



Compartment Review Presentation

Cadillac Forest Management Unit

Compartment 63124

Entry Year 2024

Acreage: 2,034

County Missaukee

Management Area: Manistee River Valley

Stand Examiner: Blair Tweedale

Legal Description:

T24N, R7W, Sections 3, 4, 5, and 6

Identified Planning Goals:

Vegetation management in the Manistee River Valley Management Area will provide timber products; maintain or enhance wildlife habitat; protect areas of unique character including the Manistee River and its tributaries, a designated natural river; threatened, endangered and special concern species; and provide for forest-based recreational uses. Timber management for this 10-year planning period includes continuing aspen management to maintain early successional habitat for hunting and other wildlife-related recreational opportunities; increasing regeneration of oak; focusing on balancing the red pine age class structure through final harvests and re-planting; and on improving red pine quality through partial harvests. Expected trends within this 10-year planning period are increased recreational pressure, especially on the established trails and along the Manistee River and its tributaries; an increased wildland/urban interface and a need to restore barrens communities through prescribed fire; and invasive plant control.

Soil and topography:

Mostly Rubicon and Kalkaska sands. Terrain is rolling and hilly but levels out near streams and tributaries.

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

Mix of state and private parcels. Sections 3 and 6 are solid state ownership. Sections 4 and 5 have various private parcels with land locked state 40's. The NWNE of section 5 is listed as a possible disposal.

Unique Natural Features:

Potential for goshawk and red shouldered hawk. Turtle potential along creeks.

Archeological, Historical, and Cultural Features:

No previously reported archaeological sites occur in 2024 treatment stands but due to lack of survey we cannot rule out their presence. Proceed with caution and employ unanticipated discovery plan if sites, artifacts or suspicious bone are found.

Special Management Designations or Considerations:

The compartment has some very steep and hilly areas. Riparian zones should be noted and buffered if activity is to occur near them. Some of the lower quality oak/aspen areas may be suitable to some pine planting.

Watershed and Fisheries Considerations:

Wildlife Habitat Considerations:

Mineral Resource and Development Concerns and/or Restrictions

No known potential exists for commercial metallic mineral production in this part of the state. The nearest active sand/gravel pit is just over two miles to the southeast. There appears to be good potential for sand & gravel within the compartment. There has been sparse well drilling in the area. There was past production from the Traverse Formation to the east, and one well completed in the recent past in the Collingwood Formation within the compartment. The Collingwood has not been proven as a commercially viable play in Michigan, and future potential for additional Collingwood wells is considered low at this time. There may be potential for future exploration and development of Devonian carbonates beneath the compartment, and State-owned mineral rights in Sec 3 and to the east are currently nominated for the next oil & gas lease auction.

Vehicle Access:

A forest road access plan is detailed on the compartment map. Identified are state and county roads as well as forest roads and trails under the jurisdiction of the DNR. Also indicated are forest roads and trails under the jurisdiction of the

DNR that are proposed for abandonment. These roads were determined to be in excess of the access needs in the area, are a threat to the resources, or are a concern environmentally.

Survey Needs:

Recreational Facilities and Opportunities:

Fire Protection:

Access to this compartment can be from the Cycle trail, ORV route, forest roads or local county road and state highway. Most terrain and soils would not limit most suppression units. Residential use by recreationalists may increase the potential of wildfires (BET 8-1-12)

Additional Compartment Information:

The following reports from the Inventory are attached:

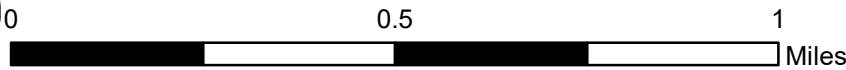
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

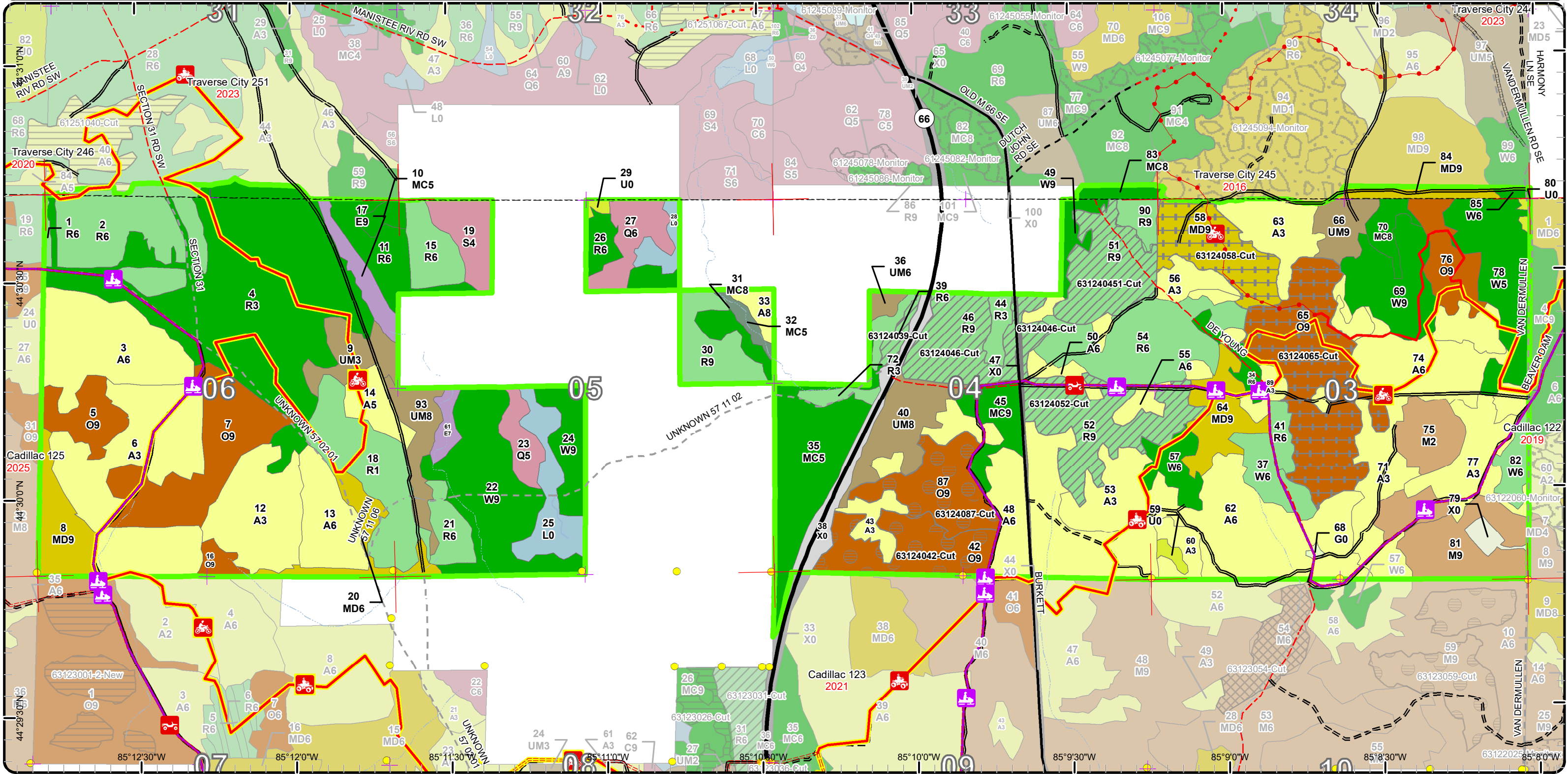
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 124
 T24N, R07W, Sec. 3-6
 County: Missaukee
 Unit: Cadillac
 Mgmt Area: Manistee River Valley
 YOE: 2024
 Acres: 2034.4 GIS Calculated
 Examiner: Blair Tweedale
 Map Revised: 10/4/2022
 Map Phase: Post- Review

