hybrid red oak throughout.Previous Inventory Comments:
5	Red Maple 42201 - Natural \ Deci Canopy Species	70 White Pine duous % Cover	Pole/Log Pole , Mixed Po	9 7 Dletimb	56 er Well	Sub-Car Re	nopy Species	Density	Avg. Height		"C14 Scattered Oak". 2020: Some of the larger black/red oak is starting to fall out. Sapling red maple and hybrid red oak throughout.Previous Inventory Comments:
5	Red Maple 42201 - Natural V Deci Canopy Species White Oak	White Pine duous Cover	Pole/Log Pole , Mixed Pole Size Class Pole/Log	9 7 Oletimb	56 er Well	Sub-Car Re	nopy Species d Maple	Density High	Avg. Height Variable	Sapling	2020: Some of the larger black/red oak is starting to fall out. Sapling rec maple and hybrid red oak throughout. Previous Inventory Comments:
5	Red Maple 42201 - Natural V Deci Canopy Species White Oak Red Maple White Pine	White Pine duous Cover 10 20	Pole/Log Pole Mixed Pole Size Class Pole/Log Pole/Log Pole/Log	9 7 Dletimb	er Well Age	Sub-Car Re	nopy Species d Maple ite Pine	Density High Medium	Avg. Height Variable < 5 feet	Sapling Sapling	"C14 Scattered Oak". 2020: Some of the larger black/red oak is starting to fall out. Sapling red maple and hybrid red oak throughout.Previous Inventory Comments: Small amount of aspen. Larger DBH red pine to south of stand. Previous Inventory Comments: Stand treated timber sale #63-029-12-0
	Red Maple 42201 - Natural V Deci Canopy Species White Oak Red Maple White Pine	Nhite Pine duous Cover 10 20 60	Pole/Log Pole Mixed Pole Size Class Pole/Log Pole/Log Pole/Log	9 7 Dletimb BBH 8 8 8	er Well Age	Sub-Car Rec Wh Wh	nopy Species d Maple ite Pine ite Oak	Density High Medium Medium	Avg. Height Variable < 5 feet Variable	Sapling Sapling	"C14 Scattered Oak". 2020: Some of the larger black/red oak is starting to fall out. Sapling red maple and hybrid red oak throughout.Previous Inventory Comments: Small amount of aspen. Larger DBH red pine to south of stand.
	Red Maple 42201 - Natural V Deci Canopy Species White Oak Red Maple White Pine 4131 - A	Mhite Pine duous Cover 10 20 60 spen, Oak	Pole/Log Pole Mixed Pole Size Class Pole/Log Pole/Log Pole/Log	9 7 Dletimb BBH 8 8 8	er Well Age 67	Sub-Car Rev Wh Wh	nopy Species d Maple ite Pine ite Oak	Density High Medium Medium 1-50	Avg. Height Variable < 5 feet Variable N/A	Sapling Sapling Sapling	"C14 Scattered Oak". 2020: Some of the larger black/red oak is starting to fall out. Sapling red maple and hybrid red oak throughout.Previous Inventory Comments: Small amount of aspen. Larger DBH red pine to south of stand. Previous Inventory Comments: Stand treated timber sale #63-029-12-0 "C13 Scattered Oak".
6	Red Maple 42201 - Natural V Deci Canopy Species White Oak Red Maple White Pine 4131 - A Canopy Species White Oak	Mhite Pine duous Cover 10 20 60 spen, Oak	Pole/Log Pole Mixed Pole Size Class Pole/Log Pole/Log Pole/Log Size Class	9 7 Deletimb	er Well Age 67	Sub-Car Rec Wh Wh 10.2 Sub-Car Black/Rec	nopy Species d Maple iite Pine iite Oak 6 nopy Species	Density High Medium Medium 1-50 Density	Avg. Height Variable < 5 feet Variable N/A Avg. Height	Sapling Sapling Sapling	"C14 Scattered Oak". 2020: Some of the larger black/red oak is starting to fall out. Sapling remaple and hybrid red oak throughout.Previous Inventory Comments: Small amount of aspen. Larger DBH red pine to south of stand. Previous Inventory Comments: Stand treated timber sale #63-029-12-0 "C13 Scattered Oak".
6	Red Maple 42201 - Natural V Deci Canopy Species White Oak Red Maple White Pine 4131 - A Canopy Species	Mhite Pine duous Cover 10 20 60 spen, Oak Cover 10	Pole/Log Pole Mixed Pole Size Class Pole/Log Pole/Log Pole/Log Size Class Log/Pole	9 7	er Well 67 Well Age	Sub-Car Rec Wh Wh 10.2 Sub-Car Black/Rec	nopy Species d Maple iite Pine iite Oak 6 nopy Species d (Hybrid) Oak	Density High Medium Medium 1-50 Density Low	Avg. Height Variable < 5 feet Variable N/A Avg. Height 5 - 10 feet	Sapling Sapling Sapling Sapling Sapling	"C14 Scattered Oak". 2020: Some of the larger black/red oak is starting to fall out. Sapling re maple and hybrid red oak throughout.Previous Inventory Comments: Small amount of aspen. Larger DBH red pine to south of stand. Previous Inventory Comments: Stand treated timber sale #63-029-12-0 "C13 Scattered Oak". Previous Draft Treatment Notes: Cut all trees in aspen areas. In rest of
6	Red Maple 42201 - Natural V Deci Canopy Species White Oak Red Maple White Pine 4131 - A Canopy Species White Oak Ack/Red (Hybrid) Oak	Mhite Pine duous Cover 10 20 60 spen, Oak Cover 10 20	Pole/Log Pole Mixed Pole Size Class Pole/Log Pole/Log Pole/Log Size Class Log/Pole Log/Pole	9 7 DBH 8 8 8 8 Sapling DBH 10	er Well 67 Well Age	Sub-Car Rec Wh Wh 10.2 Sub-Car Black/Rec	nopy Species d Maple iite Pine iite Oak 6 nopy Species d (Hybrid) Oak	Density High Medium Medium 1-50 Density Low	Avg. Height Variable < 5 feet Variable N/A Avg. Height 5 - 10 feet	Sapling Sapling Sapling Sapling Sapling	"C14 Scattered Oak". 2020: Some of the larger black/red oak is starting to fall out. Sapling remaple and hybrid red oak throughout.Previous Inventory Comments: Small amount of aspen. Larger DBH red pine to south of stand. Previous Inventory Comments: Stand treated timber sale #63-029-12-0 "C13 Scattered Oak". Previous Draft Treatment Notes: Cut all trees in aspen areas. In rest of
6	Red Maple 42201 - Natural V Deci Canopy Species White Oak Red Maple White Pine 4131 - A Canopy Species White Oak ack/Red (Hybrid) Oak Red Pine	Nhite Pine duous Cover 10 20 60 spen, Oak Cover 10 20 20 2	Pole/Log Pole Mixed Pole/Log Pole/Log Pole/Log Size Class Log/Pole Log/Pole Pole/Log	9 7	er Well 67 Well Age	Sub-Car Rec Wh Wh 10.2 Sub-Car Black/Rec	nopy Species d Maple iite Pine iite Oak 6 nopy Species d (Hybrid) Oak	Density High Medium Medium 1-50 Density Low	Avg. Height Variable < 5 feet Variable N/A Avg. Height 5 - 10 feet	Sapling Sapling Sapling Sapling Sapling	"C14 Scattered Oak". 2020: Some of the larger black/red oak is starting to fall out. Sapling red maple and hybrid red oak throughout.Previous Inventory Comments: Small amount of aspen. Larger DBH red pine to south of stand. Previous Inventory Comments: Stand treated timber sale #63-029-12-0 "C13 Scattered Oak". Previous Draft Treatment Notes: Cut all trees in aspen areas. In rest of



Stand	Level 4 Co	ver Type		Size Density	Acres	Stand Age B	A Range	Managed S	Site	General Comments
7	4191 - Mixed Upla Co	nd Decidu	ous with Po	letimber Medium	53.6	76	1-50	N/A		2020: Stand is regenerating well with many advanced stems of black/red oak, as well as a carpet of white oak and red maple seedlings. Some
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	pockets of Aspen throughout stand. Some areas heavier to white pine than others. Hilly along eastern edge.Previous Inventory Comments:
Blac	k/Red (Hybrid) Oak	30	Log/Pole	10	Re	ed Maple	High	< 5 feet	Seeding	Timber sale has taken place but no record could be found.
	White Oak	20	Pole/Log	8	Bla	ck Cherry	Low	< 5 feet	Seeding	
	White Pine	35	Pole/Log	8 76	Wi	tch Hazel	Medium	5 - 10 feet	Tall Shrub	
	Red Maple	15	Pole/Log	8	Black/Re	ed (Hybrid) Oak	High	10 - 20 feet	Sapling	
					W	hite Oak	Medium	< 5 feet	Seeding	
8	4130 -	Aspen		Sapling Well	12.0	7	mmature	N/A		Stand treated timber sale #63-031-12-01, "C14 Oakypine".
	Canopy Species	% Cover	Size Class	DBH Age						
	Bigtooth Aspen	75	Sapling	1 7						
	Red Maple	25	Sapling	1 7						
9	6229 - Mixed	lowland sh	nrub	Nonstocked	15.6			No		2020: Flowing water through center of stand. Pockets of pole sized white pine and red maple on edges w/ occasional x-log white pine. Very high
					Sub-Ca	nopy Species	Density	Avg. Height	Size	water table.
					Ta	amarack	Low	Variable	Sapling	
					Ta	ag Alder	High	10 - 20 feet	Tall Shrub	
					W	hite Pine	High	Variable	Sapling	
					Ja	ack Pine	Medium	10 - 20 feet	Sapling	
					W	hite Pine	Low	>20 feet	Log	
10	4130 -	Aspen	F	Poletimber Well	51.7	38		N/A		Pocket of oak, white pine, and red maple to the east.
	Canopy Species	% Cover	Size Class	DBH Age						
	Red Maple	15	Pole/Sap/Log	5 38						
	Bigtooth Aspen	65	Pole/Sapling	7 38						
Blac	k/Red (Hybrid) Oak	10	Pole/Sapling	5 38						
	White Pine	10	Pole/Sap/Log	7						
11	3102 -	- Grass		Nonstocked	1.0			No		
12	4139 - Aspen, N	Mixed Deci	duous	Sapling Well	8.5	7	mmature	N/A		
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	White Pine	13	Pole/Log	8 60	W	hite Pine	Low	< 5 feet	Sapling	
	Bigtooth Aspen	55	Sapling	1 7	Ja	ack Pine	Low	< 5 feet	Sapling	
	Red Maple	20	Sapling	1 7						
Blac	k/Red (Hybrid) Oak	5	Sapling	1 7						
Blac	k/Red (Hybrid) Oak White Oak	5	Sapling Sapling	1 7						

ort 7 – Stands



Compartment: 14

Year of Entry: 2022

Stand	Level 4 Co	over Type	S	Size De	nsity	Acres	Stand Age B	A Range	Managed \$	Site	General Comments
13	4310 - Pir	ne, Oak Miz	x Po	oletimb	er Poor	35.6	65	1-50	N/A		2020: Regen doing very poorly in northern 1/2 of stand, being heavily
Can	nopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	browsed, looks like a savanna. Northernmost tip of stand with no residual canopy is almost barren. Southern 1/2 of stand has much heavier oak
Black/Re	ed (Hybrid) Oak	20	Pole/Log	8		Black/Re	d (Hybrid) Oak	High	< 5 feet	Sapling	regen, mainly red with some white mixed in.Stand treated timber sale
W	hite Pine	40	Pole/Log/Sap	8	65	WI	nite Pine	Medium	< 5 feet	Sapling	#63-031-12-01, "C14 Oakypine".
R	Red Pine	5	Pole/Log	9		Bla	ck Cherry	Low	< 5 feet	Sapling	
Ja	ack Pine	10	Pole/Log	8		W	hite Oak	Medium	< 5 feet	Sapling	
	ick Cherry	10	Pole	7							
W	hite Oak	15	Pole/Log	8							
14	4130	- Aspen	;	Sapling	y Well	35.6	15 I	Immature	N/A		Stand treated timber sale #630430201, "Red Hand Hardwoods". Closed
Can	nopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	2005.
Black/Re	ed (Hybrid) Oak	5	Sapling	3	15	Sw	eet Fern	Medium	< 5 feet	Tall Shrub	
Bigto	ooth Aspen	80	Sapling/Pole	3	15	Bla	ck Cherry	Medium	Variable	Sapling	
Re	ed Maple	15	Sapling/Pole	3	15	WI	nite Pine	Trace	Variable	Sapling	
15	42250 -	Pine, Oak	Po	oletimb	er Poor	5.5	28	1-50	N/A		Stand treated timber sale #63-031-12-01, "C14 Oakypine".
Can	nopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
W	hite Pine	70	Pole/Sapling	6	28	R	ed Oak	Medium	Variable	Sapling	
W	hite Oak	15	Pole/Sapling	5		Re	d Maple	High	5 - 10 feet	Sapling	
Black/Re	ed (Hybrid) Oak	15	Pole/Sapling	5		Bigto	oth Aspen	Low	5 - 10 feet	Sapling	
16	42110 - Plar	nted Red P	ine Po	oletimb	er Well	16.2	48	111-140	N/A		Cannot find FTP.
Can	nopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
Black/Re	ed (Hybrid) Oak	10	Pole/Sap/Log	6		Black/Re	d (Hybrid) Oak	Medium	Variable	Sapling	
W	hite Pine	10	Pole/Log	8		Bla	ck Cherry	Low	Variable	Sapling	
R	Red Pine	80	Pole/Log	8	48						
17	4139 - Aspen, I	Mixed Deci	duous	Sapling	y Well	13.0	6	1-50	N/A		Stand treated timber sale #63-029-12-01, "C14 Scattered Oak".
Can	nopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
Re	ed Maple	25	Sapling	1		Wit	ch Hazel	Low	< 5 feet	Tall Shrub	
W	hite Oak	5	Pole/Log	9		WI	nite Pine	Low	5 - 10 feet	Sapling	
	ooth Aspen	40	Sapling	1	6						
	hite Pine	5	Pole	7							
	ick Cherry	5	Sapling	1							
	ed (Hybrid) Oak	10	Sapling	1							
Black/Re	ed (Hybrid) Oak	10	Log	10	90						

