

Compartment Review Presentation

Cadillac Forest Management Unit

Compartment 63004

Entry Year: 2027

Acreage: 1,877

County: Lake

Management Area: Lake County Outwash

Stand Examiner: Ryan Adamczyk

Legal Description:

T20N, R12W, Sec. 8, 9, 16, 17

Identified Planning Goals:

This compartment falls under the direction of Management Area 29 in the Northern Lower Peninsula Regional State Forest Management Plan. More specifically, the plan states that vegetation management in the Lake County Outwash management area 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 harvesting older jack pine and balancing the age-class distribution of aspen.

Soil and topography:

The major soil types are Graycalm, Rubicon and Grayling sands.

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

All four sections of this compartment have private parcels with a fairly large concentration of large and small ownerships clustered in the middle of the compartment.

Unique Natural Features:

No known unique features.

Archeological, Historical, and Cultural Features:

No known archeological, historical, or cultural features

Special Management Designations or Considerations:

No special designations other than NLP MA 29.

Watershed and Fisheries Considerations:

No fisheries considerations.

Wildlife Habitat Considerations:

This compartment is in the Newaygo Outwash Plain Ecosystem. LTA 5111 makes up most of the compartment. The far northeast edge of the compartment falls into the Highplains Ecosystem, LTA 2221. Soils in LTA 5111 are associations of Rubicon-Grayling, Grayling-Graycalm, or Plainfield sands, all of which are excessively drained. Soils in LTA 2221 are Rubicon-Montcalm-Graycalm associations. In LTA 5551, historically, pre-settlement vegetation was variable, with upland conifers dominating most of the land surface. Most of these conifer forests were dependent upon wild fires for establishment and persistence. Fire prone outwash plains supported oak/pine barrens, pine barrens, and upland prairie along with large expanses of jack pine, red pine/jack pine, and red pine/oak forests. In LTA 2221, historically, forests were primarily beech and sugar maple with small inclusions of beech and white pine, or white pine, beech and red maple. Timber sale specifications to benefit wildlife (where applicable) will include brush pile creation along lowland edges, protection of mast-bearing wildlife shrubs and ironwood, protection of standing dead snags, and creation of drumming logs (1-2 per acre) and woody debris (tops or whole trees) in aspen cuts. Featured species of special interest are marten, eastern massasauga rattlesnake, snowshoe hare, ruffed grouse, and deer. (E. Victory 6/2015)

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of glacial outwash sand and gravel and post-glacial alluvium and minor end moraine of coarse textured till. The glacial drift thickness varies between 400 and 600 feet. Beneath the glacial drift is the Mississippian Michigan Formation. The Michigan is quarried for gypsum in other areas of the State. A gravel pit is located four miles to the southeast and potential is considered good along the east edge. The nearest oil and gas production is at Peacock Field located eight miles to the southwest. The Field produced nearly 1,700,000 BO from the Traverse Limestone. The compartment is not currently leased for oil and gas exploration.

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.

Survey Needs:

No known survey needs at this time.

Recreational Facilities and Opportunities:

The Lincoln Hills route, Lincoln Hills motorcycle trail, and snowmobile trail #350 are located within the western and northern edges of this compartment. Additionally, Lincoln Hills route and Lincoln Hills motorcycle trail, along with snowmobile trail #35 runs East/West bisecting the south-central portion of this compartment. Trail protection specifications should be included in any timber sale contract potentially impacting these recreational facilities. Specifically, appropriate measures identified in DNR Policy & Procedures "32.22XX" (Best Management Practices for Forest and Wildlife Management Adjacent to Recreational Trails) should be taken into consideration. Illegal ORV use has been identified within this compartment. Funding to restore illegal ORV damaged areas is potentially available from the ORV program. Dispersed camping occurs primarily during the hunting season in this compartment. (T.M.N. 12/16/14)

Fire Protection:

Access to the compartment is good with the many county roads. Due to the fuel types, along with ORV trails and remote camping, fire ignitions are a concern. This compartment has an urban interface concern.