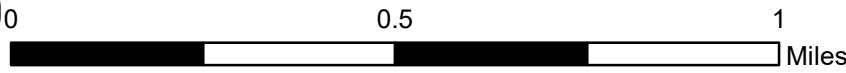


- Miris Corners
- Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State Highway
- Federal / State / County - Paved Road
- Federal / State - Dirt / Gravel Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Motorcycle Trails (DNR License)
- MCCCT Trails
- ORV Trails
- ORV Routes
- Snowmobile Trails
- ORV License & Trail Permit
- Designated ATV Trails
- Designated ORV Route
- Designated Snowmobile Trails
- Michigan Cross Country Cycle Trail (MCCCT)
- Intermittent Stream
- Perennial River
- Pipeline
- Compartment Boundary
- Harvest, Overstory Removal
- Patch/Strip Cut (Femelschlag)
- Thinning (Crown, Low, Systematic)
- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 110 - Low Intensity Urban
- 122 - Roads/Parking Lot
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 622 - Lowland Shrub
- 790 - Other Bare/Sparsely Vegetated

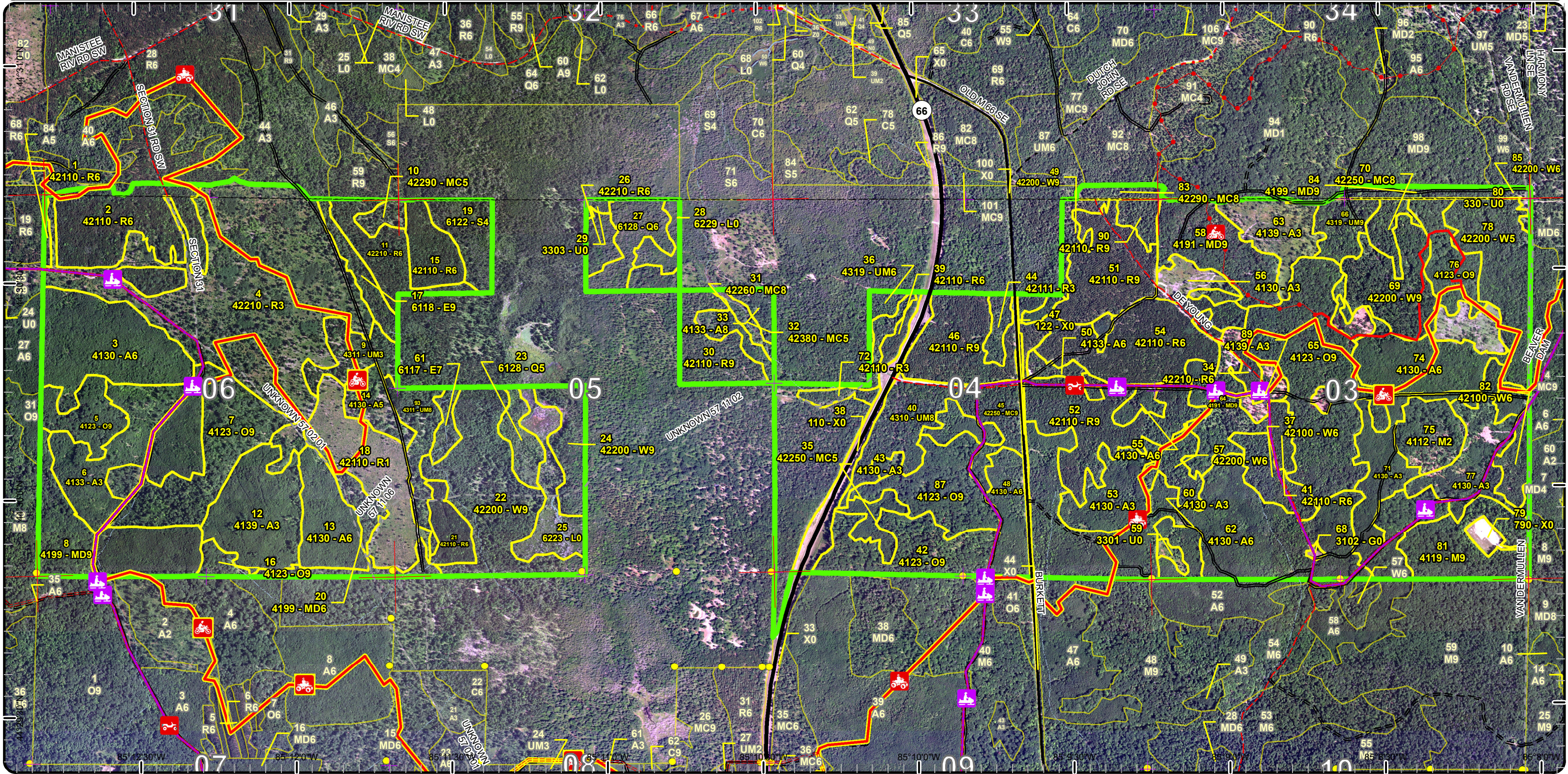


Stand Boundary Map

Compartment: 124
 T24N, R07W, Sec. 3-6
 County: Missaukee
 Unit: Cadillac
 Mgmt Area: Manistee River Valley
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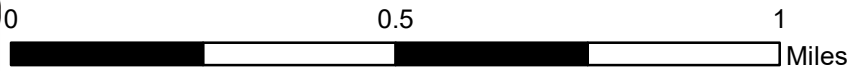


- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
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- County - Gravel Road
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- Private - Dirt / Gravel Road
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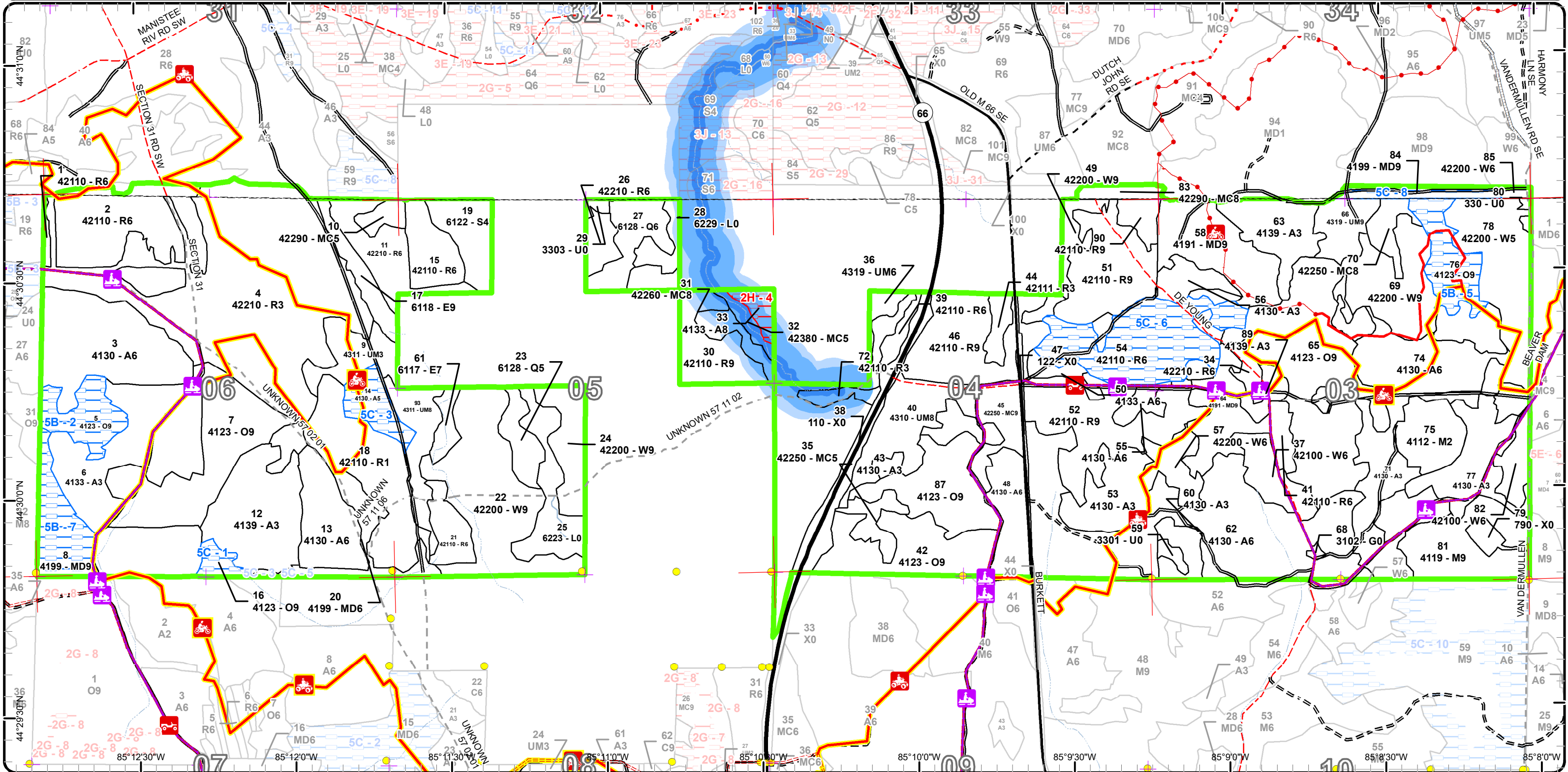


Special Conservation Areas

Compartment:
 T24N, R07W, Sec. 3-6
 County:
 Unit:
 Mgmt Area:
 YOE: 2024
 Acres: 2034.4 GIS Calculated
 Examiner: Blair Tweedale
 Map Revised: 10/4/2022
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- Miris Corners
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- ORV License & Trail Permit
- Designated ATV Trails
- Designated ORV Route
- Designated Snowmobile Trails
- Michigan Cross Country Cycle Trail (MCCCT)
- Intermittent Stream
- Perennial River
- Pipeline
- Compartment Boundary
- Available w/ Constraints
 - 5B: Maintain for regeneration purposes
 - 5C: Delay treatment for age/size class diversity or exceptional site quality
- Unavailable
 - 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- Stand Boundaries
- Natural Rivers Vegetative Buffer
- Natural Rivers Zoning District
- Cold Water Streams
- High Priority Trout Stream Buffer





Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Uneven-Aged	Total
Aspen	0	47	28	167	290	13	0	6	0	0	0	0	0	0	0	0	0	24	575
Bare/Sparsely Vegetated	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Herbaceous Openland	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Low-Density Trees	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Lowland Conifers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	28
Lowland Deciduous	0	0	0	0	0	0	0	17	0	0	0	0	0	0	0	0	0	0	17
Lowland Shrub	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	17	0	0	0	0	0	0	0	0	0	17
Mixed Upland Deciduous	0	0	0	0	0	0	0	38	0	0	56	0	9	0	0	0	0	0	102
Natural Mixed Pines	0	0	0	0	0	0	0	11	8	0	0	0	0	0	0	0	0	76	93
Northern Hardwood	0	0	0	29	0	0	0	0	32	0	0	0	0	0	0	0	0	0	61
Oak	0	0	0	0	0	0	0	0	0	0	190	0	0	0	0	0	0	51	241
Red Pine	0	15	209	0	51	12	0	236	22	0	0	0	0	0	0	0	0	12	556
Upland Conifers	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	4
Upland Mixed Forest	0	0	0	0	0	4	17	0	14	0	0	0	0	0	0	0	0	43	78
Urban	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24
White Pine	0	0	0	0	0	0	0	69	86	33	0	0	0	0	0	0	0	13	201
Total	63	62	237	196	341	29	17	377	179	37	246	0	9	0	0	0	0	247	2036



Report 2 – Treatment Summary

Cadillac Mgt. Unit

Year of Entry: 2024

Acres of Harvest

Compartment 124

Total Compartment Acres: 2,034

Commercial Harvest - 305
 Harvests with Site Condition - 0
 Next Step Harvest - 0
 Habitat Cut - 0

Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overstory Removal	Salvage	Other	Total Acres
Mixed Upland Deciduous	0	0	0	0	0	34	0	0		34
Oak	0	0	69	0	0	78	0	0		147
Red Pine	0	0	0	0	125	0	0	0		125
Total	0	0	69	0	125	112	0	0		305

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	305	0	0	0	0	0	0	0		305
Next Step	0	0	0	0	0	69	0	0		69
Total	305	0	0	0	0	69	0	0		373



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

39	63124039-Cut	4.3	42110 - Planted Red Pine	Poletimber Well	65	171-200	Harvest	Low Thinning	4211 - Planted Red Pine	Even-Aged	No
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Prescription Thin to an average residual BA of 110.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2023

42	63124042-Cut	36.1	4123 - Red Oak	Sawtimber Well	97	81-110	Harvest	Strip/Patch/Gap Cut (Femelschlag)	4199 - Other Mixed Upland Deciduous	Even-Aged	No
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Prescription Patch/Strip cut. Harvest areas should traverse across elevation changes. This should capture areas of high and low red maple competition.

Specs:

Next Step

Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable

Oak dominated with maple

Regen:

Other

oak wilt spec. Rec trail protection

Comment:

Site Condition

Proposed Start Date: 10/1 /2023

51	631240451-Cut	35.0	42110 - Planted Red Pine	Sawtimber Well	64	141-170	Harvest	Low Thinning	4211 - Planted Red Pine	Even-Aged	No
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Prescription Thin to an average residual BA of 110.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2023



Stand Name	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
	46 63124046-Cut	39.4	42110 - Planted Red Pine	Sawtimber Well	64	141- 170	Harvest	Low Thinning	4211 - Planted Red Pine	Even-Aged	No
<u>Prescription</u> Thin to an average residual BA of 110.											
<u>Specs:</u>											
<u>Next Step</u>											
<u>Treatments:</u>											
<u>Acceptable</u>											
<u>Regen:</u>											
<u>Other</u> protect snowmobile trail											
<u>Comment:</u>											
<u>Site Condition</u>											
<u>Proposed Start Date:</u> 10/1 /2023											
	52 63124052-Cut	45.9	42110 - Planted Red Pine	Sawtimber Well	65	141- 170	Harvest	Low Thinning	4211 - Planted Red Pine	Even-Aged	No
<u>Prescription</u> Mark to thin pine to a residual BA of approximately 100.											
<u>Specs:</u>											
<u>Next Step</u>											
<u>Treatments:</u>											
<u>Acceptable</u>											
<u>Regen:</u>											
<u>Other</u> Rows can be difficult to follow in areas. Mark stand with equipment accessibility in mind. Protect snowmobile trail.											
<u>Comment:</u>											
<u>Site Condition</u>											
<u>Proposed Start Date:</u> 10/1 /2023											
	58 63124058-Cut	33.5	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	95	51-80	Harvest	Overstory Removal	4319 - Mixed Upland Forest	Two-Aged	No
<u>Prescription</u> Remove overstory oak and other deciduous. Protect overstory and understory pine to ensure oak-pine mix. Pine may be removed for operability.											
<u>Specs:</u>											
<u>Next Step</u>											
<u>Treatments:</u>											
<u>Acceptable</u> Pine-oak and mixed deciduous											
<u>Regen:</u>											
<u>Other</u> oak wilt spec. Protect recreation trail. Limit pine removal. Should be removed only for operability.											
<u>Comment:</u>											
<u>Site Condition</u>											
<u>Proposed Start Date:</u> 10/1 /2023											
	65 63124065-Cut	78.0	4123 - Red Oak	Sawtimber Well	95	81-110	Harvest	Overstory Removal	4319 - Mixed Upland Forest	Two-Aged	No
<u>Prescription</u> Remove overstory oak and other deciduous. Protect overstory and understory pine to ensure oak-pine mix. Remove pine for operability.											
<u>Specs:</u>											
<u>Next Step</u>											
<u>Treatments:</u>											
<u>Acceptable</u> Pine-oak and mixed deciduous											
<u>Regen:</u>											
<u>Other</u> oak wilt spec. Protect recreation trails. Pine can be removed for operability.											
<u>Comment:</u>											
<u>Site Condition</u>											
<u>Proposed Start Date:</u> 10/1 /2023											



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
87 63124087-Cut	32.5	4123 - Red Oak	Sawtimber Well	97	51-80	Harvest	Strip/Patch/Gap Cut (Femelschlag)	4199 - Other Mixed Upland Deciduous	Even-Aged	No
<p><u>Prescription</u> Patch/Strip cut. Harvest areas should traverse across elevation changes. This should capture areas of high and low red maple competition.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Predominantly oak with maple and other deciduous</p> <p><u>Other Comment:</u> oak wilt spec. Protect recreation trail.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2023</p>										

Total Treatment Acreage Proposed: 304.7

Report 4 – Site Conditions

Cadillac Mgt. Unit
Blair Tweedale : Examiner

Compartment: 124
Year of Entry: 2024

Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	5B	5C	2H
		With Condition	Not Available				
574	556	13	6	Aspen	0	13	6
4	4	0	0	Bare/Sparsely Vegetated			
1	1	0	0	Herbaceous Openland			
5	5	0	0	Low-Density Trees			
28	28	0	0	Lowland Conifers			
17	17	0	0	Lowland Deciduous			
29	29	0	0	Lowland Shrub			
17	17	0	0	Lowland Spruce/Fir			
102	72	30	0	Mixed Upland Deciduous	22	8	
94	94	0	0	Natural Mixed Pines			
61	61	0	0	Northern Hardwood			
240	198	43	0	Oak	38	5	
556	506	51	0	Red Pine		51	
4	4	0	0	Upland Conifers			
77	77	0	0	Upland Mixed Forest			
24	24	0	0	Urban			
200	200	0	0	White Pine			
2,034	1,892	137	6	Total Forested Acres	60	77	6
	93%	7%	0%	Relative Percent			

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

Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
Hold stand until Aspen to the East is ready.							