t 7 – Stands Compartment: 14 Year of Entry: 2022



Stand	Level 4 Co	over Type	Si	ze De	nsity	Acres	Stand Age B	A Range	Managed S	ite	General Comments
18	4310 - Pir	ie, Oak Mix	c Po	letimb	er Well	19.2	55	51-80	N/A		2020: Core taken on 14 inch white pine, 55 YO.
Ca	anopy Species	% Cover	Size Class	DBH	Age	Sub-Car	opy Species	Density	Avg. Height	Size	Previous Inventory Comments:
1	White Oak	10	Pole	7		Red	d Maple	Medium	< 5 feet	Sapling	Pockets of heavy hawthorn. Heavy blowdown throughout the stand.
Big	gtooth Aspen	5	Pole/Sapling	6		Wh	ite Pine	Medium	Variable	Sapling	
Black/F	Red (Hybrid) Oak	25	Pole/Log	9		Blac	k Cherry	Medium	Variable	Sapling	
V	White Pine	45	Pole/Sap/Log	8	55	Hawth	orn (spp.)	Low	5 - 10 feet	Tall Shrub	
F	Red Maple	10	Pole/Log	8							•
	Jack Pine	5	Pole/Sapling	6							
19	42110 - Plar	nted Red P	ine Po	letimb	er Well	30.6	59	81-110	N/A		Stand treated timber sale #63-030-12-01, "Recreation Pine". Third row
Ca	anopy Species	% Cover	Size Class	DBH	Age	Sub-Car	opy Species	Density	Avg. Height	Size	thin. Cut in 2013.
	Red Pine	85	Pole/Log	8	59	Black/Red	d (Hybrid) Oak	Low	< 5 feet	Sapling	
Black/F	Red (Hybrid) Oak	10	Pole/Log/Sap	8		Blac	k Cherry	Low	< 5 feet	Sapling	
В	lack Cherry	2	Pole/Sapling	6		Bigto	oth Aspen	Medium	10 - 20 feet	Sapling	
V	White Pine	3	Pole/Sap/Log	8							
20	4139 - Aspen, N	Mixed Deci	duous S	Sapling	Well	9.0	6 li	nmature	N/A		Stand treated timber sale #63-031-12-01, "C14 Oakypine".
Ca	anopy Species	% Cover	Size Class	DBH	Age						
Black/F	Red (Hybrid) Oak	10	Log	10	82						
1	White Oak	5	Log	10							
V	White Pine	5	Pole/Sap/Log	7							
Big	gtooth Aspen	45	Sapling	1	6						
	gtooth Aspen Red Maple	45 35	Sapling Sapling	1	6						
F		35	Sapling		6	1.5			Managed Op	pening	
F	Red Maple	35	Sapling	1	6		nopy Species	Density	Managed Op	pening Size	
F	Red Maple	35	Sapling	1	6	Sub-Car	nopy Species	Density Low			
F	Red Maple	35	Sapling	1	6	Sub-Car Wh				Size	
F	Red Maple	35	Sapling	1	6	Sub-Car Wh	ite Pine	Low		Size Pole	
F	Red Maple	35	Sapling	1	6	Sub-Car Wh Wh Black/Red	ite Pine ite Oak	Low		Size Pole Log	
	Red Maple	35 ow Density	Sapling Trees N	1	6 ocked	Sub-Car Wh Wh Black/Red	ite Pine ite Oak I (Hybrid) Oak	Low Low Low		Size Pole Log Log	Oil and Gas Project Plugged 1954 Permit #18715
21	Red Maple 3303 - Mixed Lo	35 ow Density	Sapling Trees N	1 Nonsto	6 ocked	Sub-Car Wh Wh Black/Red Black	ite Pine ite Oak I (Hybrid) Oak k Cherry	Low Low Low	Avg. Height	Size Pole Log Log	Plugged 1954 Permit #18715 2020: Second age class of primarily maple, as well as some oak and
21 22 23	3303 - Mixed Lo	35 ow Density eous Open	Sapling Trees N	1 Nonsto	6 ocked	Sub-Car Wh Wh Black/Red Blac 0.7	ite Pine ite Oak I (Hybrid) Oak k Cherry 0	Low Low Low Low	Avg. Height No	Size Pole Log Log	Plugged 1954 Permit #18715 2020: Second age class of primarily maple, as well as some oak and aspen developing underneath overstory in some portions of stand. Poor
21 22 23 Ca	3303 - Mixed Lo	35 ow Density eous Open	Sapling Trees I Iand N n Oak Sa	1 Nonsto	6 ocked	Sub-Car Wh Wh Black/Rec Blacc 0.7 50.7 Sub-Car	ite Pine ite Oak I (Hybrid) Oak k Cherry 0	Low Low Low Low	Avg. Height No	Size Pole Log Log Pole	Plugged 1954 Permit #18715 2020: Second age class of primarily maple, as well as some oak and aspen developing underneath overstory in some portions of stand. Postocked in areas, and not great timber quality.Previous Inventory Comments:Open areas throughout stand. There are a couple of low,
21 22 Ca	310 - Herbace 4126 - White, B	35 ow Density eous Open black, N. Pi % Cover	Sapling Trees Iand n Oak Size Class	Nonsto	6 ocked	Sub-Car Wh Wh Black/Rec Blac 0.7 50.7 Sub-Car	ite Pine ite Oak I (Hybrid) Oak k Cherry 0 86 nopy Species	Low Low Low Low Dow Low	Avg. Height No N/A Avg. Height	Size Pole Log Log Pole Size	Plugged 1954 Permit #18715 2020: Second age class of primarily maple, as well as some oak and aspen developing underneath overstory in some portions of stand. Postocked in areas, and not great timber quality.Previous Inventory Comments:Open areas throughout stand. There are a couple of low, wet areas in the stand but of very small size. Leave stand for age clas
21 22 23 Ca	310 - Herbace 4126 - White, B anopy Species White Oak	eous Open slack, N. Pi Cover	Sapling Trees In Oak Size Class Pole/Log	Nonsto	6 ocked	Sub-Car Wh Wh Black/Rec Blac 0.7 50.7 Sub-Car Rec Wh	ite Pine ite Oak I (Hybrid) Oak k Cherry 0 86 nopy Species I Maple	Low Low Low Low Density High	No N/A Avg. Height 10 - 20 feet	Size Pole Log Log Pole Size Sapling	Plugged 1954 Permit #18715 2020: Second age class of primarily maple, as well as some oak and aspen developing underneath overstory in some portions of stand. Po stocked in areas, and not great timber quality.Previous Inventory Comments:Open areas throughout stand. There are a couple of low,



Stand	Level 4 Co	over Type		Size De	nsity	Acres	Stand Age E	BA Range	Managed S	Site	General Comments
24	4122 - 0	Dak, Pine	F	Poletimb	er Wel	l 11.2	88	111-140	N/A		Trace of black cherry. Small acreage. Stand left between ORV trail after harvest.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	alter narvest.
	Red Maple	5	Pole/Log	8		Wh	nite Pine	High	5 - 10 feet	Sapling	
Blad	ck/Red (Hybrid) Oak	40	Log/Pole	10	88	Re	d Maple	Medium	Variable	Sapling	
	White Oak	20	Pole/Log	9				,		•	
	White Pine	35	Pole/Sap/Log	9 6							
25	4199 - Other Mixed	d Upland [Deciduous	Sapling	ı Well	23.5	6	1-50	N/A		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	White Oak	20	Sapling/Pole/Lo	og 2		Bigto	oth Aspen	Low	10 - 20 feet	Sapling	
Blad	ck/Red (Hybrid) Oak	20	Log/Pole	10	98	Black/Re	d (Hybrid) Oak	Low	< 5 feet	Sapling	
	White Pine	4	Pole	7							
	Red Maple	56	Sapling	1	6						
26	42201 - Natural V Deci	White Pine	e, Mixed F	Poletimb	er Poo	r 17.6	60	1-50	N/A		Stand treated timber sale #63-031-12-01, "C14 Oakypine".
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
Blad	ck/Red (Hybrid) Oak	15	Pole/Log	8		Wh	nite Pine	Medium	5 - 10 feet	Sapling	
	White Pine	60	Pole/Log	8	60	Blac	ck Cherry	Medium	5 - 10 feet	Sapling	
	Red Pine	10	Pole/Log	8		Re	d Maple	Low	< 5 feet	Seeding	
	Black Cherry	15	Pole/Sapling	6							
27	4139 - Aspen, N	Mixed Dec	iduous	Sapling	y Well	51.2	15	Immature	N/A		Previous Inventory Comments:Stand swapped from Non-Forested to
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Forested. Zones of aspen clones, red maple, and oak.
	Red Maple	30	Sapling	2	15	Wit	ch Hazel	Low	< 5 feet	Tall Shrub	
	White Oak	5	Sapling	2	15						
	Bigtooth Aspen	50	Sapling	3	15						
Blad	ck/Red (Hybrid) Oak	5	Sapling	2	15						
Blad	ck/Red (Hybrid) Oak	5	Log	10	91						
	Red Pine	5	Pole/Log	9	91						
28	4125 - Blacl	k, N. Pin C	Dak	Sapling	ı Well	10.7	7	1-50	N/A		Stand treated timber sale #63-031-12-01, "C14 Oakypine".
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	White Oak	10	Pole/Log	8		Wh	nite Pine	Low	5 - 10 feet	Sapling	
Blad	ck/Red (Hybrid) Oak	60	Sapling	2	7		horn (spp.)	Low	< 5 feet	Tall Shrub	
	Red Pine	5	Pole	7			ck Cherry	Low	< 5 feet	Seeding	
Blad	ck/Red (Hybrid) Oak	25	Log	10	88	Re	d Maple	Low	< 5 feet	Seeding	
							d (Hybrid) Oak	Medium	< 5 feet	Seeding	



Stand	Level 4 Co	over Type		Size De	ensity	Acres	Stand Age B	A Range	Managed S	ite	General Comments
29	42200 - Natu	ıral White F	Pine S	Sawtimb	er Well	7.2	55	81-110	N/A		
	Canopy Species	% Cover	Size Class	DBI	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Bigtooth Aspen	3	Pole	7		Re	d Maple	Low	< 5 feet	Sapling	
	White Pine	95	Log/Pole	11	55	R	ed Oak	Low	< 5 feet	Sapling	
	Red Pine	2	Log/Pole	12		Bigto	oth Aspen	Low	< 5 feet	Sapling	
						Wł	nite Pine	Low	< 5 feet	Sapling	
30	3102	- Grass		Nonst	ocked	1.5			No		
31	42110 - Plar	nted Red P	ine S	Sawtimb	er Well	14.7	62	141-170	N/A		
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	White Pine	5	Log/Pole	10			ed Oak	High	Variable	Sapling	
	Red Pine	95	Log/Pole	10	62	WI	nite Oak	Low	Variable	Sapling	
						Wh	nite Pine	Medium	Variable	Sapling	
						Blad	ck Cherry	Medium	Variable	Sapling	
32	4199 - Other Mixe			Saplin		30.7	7	1-50	N/A		2020: Some residual overstory oak and red pine. Pockets of red pine in western portion of stand. Understory has variable regeneration with large
	Canopy Species		Size Class		l Age						pockets of oak and maple.
	Jack Pine	5	Sapling	1	7						2013 Comments: Stand treated timber sale #63-022-12-01, "Shagbark
	Red Oak	20	Sapling	1	7						Oak".
	Red Oak	10	Log	12	100						
	White Pine Black Cherry	5	Pole/Sapling								Previous Comments: Stand under planted with red pine but no FTP coul be found. Oak falling out of stand. Lots of down woody debris.
	Red Maple	25	Sapling/Pole	1	7						be found. Oak failing out of startu. Lots of down woody debris.
	Bigtooth Aspen	10	Sapling Sapling	1	- /						
	Red Pine	10	Pole/Sap/Log								
	White Oak	2	Log	10							
	White Oak	10	Sapling	1	7						
33	4130	- Aspen		Saplin	g Well	50.0	7	mmature	N/A		Stand treated timber sale #63-043-12-01, "Aspen & Mast". Cut in 2013.
	Canopy Species	% Cover	Size Class	DBI	l Age						Stand clearcut with no retention per Compartment Review.
	Bigtooth Aspen	80	Sapling	1	7						
	White Pine	3	Sapling	2							
Blad	ck/Red (Hybrid) Oak	2	Sapling	2							
	Red Maple	15	Sapling	1							
34	3102	- Grass		Nonst	ocked	2.6			Managed Op	ening	2020: Autumn Olive along edges.



Stand	Level 4 Co	over Type		Size De	nsity	Acres	Stand Age B	A Range	Managed S	Site	General Comments
35	4199 - Other Mixe	d Upland D	eciduous	Sawtimb	er Well	7.3	94	51-80	N/A		Previous Inventory Comments: Do not cut. Keep this stand for age class diversity and mast production.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	diversity and mast production.
	Red Maple	20	Pole/Log	9		Wh	nite Pine	Low	5 - 10 feet	Sapling	
	Red Oak	35	Log/Pole	10	94	Re	d Maple	High	10 - 20 feet	Sapling	
	White Oak	20	Pole/Log	8							
	Bigtooth Aspen	25	Log/Pole	10							
36	4130	- Aspen		Poletimb	er Well	7.9	43		N/A		Stand appears to have been treated with stand 22 but no record could be
	Canopy Species	% Cover	Size Class	DBH	l Age						found of timber sale.
	Bigtooth Aspen	75	Pole	7	43						
	White Pine	13	Pole	7							
	Red Pine	2	Pole/Log	8							
	Red Maple	10	Pole	7							
37	3102	- Grass		Nonst	cked	1.4			No		2020: Pond with stringy sapling/pole jack pine.
						Sub-Ca	nopy Species	Density	Avg. Height	Size	2010: Adjacent landowner trespass of hunting blind and farming disc on
						Ja	ck Pine	High	>20 feet	Pole	state land. CO was contacted.
38	4130	- Aspen		Poletimb	er Well	39.8	27 I	mmature	N/A		Stand treated 1993 timber sale #630179201.
	Canopy Species	% Cover	Size Class	DBH	l Age						
	Bigtooth Aspen	85	Pole/Sapling	g 5	27						
	Red Maple	5	Sapling/Pole		27						
	White Oak	3	Pole/Sapling	g 5	27						
	Black Cherry	2	Pole/Sapling	_	27						
Blac	ck/Red (Hybrid) Oak	5	Pole/Sapling	g 5	27						
39	4130	- Aspen		Poletimb	er Well	52.2	43		N/A		
	Canopy Species	% Cover	Size Class		l Age						
	Bigtooth Aspen	90	Pole	7	43						
	White Pine	5	Pole/Log	8							
	Bigtooth Aspen	5	Log	10							
40	4131 - A	spen, Oak		Saplin	y Well	24.3	7	1-50	N/A		Stand treated timber sale #63-044-12-01, "Frank Mix".
	Canopy Species	% Cover	Size Class		l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
Blac	ck/Red (Hybrid) Oak	20	Log/Pole	12	80	WI	nite Oak	Low	< 5 feet	Sapling	
	White Oak	11	Pole/Log	9		Wh	nite Pine	Low	Variable	Sapling	
	Red Maple	2	Log	10							
	Bigtooth Aspen	50	Sapling	1	7						
	Red Maple	17	Sapling	1	7						