Additional Compartment Information:

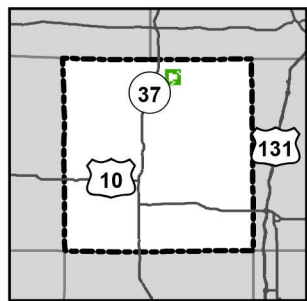
The following reports from the Inventory are attached:





























- 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**

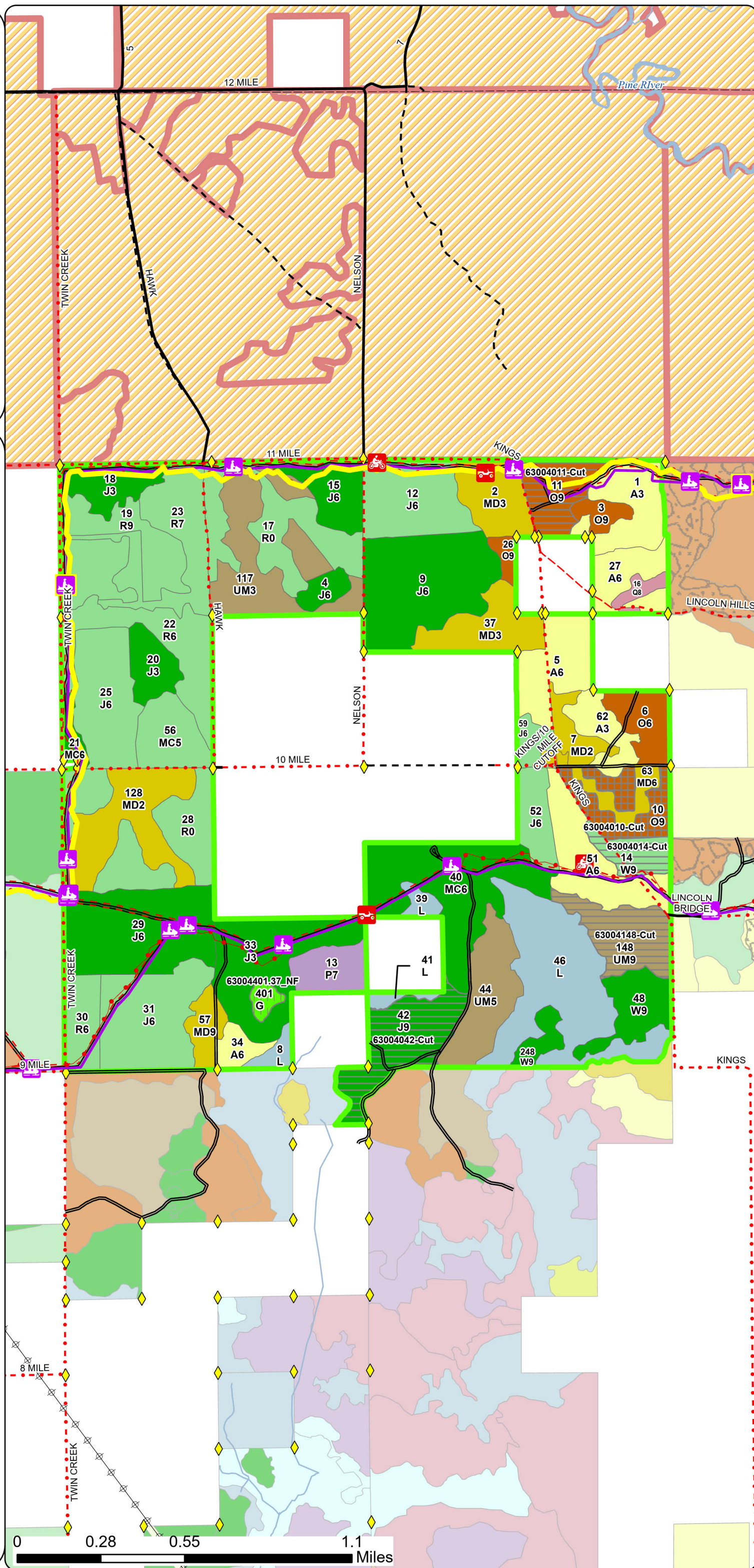
The following information is displayed, where pertinent, on the attached compartment maps:

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

Compartment: 63004
T20N, R12W, Sec. 08, 09, 16, 17
County: Lake
Unit: Cadillac
Mgmt. Area: Lake County Outwash
YOE: 2027
Acres: 1,876.95 GIS Calculated
Examiner: Ryan Adamczyk
Date Exported: 7/15/2025
Map Phase: Web Post