Report 4 – Site Conditions

Cadillac Mgt. Unit
Blair Tweedale : Examiner

Compartment: 124
Year of Entry: 2024

2	Available	5B: Maintain for regeneration purposes	18	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
3	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	13	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Hold for 10 years. Other stands geographically close may be available as well to compliment this small acreage.							
4	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Available	5B: Maintain for regeneration purposes	20	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	51	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Hold until next inventory cycle. Needs more diameter.							
7	Available	5B: Maintain for regeneration purposes	22	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Cadillac Mgt. Unit
Blair Tweedale : Examiner

Compartment: 124
Year of Entry: 2024

8	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

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
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Comments



Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS

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

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

Conservation Area	Type	Description
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species (e.g., slimy sculpin) to persist from year to year. Coldwater streams in Michigan typically provide these conditions due to substantial contributions of groundwater to their stream flows. Such streams are established by Director's action and designated as trout resources by Fisheries Order 210.
SCA	Riparian Area	A transitional area between aquatic and terrestrial ecosystems in which the terrestrial ecosystem influences the aquatic ecosystem and vice-versa. Because of the unique conditions adjacent to lakes, streams and open water wetlands, riparian areas harbor a high diversity of plants and wildlife. Riparian communities are ecologically and socially significant in their effects on water quality and quantity, as well as aesthetics, habitat, bank stability, timber production, and their contribution to overall biodiversity.
HCVA	Natural Rivers	There are two Natural Rivers datasets which are derived from spatial buffers set from an established and approved distance from the river centerlines. The Natural Rivers Zoning District is a 400 foot buffer for most Natural Rivers. The Vegetative Buffer ranges from 25 to 100 feet.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
1	42110 - Planted Red Pine	Poletimber Well	1.7	60	81-110	N/A			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Pine		100	Pole	6	60	Bigtooth Aspen	Low	5 - 10 feet	Sapling
						Red Maple	Medium	5 - 10 feet	Sapling
2	42110 - Planted Red Pine	Poletimber Well	52.4	60	111-140	N/A			
Canopy Species		% Cover	Size Class	DBH	Age				
Red Pine		100	Pole	8	60				
3	4130 - Aspen	Poletimber Well	69.6	33	171-200	N/A			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple		20	Pole/Sapling	5		Witch Hazel	Low	5 - 10 feet	Tall Shrub
Bigtooth Aspen		80	Pole/Sapling	5	33	Bigtooth Aspen	Low	5 - 10 feet	Sapling
						Red Maple	Low	5 - 10 feet	Sapling
4	42210 - Natural Red Pine	Sapling Well	164.5	14	1-50	N/A			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine		2	Pole/Log	8		Bigtooth Aspen	Low	10 - 20 feet	Sapling
Red Pine		80	Sapling	2	14	Red Pine	High	Variable	Sapling
Red Oak		7	XLog/Log	18	95	Red Maple	Low	10 - 20 feet	Sapling
Bigtooth Aspen		11	Sapling	2	14				
5	4123 - Red Oak	Sawtimber Well	17.7	95	81-110	N/A			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple		10	Pole	6		Beech	Low	5 - 10 feet	Sapling
Red Maple		10	Pole/Log	8		Red Maple	Low	5 - 10 feet	Sapling
Red Oak		80	Log	12	95				
6	4133 - Aspen, Mixed Pine	Sapling Well	37.2	24	Immature	N/A			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple		10	Sapling	3		Red Maple	Low	5 - 10 feet	Sapling
Bigtooth Aspen		70	Sapling	3	24	Bigtooth Aspen	Low	5 - 10 feet	Sapling
Red Pine		20	Sapling	3					
7	4123 - Red Oak	Sawtimber Well	50.8	95	1-50	N/A	oak shelterwood over red maple and oak regeneration		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Oak		100	Log	14	95	Red Maple	High	10 - 20 feet	Sapling
						Bigtooth Aspen	High	10 - 20 feet	Sapling
						Black/Red (Hybrid) Oak	Low	10 - 20 feet	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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8	4199 - Other Mixed Upland Deciduous	Sawtimber Well	22.0	95	81-110	N/A	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Sugar Maple		10	Pole/Log	8		Beech	
Red Maple		20	Pole/Log	8		Black Cherry	
Basswood		5	Log	10		Red Maple	
Beech		5	Pole/Log	8		Witch Hazel	
Bigtooth Aspen		20	Pole/Log	8			
Red Oak		40	Log	14	95		
						Density	Avg. Height
							Size

9	4311 - Pine, Aspen Mix	Sapling Well	16.7	73	1-50	N/A	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Red Maple		10	Sapling	2		Red Maple	
Bigtooth Aspen		35	Sapling	2		Bigtooth Aspen	
Red Pine		45	Log	12	73		
Red Oak		10	Log/Pole	13			
						Density	Avg. Height
							Size

10	42290 - Natural Mixed Pine	Poletimber Medium	5.2	60	51-80	N/A	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
White Pine		50	Pole/Log	8	60	Red Maple	
Red Pine		30	Pole/Log	8		Quaking Aspen	
Quaking Aspen		10	Pole/Sapling	6		White Pine	
Red Maple		10	Pole/Sapling	6			
						Density	Avg. Height
							Size

11	42210 - Natural Red Pine	Poletimber Well	21.1	65	81-110	N/A	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Red Pine		70	Log/Pole	10	65	White Pine	
White Pine		30	Pole/Log	8		Red Maple	
						Density	Avg. Height
							Size

12	4139 - Aspen, Mixed Deciduous	Sapling Well	41.6	24		N/A	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Bigtooth Aspen		50	Sapling	2	24	Red Maple	
Beech		5	Sapling	3		Bigtooth Aspen	
Red Maple		30	Sapling	3			
Red Oak		5	Log	14			
Red Oak		10	Sapling	3			
						Density	Avg. Height
							Size

13	4130 - Aspen	Poletimber Well	48.9	34	171-200	N/A	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Bigtooth Aspen		80	Pole	7	34	Bigtooth Aspen	
Red Maple		20	Pole/Sapling	5		Witch Hazel	
						Red Maple	
						Density	Avg. Height
							Size