Stand	Level 4 Co	over Type	S	ize De	ensity	Acres	Stand Age I	BA Range	Managed S	ite	General Comments
41	3102	- Grass	1	Nonst	ocked	2.2	0		No		
						Sub-Can	opy Species	Density	Avg. Height	Size	
						Jac	k Pine	Medium	Variable	Sapling	
						Black	k Cherry	Trace	>20 feet	Log	
						Whi	te Pine	Low	Variable	Sapling	
42	4199 - Other Mixed			Saplin		28.8	7	1-50	N/A		2020: Some residual overstory oak. Understory has variable regeneration with large pockets of oak and maple.
	Canopy Species		Size Class		l Age						and and a feeting of the same map of
	Red Oak	40	Sapling	1	7						2013 Comments: Stand treated timber sale #63-022-12-09, "Shagbark
	Red Maple	25	Sapling	1	7						Oak".
	Jack Pine	10	Sapling	1	7						Previous Comments: East side of stand heavier to pine. Oak and jack
	Bigtooth Aspen	10	Sapling	1	7						pine falling out of stand. Good amount of black and white oak regen.
	Red Oak	5	Log	12	100						
	White Pine	7	Sapling/Pole	4							
	Black Cherry	3	Sapling/Pole	2							
43	42110 - Plar	nted Red P	ine Po		er Well	2.4	57	111-140	N/A		Stand treated timber sale #63-045-12-01, "RPZ".
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Can	opy Species	Density	Avg. Height	Size	
	Ouriopy Openies				90	Oub Oui	opy opecies		99	0.20	
	Red Pine	95	Pole/Log	8	57		th Aspen	Low	< 5 feet	Sapling	
				_							
44	Red Pine	95 5	Pole/Log Pole/Log	8 8 etimbe	57 r Mediu	Bigtoo			< 5 feet		
44	Red Pine Black Cherry	95 5	Pole/Log Pole/Log Pine Pole	8 8 etimbe	57	Bigtoo m 5.5	oth Aspen	Low 51-80	< 5 feet		
44	Red Pine Black Cherry 42200 - Natu	95 5 Iral White F	Pole/Log Pole/Log Pine Pole	8 8 etimbe DBH	57 r Mediu	Bigtoo m 5.5 Sub-Can	oth Aspen 55	Low 51-80	< 5 feet	Sapling Size Sapling	
44	Red Pine Black Cherry 42200 - Natu Canopy Species	95 5 ural White F	Pole/Log Pole/Log Pine Pole Size Class	8 8 etimbe	57 r Mediu	m 5.5 Sub-Can	55 opy Species	51-80 Density	< 5 feet N/A Avg. Height	Sapling	
44	Red Pine Black Cherry 42200 - Natu Canopy Species White Pine	95 5 ural White F % Cover 65	Pole/Log Pole/Log Pine Pole Size Class Pole/Log	8 8 etimbe DBH	57 r Mediu	m 5.5 Sub-Can Rec Whi	55 opy Species	51-80 Density Medium Low	< 5 feet N/A Avg. Height Variable	Sapling Size Sapling	
44	Red Pine Black Cherry 42200 - Natu Canopy Species White Pine Red Pine	95 5 ural White F % Cover 65 5	Pole/Log Pole/Log Pine Pole Size Class Pole/Log Pole/Log	8 8 8 etimbe DBH	57 r Mediu	m 5.5 Sub-Can Rec Whi Black/Red	55 opy Species I Maple ite Oak	51-80 Density Medium Low	< 5 feet N/A Avg. Height Variable 5 - 10 feet	Sapling Size Sapling Sapling	
44	Red Pine Black Cherry 42200 - Natu Canopy Species White Pine Red Pine Jack Pine Black Cherry	95 5 ural White F % Cover 65 5	Pole/Log Pole/Log Pole Size Class Pole/Log Pole/Log Pole Pole Pole	8 8 8 Petimbe B 8 9 8	r Mediu	m 5.5 Sub-Can Rec Whi Black/Red	55 Opy Species I Maple ite Oak (Hybrid) Oal	51-80 S Density Medium Low Low	< 5 feet N/A Avg. Height Variable 5 - 10 feet Variable	Sapling Size Sapling Sapling Sapling	Stand treated timber sale #63-036-12-01, "3 Rocks and a Sista".
	Red Pine Black Cherry 42200 - Natu Canopy Species White Pine Red Pine Jack Pine Black Cherry	95 5 ural White F % Cover 65 5 15	Pole/Log Pole/Log Pole Size Class Pole/Log Pole/Log Pole Pole	8 8 8 DBH 8 9 8 7	r Mediu	m 5.5 Sub-Can Rec Whi Black/Red	55 Opy Species I Maple ite Oak (Hybrid) Oale	51-80 Density Medium Low Low Low	< 5 feet N/A Avg. Height Variable 5 - 10 feet Variable Variable	Sapling Size Sapling Sapling Sapling	Stand treated timber sale #63-036-12-01, "3 Rocks and a Sista".
	Red Pine Black Cherry 42200 - Natu Canopy Species White Pine Red Pine Jack Pine Black Cherry 4131 - A	95 5 ural White F % Cover 65 5 15 15	Pole/Log Pole/Log Pole Size Class Pole/Log Pole/Log Pole Pole	8 8 8 DBH 8 9 8 7	r Mediu l Age 55	m 5.5 Sub-Can Rec Whi Black/Red	55 Opy Species I Maple ite Oak (Hybrid) Oale	51-80 Density Medium Low Low Low	< 5 feet N/A Avg. Height Variable 5 - 10 feet Variable Variable	Sapling Size Sapling Sapling Sapling	Stand treated timber sale #63-036-12-01, "3 Rocks and a Sista".
	Red Pine Black Cherry 42200 - Natu Canopy Species White Pine Red Pine Jack Pine Black Cherry 4131 - A Canopy Species	95 5 Iral White F % Cover 65 5 15 15 15 spen, Oak	Pole/Log Pole/Log Pole Size Class Pole/Log Pole Pole Size Class	8 8 8 Petimbe DBH 8 9 8 7 Sapling	r Mediu l Age 55	m 5.5 Sub-Can Rec Whi Black/Red	55 Opy Species I Maple ite Oak (Hybrid) Oale	51-80 Density Medium Low Low Low	< 5 feet N/A Avg. Height Variable 5 - 10 feet Variable Variable	Sapling Size Sapling Sapling Sapling	Stand treated timber sale #63-036-12-01, "3 Rocks and a Sista".
45	Red Pine Black Cherry 42200 - Natu Canopy Species White Pine Red Pine Jack Pine Black Cherry 4131 - A Canopy Species Red Maple	95 5 Iral White F % Cover 65 5 15 15 spen, Oak % Cover 35	Pole/Log Pole/Log Pole Size Class Pole/Log Pole Pole Size Class Size Class Sapling/Pole	8 8 etimbe DBH 8 9 8 7 Sapling DBH 2	r Mediu l Age 55	m 5.5 Sub-Can Rec Whi Black/Red	55 Opy Species I Maple ite Oak (Hybrid) Oale	51-80 Density Medium Low Low Low	< 5 feet N/A Avg. Height Variable 5 - 10 feet Variable Variable	Sapling Size Sapling Sapling Sapling	Stand treated timber sale #63-036-12-01, "3 Rocks and a Sista".
45	Red Pine Black Cherry 42200 - Natu Canopy Species White Pine Red Pine Jack Pine Black Cherry 4131 - A Canopy Species Red Maple White Oak	95 5 ural White F % Cover 65 5 15 15 spen, Oak % Cover 35 5	Pole/Log Pole/Log Pole/Log Pole/Log Pole/Log Pole Pole Size Class Pole/Log Pole Pole Pole Pole	8 8 8 Petimbe 8 9 8 7	r Mediu l Age 55 g Well	m 5.5 Sub-Can Rec Whi Black/Red	55 Opy Species I Maple ite Oak (Hybrid) Oale	51-80 Density Medium Low Low Low	< 5 feet N/A Avg. Height Variable 5 - 10 feet Variable Variable	Sapling Size Sapling Sapling Sapling	Stand treated timber sale #63-036-12-01, "3 Rocks and a Sista".
45	Red Pine Black Cherry 42200 - Natu Canopy Species White Pine Red Pine Jack Pine Black Cherry 4131 - A Canopy Species Red Maple White Oak ck/Red (Hybrid) Oak	95 5 Iral White F **Cover 65 5 15 15 spen, Oak **Cover 35 5 15 45	Pole/Log Pole/Log Pole/Log Pole/Log Pole/Log Pole Pole Size Class Pole/Log Pole Pole Pole Size Class Sapling/Pole Pole/Log Pole/Log Pole/Log Pole/Log Sapling	8 8 8	r Mediu I Age 55 G Well I Age 92 7	m 5.5 Sub-Can Rec Whi Black/Red	55 Opy Species I Maple ite Oak (Hybrid) Oale	51-80 Density Medium Low Low Low	< 5 feet N/A Avg. Height Variable 5 - 10 feet Variable Variable	Sapling Size Sapling Sapling Sapling	Stand treated timber sale #63-017-92-01. Occasional overstory white
45	Red Pine Black Cherry 42200 - Natu Canopy Species White Pine Red Pine Jack Pine Black Cherry 4131 - A Canopy Species Red Maple White Oak ck/Red (Hybrid) Oak Bigtooth Aspen	95 5	Pole/Log Pole/Log Pole/Log Pole/Log Pole/Log Pole Pole Size Class Pole/Log Pole Pole Pole Size Class Sapling/Pole Pole/Log Pole/Log Pole/Log Pole/Log Sapling	8 8 8	r Mediu I Age 55 G Well I Age 92 7	m 5.5 Sub-Can Rec Whi Black/Red Black	55 opy Species I Maple ite Oak (Hybrid) Oal k Cherry	51-80 5 Density Medium Low Low Low Low	< 5 feet N/A Avg. Height Variable 5 - 10 feet Variable Variable N/A	Sapling Size Sapling Sapling Sapling	
45 Blace	Red Pine Black Cherry 42200 - Natu Canopy Species White Pine Red Pine Jack Pine Black Cherry 4131 - A Canopy Species Red Maple White Oak ck/Red (Hybrid) Oak Bigtooth Aspen	95 5	Pole/Log Pole/Log Pole/Log Pole/Log Pole/Log Pole Pole Size Class Pole/Log Pole Pole Pole Size Class Sapling/Pole Pole/Log Pole/Log Sapling Pole/Log Sapling	8 8 8	r Mediu l Age 55 g Well l Age 92 7	m 5.5 Sub-Can Rec Whi Black/Red Black	55 opy Species I Maple ite Oak (Hybrid) Oal k Cherry	51-80 5 Density Medium Low Low Low Low	< 5 feet N/A Avg. Height Variable 5 - 10 feet Variable Variable N/A	Sapling Size Sapling Sapling Sapling	Stand treated timber sale #63-017-92-01. Occasional overstory white
45 Blace	Red Pine Black Cherry 42200 - Natu Canopy Species White Pine Red Pine Jack Pine Black Cherry 4131 - A Canopy Species Red Maple White Oak ck/Red (Hybrid) Oak Bigtooth Aspen 4132 - Aspe	95 5 Iral White F % Cover 65 5 15 15 Spen, Oak % Cover 35 5 15 45 en, Jack Pi	Pole/Log Pole/Log Pole/Log Pole/Log Pole/Log Pole Pole Size Class Pole/Log Pole Pole Size Class Sapling/Pole Pole/Log Pole/Log Sapling Pole/Log Sapling Pole/Log Sapling	Betimbe DBH 8 9 8 7 Sapling DBH 2 8 8 1 Sapling	r Mediu l Age 55 g Well l Age 92 7	m 5.5 Sub-Can Rec Whi Black/Red Black	55 opy Species I Maple ite Oak (Hybrid) Oal k Cherry	51-80 5 Density Medium Low Low Low Low	< 5 feet N/A Avg. Height Variable 5 - 10 feet Variable Variable N/A	Sapling Size Sapling Sapling Sapling	Stand treated timber sale #63-017-92-01. Occasional overstory white

Cadillac Mgt. Unit Report 7 - Stands



Stand	Level 4 Co	over Type		Size De	nsity	Acres	Stand Age E	A Range	Managed S	Site	General Comments
47	42110 - Plar	nted Red P	ine	Poletimb	er Well	20.0	58	111-140	N/A		Stand treated timber sale #63-045-12-01, "RPZ".
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Pine	95	Pole/Log	8	58	Re	ed Maple	Low	< 5 feet	Sapling	
	White Pine	2	Pole	7			Beech	Trace	< 5 feet	Sapling	
	Jack Pine	2	Pole	7							
Blad	ck/Red (Hybrid) Oak	1	Pole	7							
48	42110 - Plar	nted Red P	ine	Poletimb	er Well	1.4	58	81-110	N/A		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Maple	5	Pole/Log	9		Re	ed Maple	Medium	< 5 feet	Sapling	
	Red Oak	5	Pole/Log	8							
	White Oak	5	Pole	7							
	Red Pine	85	Pole	8	58						
49	42110 - Plar	nted Red P	ine	Poletimb	er Well	6.6	62	111-140	N/A		Stand treated timber sale #630290201
	Canopy Species		Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Pine	95	Pole/Log	9	62		ed Maple	High	5 - 10 feet	Sapling	
	White Pine	5	Log/Pole	10			Beech	Low	< 5 feet	Sapling	
						Bla	ck Cherry	Low	< 5 feet	Sapling	
						W	hite Oak	Medium	Variable	Sapling	
50	4130 -	- Aspen		Sapling	Well	55.6	15	mmature	N/A		Stand treated timber sale #630440201, 2005.
	Canopy Species	% Cover	Size Class	DBH	Age						
	Bigtooth Aspen	80	Sapling/Pole		15						
	Jack Pine	2	Pole/Sapling	-							
	Red Pine	3	Sapling/Pole								
Blad	ck/Red (Hybrid) Oak	10	Pole/Log/Sa	-							
	White Oak	5	Pole/Log/Sa	ıp 8							
51	42200 - Natu	ral White F	Pine	Poletimb	er Well	13.7	30	81-110	N/A		Stand treated timber sale #630189201. White pine understory was
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	released.
	Red Maple	10	Pole/Log/Sa	ıp 9		Re	ed Maple	Low	< 5 feet	Sapling	
	White Oak	5	Pole/Log	8		Black/Re	ed (Hybrid) Oak	Low	< 5 feet	Sapling	
Blad	ck/Red (Hybrid) Oak	10	Log/Pole	12		Bla	ck Cherry	Low	Variable	Sapling	
	White Pine	75	Pole/Log	8	30						-

Compartment: 14 Year of Entry: 2022



Stand	Level 4 Co	over Type	s	ize De	ensity	Acres S	Stand Age B	A Range	Managed S	Site	General Comments
52	4125 - Blacl	k, N. Pin O	ak Sa	wtimb	er Poor	6.5	78	1-50	N/A		2020: Moderate regeneration in stand to mostly aspen and maple. White pine seedlings scattered all across site. Heavy deer browse.
(Canopy Species	% Cover	Size Class		l Age	Sub-Cand	opy Species	Density	Avg. Height	Size	pine securings scattered an across site. Heavy deer browse.
Black	/Red (Hybrid) Oak	85	Log/Pole	12	78		th Aspen	Medium	10 - 20 feet	Sapling	Previous Inventory Comments: Stand treated timber sale #63-029-12-01,
	White Oak	10	Pole/Log	8		Red	Maple	Medium	Variable	Sapling	"C14 Scattered Oak".
	White Pine	5	Pole/Sapling	5		Swee	et Fern	Medium	< 5 feet	Tall Shrub	
						Black/Red	(Hybrid) Oak	Low	5 - 10 feet	Sapling	
						Whit	e Pine	Medium	< 5 feet	Seeding	
53	4131 - As	spen, Oak	5	Sapling	g Well	29.3	7	1-50	N/A		Residual Oak: 92 YO
(Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Cand	py Species	Density	Avg. Height	Size	Planted RP: 63 YO Regeneration: 7 YO
	White Oak	8	Pole/Log	8		Black/Red	(Hybrid) Oak	Low	Variable	Sapling	Trogeneration. 7 10
Black	/Red (Hybrid) Oak	20	Log	12	92	Whit	e Pine	Medium	Variable	Sapling	Previous Inventory Comments: Stand treated timber sale #63-031-12-01,
	White Pine	2	Pole/Log/Sap	7		Black	Cherry	Medium	Variable	Sapling	"C14 Oakypine". Red pine underplanted in 1957.
	Red Pine	10	Pole/Log	8	63					1	rived pille dilderplanted in 1997.
В	igtooth Aspen	45	Sapling	1	7						
	Red Maple	15	Sapling	1	7						
54	42250 -	Pine, Oak	Po	letimb	er Well	9.3	38	81-110	N/A		
(Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Cand	py Species	Density	Avg. Height	Size	
	White Oak	10	Pole/Sapling	5		Whit	e Oak	Low	Variable	Sapling	
	Red Pine	5	Log/Pole	10		Black/Red	(Hybrid) Oak	Medium	Variable	Sapling	
Black	/Red (Hybrid) Oak	30	Pole/Sapling	7		Black	Cherry	Low	5 - 10 feet	Sapling	
	White Pine	5	Pole/Sap/Log	6		Whit	e Pine	Low	5 - 10 feet	Sapling	
	Jack Pine	50	Pole/Sapling	5	38						
55	4133 - Aspe	n, Mixed P	ine Po	letimb	er Well	42.6	47	11-140	N/A		Previous Inventory Comments: Stand underplanted with white pine (no
(Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Cand	py Species	Density	Avg. Height	Size	records could be found), small pole size. Area north of recreational trail has slightly more pine but smaller diameters.
					- 1					0 1'	nac ongras, more pine but omailer diameters.
	Red Maple	10	Pole/Log	8		Red	Maple	Medium	< 5 feet	Sapling	
		10 5	Pole/Log Pole/Log	8			e Pine	Medium	< 5 feet Variable	Sapling	Previous Draft Treatment Notes: May want to keep this stand for mast
В	Red Maple				47	Whit					and/or age class diversity. If treating, cut all red maple, jack pine, and
	Red Maple White Oak	5	Pole/Log	9	47 94	Whit Black	e Pine	High	Variable	Sapling	and/or age class diversity. If treating, cut all red maple, jack pine, and aspen. Clearcut in aspen zones. Treat rest of stand to an average 30-40

Jack Pine

15

8

Pole/Log



Stand Level 4	Cover Type		Size De	iliSity	Acres	Stand Age B	A Range	Managed S	Site	General Comments	M/CHIGAN
56 413	0 - Aspen		Sapling	g Well	126.7	16 Ir	mmature	N/A		Stand treated timber sale #630300201, Six Wheel Mix, 2004.	
Canopy Species	% Cover	Size Class	DBH	I Age							
Red Maple	10	Sapling	2	16							
Bigtooth Aspen	78	Sapling	2	16							
Black Cherry	3	Sapling	2	16							
Jack Pine	2	Sapling	2	16							
Black/Red (Hybrid) Oa	ık 5	Sapling	2	16							
White Pine	2	Sapling	2	16							
57 4122	- Oak, Pine	5	Sawtimb	er Poor	27.2	100	1-50	N/A		Stand treated timber sale #63-031-12-01, "C14 Oakypine".	
Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size		
White Oak	25	Pole/Log	8		Re	d Maple	High	5 - 10 feet	Sapling		
Black/Red (Hybrid) Oa	ık 40	Log/Pole	10	100	Wh	nite Pine	Medium	< 5 feet	Sapling		
White Pine	35	Pole/Log	9		Blad	ck Cherry	Low	< 5 feet	Sapling		
					Ouak	king Aspen	High	5 - 10 feet	Sapling		
					Quan	ang Aspen					
						d (Hybrid) Oak	Medium	< 5 feet	Sapling		
					Black/Re		-		Sapling Sapling		
	Conifer		Poletimb		Black/Re Wh	d (Hybrid) Oak hite Oak	Medium Medium 81-110	< 5 feet < 5 feet N/A	Sapling		
Canopy Species	Conifer % Cover	Size Class	DBH	I Age	Black/Re Wh 10.6 Sub-Ca	d (Hybrid) Oak hite Oak 100 nopy Species	Medium Medium 81-110 Density	< 5 feet < 5 feet N/A Avg. Height	Sapling		
Canopy Species Red Maple	Conifer % Cover 15	Size Class Pole/Log	DB I-	1 Age 38	Black/Re Wh 10.6 Sub-Car	d (Hybrid) Oak hite Oak 100 nopy Species d Maple	Medium Medium 81-110 Density Medium	< 5 feet < 5 feet N/A Avg. Height < 5 feet	Sapling Size Sapling		
Canopy Species Red Maple White Oak	% Cover 15 15	Size Class Pole/Log Pole/Log	DB H 8 8	38 38	Black/Re Wit 10.6 Sub-Ca Re Black/Re	d (Hybrid) Oak hite Oak 100 nopy Species d Maple d (Hybrid) Oak	Medium Medium 81-110 Pensity Medium Low	< 5 feet < 5 feet N/A Avg. Height < 5 feet < 5 feet	Size Sapling Sapling		
Canopy Species Red Maple White Oak Bigtooth Aspen	% Cover 15 15 10	Size Class Pole/Log Pole/Log Pole	DBH 8 8 7	38 38 38 38	Black/Re Wh 10.6 Sub-Ca Re Black/Re	d (Hybrid) Oak hite Oak 100 nopy Species d Maple d (Hybrid) Oak hite Pine	Medium Medium 81-110 Density Medium Low Low	< 5 feet < 5 feet N/A Avg. Height < 5 feet < 5 feet < 5 feet	Sapling Size Sapling Sapling Sapling		
Canopy Species Red Maple White Oak Bigtooth Aspen Black/Red (Hybrid) Oa	% Cover 15 15 10 10 10 11 10 11 11 11 11 11 11 11 11	Size Class Pole/Log Pole/Log Pole Log/Pole	8 8 8 7	38 38	Black/Re WH 10.6 Sub-Cal Re Black/Re WH Black	d (Hybrid) Oak hite Oak 100 nopy Species d Maple d (Hybrid) Oak hite Pine ck Cherry	Medium Medium 81-110 Density Medium Low Low Medium	< 5 feet < 5 feet N/A Avg. Height < 5 feet < 5 feet < 5 feet < 5 feet	Size Sapling Sapling Sapling Sapling Sapling		
Canopy Species Red Maple White Oak Bigtooth Aspen Black/Red (Hybrid) Oa White Pine	Conifer	Size Class Pole/Log Pole/Log Pole Log/Pole Pole/Log	DBH 8 8 7 10 8	38 38 38 38	Black/Re WH 10.6 Sub-Cal Re Black/Re WH Black With	nopy Species d Maple d (Hybrid) Oak nopy Species d Maple d (Hybrid) Oak nite Pine ck Cherry ch Hazel	Medium Medium 81-110 Density Medium Low Low Medium Low	< 5 feet < 5 feet N/A Avg. Height < 5 feet < 5 feet < 5 feet < 5 feet 5 - 10 feet	Size Sapling Sapling Sapling Sapling Sapling Tall Shrub		
Canopy Species Red Maple White Oak Bigtooth Aspen Black/Red (Hybrid) Oa White Pine Red Pine	Conifer	Pole/Log Pole Log/Pole Pole/Log Pole/Log	DBH 8 8 7 10 8 9	38 38 38 38	Black/Re WH 10.6 Sub-Cal Re Black/Re WH Black With	d (Hybrid) Oak hite Oak 100 nopy Species d Maple d (Hybrid) Oak hite Pine ck Cherry	Medium Medium 81-110 Density Medium Low Low Medium	< 5 feet < 5 feet N/A Avg. Height < 5 feet < 5 feet < 5 feet < 5 feet	Size Sapling Sapling Sapling Sapling Sapling		
Canopy Species Red Maple White Oak Bigtooth Aspen Black/Red (Hybrid) Oa White Pine Red Pine Jack Pine	% Cover 15 15 10 10 14 25 25 3 5	Pole/Log Pole Log/Pole Pole/Log Pole/Log Pole/Log Pole/Log Pole/Log Pole/Log	DBH 8 8 7 10 8 9 5	38 38 38 38	Black/Re WH 10.6 Sub-Cal Re Black/Re WH Black With	nopy Species d Maple d (Hybrid) Oak nopy Species d Maple d (Hybrid) Oak nite Pine ck Cherry ch Hazel	Medium Medium 81-110 Density Medium Low Low Medium Low	< 5 feet < 5 feet N/A Avg. Height < 5 feet < 5 feet < 5 feet < 5 feet 5 - 10 feet	Size Sapling Sapling Sapling Sapling Sapling Tall Shrub		
Canopy Species Red Maple White Oak Bigtooth Aspen Black/Red (Hybrid) Oa White Pine Red Pine	Conifer	Pole/Log Pole Log/Pole Pole/Log Pole/Log	DBH 8 8 7 10 8 9	38 38 38 38	Black/Re WH 10.6 Sub-Cal Re Black/Re WH Black With	nopy Species d Maple d (Hybrid) Oak nopy Species d Maple d (Hybrid) Oak nite Pine ck Cherry ch Hazel	Medium Medium 81-110 Density Medium Low Low Medium Low	< 5 feet < 5 feet N/A Avg. Height < 5 feet < 5 feet < 5 feet < 5 feet 5 - 10 feet	Size Sapling Sapling Sapling Sapling Sapling Tall Shrub		
Canopy Species Red Maple White Oak Bigtooth Aspen Black/Red (Hybrid) Oa White Pine Red Pine Jack Pine Black Cherry	% Cover	Pole/Log Pole/Log Pole Log/Pole Pole/Log Pole/Log Pole/Log Pole/Log Pole/Log	B	38 38 38 100 3 Well	Black/Re WH 10.6 Sub-Cal Re Black/Re WH Black With	d (Hybrid) Oak hite Oak 100 nopy Species d Maple d (Hybrid) Oak hite Pine ck Cherry ch Hazel horn (spp.)	Medium Medium 81-110 Density Medium Low Low Medium Low	< 5 feet < 5 feet N/A Avg. Height < 5 feet < 5 feet < 5 feet < 5 feet 5 - 10 feet	Size Sapling Sapling Sapling Sapling Sapling Tall Shrub		
Canopy Species Red Maple White Oak Bigtooth Aspen Black/Red (Hybrid) Oa White Pine Red Pine Jack Pine Black Cherry 59 413 Canopy Species	Conifer % Cover 15	Pole/Log	BB	38 38 38 100 38 100	Black/Re WH 10.6 Sub-Ca Re Black/Re WH Black Wit Hawti	d (Hybrid) Oak hite Oak 100 nopy Species d Maple d (Hybrid) Oak hite Pine ck Cherry ch Hazel horn (spp.)	Medium Medium 81-110 Density Medium Low Low Medium Low Low Medium Low	< 5 feet < 5 feet N/A Avg. Height < 5 feet	Size Sapling Sapling Sapling Sapling Sapling Tall Shrub		
Canopy Species Red Maple White Oak Bigtooth Aspen Black/Red (Hybrid) Oa White Pine Red Pine Jack Pine Black Cherry 59 413 Canopy Species Bigtooth Aspen	Conifer % Cover 15 15 10 ak 25 25 3 5 2 0 - Aspen % Cover 75	Pole/Log Pole/Log Pole/Log Pole/Log Pole/Log Pole/Log Pole/Log Pole/Log Size Class Sapling/Pole	BB	38 38 38 100 3 Well	Black/Re WH 10.6 Sub-Ca Re Black/Re WH Black Wit Hawti	d (Hybrid) Oak hite Oak 100 nopy Species d Maple d (Hybrid) Oak hite Pine ck Cherry ch Hazel horn (spp.)	Medium Medium 81-110 Density Medium Low Low Medium Low Low Medium Low	< 5 feet < 5 feet N/A Avg. Height < 5 feet	Size Sapling Sapling Sapling Sapling Sapling Tall Shrub		
Canopy Species Red Maple White Oak Bigtooth Aspen Black/Red (Hybrid) Oa White Pine Red Pine Jack Pine Black Cherry 59 413 Canopy Species Bigtooth Aspen Jack Pine	Conifer % Cover 15 15 10 kk 25 25 3 5 2 0 - Aspen % Cover 75 5	Pole/Log Pole/Log Pole/Log Pole/Log Pole/Log Pole/Log Pole/Log Pole/Log Size Class Sapling/Pole Sapling/Pole	BB	38 38 38 100 38 100	Black/Re WH 10.6 Sub-Ca Re Black/Re WH Black Wit Hawti	d (Hybrid) Oak hite Oak 100 nopy Species d Maple d (Hybrid) Oak hite Pine ck Cherry ch Hazel horn (spp.)	Medium Medium 81-110 Density Medium Low Low Medium Low Low Medium Low	< 5 feet < 5 feet N/A Avg. Height < 5 feet	Size Sapling Sapling Sapling Sapling Sapling Tall Shrub		
Canopy Species Red Maple White Oak Bigtooth Aspen Black/Red (Hybrid) Oa White Pine Red Pine Jack Pine Black Cherry 59 413 Canopy Species Bigtooth Aspen Jack Pine Red Pine	Conifer % Cover 15 15 10 kk 25 25 3 5 2 0 - Aspen % Cover 75 5	Pole/Log	BBH Sapling DBH 4 4 8	38 38 38 100 38 100	Black/Re WH 10.6 Sub-Ca Re Black/Re WH Black Wit Hawti	d (Hybrid) Oak hite Oak 100 nopy Species d Maple d (Hybrid) Oak hite Pine ck Cherry ch Hazel horn (spp.)	Medium Medium 81-110 Density Medium Low Low Medium Low Low Medium Low	< 5 feet < 5 feet N/A Avg. Height < 5 feet	Size Sapling Sapling Sapling Sapling Sapling Tall Shrub		
Canopy Species Red Maple White Oak Bigtooth Aspen Black/Red (Hybrid) Oa White Pine Red Pine Jack Pine Black Cherry 59 413 Canopy Species Bigtooth Aspen Jack Pine	Conifer % Cover 15 15 10 kk 25 25 3 5 2 0 - Aspen % Cover 75 5	Pole/Log Pole/Log Pole/Log Pole/Log Pole/Log Pole/Log Pole/Log Pole/Log Size Class Sapling/Pole Sapling/Pole	BBH	38 38 38 100 38 100	Black/Re WH 10.6 Sub-Ca Re Black/Re WH Black Wit Hawti	d (Hybrid) Oak hite Oak 100 nopy Species d Maple d (Hybrid) Oak hite Pine ck Cherry ch Hazel horn (spp.)	Medium Medium 81-110 Density Medium Low Low Medium Low Low Medium Low	< 5 feet < 5 feet N/A Avg. Height < 5 feet	Size Sapling Sapling Sapling Sapling Sapling Tall Shrub		

t 7 – Stands Compartment: 14 Year of Entry: 2022

OF NATURAL AND NATURA A
MICHIGAN

Stand	Level 4 Co	over Type		Size De	nsity	Acres	Stand Age BA	A Range	Managed S	ite	General Comments
60	42110 - Plar	nted Red F	Pine I	Poletimb	er Wel	6.8	62 1	11-140	N/A		Stand treated timber sale #63-044-12-01, "Frank Mix".
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Can	opy Species	Density	Avg. Height	Size	
Blac	ck/Red (Hybrid) Oak	10	Pole/Log	8		Red	d Maple	High	< 5 feet	Sapling	
	Red Pine	85	Pole/Log	8	62	В	eech	Low	< 5 feet	Sapling	
	Black Cherry	5	Pole/Log	8		Black	k Cherry	Medium	< 5 feet	Sapling	
61	4130	- Aspen		Sapling	g Well	12.3	5 Ir	nmature	N/A		Stand treated timber sale #63-031-12-01, "Horse Apples".
	Canopy Species	% Cover	Size Class	DBH	l Age						
	Bigtooth Aspen	85	Sapling	1	5						
	Red Maple	10	Sapling	1							
	Black Cherry	5	Sapling	1							
62	4199 - Other Mixe	d Upland D	Deciduous	Sapling	g Well	27.7	16	1-50	N/A		2020: Regenerating heavily to red maple with some pockets of aspen and
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Can	opy Species	Density	Avg. Height	Size	oak. Regeneration has advanced too far for overstory removal to be feasible.
	Red Maple	3	Log	10		Wh	ite Oak	Low	10 - 20 feet	Sapling	Todoloio.
Blac	ck/Red (Hybrid) Oak	20	Log/Pole	10	90	Black/Red	l (Hybrid) Oak	Low	10 - 20 feet	Sapling	Previous Inventory Comments: Timber sale 2004.
	White Oak	15	Pole/Log	9							
	White Pine	2	Pole	8							
	Red Maple	45	Sapling	2	16						
			- 1								
	Bigtooth Aspen	15	Sapling	2	16						
63		- Grass			16	1.9			Managed Op	ening	
	3102 4191 - Mixed Upla	- Grass	Sapling	2	16 ocked		87	1-50	Managed Op	ening	2020: Overstory residual species are primarily red oak, white oak, white pine, and jack pine. Even aged understory is regenerating heavily to oak.
63	3102 4191 - Mixed Upla	- Grass	Sapling nous with Sa	Nonsto	16 ocked	m 4.2	87	1-50 Density		pening Size	pine, and jack pine. Even aged understory is regenerating heavily to oak. Second age taken from ~12 foot tall red oak sapling representative of the
63	3102 4191 - Mixed Upla Co	- Grass and Decidu	Sapling nous with Sa	Nonsto	16 ocked	m 4.2 Sub-Can			N/A		pine, and jack pine. Even aged understory is regenerating heavily to oak. Second age taken from ~12 foot tall red oak sapling representative of the typical regen. No record of cuts occurring.
63	3102 4191 - Mixed Upla Co Canopy Species	- Grass and Deciduonifer **Cover* 25	Sapling lous with Sa Size Class	Nonsto	16 ocked	sm 4.2 Sub-Can	opy Species	Density	N/A Avg. Height	Size	pine, and jack pine. Even aged understory is regenerating heavily to oak. Second age taken from ~12 foot tall red oak sapling representative of the
63	3102 4191 - Mixed Upla Co Canopy Species White Oak	- Grass and Deciduonifer **Cover* 25	Sapling lous with Sa Size Class Pole/Log	Nonsto	nocked r Mediu	Sub-Can	opy Species I Maple	Density Low	N/A Avg. Height 5 - 10 feet	Size Sapling	pine, and jack pine. Even aged understory is regenerating heavily to oak. Second age taken from ~12 foot tall red oak sapling representative of the typical regen. No record of cuts occurring.
63 64	3102 4191 - Mixed Upla Co Canopy Species White Oak ck/Red (Hybrid) Oak	- Grass and Deciduonifer **Cover** 25 25	Sapling sous with Sa Size Class Pole/Log Log/Pole	Nonsto	nocked r Mediu	Sub-Can Rec Whi	opy Species I Maple ite Oak	Density Low Medium	N/A Avg. Height 5 - 10 feet 10 - 20 feet	Size Sapling Sapling	pine, and jack pine. Even aged understory is regenerating heavily to oak. Second age taken from ~12 foot tall red oak sapling representative of the typical regen. No record of cuts occurring.
63 64	3102 4191 - Mixed Upla Co Canopy Species White Oak k/Red (Hybrid) Oak White Pine	- Grass and Deciduonifer **Cover* 25 25 20	Sapling Hous with Sa Size Class Pole/Log Log/Pole Pole/Log	Nonsto	nocked r Mediu	Sub-Can Rec Whi	nopy Species I Maple ite Oak I (Hybrid) Oak	Density Low Medium High	N/A Avg. Height 5 - 10 feet 10 - 20 feet Variable	Size Sapling Sapling Sapling	pine, and jack pine. Even aged understory is regenerating heavily to oak. Second age taken from ~12 foot tall red oak sapling representative of the typical regen. No record of cuts occurring.
63 64	3102 4191 - Mixed Upla Co Canopy Species White Oak kk/Red (Hybrid) Oak White Pine Red Pine Jack Pine	- Grass and Deciduonifer **Cover** 25 25 20 5	Sapling Hous with Sa Size Class Pole/Log Log/Pole Pole/Log Pole/Log Log/Pole	Nonstone Participation of the Control of the Contro	16 ocked Mediu I Age	Sub-Can Rec Wh Black/Red Whi	nopy Species I Maple ite Oak I (Hybrid) Oak ite Pine	Density Low Medium High	N/A Avg. Height 5 - 10 feet 10 - 20 feet Variable	Size Sapling Sapling Sapling	pine, and jack pine. Even aged understory is regenerating heavily to oak. Second age taken from ~12 foot tall red oak sapling representative of the typical regen. No record of cuts occurring.
63 64	3102 4191 - Mixed Upla Co Canopy Species White Oak ck/Red (Hybrid) Oak White Pine Red Pine Jack Pine 4310 - Pir	- Grass and Deciduonifer % Cover 25 25 20 5 15 ne, Oak Mi	Sapling Hous with Sa Size Class Pole/Log Log/Pole Pole/Log Pole/Log Log/Pole	Nonstone Poletimb	n Medium	Sub-Can Rec Whi Black/Red Whi	nopy Species If Maple ite Oak If (Hybrid) Oak If the Pine	Density Low Medium High Low	N/A Avg. Height 5 - 10 feet 10 - 20 feet Variable < 5 feet	Size Sapling Sapling Sapling	pine, and jack pine. Even aged understory is regenerating heavily to oak. Second age taken from ~12 foot tall red oak sapling representative of the typical regen. No record of cuts occurring.
63 64	3102 4191 - Mixed Upla Co Canopy Species White Oak kk/Red (Hybrid) Oak White Pine Red Pine Jack Pine	- Grass and Deciduonifer % Cover 25 25 20 5 15 ne, Oak Mi	Sapling Foliable Size Class Fole/Log Log/Pole Fole/Log Log/Pole Size Class	Nonstone Poletimb	16 ocked Mediu I Age	Sub-Can Rec Whi Black/Red Whi I 11.6 Sub-Can	nopy Species If Maple ite Oak If (Hybrid) Oak Ite Pine If Maple If Maple Ite Oak Ite O	Density Low Medium High Low	N/A Avg. Height 5 - 10 feet 10 - 20 feet Variable < 5 feet N/A Avg. Height	Size Sapling Sapling Sapling Sapling	pine, and jack pine. Even aged understory is regenerating heavily to oak. Second age taken from ~12 foot tall red oak sapling representative of the typical regen. No record of cuts occurring.
63 64 Blace	3102 4191 - Mixed Upla Co Canopy Species White Oak ck/Red (Hybrid) Oak White Pine Red Pine Jack Pine 4310 - Pir Canopy Species White Oak	- Grass and Deciduonifer **Cover* 25 25 20 5 15 ne, Oak Mi **Cover* 10	Sapling Flows with Samuel Size Class Pole/Log Log/Pole Pole/Log Log/Pole Size Class Pole/Log	Nonsto	16 pocked r Mediu l Age 87 per Wel l Age	Sub-Can Rec Whi Black/Red Whi 1 11.6 Sub-Can	nopy Species If Maple Ite Oak If (Hybrid) Oak Ite Pine Ite Oapy Species If Maple	Density Low Medium High Low 81-110 Density	N/A Avg. Height 5 - 10 feet 10 - 20 feet Variable < 5 feet N/A Avg. Height < 5 feet	Size Sapling Sapling Sapling Sapling Sapling	pine, and jack pine. Even aged understory is regenerating heavily to oak Second age taken from ~12 foot tall red oak sapling representative of the typical regen. No record of cuts occurring.
63 64 Blace	3102 4191 - Mixed Upla Co Canopy Species White Oak ck/Red (Hybrid) Oak White Pine Red Pine Jack Pine 4310 - Pir Canopy Species	- Grass and Deciduonifer % Cover 25 20 5 15 ne, Oak Mi % Cover 10 30	Sapling Size Class Pole/Log Log/Pole Pole/Log Pole/Log Size Class Pole/Log Pole/Log	2 Nonsto	n Medium	Sub-Can Rec Whi Black/Red Whi 1 11.6 Sub-Can Rec	and the second s	Density Low Medium High Low 81-110 Density Low Low	N/A Avg. Height 5 - 10 feet 10 - 20 feet Variable < 5 feet N/A Avg. Height < 5 feet < 5 feet	Size Sapling Sapling Sapling Sapling Sapling Sapling Sapling	pine, and jack pine. Even aged understory is regenerating heavily to oak Second age taken from ~12 foot tall red oak sapling representative of the typical regen. No record of cuts occurring.
63 64 Blace	3102 4191 - Mixed Upla Co Canopy Species White Oak k/Red (Hybrid) Oak White Pine Red Pine Jack Pine 4310 - Pir Canopy Species White Oak k/Red (Hybrid) Oak White Pine	- Grass and Deciduonifer % Cover 25 20 5 15 ne, Oak Mi % Cover 10 30 20	Sapling Size Class Pole/Log Log/Pole Pole/Log Log/Pole Size Class Pole/Log Pole/Log Pole/Log Pole/Log Pole/Log Pole/Log Pole/Log Pole/Log Pole/Log	2 Nonsto	16 pocked r Mediu l Age 87 per Wel l Age	Sub-Can Rec Whi Black/Red Whi 1 11.6 Sub-Can Rec B Whi	nopy Species I Maple ite Oak I (Hybrid) Oak Ite Pine 100 nopy Species I Maple eech ite Pine	Density Low Medium High Low 81-110 Density Low Low Medium	N/A Avg. Height 5 - 10 feet 10 - 20 feet Variable < 5 feet N/A Avg. Height < 5 feet < 5 feet 5 - 10 feet	Size Sapling Sapling Sapling Sapling Sapling Sapling Size Sapling Sapling Sapling	pine, and jack pine. Even aged understory is regenerating heavily to oak. Second age taken from ~12 foot tall red oak sapling representative of the typical regen. No record of cuts occurring.
63 64 Blace	3102 4191 - Mixed Upla Co Canopy Species White Oak k/Red (Hybrid) Oak White Pine Red Pine Jack Pine 4310 - Pir Canopy Species White Oak k/Red (Hybrid) Oak	- Grass and Deciduonifer % Cover 25 20 5 15 ne, Oak Mi % Cover 10 30	Sapling Size Class Pole/Log Log/Pole Pole/Log Pole/Log Size Class Pole/Log Pole/Log	2 Nonsto	16 pocked r Mediu l Age 87 per Wel l Age	Sub-Can Rec Whi Black/Red Whi 1 11.6 Sub-Can Rec B Whi	and the second s	Density Low Medium High Low 81-110 Density Low Low	N/A Avg. Height 5 - 10 feet 10 - 20 feet Variable < 5 feet N/A Avg. Height < 5 feet < 5 feet	Size Sapling Sapling Sapling Sapling Sapling Sapling Sapling	pine, and jack pine. Even aged understory is regenerating heavily to oak. Second age taken from ~12 foot tall red oak sapling representative of the typical regen. No record of cuts occurring.