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
14	4130 - Aspen	Poletimber Medium	12.6	48	Unspecified	N/A	Low density aspen-maple-oak. Stand has been cut all around it. May have been part of a larger stand at one time.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine		10	Pole/Log	8		Red Maple	Low	< 5 feet	Sapling
Red Maple		20	Pole/Log	8		Bigtooth Aspen	Low	< 5 feet	Sapling
Bigtooth Aspen		60	Pole/Log	8	48	White Pine	Low	5 - 10 feet	Sapling
Red Oak		10	Log/Pole	14					
15	42110 - Planted Red Pine	Poletimber Well	16.0	60	111-140	N/A			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple		10	Pole	6		Red Maple	Low	5 - 10 feet	Sapling
Red Pine		80	Pole/Log	8	60	Red Pine	Low	10 - 20 feet	Sapling
White Pine		10	Pole	8		White Pine	Low	10 - 20 feet	Sapling
16	4123 - Red Oak	Sawtimber Well	5.2	95	81-110	N/A	New stand added.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Basswood		10	Log/Pole	10		Sugar Maple	Low	10 - 20 feet	Sapling
Red Oak		60	Log/Pole	14	95	Beech	Low	< 5 feet	Sapling
White Ash		10	Pole/Log	10					
Sugar Maple		20	Pole/Log	8					
17	6118 - Lowland Deciduous with Cedar	Sawtimber Well	10.8	64	51-80	N/A			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine		10	Log/Pole/XLog	12		Balsam Fir	Low	10 - 20 feet	Sapling
Paper Birch		10	Pole	6		White Pine	Low	5 - 10 feet	Sapling
Balsam Fir		10	Pole/Sapling	5		Alder	Medium	5 - 10 feet	Tall Shrub
Bigtooth Aspen		20	Log/Pole	12		Red Maple	Medium	10 - 20 feet	Sapling
Red Maple		30	Pole/Log	8	64				
Northern White Cedar		20	Pole/Log	8					
18	42110 - Planted Red Pine	Sapling Poor	43.7	12	Immature	N/A			
Canopy Species		% Cover	Size Class	DBH	Age				
Red Pine		90	Sapling	2	12				
Black Cherry		5	Sapling	1					
Red Maple		5	Sapling/Pole	4					
19	6122 - Black Spruce	Poletimber Poor	16.9	70	51-80	N/A			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir		30	Pole	6		Balsam Fir	Medium	5 - 10 feet	Sapling
Paper Birch		10	Pole/Sapling	5		Alder	Full	10 - 20 feet	Tall Shrub
Black Spruce		50	Pole	6	70				
Tamarack		10	Pole/Sapling	5					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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20	4199 - Other Mixed Upland Deciduous	Poletimber Well	15.8	65	81-110	N/A																																			
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21	42110 - Planted Red Pine	Poletimber Well	11.5	48	141-170	N/A										
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22	42200 - Natural White Pine	Sawtimber Well	60.5	75	51-80	N/A																									
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23	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Medium	10.7	95	51-80	N/A	wet																																															
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24	42200 - Natural White Pine	Sawtimber Well	18.2	75	51-80	N/A																									
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25	6223 - Inundated Shrub Swamp	Nonstocked	22.1		Unspecified	No	filer creek																					
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Black Spruce	Low		Pole																									



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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26 42210 - Natural Red Pine Poletimber Well 12.4 75 111-140 N/A no legal access

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Pine	60	Log/Pole	10	75	White Pine	Low	5 - 10 feet	Sapling
Red Maple	10	Pole/Log	8		Red Maple	Low	5 - 10 feet	Sapling
White Pine	20	Log/Pole	10					
Red Oak	5	Log/Pole	14					
Balsam Fir	5	Pole	6					

27 6128 - Lowland Coniferous, Mixed Deciduous Poletimber Well 17.4 60 171-200 N/A New stand added. creek

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	20	Log/Pole	14		Red Maple	Low	10 - 20 feet	Sapling
Red Maple	10	Pole/Log	10		White Pine	Medium	10 - 20 feet	Sapling
Bigtooth Aspen	10	Pole/Log	8		Black Spruce	Low	5 - 10 feet	Sapling
Balsam Fir	30	Pole/Log	8	60	Alder	Medium	5 - 10 feet	Tall Shrub
Black Spruce	10	Pole	6					
Tamarack	10	Pole	6					
Northern White Cedar	10	Pole/Log	8					

28 6229 - Mixed lowland shrub Nonstocked 6.9 0 Unspecified No

29 3303 - Mixed Low Density Trees Nonstocked 1.6 Unspecified No

Sub-Canopy Species	Density	Avg. Height	Size
Conifers	Low		Pole
Deciduous Saplings	Low		Pole
Alder	Medium		Tall Shrub

30 42110 - Planted Red Pine Sawtimber Well 22.1 73 51-80 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Pine	70	Log	14	73	White Pine	Low	5 - 10 feet	Sapling
Red Oak	10	Log/Pole	12		Red Maple	Low	5 - 10 feet	Sapling
White Pine	20	Log/Pole	13		Red Pine	Low	5 - 10 feet	Sapling

31 42260 - Natural Pine, Mixed Deciduous Sawtimber Medium 7.6 70 51-80 N/A treat next year of entry

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	30	Log/Pole	10		White Pine	Medium	10 - 20 feet	Sapling
Red Pine	30	Log/Pole	10	70	Red Maple	Low	5 - 10 feet	Sapling
Red Maple	20	Log/Pole	10					
Red Oak	10	Log	14					
Bigtooth Aspen	10	Log/Pole	10					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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32 42380 - Non Pine Upland Conifer, Mixed Deciduous Poletimber Medium 4.3 80 81-110 N/A creek corridor steep banks

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	30	Pole	6		Red Maple	Low	10 - 20 feet	Sapling
Northern White Cedar	30	Pole/Log	8	80	Balsam Fir	Medium	10 - 20 feet	Sapling
Red Maple	20	Pole/Log	8					
Paper Birch	10	Pole/Log	8					
Quaking Aspen	10	Log/Pole	12					

33 4133 - Aspen, Mixed Pine Sawtimber Medium 5.9 62 51-80 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	10	Pole	6		Balsam Fir	Low	5 - 10 feet	Sapling
White Pine	20	Log/Pole	10		Red Maple	Low	10 - 20 feet	Sapling
Red Oak	5	Log/Pole	12		White Pine	Medium	10 - 20 feet	Sapling
Bigtooth Aspen	50	Log/Pole	10	62				
Red Maple	10	Pole/Log	8					
Red Pine	5	Log/Pole	10					

34 42210 - Natural Red Pine Poletimber Well 6.9 64 141-170 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Oak	10	Log	14		White Pine	Medium	10 - 20 feet	Sapling
White Pine	10	Log/Pole	10					
Red Pine	80	Pole	8	64				

35 42250 - Pine, Oak Poletimber Medium 51.2 62 51-80 N/A Treated with sale 63-032-14-01

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Pine	50	Pole/Log/Sap	8	62	Red Maple	Low	5 - 10 feet	Sapling
Red Oak	30	Log	14		White Pine	Low	10 - 20 feet	Sapling
White Pine	20	Log/Pole	10	62				