Stand Level 4 Cover Type		s	Size Density		Acres Stand Age BA F		BA Range	A Range Managed Site		General Comments	MICHIGAN	
66	42260 - Natural Pir	ne, Mixed [Deciduous Pole	etimbe	Medium	1 4.9	38	81-110	N/A			
	Canopy Species	% Cover	Size Class	DBH	l Age							
	White Pine	20	Pole/Sap/Log	7								
	Jack Pine	50	Pole/Sapling	6	38							
	Bigtooth Aspen	20	Pole/Sapling	6								
	White Oak	5	Pole/Sapling	5								
Blad	ck/Red (Hybrid) Oak	5	Pole/Sapling	5								
67	4130 -	- Aspen	5	Sapling	y Well	38.0	27	Immature	N/A			
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Specie	s Density	Avg. Height	Size		
	Red Maple	15	Sapling/Pole	3	27		ch Hazel	Low	< 5 feet	Tall Shrub		
	Bigtooth Aspen	70	Sapling/Pole	4	27	WI	nite Oak	Low	10 - 20 feet	Sapling		
Blad	ck/Red (Hybrid) Oak	10	Sapling	2		Blad	ck Cherry	Low	5 - 10 feet	Sapling		
	Black Cherry	2	Sapling/Pole	3		WI	nite Pine	Low	< 5 feet	Sapling		
	White Pine	3	Log/Pole	10						, ,		
68	42110 - Plar	nted Red P	rine Po	oletimb	er Well	13.2	62	171-200	N/A		Third row thinned 1997 timber sale #630239401.	
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Specie	s Density	Avg. Height	Size		
Blad	ck/Red (Hybrid) Oak	8	Pole	7		Re	d Maple	High	< 5 feet	Sapling		
	Red Pine	80	Pole/Log	8	62	Blac	ck Cherry	Low	< 5 feet	Sapling		
	Black Cherry	2	Pole	7		WI	nite Oak	Low	Variable	Sapling		
	White Pine	10	Pole/Log	8				Low	Variable	Sapling		
69	4131 - A	spen, Oak	Po	oletimb	er Well	45.0	38		N/A		New stand added.	
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Specie	s Density	Avg. Height	Size		
	Red Maple	20	Pole/Sapling	5		Re	d Maple	Low	Variable	Sapling		
	Bigtooth Aspen	50	Pole/Sapling	7	38	Blac	ck Cherry	Low	5 - 10 feet	Sapling		
Blad	ck/Red (Hybrid) Oak	15	Pole/Sapling	6		Hawt	horn (spp.)	Low	< 5 feet	Tall Shrub		
	White Pine	5	Log/Pole	10			nite Oak	Low	Variable	Sapling		
	White Oak	5	Pole/Sapling	5								
	Red Pine	3	Log/Pole	10								
	Jack Pine	2	Pole/Sapling	7								
70	4126 - White, B	Black, N. Pi	in Oak Po	oletimb	er Well	21.6	88	51-80	N/A			
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Specie	s Density	Avg. Height	Size		
			Dala/Las			Re	d Maple	High	10 - 20 feet	Sapling		
	White Oak	35	Pole/Log	9	11							
Blac	White Oak ck/Red (Hybrid) Oak	35 55	Log/Pole	10	88		oth Aspen	Low	10 - 20 feet	Sapling		
Blac					88	Bigto		Low	10 - 20 feet 5 - 10 feet	Sapling Sapling		

Stand	Level 4 Co	over Type		Size De	insity	Acres	Stand Age B	A Range	Managed S	ite	General Comments
71	4199 - Other Mixed	d Upland D	eciduous	Sapling	y Well	27.7	7	1-50	N/A		Stand treated timber sale #63-035-12-01, "Phantom Mask". ORV Train through stand. Old Pinora fire tower supports in stand. Two-trac
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Car	nopy Species	Density	Avg. Height	Size	leads to site.
	White Oak	10	Pole/Log/Sap	7		Wh	ite Pine	Medium	Variable	Sapling	
Blac	ck/Red (Hybrid) Oak	20	Log/Pole	10	90	Blac	k Cherry	Medium	< 5 feet	Sapling	
	White Pine	5	Pole	7							
	Red Pine	10	Pole/Log	8							
	Red Maple	55	Sapling	1	7						
Conifer		ous with Pol	etimbei	r Mediu			81-110	N/A		2020: Low vigour stand with punky hybrid oak, cherry, and Jack pine overstory with a decent amount of 2-3" white oak in	
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Car	nopy Species	Density	Avg. Height	Size	understory.Previous Inventory Comments: Area left out of surrounding treatments to form its own stand. Mix of species and sizes.
	White Oak	10	Pole/Sapling	5		Wh	nite Oak	Medium	Variable	Sapling	treatments to form its own stand. With or species and sizes.
Blac	ck/Red (Hybrid) Oak	30	Log/Pole	12	67	Black/Red	d (Hybrid) Oak	Medium	Variable	Sapling	
	Jack Pine	20	Pole/Log	8							
	Black Cherry	30	Pole/Sapling	6							
73	42101 - Planted V Decid	White Pine duous	, Mixed S	awtimb	er Wel	l 6.3	52	41-170	N/A		Previous Inventory Comments: White pine looks underplanted but no FTP could be found.
	Deci		, Mixed S			l 6.3	52 1	41-170			Previous Inventory Comments: White pine looks underplanted but no FTP could be found.
	Decide Canopy Species	duous % Cover	Size Class	DBH	er Wel	Sub-Car	nopy Species	Density	Avg. Height	Size	
	Canopy Species White Oak	% Cover	Size Class Log/Pole	DBH		Sub-Car Wh	nopy Species nite Oak	Density Low	Avg. Height < 5 feet	Sapling	
	Decides Canopy Species White Oak ck/Red (Hybrid) Oak	% Cover	Size Class Log/Pole Log/Pole	DBH 10 12	I Age	Sub-Car Wh	nopy Species	Density	Avg. Height		
Blac	Canopy Species White Oak	### duous ### Cover 10	Size Class Log/Pole Log/Pole Pole	DBH	Age 52	Sub-Car Wh Black/Red	nopy Species nite Oak	Density Low	Avg. Height < 5 feet	Sapling	FTP could be found.
Blace 74	Decide Canopy Species White Oak Ck/Red (Hybrid) Oak White Pine 4126 - White, B	duous **Cover* 10 25 65 Black, N. Pi	Size Class Log/Pole Log/Pole Pole	DBH 10 12 7	52 ber Wel	Sub-Car Wh Black/Red	nopy Species nite Oak d (Hybrid) Oak	Density Low Low	Avg. Height < 5 feet < 5 feet N/A	Sapling	
Blace 74	Canopy Species White Oak ck/Red (Hybrid) Oak White Pine	duous **Cover* 10 25 65 Black, N. Pi	Size Class Log/Pole Log/Pole Pole Pole	DBH 10 12 7	Age 52	Sub-Car Wh Black/Red	nopy Species nite Oak d (Hybrid) Oak	Density Low Low	Avg. Height < 5 feet < 5 feet	Sapling Sapling	FTP could be found.
Blac	Canopy Species White Oak ck/Red (Hybrid) Oak White Pine 4126 - White, B	## Cover	Size Class Log/Pole Log/Pole Pole n Oak Pole Size Class	DBH 10 12 7 oletimb	52 ber Wel	Sub-Car Wh Black/Red	nopy Species nite Oak d (Hybrid) Oak 92 nopy Species	Density Low Low 51-80 Density	Avg. Height < 5 feet < 5 feet N/A Avg. Height	Sapling Sapling	FTP could be found.
Blac	Canopy Species White Oak Ck/Red (Hybrid) Oak White Pine 4126 - White, B Canopy Species White Oak	duous **Cover* 10 25 65 Black, N. Pi **Cover* 25	Size Class Log/Pole Log/Pole Pole n Oak Size Class Pole/Log	10	52 ser Wel	Sub-Car Wh Black/Red I 2.4 Sub-Car Wh Black/Red	nopy Species hite Oak d (Hybrid) Oak 92 hopy Species hite Oak	Density Low Low 51-80 Density Low	Avg. Height < 5 feet < 5 feet N/A Avg. Height < 5 feet	Sapling Sapling Size Sapling	Previous Inventory Comments: Oak regenerating well in open areas.
Blac	Canopy Species White Oak Ck/Red (Hybrid) Oak White Pine 4126 - White, B Canopy Species White Oak Ck/Red (Hybrid) Oak	## Cover 10 25 65 ## Cover 25 50 50	Size Class Log/Pole Log/Pole Pole n Oak Pole Size Class Pole/Log Pole/Log	DBH	52 ser Wel	Sub-Car Wh Black/Red I 2.4 Sub-Car Wh Black/Red	nopy Species hite Oak d (Hybrid) Oak 92 hopy Species hite Oak d (Hybrid) Oak	Density Low Low 51-80 Density Low Low	Avg. Height < 5 feet < 5 feet N/A Avg. Height < 5 feet < 5 feet	Sapling Sapling Size Sapling Sapling	Previous Inventory Comments: Oak regenerating well in open areas.
Blac	Canopy Species White Oak ck/Red (Hybrid) Oak White Pine 4126 - White, B Canopy Species White Oak ck/Red (Hybrid) Oak White Pine	## Cover	Size Class Log/Pole Log/Pole Pole n Oak Size Class Pole/Log Pole/Log Pole/Log Pole	DBH	52 ser Wel	Sub-Car Wh Black/Red I 2.4 Sub-Car Wh Black/Red	nopy Species hite Oak d (Hybrid) Oak 92 hopy Species hite Oak d (Hybrid) Oak	Density Low Low 51-80 Density Low Low	Avg. Height < 5 feet < 5 feet N/A Avg. Height < 5 feet < 5 feet	Sapling Sapling Size Sapling Sapling	Previous Inventory Comments: Oak regenerating well in open areas.
74	Canopy Species White Oak Ck/Red (Hybrid) Oak White Pine 4126 - White, B Canopy Species White Oak Ck/Red (Hybrid) Oak White Pine Red Pine	## Cover	Size Class Log/Pole Log/Pole Pole n Oak Size Class Pole/Log Pole/Log Pole/Log Pole/Log Pole Dak Size Class	10	52 ser Wel	Sub-Car Wh Black/Red 1 2.4 Sub-Car Wh Black/Red Wite	nopy Species nite Oak d (Hybrid) Oak 92 nopy Species nite Oak d (Hybrid) Oak ch Hazel	Density Low Low 51-80 Density Low Low Low Low	Avg. Height < 5 feet < 5 feet N/A Avg. Height < 5 feet < 5 feet < 5 feet	Sapling Sapling Size Sapling Sapling	Previous Inventory Comments: Oak regenerating well in open areas. 2020: Very patchy regen
74 Blace	Decide Canopy Species White Oak Ck/Red (Hybrid) Oak White Pine 4126 - White, B Canopy Species White Oak Ck/Red (Hybrid) Oak White Pine Red Pine 4124 - Red w	## Cover	Size Class Log/Pole Log/Pole Pole n Oak Size Class Pole/Log Pole/Log Pole/Log Pole Dak Size Class	10	52 ser Wel 1 Age 92 er Poo	Sub-Car Wh Black/Rec I 2.4 Sub-Car Wh Black/Rec Wite	nopy Species nite Oak d (Hybrid) Oak 92 nopy Species nite Oak d (Hybrid) Oak ch Hazel	Density Low 51-80 Density Low Low Low Low Low 1-50	Avg. Height < 5 feet < 5 feet N/A Avg. Height < 5 feet < 5 feet < 5 feet < 5 feet	Sapling Sapling Size Sapling Sapling Sapling Tall Shrub	Previous Inventory Comments: Oak regenerating well in open areas.
74 Blace	Canopy Species White Oak Ck/Red (Hybrid) Oak White Pine 4126 - White, B Canopy Species White Oak Ck/Red (Hybrid) Oak White Pine Red Pine 4124 - Red w Canopy Species	## Cover 10 25 65 ## Black, N. Pi ** Cover 25 50 20 5 ## With White Cover ** Cover *	Size Class Log/Pole Log/Pole Pole n Oak Size Class Pole/Log Pole/Log Pole/Log Pole Dak Size Class	10	52 ser Wel 1 Age 92 er Poo	Sub-Car Wh Black/Rec I 2.4 Sub-Car Wh Black/Rec Wite	nopy Species hite Oak d (Hybrid) Oak 92 hopy Species hite Oak d (Hybrid) Oak ch Hazel 100 hopy Species	Density Low 51-80 Density Low Low Low Low Density Density Low Low Density	Avg. Height < 5 feet < 5 feet N/A Avg. Height < 5 feet < 5 feet < 5 feet N/A Avg. Height	Sapling Size Sapling Sapling Sapling Tall Shrub	Previous Inventory Comments: Oak regenerating well in open areas. 2020: Very patchy regen
74 Blace	Canopy Species White Oak Ck/Red (Hybrid) Oak White Pine 4126 - White, B Canopy Species White Oak Ck/Red (Hybrid) Oak White Pine Red Pine 4124 - Red w Canopy Species Red Oak	## Cover	Size Class Log/Pole Log/Pole Pole n Oak Pole/Log Pole/Log Pole/Log Pole/Log Size Class Pole/Log Pole/Log Pole Dak Size Class Log/Pole	10	52 ser Wel 1 Age 92 er Poo	Sub-Car Black/Rec I 2.4 Sub-Car Wite T 12.1 Sub-Car Rec	nopy Species hite Oak d (Hybrid) Oak 92 hopy Species hite Oak d (Hybrid) Oak ch Hazel 100 hopy Species d Maple	Density Low 51-80 Density Low Low Low Low Density Medium	Avg. Height < 5 feet < 5 feet N/A Avg. Height < 5 feet	Sapling Sapling Size Sapling Sapling Tall Shrub Size Sapling	Previous Inventory Comments: Oak regenerating well in open areas. 2020: Very patchy regen
74	Canopy Species White Oak Ck/Red (Hybrid) Oak White Pine 4126 - White, B Canopy Species White Oak Ck/Red (Hybrid) Oak White Pine Red Pine 4124 - Red w Canopy Species Red Oak White Oak	## Cover 10	Size Class Log/Pole Log/Pole Pole n Oak Size Class Pole/Log Pole/Log Pole Dak Size Class Log/Pole Log/Pole	10	52 ser Wel 1 Age 92 er Poo	Sub-Car Black/Rec I 2.4 Sub-Car With T 12.1 Sub-Car Rec Wh	nopy Species hite Oak d (Hybrid) Oak 92 nopy Species hite Oak d (Hybrid) Oak ch Hazel 100 nopy Species d Maple ed Oak	Density Low 51-80 Density Low Low Low 1-50 Density Medium Low	Avg. Height < 5 feet < 5 feet N/A Avg. Height < 5 feet < 5 feet < 5 feet < 5 feet 5 feet 10 feet	Sapling Sapling Size Sapling Sapling Tall Shrub Size Sapling Sapling Sapling	Previous Inventory Comments: Oak regenerating well in open areas. 2020: Very patchy regen