36 4319 - Mixed Upland Forest Poletimber Well 3.7 40 111-140 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	45	Pole	8	40	Balsam Fir	Medium	Variable	Sapling
Quaking Aspen	30	Pole	8					
Red Maple	15	Pole/Sapling	6					
Paper Birch	10	Pole	9					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
37	42100 - Planted White Pine	Poletimber Well	14.6	65	111-140	N/A	planted white pine with red pine and oak mixed in.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Red Pine		20	Pole	7	65	White Pine	
White Pine		70	Log/Pole	11	65	Low	
Red Oak		10	Log/Pole	14		< 5 feet	
						Sapling	
38	110 - Low Intensity Urban	Nonstocked	19.7			Managed Opening	m 66
39	42110 - Planted Red Pine	Poletimber Well	4.3	65	171-200	N/A	BA closer to a 200 average
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
White Pine		5	Pole/Log	8		Bigtooth Aspen	
Red Pine		90	Pole/Log	8	65	Low	
Bigtooth Aspen		5	Pole	7		5 - 10 feet	
						Sapling	
40	4310 - Pine, Oak Mix	Sawtimber Medium	25.5	87	51-80	N/A	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
White Pine		15	Log/Pole	10	70	Red Maple	
Red Pine		30	Log/Pole	10		Medium	
Red Oak		55	Log	14	87	Low	
						10 - 20 feet	
						Sapling	
41	42110 - Planted Red Pine	Poletimber Well	6.5	65	111-140	N/A	planted red pine with white pine.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Red Pine		80	Pole	8	65	White Pine	
White Pine		10	Pole/Log	8		Low	
Red Oak		10	Log/Pole	14		< 5 feet	
						Sapling	
42	4123 - Red Oak	Sawtimber Well	36.1	97	81-110	N/A	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Red Oak		80	Log/Pole/XLog	14	97	Red Maple	
White Pine		5	Log	14		High	
Red Pine		5	Log/Pole	12		Medium	
Basswood		10	Log/Pole	10		Low	
						5 - 10 feet	
						Sapling	
						Beech	
						Medium	
						< 5 feet	
						Sapling	
						White Pine	
						Low	
						5 - 10 feet	
						Sapling	
						Common Blackberry	
						Medium	
						< 5 feet	
						Tall Shrub	
						Black Cherry	
						Low	
						5 - 10 feet	
						Sapling	
43	4130 - Aspen	Sapling Well	19.2	26	Immature	N/A	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Bigtooth Aspen		70	Sapling	3	26	Bigtooth Aspen	
Red Oak		5	Sapling	2		Low	
Black Cherry		5	Sapling	3		Low	
Red Maple		20	Sapling	3		Low	
						< 5 feet	
						Sapling	
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																									
44	42111 - Planted Red Pine, Mixed Deciduous	Sapling Well	6.2	4	Immature	N/A																																										
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45	42250 - Pine, Oak	Sawtimber Well	16.5	65	81-110	N/A	may be old plantation has been treated a couple of times good regen in spots																																									
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46	42110 - Planted Red Pine	Sawtimber Well	39.4	64	141-170	N/A	thin stand.																																									
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47	122 - Road/Parking Lot	Nonstocked	4.7			No																																										
48	4130 - Aspen	Poletimber Well	19.5	37	171-200	N/A	Aspen stand. White and red pine compoment located on eastern edge, and open area of white pine to the NE																																									
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49	42200 - Natural White Pine	Sawtimber Well	7.5	70	81-110	N/A	just getting to log size treat next year of entry some low wet areas along edge																																									
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50	4133 - Aspen, Mixed Pine	Poletimber Well	14.6	35	141-170	N/A	mix of aspen, planted pine and natural white pine.																																									
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
51	42110 - Planted Red Pine	Sawtimber Well	35.2	64	141-170	N/A	thin stand.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
White Pine		4	Log	16		Red Maple	
Black/Red (Hybrid) Oak		3	XLog/Log	18		Trace	
Red Pine		93	Log/Pole	10	64	< 5 feet	
						Sapling	
52	42110 - Planted Red Pine	Sawtimber Well	45.9	65	141-170	N/A	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Red Maple		5	Pole/Sapling	5		Witch Hazel	
Red Pine		75	Log/Pole	10	65	Quaking Aspen	
White Pine		20	Log	14		Red Maple	
						Low	
						5 - 10 feet	
						Tall Shrub	
53	4130 - Aspen	Sapling Well	22.5	26		N/A	recently treated
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
White Pine		5	Sapling	2		Red Maple	
Bigtooth Aspen		80	Sapling/Pole	3	26	Bigtooth Aspen	
Red Maple		15	Sapling/Pole	3		White Pine	
						Low	
						< 5 feet	
						Sapling	
54	42110 - Planted Red Pine	Poletimber Well	50.8	38	171-200	N/A	Planted red pine with jack pine and white pine volunteers. Small pocket of aspen with pine.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
White Pine		10	Pole/Sapling	5		Blueberry/Bilberry/Cranberry	
Jack Pine		25	Pole/Sapling	5		Medium	
Red Pine		65	Pole/Sapling	5	38	Variable	
						Tall Shrub	
55	4130 - Aspen	Poletimber Well	5.4	26	171-200	N/A	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Bigtooth Aspen		80	Pole	5	26	White Pine	
White Pine		10	Log	14		Low	
Red Maple		10	Pole	5		< 5 feet	
						Sapling	
56	4130 - Aspen	Sapling Well	9.4	6	1-50	N/A	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
White Pine		5	Pole/Log	8		White Pine	
Bigtooth Aspen		75	Sapling	1	6	Red Pine	
Red Oak		10	Log	14	80	Low	
Red Pine		10	Log/Pole	12		10 - 20 feet	
						Sapling	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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57 42200 - Natural White Pine Poletimber Well 12.6 67 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Oak	5	Log/Pole	12		Red Pine	Low	5 - 10 feet	Sapling
Red Pine	25	Pole	7		Red Maple	Medium	5 - 10 feet	Sapling
White Pine	60	Log/Pole	10	67	White Pine	Medium	5 - 10 feet	Sapling
Red Maple	10	Pole	6					

58 4191 - Mixed Upland Deciduous with Conifer Sawtimber Well 33.5 95 51-80 N/A low quality oak over white pine

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black/Red (Hybrid) Oak	50	Log/Pole	12	95	White Pine	Medium	10 - 20 feet	Sapling
Bigtooth Aspen	10	Pole/Log	10		Red Pine	Low	10 - 20 feet	Sapling
White Pine	20	Log/Pole	12		Red Maple	Low	10 - 20 feet	Sapling
Red Pine	10	Log/Pole	12					
Red Maple	10	Pole	8					

59 3301 - Low Density Deciduous Trees Nonstocked 2.3 No

Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen	Low		Sapling
Black Cherry	Medium		Sapling

60 4130 - Aspen Sapling Well 8.7 26 Immature N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen	70	Sapling	3	26	Red Maple	Low	< 5 feet	Sapling
Red Maple	20	Sapling	3		Bigtooth Aspen	Medium	< 5 feet	Sapling
Black Cherry	10	Sapling	3		Witch Hazel	Low	5 - 10 feet	Tall Shrub

61 6117 - Lowland Deciduous, Mixed Coniferous Sawtimber Poor 5.8 64 51-80 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	20	Log/Pole	12		Alder	High	5 - 10 feet	Tall Shrub
Balsam Fir	10	Pole/Sapling	5		Balsam Fir	Low	10 - 20 feet	Sapling
White Pine	20	Log/Pole/XLog	12		White Pine	Low	5 - 10 feet	Sapling
Paper Birch	20	Pole	6		Red Maple	Medium	10 - 20 feet	Sapling
Red Maple	30	Pole/Log	8	64				

62 4130 - Aspen Poletimber Well 113.0 37 171-200 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	15	Log/Pole	10		White Pine	Low	< 5 feet	Sapling
Red Maple	10	Sapling/Pole	4		Red Maple	Low	5 - 10 feet	Sapling
Red Oak	5	Sapling/Pole	4		Black Cherry	Low	5 - 10 feet	Sapling
Bigtooth Aspen	70	Pole/Sapling	5	37	Witch Hazel	Low	5 - 10 feet	Tall Shrub



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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63	4139 - Aspen, Mixed Deciduous	Sapling Well	37.9	6	Immature	N/A	Treated with sale 63-029-14-01
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	10	Pole/Log	8		White Pine	Low	5 - 10 feet	Sapling
Red Oak	10	Log/Pole	12	70	Red Maple	Low	5 - 10 feet	Sapling
Bigtooth Aspen	50	Sapling	1	6	Witch Hazel	Medium	5 - 10 feet	Tall Shrub
Red Maple	30	Sapling	1					

64	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	22.3	67	51-80	N/A	
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen	35	Sapling/Pole	4	37	White Pine	High	10 - 20 feet	Sapling
Red Oak	15	Log/Pole	12		Red Maple	Low	5 - 10 feet	Sapling
White Pine	40	Pole/Log/Sap	8	67				
Red Maple	10	Pole	8					

65	4123 - Red Oak	Sawtimber Well	78.0	95	81-110	N/A	low quality oak
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	10	Pole	8		White Pine	High	10 - 20 feet	Sapling
Red Oak	60	Log/Pole	12	95	Red Maple	Low	5 - 10 feet	Sapling
White Pine	20	Pole/Log	8	55				
Bigtooth Aspen	10	Log	10					

66	4319 - Mixed Upland Forest	Sawtimber Well	13.5	70	81-110	N/A	I
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Oak	10	Log/Pole	14		Witch Hazel	Low	5 - 10 feet	Tall Shrub
Red Maple	30	Pole/Log	8		Red Oak	Low	10 - 20 feet	Sapling
White Pine	40	Log/Pole	12	70	White Pine	Medium	5 - 10 feet	Sapling
Bigtooth Aspen	10	Pole/Log	10		Red Maple	Low	5 - 10 feet	Sapling
Red Pine	10	Log/Pole	12					

68	3102 - Grass	Nonstocked	0.8			No	open area along snowmobile trail
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69	42200 - Natural White Pine	Sawtimber Well	32.7	80	81-110	N/A	has been treated 2009
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Oak	20	Log/Pole	10		Red Maple	Medium	5 - 10 feet	Sapling
White Pine	60	Log/Pole	12	80	Beech	High	5 - 10 feet	Sapling
Red Pine	20	Log/Pole	12		Red Oak	Low	10 - 20 feet	Sapling
					White Pine	Medium	10 - 20 feet	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																									
70	42250 - Pine, Oak	Sawtimber Medium	8.0	70	81-110	N/A																																										
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74	4130 - Aspen	Poletimber Well	38.7	35	171-200	N/A																																										
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75	4112 - Maple, Beech, Cherry Association	Sapling Medium	28.7	25	1-50	N/A																																										
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78	42200 - Natural White Pine	Poletimber Medium	42.6	60	51-80	N/A	Treated with sale 63-031-14-01																																									
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79	790 - Other Bare/Sparsely Vegetated	Nonstocked	4.2			No	old well pad																																									
80	330 - Low-Density Trees	Nonstocked	1.2		Unspecified	No																																										
81	4119 - Mixed Northern Hardwoods	Sawtimber Well	32.4	72	81-110	N/A	Maple heavier to the east, oak more dominate in the west.																																									
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82	42100 - Planted White Pine	Poletimber Well	9.4	60	141-170	N/A																																										
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83	42290 - Natural Mixed Pine	Sawtimber Medium	5.3	66	51-80	N/A	Stand appears to have a lot of 20-30 year old aspen and soft maple amongst the pine. Has pockets of W6 and R6 throughout.																																									
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84	4199 - Other Mixed Upland Deciduous	Sawtimber Well	8.5	111	81-110	N/A	Stand has a large oak component. It looks like all the oak was left stand when the aspen was cut 40 years ago hence there is O8 and O7 pockets as well as oak lightly scattered in the overstory. Aspen is of pretty good quality.																								
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Red Oak		40	Log	14	111																										
Bigtooth Aspen		35	Pole	8	48																										
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Red Maple		15	Pole	8																											
85	42200 - Natural White Pine	Poletimber Well	1.7	61	111-140	N/A	OK quality white pine. Northern portion was better stocked than the southern. Trees are mostly 4-5 sticks tall. Some scattered oak throughout.																								
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87	4123 - Red Oak	Sawtimber Well	32.5	97	51-80	N/A	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Full</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Common Blackberry</td> <td>Medium</td> <td>< 5 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Beech</td> <td>Low</td> <td>< 5 feet</td> <td>Sapling</td> </tr> <tr> <td>Black Cherry</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>	Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Full	5 - 10 feet	Sapling	White Pine	Low	5 - 10 feet	Sapling	Common Blackberry	Medium	< 5 feet	Tall Shrub	Beech	Low	< 5 feet	Sapling	Black Cherry	Low	5 - 10 feet	Sapling
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89	4139 - Aspen, Mixed Deciduous	Sapling Well	8.9	6	1-50	N/A	harvested 2016																								
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90	42110 - Planted Red Pine	Sawtimber Well	6.6	64	141-170	N/A	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Trace</td> <td>< 5 feet</td> <td>Sapling</td> </tr> </tbody> </table>	Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Trace	< 5 feet	Sapling																
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