Stand	Level 4 C	over Type	\$	Size De	nsity	Acres	Stand Age B	A Range	Managed \$	Site	General Comments
77	4130	- Aspen	P	oletimb	er Well	57.5	55		N/A		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Maple	10	Pole	6		Re	d Maple	Low	10 - 20 feet	Sapling	
	Bigtooth Aspen	75	Pole/Log	9	55	Wit	ch Hazel	Low	5 - 10 feet	Tall Shrub	
Blac	ck/Red (Hybrid) Oak	10	Pole/Log	9							•
	Black Cherry	5	Pole	8							
78	4130	- Aspen	P	oletimb	er Well	27.0	45		N/A		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Bigtooth Aspen	95	Pole	7	45	WI	hite Oak	Low	>20 feet	Sapling	
	White Pine	5	Pole/Log	8		Black/Re	d (Hybrid) Oak	Low	>20 feet	Sapling	
				1		Blac	ck Cherry	Low	>20 feet	Sapling	
79	4310 - Piı	ne, Oak Mi	x Sa	apling I	Medium	15.1	38	1-50	N/A		Could possibly been a wildlife cut. No records could be found
	Canopy Species	% Cover	Size Class	DBH	Age						
	White Oak	30	Sapling	2	12						
Blad	ck/Red (Hybrid) Oak	10	Sapling	2							
	White Pine	10	Log/Pole	12							
	Jack Pine	40	Pole/Sapling	6	38						
	Black Cherry	10	Sapling/Pole	4							
80	3102	- Grass		Nonsto	cked	0.9			Managed O	pening	
81	4130	- Aspen		Sapling	ı Well	38.0	15		N/A		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Previous Inventory Comments:
	Red Maple	20	Sapling/Pole	4	15	Wit	ch Hazel	Low	< 5 feet	Tall Shrub	
	Red Oak	8	Pole/Sap/Log	6		Black	Raspberry	Low	< 5 feet	Tall Shrub	red maple, small amount oak.
	White Oak	2	Pole	8		R	ed Pine	Low	< 5 feet	Sapling	
	Bigtooth Aspen	70	Sapling/Pole	3	15						•
82	3102	- Grass		Nonsto	cked	6.0	Uı	nspecified	Managed O	pening	wildlife opening
83		spen, Oak		Sapling		10.8	7	1-50	N/A		Stand treated timber sale #63-025-12-01, "Grouses 11". ORV Route and Trail run through stand.
	Canopy Species	% Cover			Age		nopy Species	Density	Avg. Height	Size	Trail full tillough stand.
	Red Oak	20	Log/Pole	10	82	WI	nite Pine	Low	5 - 10 feet	Sapling	
	White Oak	10	Pole/Log	9							
	Bigtooth Aspen	55	Sapling	1	7						
	Red Maple	15	Sapling	1	7						



Stand	and Level 4 Cove		ver Type		nsity	Acres Stand Age BA		nge	Managed S	Site	General Comments
85	4199 - Other Mixe	d Upland D	eciduous P	Poletimb	er Wel	11.6 30	1-50	0	N/A		
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy Spe	ecies De	nsity	Avg. Height	Size	
	Red Maple	40	Pole/Sapling	6	30	Witch Hazel	I	Low	5 - 10 feet	Tall Shrub	
	White Oak	5	Pole/Sapling	6			,				
Blad	ck/Red (Hybrid) Oak	40	Pole	7							
	Bigtooth Aspen	15	Pole/Sapling	6							
86	42111 - Planted Deci	Red Pine, iduous	Mixed S	Sawtimb	er Wel	7.4 62	141-1	70	N/A		Stand treated timber sale # 630290201, "Blackmail Pine & Oak".
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy Spe	ecies De	nsity	Avg. Height	Size	
	Red Oak	20	Log	12		Red Maple	ŀ	High	10 - 20 feet	Sapling	
	Red Pine	80	Log/Pole	10	62	Witch Hazel	I	Low	< 5 feet	Tall Shrub	
						Beech	Me	edium	5 - 10 feet	Sapling	
87	6230	- Cattail		Nonsto	cked	2.7	Immat	ture	No		
						Sub-Canopy Spe	ecies De	nsity	Avg. Height	Size	
						Hemlock	I	Low	>20 feet	Pole	
						White Pine	I	Low	>20 feet	Pole	
						Red Maple	Me	edium	>20 feet	Pole	
88	4126 - White, E	Black, N. Pi	in Oak P	Poletimb	er Poo	r 19.7 70	1-50	0	N/A		Stand treated timber sale #63-035-12-01, "Phantom Mask". ORV Route
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy Spe	ecies De	nsity	Avg. Height	Size	and Trail run through stand.
Blad	ck/Red (Hybrid) Oak	70	Pole/Log	8	70	Bigtooth Aspe	n l	ligh	5 - 10 feet	Sapling	
	White Oak	25	Pole/Log	8		White Oak	I	Low	Variable	Sapling	
	White Pine	5	Pole/Log	8		Black/Red (Hybrid)) Oak I	Low	< 5 feet	Sapling	
						White Pine	Me	edium	Variable	Sapling	
89	42110 - Plai	nted Red P	ine P	Poletimb	er Wel	13.0 62	141-1	70	N/A		Stand treated timber sale #63-045-12-01, "RPZ". Third row thinned
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy Spe	ecies De	nsity	Avg. Height	Size	1992, sale #630059201. Few small pockets of aspen within stand.
	Bigtooth Aspen	5	Pole	6		Red Maple	Me	edium	< 5 feet	Sapling	



stand	Level 4 Co	ver Type	•	Size D	ensity	Acres	Stand Age	BA Range	Managed S	Site	General Comments
90	4199 - Other Mixed	d Upland D	Deciduous	Saplin	g Well	65.1	6	Immature	N/A		Stand treated timber sale #63-003-12-01, "Baldwin Three". Clearcut a trees 2" DBH or greater EXCEPT oak under 4.5" DBH and green ringe
	Canopy Species	% Cover	Size Class	DBI	H Age						trees 2 DBH or greater EXCEPT oak under 4.5 DBH and green ringe trees. Cut in 2014.
ſ	Bigtooth Aspen	34	Sapling	1	6						
	Red Maple	25	Sapling	1							
	Black Cherry	20	Sapling	1							
	White Oak	5	Sapling	1							
Blac	k/Red (Hybrid) Oak	10	Sapling	1							
	White Oak	2	Log	12							
Blac	/Red (Hybrid) Oak	2	Log	12							
	White Pine	2	Log/Pole	10							
92	4130 -	Aspen	Р	oletim	er Well	175.3	38		N/A		Stand treated timber sale #630288101. Small amount of white pine a
	Canopy Species	% Cover	Size Class	DBI	H Age						white birch poles. Few overstory white pine logs. Few small pockets older aspen left over from cut. East side has a heavier white and red
	Red Maple	20	Sapling/Pole	4	38						pine component.
	White Oak	5	Sapling/Pole	2	38						
ſ	Bigtooth Aspen	65	Pole/Sap/Log	6	38						
Blac	/Red (Hybrid) Oak	5	Sapling/Pole	2	38						
	White Pine	3	Pole/Log	8							
	Jack Pine	2	Sapling/Pole	4	38						
93	4126 - White, B	lack, N. Pi	in Oak S	Sawtiml	er Well	13.6	98	81-110	N/A		
	Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Car	opy Specie	s Density	Avg. Height	Size	
	White Oak	25	Log/Pole	12		Wh	ite Oak	Medium	< 5 feet	Sapling	
ſ	Bigtooth Aspen	10	Log/Pole	10		Black/Red	l (Hybrid) Oa	k Medium	< 5 feet	Sapling	
Blac	/Red (Hybrid) Oak	45	Log/Pole/XLog	14	98	Blac	k Cherry	Medium	< 5 feet	Sapling	
	Jack Pine	10	Pole/Log	8		Red	d Maple	Low	5 - 10 feet	Sapling	
	Black Cherry	5	Pole/Log	8							-
	Red Maple	5	Log/Pole	10							
95	4130 -	Aspen	P	oletim	er Well	128.1	47		N/A		High quality Aspen, more log class internally in stand. Stand has
	Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Car	opy Specie	s Density	Avg. Height	Size	small areas that are heavier to red maple pulp especially south of star 124.
	Red Maple	15	Pole	8			d Maple	Low	10 - 20 feet	Sapling	167.
1	Bigtooth Aspen	75	Pole/Log	9	47	Wito	h Hazel	Low	< 5 feet	Tall Shruk	
	Black Cherry	5	Pole	8				1			•
				_							
Blac	/Red (Hybrid) Oak	5	Log/Pole	10							



Stand	Level 4 Co	over Type		Size De	ensity	Acres	Stand Age BA	A Range	Managed \$	Site	General Comments
98	4126 - White, B	Black, N. P	in Oak S	awtimb	er Well	17.9	100	81-110	N/A		
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
	White Oak	33	Log/Pole/XLog	12		Wh	ite Oak	Medium	Variable	Sapling	
Bla	ck/Red (Hybrid) Oak	50	Log/Pole/XLog	14	100	Black/Red	d (Hybrid) Oak	Medium	Variable	Sapling	
	White Pine	10	Pole/Log	8		Blac	k Cherry	Medium	< 5 feet	Sapling	
	Red Pine	2	Log/Pole	10							
	Jack Pine	5	Pole	8							
99	4130 -	- Aspen		Sapling	g Well	23.0	16		N/A		Stand treated timber sale #630290201, "Blackmail Pine and Oak".
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
	Red Maple	20	Sapling	1	16	Black	Raspberry	Low	< 5 feet	Tall Shrub	
	Bigtooth Aspen	65	Sapling	1	16						-
	White Pine	10	Pole/Sapling	5							
	White Oak	3	Sapling	1							
	Red Oak	2	Sapling	1							
00	4126 - White, B	Black, N. P	in Oak S	awtimb	er Well	32.9	78	1-50	N/A		Stand treated timber sale #630270701, Devil's Corner Re-Bid. Cut
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Car	nopy Species	Density	Avg. Height	Size	summer/fall of 2009.
	White Oak	30	Log/Pole	10		Re	d Maple	High	10 - 20 feet	Sapling	
Bla	ck/Red (Hybrid) Oak	60	Log/Pole	12	78	Bigto	oth Aspen	Low	10 - 20 feet	Sapling	
	White Pine	10	Log/Pole	10		Wite	ch Hazel	Low	5 - 10 feet	Tall Shrub	
						Wh	ite Oak	Medium	Variable	Sapling	
						Black/Red	d (Hybrid) Oak	Medium	Variable	Sapling	
						Blac	k Cherry	Medium	10 - 20 feet	Sapling	
						Wh	ite Pine	Low	5 - 10 feet	Sapling	
101	42221 - Natural Deci	Jack Pine, duous	Mixed P	oletimb	er Well	6.4	41 1	141-170	N/A		
	Canopy Species	% Cover	Size Class	DBH	I Age						
	Red Maple	10	Pole	6							
	Jack Pine	70	Pole	6	41						
	Black Cherry	20	Pole	6							
02	4131 - As	spen, Oak		Sapling	g Well	23.5	6	1-50	N/A		Stand treated timber sale #63-037-12-01, "Geezer Oak".
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
Bla	ck/Red (Hybrid) Oak	25	Sapling	1	6		ite Oak	Low	< 5 feet	Seeding	
	White Oak	7	Log/Pole	10	95	Re	ed Pine	Low	10 - 20 feet	Sapling	
	Red Oak	3	Log	14		Re	d Maple	Low	5 - 10 feet	Sapling	
	Bigtooth Aspen	45	Sapling	1	6						
	White Pine	10	Sapling/Pole	3							
	ck/Red (Hybrid) Oak	10	Log	10							



Stand Level 4 Cover Type Size De		ensity	Acres Stand Age B	Managed S	ite	General Comments				
103	42110 - Plar	nted Red P	Pine Po	letimb	er Well	1.7 62	111-140	N/A		Stand treated timber sale #63-045-12-01, "RPZ".
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Canopy Species	Density	Avg. Height	Size	
Blac	ck/Red (Hybrid) Oak	5	Pole/Log/Sap	7		Beech	Low	< 5 feet	Sapling	
	White Oak	5	Pole/Log	8		White Pine	Low	< 5 feet	Sapling	
	Red Pine	90	Pole/Log	8	62	White Oak	Low	Variable	Sapling	
106	3102	- Grass	I	Nonsto	ocked	1.8 lı	mmature	Managed Op	pening	
107	4191 - Mixed Upla Co	ınd Decidu nifer	ous with Po	letimb	er Well	46.1 41	81-110	N/A		
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Canopy Species	Density	Avg. Height	Size	
	White Oak	15	Pole/Sapling	6	41	Witch Hazel	Medium	5 - 10 feet	Tall Shrub	
	Bigtooth Aspen	15	Pole	6	41			1	1	
Blac	ck/Red (Hybrid) Oak	20	Pole/Sapling	6	41					
	Jack Pine	40	Pole	6	41					
	Black Cherry	5	Sapling/Pole	4	41					
	Red Maple	5	Pole	6						
108	4112 - Maple,		nerry Sa	pling I	Medium	46.3 5 li	mmature	N/A		1/15/20: Stand has heavy red maple regeneration over-topping the
	Asso	ciation						14/1		planted red pine. Red maple is ~10 feet tall and covers most of the sta
	Canopy Species		Size Class	DBH	I Age	Sub-Canopy Species	Density	Avg. Height	Size	planted red pine. Red maple is ~10 feet tall and covers most of the sta Without release spray we will lose much of the planted red pine. Stand
			Size Class Sapling	1	Age 5	Sub-Canopy Species Red Pine			Size Sapling	planted red pine. Red maple is ~10 feet tall and covers most of the sta Without release spray we will lose much of the planted red pine. Stand trenched per FTP#C63-732 in June 2016 and May 13th, 2017. Stand treated timber sale #63-045-12-01, "RPZ". Row thinned in 1997. Timl
	Canopy Species	% Cover					Density	Avg. Height		planted red pine. Red maple is ~10 feet tall and covers most of the sta Without release spray we will lose much of the planted red pine. Stand trenched per FTP#C63-732 in June 2016 and May 13th, 2017. Stand treated timber sale #63-045-12-01, "RPZ". Row thinned in 1997. Timl sale #630239401. Fire scars on some red pine in the north central pai
	Canopy Species Red Maple	% Cover 90	Sapling	1			Density	Avg. Height		planted red pine. Red maple is ~10 feet tall and covers most of the sta Without release spray we will lose much of the planted red pine. Stand
109	Canopy Species Red Maple Black Cherry Red Oak	% Cover 90 5	Sapling Pole/Sapling Log/Pole	7	5		Density	Avg. Height	Sapling	planted red pine. Red maple is ~10 feet tall and covers most of the sta Without release spray we will lose much of the planted red pine. Stand trenched per FTP#C63-732 in June 2016 and May 13th, 2017. Stand treated timber sale #63-045-12-01, "RPZ". Row thinned in 1997. Timb sale #630239401. Fire scars on some red pine in the north central par
109	Canopy Species Red Maple Black Cherry Red Oak	% Cover 90 5 5 5 - Grass	Sapling Pole/Sapling Log/Pole	1 7 12 Nonsto	5	Red Pine 0.7	Density	Avg. Height < 5 feet	Sapling	planted red pine. Red maple is ~10 feet tall and covers most of the sta Without release spray we will lose much of the planted red pine. Stand trenched per FTP#C63-732 in June 2016 and May 13th, 2017. Stand treated timber sale #63-045-12-01, "RPZ". Row thinned in 1997. Timb sale #630239401. Fire scars on some red pine in the north central par of stand. Stand was trenched in June 2016 and planted May 2017. 1/15/20: Held in previous inventory cycle for age/size class diversity.
	Canopy Species Red Maple Black Cherry Red Oak 3102	% Cover 90 5 5 - Grass	Sapling Pole/Sapling Log/Pole	1 7 12 Nonsto	5 ocked	Red Pine 0.7	Density Full	Avg. Height < 5 feet Managed Op	Sapling	planted red pine. Red maple is ~10 feet tall and covers most of the sta Without release spray we will lose much of the planted red pine. Stand trenched per FTP#C63-732 in June 2016 and May 13th, 2017. Stand treated timber sale #63-045-12-01, "RPZ". Row thinned in 1997. Timl sale #630239401. Fire scars on some red pine in the north central part of stand. Stand was trenched in June 2016 and planted May 2017.
	Canopy Species Red Maple Black Cherry Red Oak 3102	% Cover 90 5 5 - Grass	Sapling Pole/Sapling Log/Pole I in Oak Po	1 7 12 Nonsto	5 ocked	0.7 14.9 98	Density Full 81-110	Avg. Height < 5 feet Managed Op N/A	Sapling Dening Size Sapling	planted red pine. Red maple is ~10 feet tall and covers most of the sta Without release spray we will lose much of the planted red pine. Stand trenched per FTP#C63-732 in June 2016 and May 13th, 2017. Stand treated timber sale #63-045-12-01, "RPZ". Row thinned in 1997. Timl sale #630239401. Fire scars on some red pine in the north central part of stand. Stand was trenched in June 2016 and planted May 2017. 1/15/20: Held in previous inventory cycle for age/size class diversity.
	Canopy Species Red Maple Black Cherry Red Oak 3102 4126 - White, E	% Cover 90 5 5 5 - Grass	Sapling Pole/Sapling Log/Pole I in Oak Pole Size Class	1 7 12 Nonsto	5 ocked	Red Pine 0.7 14.9 98 Sub-Canopy Species	Pensity Full 81-110 Pensity	Avg. Height < 5 feet Managed Op N/A Avg. Height	Sapling Dening Size	planted red pine. Red maple is ~10 feet tall and covers most of the sta Without release spray we will lose much of the planted red pine. Stand trenched per FTP#C63-732 in June 2016 and May 13th, 2017. Stand treated timber sale #63-045-12-01, "RPZ". Row thinned in 1997. Timl sale #630239401. Fire scars on some red pine in the north central pa of stand. Stand was trenched in June 2016 and planted May 2017. 1/15/20: Held in previous inventory cycle for age/size class diversity.
110	Canopy Species Red Maple Black Cherry Red Oak 3102 4126 - White, E Canopy Species Red Maple	% Cover 90 5 5 5 - Grass Black, N. P % Cover 5	Sapling Pole/Sapling Log/Pole In Oak Pole Size Class Pole/Sap/Log	1 7 12 Nonsto	5 ocked	Red Pine 0.7 14.9 98 Sub-Canopy Species Red Maple	Pensity Full 81-110 Pensity Low	Avg. Height < 5 feet Managed Op N/A Avg. Height < 5 feet	Sapling Dening Size Sapling	planted red pine. Red maple is ~10 feet tall and covers most of the sta Without release spray we will lose much of the planted red pine. Stand trenched per FTP#C63-732 in June 2016 and May 13th, 2017. Stand treated timber sale #63-045-12-01, "RPZ". Row thinned in 1997. Tim sale #630239401. Fire scars on some red pine in the north central pa of stand. Stand was trenched in June 2016 and planted May 2017. 1/15/20: Held in previous inventory cycle for age/size class diversity.
110	Canopy Species Red Maple Black Cherry Red Oak 3102 4126 - White, E Canopy Species Red Maple White Oak	% Cover 90 5 5 5 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Sapling Pole/Sapling Log/Pole In Oak Size Class Pole/Sap/Log Pole/Sap/Log	1 7 12 Nonsto	5 cocked	Red Pine 0.7 14.9 98 Sub-Canopy Species Red Maple	Pensity Full 81-110 Pensity Low	Avg. Height < 5 feet Managed Op N/A Avg. Height < 5 feet	Sapling Dening Size Sapling	planted red pine. Red maple is ~10 feet tall and covers most of the sta Without release spray we will lose much of the planted red pine. Stand trenched per FTP#C63-732 in June 2016 and May 13th, 2017. Stand treated timber sale #63-045-12-01, "RPZ". Row thinned in 1997. Tim sale #630239401. Fire scars on some red pine in the north central pa of stand. Stand was trenched in June 2016 and planted May 2017. 1/15/20: Held in previous inventory cycle for age/size class diversity.
110	Canopy Species Red Maple Black Cherry Red Oak 3102 4126 - White, E Canopy Species Red Maple White Oak ck/Red (Hybrid) Oak	% Cover 90 5 5 5 - Grass Black, N. Pi % Cover 5 20 60	Sapling Pole/Sapling Log/Pole In Oak Size Class Pole/Sap/Log Pole/Sap/Log	1 7 12 Nonsto	5 cocked	Red Pine 0.7 14.9 98 Sub-Canopy Species Red Maple	Pensity Full 81-110 Pensity Low	Avg. Height < 5 feet Managed Op N/A Avg. Height < 5 feet	Sapling Dening Size Sapling	planted red pine. Red maple is ~10 feet tall and covers most of the sta Without release spray we will lose much of the planted red pine. Stand trenched per FTP#C63-732 in June 2016 and May 13th, 2017. Stand treated timber sale #63-045-12-01, "RPZ". Row thinned in 1997. Timl sale #630239401. Fire scars on some red pine in the north central pa of stand. Stand was trenched in June 2016 and planted May 2017. 1/15/20: Held in previous inventory cycle for age/size class diversity.



Stand	Level 4 Co	ver Type		Size D	ensity	Acres	Stand Age E	A Range	Managed S	Site	General Comments
111	42111 - Planted Deci	Red Pine, duous	Mixed F	Poletim	oer Well	20.4	47	141-170	N/A		Areas of heavy aspen and oak that are out-competing the red pine in spots.
	Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Maple	5	Pole	6		Wi	tch Hazel	Low	5 - 10 feet	Tall Shrub	
	Bigtooth Aspen	5	Pole	6				<u> </u>		-	
Blac	k/Red (Hybrid) Oak	18	Pole	6							
	White Pine	2	Pole	7							
	Red Pine	70	Pole/Log	8	47						
112	4139 - Aspen, I	/lixed Deci	duous	Saplin	g Well	37.2	15	Immature	N/A		Stand treated timber sale #630270201, "Devil's Corner Hardwoods".
	Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Some steep hills.
	Red Maple	30	Sapling	2	15	Black	Raspberry	Low	< 5 feet	Tall Shrub	Come steep time.
	Bigtooth Aspen	50	Sapling	2	15					-	
Blac	k/Red (Hybrid) Oak	5	Sapling	1	15						
	White Pine	10	Pole	6							
	White Oak	5	Sapling	2							
113	42100 - Plant	ed White F	Pine F	Poletim	per Well	12.2	37	171-200	N/A		1/15/20: Planted white pine which has stagnated. Tops are damaged
	Canopy Species	% Cover	Size Class	DBI	H Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	from weevil and porcupine. Most don't have more than three sticks. Probably won't gain any more volume from thinning. Very clean
	White Pine	95	Pole/Log	8	37	W	hite Oak	Low	Variable	Sapling	understory.
	Red Maple	2	Pole	8							Oter differential in 4000 with the bornels. Headon adversarial to release
	White Oak	3	Pole	8							Stand treated in 1993 with timber sale. Hardwood removed to release white pine.
115	4199 - Other Mixed	d Upland D	eciduous S	Sapling	Medium	37.9	5	1-50	N/A		Stand treated timber sale #63-031-12-01, "Horse Apples".
	Canopy Species	% Cover	Size Class	DBI	l Age						
Blac	ck/Red (Hybrid) Oak	20	Sapling	1							
	Bigtooth Aspen	25	Sapling	1	5						
	Red Maple	10	Sapling	1							
	Black Cherry	20	Sapling	1							
	White Oak	5	Log	10							
Blac	ck/Red (Hybrid) Oak	5	Log	10							
	,	4.0	Sapling	1							
	White Oak	10	Cupinig								
	White Oak White Pine	5	Pole/Log	8							
116		5	Pole/Log		g Well	45.2	6	1-50	N/A		Stand treated timber sale #63-003-12-01, "Baldwin Three". Clearcut all
116	White Pine	5 lack, N. Pi	Pole/Log	8 Saplin	g Well	45.2	6	1-50	N/A		
116	White Pine 4126 - White, B	5 lack, N. Pi	Pole/Log n Oak	8 Saplin	H Age	45.2	6	1-50	N/A		trees 2" DBH or greater EXCEPT oak under 4.5" DBH and green ringed
	White Pine 4126 - White, E	5 lack, N. Pi **Cover** 20	Pole/Log n Oak Size Class	8 Saplin DBI	H Age	45.2	6	1-50	N/A		trees 2" DBH or greater EXCEPT oak under 4.5" DBH and green ringed
Blac	White Pine 4126 - White, B Canopy Species ck/Red (Hybrid) Oak	5 lack, N. Pi **Cover** 20	Pole/Log n Oak Size Class Log	8 Saplin DBI	H Age	45.2	6	1-50	N/A		trees 2" DBH or greater EXCEPT oak under 4.5" DBH and green ringed

Compartment: 14

Year of Entry: 2022

Stand 117 4226	Level 4 Co	over Type	S	Size De	nsity	Acres	Stand Age B	A Range	Managed S	Site	General Comments
117	42260 - Natural Pir	ne, Mixed [Deciduous Po	oletimb	er Well	7.3	58	81-110	N/A		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Bigtooth Aspen	10	Sapling/Pole	4		W	hite Oak	Medium	< 5 feet	Sapling	
	Red Pine	25	Pole	7							-
	Black Cherry	5	Sapling/Pole	4							
Blac	ck/Red (Hybrid) Oak	15	Log/Pole	12							
	White Oak	10	Log/Pole	10							
	White Pine	35	Pole/Log/Sap	9	58						
119	4124 - Red v	vith White	Oak S	awtimb	er Well	5.3	97	81-110	N/A		Leave for mast and age class diversity.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	White Oak	40	Log/Pole	12		WI	nite Pine	Low	5 - 10 feet	Sapling	
	Red Oak	50	Log/XLog	14	97	Bla	ck Cherry	Low	5 - 10 feet	Sapling	
	White Pine	5	Log/Pole	12		Wit	ch Hazel	Low	5 - 10 feet	Tall Shrub	
	Red Maple	5	Log/Pole	10						'	
121	4310 - Pir	ne, Oak Miz	x Po	oletimb	er Well	2.5	49	111-140	N/A		White pine plantation. Rows are somewhat straight. Almost 1/2 BA
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	comes from pulp to log oak stems.
	White Oak	15	Pole/Log	9		W	hite Oak	Low	< 5 feet	Sapling	
Blac	ck/Red (Hybrid) Oak	30	Pole/Log	9						'	
	White Pine	55	Pole/Sap/Log	7	49						
122	42121 - Planted Deci	Jack Pine, duous	Mixed	Saplinç	ı Well	21.8	26	141-170	N/A		Stand treated 1994, timber sale #630199201. Area trenched in Aug. 1995 then hand planted with two year old jack pine seedlings in May
	Canopy Species	% Cover	Size Class	DBH	Age						1996. FTP#C63-434.
	Jack Pine	80	Sapling/Pole	4	26						
	Black Cherry	2	Sapling/Pole	3							
	Bigtooth Aspen	5	Sapling/Pole	4							
Blac	ck/Red (Hybrid) Oak	10	Sapling/Pole	4							
124	42111 - Planted Deci	duous			er Well	26.6	62	141-170	N/A		1/13/20: Variable stand with pockets of hardwoods starting to appear between pine.Stand treated timber sale #63-045-12-01, "RPZ".
	Canopy Species		Size Class	_	Age		nopy Species	Density	Avg. Height	Size	FTP from 1976 states "Red Pine plantation, 50% failures replanted in
	Red Maple	10	Pole/Sap/Log	6			ed Maple	Medium	< 5 feet	Sapling	1962" & "Two distinct ages, prune 60% total height of older red pine or
	Bigtooth Aspen	5	Pole/Sapling	5			oth Aspen	Low	< 5 feet	Sapling	usually to 9 to 11 feet height. Crop trees spaced 20' X 20' average, wh
	Red Pine	75	Pole/Log	8	62		hite Oak	Medium	Variable	Sapling	available."
	White Oak	5	Pole/Log	8		R	ed Oak	Low	Variable	Sapling	
125	3102	- Grass		Nonsto	ocked	6.6	Uı	nspecified	Managed Op	pening	wildlife opening

8

6

Red Oak

White Pine

Pole/Log

Pole/Sap/Log

Compartment: 14 Year of Entry: 2022



											DNR DNR
Stand	Level 4 Ce	over Type	Si	ize De	ensity	Acres	Stand Age B	BA Range	Managed \$	Site	General Comments
126	42110 - Plai	nted Red F	Pine Sa	wtimb	er Well	5.3	65	111-140	N/A		Stand treated 1993 timber sale #630290201. FTP from 1976 states "R
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Pine plantation, 50% failures replanted in 1962." Also, "Two distinct ages, prune 60% total height of older r. pine only, usually to 9 1o 11 fee
	White Oak	3	Log	14		Re	d Maple	High	10 - 20 feet	Sapling	height. Crop trees spaced 20' X 20' average, where available."
	Bigtooth Aspen	2	Pole/Log	8		W	hite Oak	Low	< 5 feet	Sapling	
	Red Pine	90	Log/Pole	12	65			'			
	Black Cherry	3	Pole/Log	8							
	Red Maple	2	Log/Pole	14							
127	4199 - Other Mixe	d Upland [Deciduous Po	letimb	er Well	40.0	36	81-110	N/A		
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Maple	10	Pole	7	36	WI	nite Pine	Low	< 5 feet	Sapling	
	White Oak	30	Pole	6	36	Wit	ch Hazel	Low	5 - 10 feet	Tall Shrub	
	Bigtooth Aspen	30	Pole	7	36						1
Blac	ck/Red (Hybrid) Oak	23	Pole	7	36						
	White Pine	5	Log/Pole	12							
	Red Pine	2	Log	14							
128	4131 - A	spen, Oak	x Po	letimb	er Well	37.8	57		N/A		2020: Some very low, hummocky wet areas in stand. Heavier to oaks ar
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	maples in southern part of stand.
	Red Maple	10	Pole/Log/Sap	8		Re	d Maple	Medium	10 - 20 feet	Sapling	2010: Some large white oak, black oak, black cherry, and red maple left
	White Oak	5	Log/Pole	10		l	Beech	Low	5 - 10 feet	Sapling	over from previous cut.
	Bigtooth Aspen	55	Pole/Log	9	57						
Blac	ck/Red (Hybrid) Oak	25	Log/XLog/Pole	12							
	Black Cherry	3	Log/Pole/XLog	10							
	Red Pine	2	Pole/Log	9							
129	42111 - Planted Deci	Red Pine	, Mixed Pole		r Mediun	n 19.9	56	81-110	N/A		
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	White Pine	10	Pole/Log	8		W	hite Oak	Low	< 5 feet	Sapling	
	Red Pine	65	Pole/Log/Sap	7	56	Black/Re	d (Hybrid) Oak	Medium	Variable	Sapling	
	Black Cherry	5	Pole/Sapling	5							
Blac	ck/Red (Hybrid) Oak	20	Pole/Sapling	7							
131	4123 -	Red Oak	Sa	wtimb	er Poor	24.9	80	1-50	N/A		2020: Red maple stump sprouting heavily. Overall regen isn't great but
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	better than stand to the south.
	Red Oak	75	Log/Pole/XLog	10	80	Re	d Maple	Medium	10 - 20 feet	Sapling	Stand treated timber sale #63-035-12-01, "Phantom Mask". Cut in ~201
	14/11/2		5 . "						- 4	0 "	1

Medium

Low

< 5 feet

5 - 10 feet

Sapling

Sapling

15

10

White Oak

White Pine



Compartment: 14

	O.	4 Cover Type				sity Acres Stand Age BA Range Managed Site				Year of Entry: 2022	
Stand	Level 4 Co	over Type	!	Size De	nsity	Acres	Stand Age	BA Range	Managed S	Site	General Comments
132	42120 - Plar			Sapling		41.4	24	Immature	N/A		2020: Low vigor planted jack pine with scattered red and white pine in overstory, and patches of oak along roads.
	Canopy Species		Size Class		I Age						
	White Pine	3	Log/Pole	10							2010: Pocket of sapling aspen & cherry brush in west-center of stand.
	Red Pine	2	Log/Pole	10							Previous OI Comment: Cut in 1994, Sale #630199201. Area trenched in
D	Jack Pine	90	Sapling/Pole		24						Aug of 1995. Hand planted by crew with two year old jack pine seedlings
Black	k/Red (Hybrid) Oak	5	Sapling/Pole	3							in May 1996 (FTP #C-63-437). Small strip of uncut J5 on east side of stand.
133	4130	- Aspen	F	Poletimb	er Well	4.7	31	Unspecified	N/A		
(Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Specie	s Density	Avg. Height	Size	
	Red Maple	5	Pole	6		Wh	nite Pine	Trace	< 5 feet	Sapling	
Е	Bigtooth Aspen	85	Pole/Sapling	6	31	Blad	ck Cherry	Low	< 5 feet	Sapling	
Black	/Red (Hybrid) Oak	3	Log	12		Hawt	horn (spp.)	Low	5 - 10 feet	Tall Shrub	
	Red Pine	2	Log	12		WI	nite Oak	Low	10 - 20 feet	Sapling	
	Black Cherry	5	Pole/Sapling	5		Black/Re	d (Hybrid) Oa	k Low	10 - 20 feet	Sapling	
134	4131 - A Canopy Species	spen, Oak	Size Class	Sapling	y Well I Age	27.5	7	1-50	N/A		Stand treated timber sale #63-005-12-01, "Southwest 14".
	Red (Hybrid) Oak	15	Log	12	90						
Diaoi	White Oak	5	Pole/Log	8	30						
	Red Pine	2	Pole/Log	8							
	White Pine	3	Pole/Sap/Log	5							
Е	Bigtooth Aspen	50	Sapling	1	7						
	Red Maple	25	Sapling	1							
135	4126 - White, E	Black, N. Pi	n Oak	Sapling	g Well	24.6	5	1-50	N/A		Timber sale #63-034-12-01, "Horse Apples".
(Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size	
	White Oak	12	Log	10		Re	d Maple	Low	5 - 10 feet	Sapling	
Black	/Red (Hybrid) Oak	20	Log	12	97	Wh	nite Pine	Low	< 5 feet	Sapling	
	White Pine	2	Log/Pole	10		Blad	ck Cherry	Medium	5 - 10 feet	Sapling	
	Red Pine	1	Log/Pole	10		Bigto	oth Aspen	Low	5 - 10 feet	Sapling	
	White Oak	35	Sapling	1	5						-
Black	k/Red (Hybrid) Oak	30	Sapling	1	5						
136	42110 - Plai	nted Red P	ine F	oletimb	er Well	33.3	35	111-140	N/A		Previous Inventory Notes: Pockets of good oak regen. Plow lines from
- (Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Specie	s Density	Avg. Height	Size	illegal wildfire can be seen. Some scorch damage on trees.
	Red Pine	90	Pole	7	35	WI	nite Oak	Medium	< 5 feet	Sapling	

Medium

Medium

Variable

5 - 10 feet

Sapling

Sapling

Black/Red (Hybrid) Oak

Pole/Sapling

10

Black/Red (Hybrid) Oak

Black Cherry



Stand	26.			Size De	nsity	Acres	Stand Age B	A Range	Managed S	Site	General Comments
138	6239 - Mixed E	mergent W	etland	Nonsto	cked	6.7	0		No		
						Sub-Ca	nopy Species	Density	Avg. Height	Size	
						Wł	nite Pine	Medium	10 - 20 feet	Sapling	
139	4199 - Other Mixed	d Upland D	eciduous	Sapling	ı Well	19.3	7	1-50	N/A		Timber sale #63-034-12-01, "Horse Apples".
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	White Oak	8	Pole/Log	8		Wł	nite Pine	Low	5 - 10 feet	Sapling	
Blacl	k/Red (Hybrid) Oak	20	Log	10	92	R	ed Pine	Low	5 - 10 feet	Sapling	
	White Pine	2	Pole/Log	8							ı
Blacl	k/Red (Hybrid) Oak	25	Sapling	1	7						
	Red Maple	45	Sapling	1	7						
140	4310 - Pir	ne, Oak Mi	x P	Poletimb	er Well	10.9	85	1-50	N/A		Stand treated timber sale #63-005-12-01, "Southwest 14".
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	White Oak	8	Log/Pole	10		WI	hite Oak	Low	< 5 feet	Sapling	
Blacl	k/Red (Hybrid) Oak	20	Log/Pole	12		Wh	nite Pine	Medium	Variable	Sapling	
	White Pine	40	Pole/Log	9	85	Blad	ck Cherry	Low	< 5 feet	Sapling	
	Red Pine	2	Pole	5							-
	Red Maple	30	Sapling	1	7						
142	4125 - Blac	k, N. Pin C	oak S	Sawtimb		3.9	90	1-50	N/A		Stand treated timber sale #63-035-12-01, "Phantom Mask".
	Canopy Species		Size Class		Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
Black	k/Red (Hybrid) Oak	95	Log/Pole	12	90		ed Maple	Low	Variable	Sapling	
	Black Cherry	5	Pole/Log	9		Bigto	oth Aspen	High	5 - 10 feet	Sapling	
						Wh	nite Pine	Medium	5 - 10 feet	Sapling	
143	6112 - Lov	vland Aspe	en P	Poletimb	er Well	60.5	46		N/A		
	Canopy Species	% Cover	Size Class	DBH	Age						
E	Bigtooth Aspen	85	Pole	7	46						
Blacl	k/Red (Hybrid) Oak	5	Pole	5							
	White Pine	10	Log/Pole/XLog	g 12							
144	4119 - Mixed No			Sapling	Well	36.6	5	1-50	N/A		1/13/20: Red maple regen is very patchy, overall regen isn't great in this stand.
	Canopy Species		Size Class		Age		nopy Species	Density	Avg. Height	Size	otario.
	White Pine	5	Pole/Sap/Log			Wh	nite Pine	Low	5 - 10 feet	Sapling	Stand treated timber sale #63-035-12-01, "Phantom Mask". Cutting
	White Oak	5	Pole/Log/Sap			E	Beech	Low	< 5 feet	Sapling	completed ~2014.
	Red Oak	25	Log/XLog/Pole	e 12	80						
	Red Maple	65	Sapling	1	5						

Cadillac Mgt. Unit Report 7 – Stands



Stand	Level 4 Cover Type			Size Density			Stand Age B	A Range	Managed S	Site	General Comments
145	4310 - Pine, Oak Mix		x Po	Poletimber Well		14.2	66	81-110	N/A		Very sparsley stocked in some areas. Illegal burn in part of stand. Fire
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Car	nopy Species	Density	Avg. Height	Size	name: Lake #6-09, March 24, 2009.
	White Oak	20	Pole/Log	8		Wite	ch Hazel	Low	< 5 feet	Tall Shrub	
	Bigtooth Aspen	5	Pole	6		Wh	ite Pine	Low	Variable	Sapling	
Blad	ck/Red (Hybrid) Oak	15	Log/Pole	10							
	White Pine	35	Pole/Log	8	66						
	Jack Pine	10	Pole/Log	8	66						
	Black Cherry	5	Pole/Log	8							
	Red Maple	5	Pole/Log	8							
	Red Pine	5	Pole/Log	8							
146	6 4136 - Aspen, Mixed Conifer Poletimbe			er Well	3.8	55		N/A		1/13/20: Steep drainage with mature aspen on the slopes leading down	
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Car	nopy Species	Density	Avg. Height	Size	to a small hemlock/cedar floodplain.
	Red Maple	15	Pole	6		Е	Beech	Low	< 5 feet	Sapling	
	Yellow Birch	5	Log/Pole	10		Musclewo	ood/Hornbeam	Low	5 - 10 feet	Sapling	
	White Pine	5	Log/XLog/Pole	14		Re	d Maple	Low	5 - 10 feet	Sapling	
	Hemlock	10	Log/Pole/XLog	12	97						
No	rthern White Cedar	10	Log/Pole	12							
	Bigtooth Aspen	55	Pole/Log	9	55						
147	4130 - Aspen			Poletimber Well		20.7 42			N/A		Stand treated in 1978. Stand is a mix of good and poor regeneration. — East side of stand has the least amount of regen but the regen that is
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Car	nopy Species	Density	Avg. Height	Size	there is the same as the rest of stand.
	Bigtooth Aspen	90	Pole	7	42	Black/Red	d (Hybrid) Oak	Low	< 5 feet	Sapling	
	Jack Pine	10	Pole/Sapling	6		Blac	k Cherry	Low	5 - 10 feet	Sapling	
150	6129 - Mixed Co Fo	oniferous Lo orest	owland Pole	etimbe	r Mediur	m 7.1	80	51-80	N/A		Surrounded by hemlock and pine trees.
	Canopy Species	% Cover	Size Class	DBH	I Age						
	Hemlock	60	Pole/Log	8	80						
	White Pine	40	Pole/Log	8							
151					Medium	3.8	7	1-50	N/A		2020: Patchy regen overall with some pockets heavy to aspen and som areas barren & grassy.
	Canopy Species	% Cover	Size Class		I Age						areas parreir a grassy.
	Red Pine	10	Log	12	95						Timber sale #63-034-12-01, "Horse Apples".
	Bigtooth Aspen	75	Sapling	1	7						
	Black Cherry	5	Sapling	1	7						
	White Pine	10	Pole/Log/Sap	9							



Stand	Level 4 Cover Type		s	Size Density		Acres Stand Age BA		A Range	Managed Site		General Comments
152	4199 - Other Mixed Upland Deciduous		eciduous S	Sapling Well		87.2	15	1-50	N/A		2010: Stand had red maple removed previously in SE portion of stand,
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	but no records could be found of cut. Lots of red maple stump sprouts.
	Red Oak	20	Log/XLog/Pole	12	90	W	nite Pine	Medium	5 - 10 feet	Sapling	Previous Inventory Comments: Stand treated timber sale #630350201,
	White Oak	8	Pole/Log	9							"Almost Slipped By". Sale completed in 2005. Stand in process of
	White Pine	2	Pole	6							regeneration.
	Red Maple	45	Sapling/Pole	2	15						
1	Bigtooth Aspen	25	Sapling	2	15						
153	4199 - Other Mixe	d Upland D	eciduous S	Sapling	g Well	27.5	15	1-50	N/A		2020: Stand regenerating well with mix of aspen and red maple.
	Canopy Species	% Cover	Size Class	DBH	I Age						Stand treated timber sale #630350201, "Almost Slipped By". Sale
	Red Maple	5	Log	10	90						completed in 2005. Stand in process of regeneration.
	Red Maple	25	Sapling	2	15						
	Red Oak	5	Sapling	2	15						
	Red Oak	25	Log	10	90						
	White Oak	5	Pole/Log	9	90						
	Bigtooth Aspen	35	Sapling	2	15						
154	4131 - A	4131 - Aspen, Oak Pol			er Well	30.8	55		N/A		1/13/20: Dead ash throughout stand. Flowing water through center
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	between lowland conifers to the east and west.
	Red Maple	10	Pole/Sap/Log	6	55	Re	d Maple	Low	< 5 feet	Sapling	
	Red Oak	15	Log/XLog/Pole	12	55	W	nite Pine	Low	5 - 10 feet	Sapling	
	White Oak	10	Log/Pole/XLog	10	55						
	Bigtooth Aspen	65	Pole/Log	8	55						
155	6128 - Lowland (Coniferous	, Mixed Sa	wtimb	er Well	5.6	86		N/A		1/13/20: Flowing water thru stand. Ash has died.
	Deci	auouo									
	Canopy Species	% Cover	Size Class	DBH	I Age						
			Size Class Pole	DB H	I Age						
	Canopy Species	% Cover		_	I Age						
	Canopy Species Red Maple	% Cover 25	Pole	7	Age 86						
	Canopy Species Red Maple Yellow Birch	% Cover 25 10	Pole Pole	7							
156	Canopy Species Red Maple Yellow Birch White Pine Hemlock	% Cover 25 10 35	Pole Pole Log/Pole Pole/Log	7 7 12	86	2.3	0		Managed Op	pening	1/13/20: Managed opening with pond in the middle. Mixture of red oak,
156	Canopy Species Red Maple Yellow Birch White Pine Hemlock	% Cover 25 10 35 30	Pole Pole Log/Pole Pole/Log	7 7 12 9	86		0 nopy Species	Density	Managed Op	Size	1/13/20: Managed opening with pond in the middle. Mixture of red oak, red maple, and white oak surround pond. Some planted shrubs in opening.
156	Canopy Species Red Maple Yellow Birch White Pine Hemlock	% Cover 25 10 35 30	Pole Pole Log/Pole Pole/Log	7 7 12 9	86	Sub-Ca		Density Low			red maple, and white oak surround pond. Some planted shrubs in
156	Canopy Species Red Maple Yellow Birch White Pine Hemlock	% Cover 25 10 35 30	Pole Pole Log/Pole Pole/Log	7 7 12 9	86	Sub-Ca	nopy Species		Avg. Height	Size	red maple, and white oak surround pond. Some planted shrubs in



Stand	Level 4 Cover Type 4124 - Red with White Oak			Size Density Poletimber Well		Acres Stand Age		BA Range	Managed Site		General Comments
157						25.2	90	51-80	N/A		1/13/20: Grove of heavy white pine regen in NE corner of stand.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	2010: Stand had red maple removed previously but no records could be
	Red Oak	60	Log/Pole/XLog	og 12	90	Red Maple		High	10 - 20 feet	Sapling	found of cut. Lots of red maple stump sprouts. Quality of stands lessens
	White Oak	25	Log/Pole/XLog	10		Wh	nite Pine	Medium	5 - 10 feet	Sapling	slightly in the north of stand.
	White Pine	15	Pole/Sapling	6		Quak	ing Aspen	Low	10 - 20 feet	Sapling	
158	500 -	- Water		Nonsto	ocked	1.1			No		
160	42110 - Planted Red Pine			Poletimber Well		7.6	55	141-170	N/A		Dieback pocket on western edge of stand.Row thinned in 1997. Timber sale #630239401.
	Canopy Species	% Cover	Size Class	DBH	l Age						Timber Sale #030239401.
	Red Pine	95	Pole/Log	9	55						
	Black Cherry	5	Pole	9							