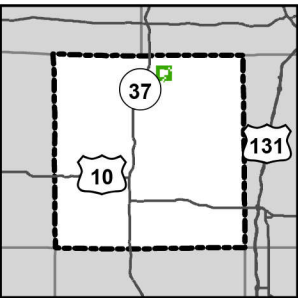


-  Survey Grade Corners
-  Designated Motorcycle Trails
-  Designated ORV Routes
-  Designated MCCCT Trails
-  DNR - Secondary Forest Road
-  Federal / State / County - Paved Road
-  Federal / State - Dirt / Gravel Road
-  County - Gravel Road
-  County - Dirt Road (Seasonal)
-  Powerline
-  Perennial River
-  Lakes and Rivers
-  Counties
-  Compartment Boundary
-  Clearcut
-  Seed Tree
-  Openings Mgmt.
-  Monitoring - Regeneration
-  412 - Oak Types
-  413 - Aspen
-  419 - Mixed Upland Deciduous
-  421 - Planted Pines
-  422 - Natural Pines
-  430 - Upland Mixed Forest
-  611 - Lowland Deciduous Forest
-  612 - Lowland Coniferous Forest
-  211 - Cropland
-  622 - Lowland Shrub

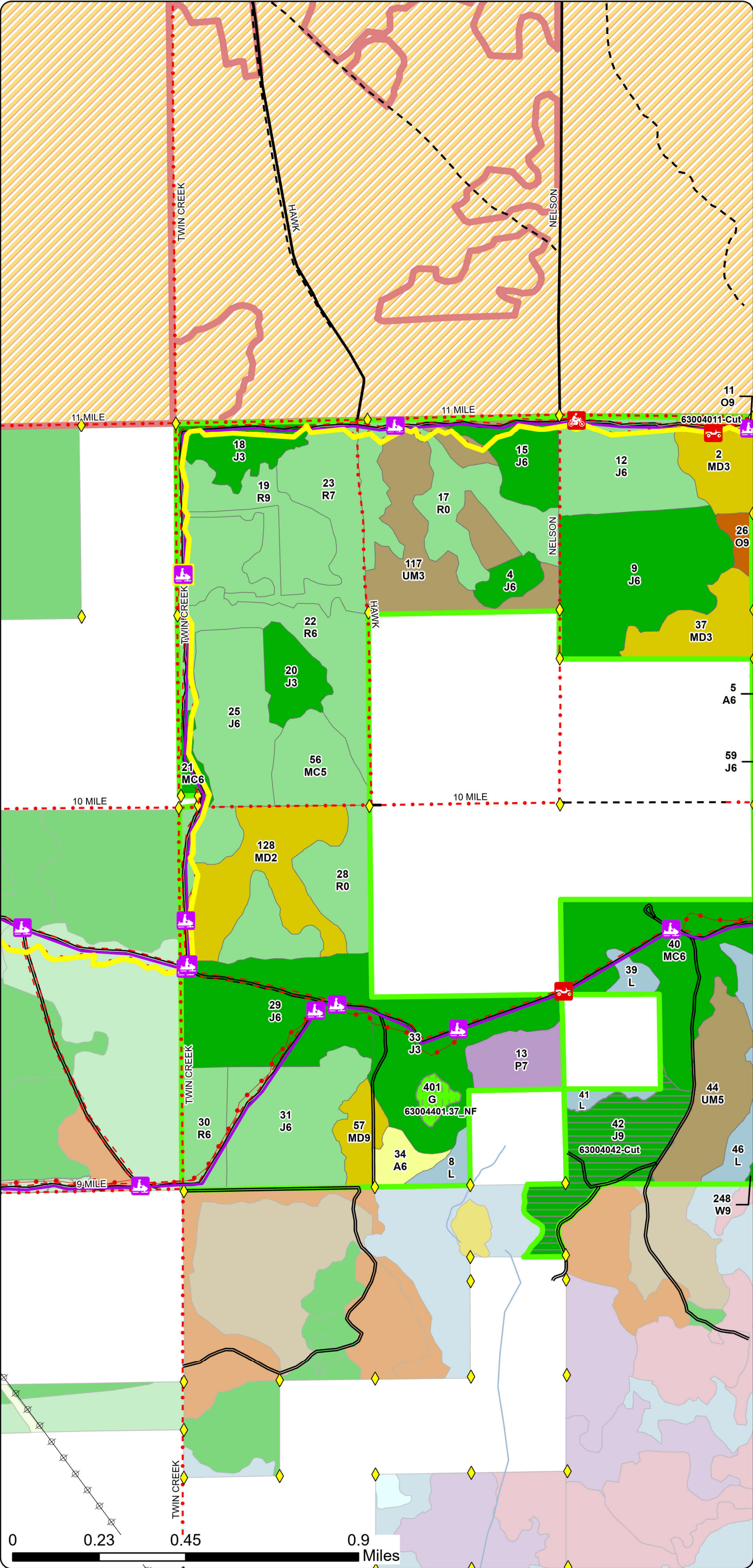


Cover Type & Treatments Map

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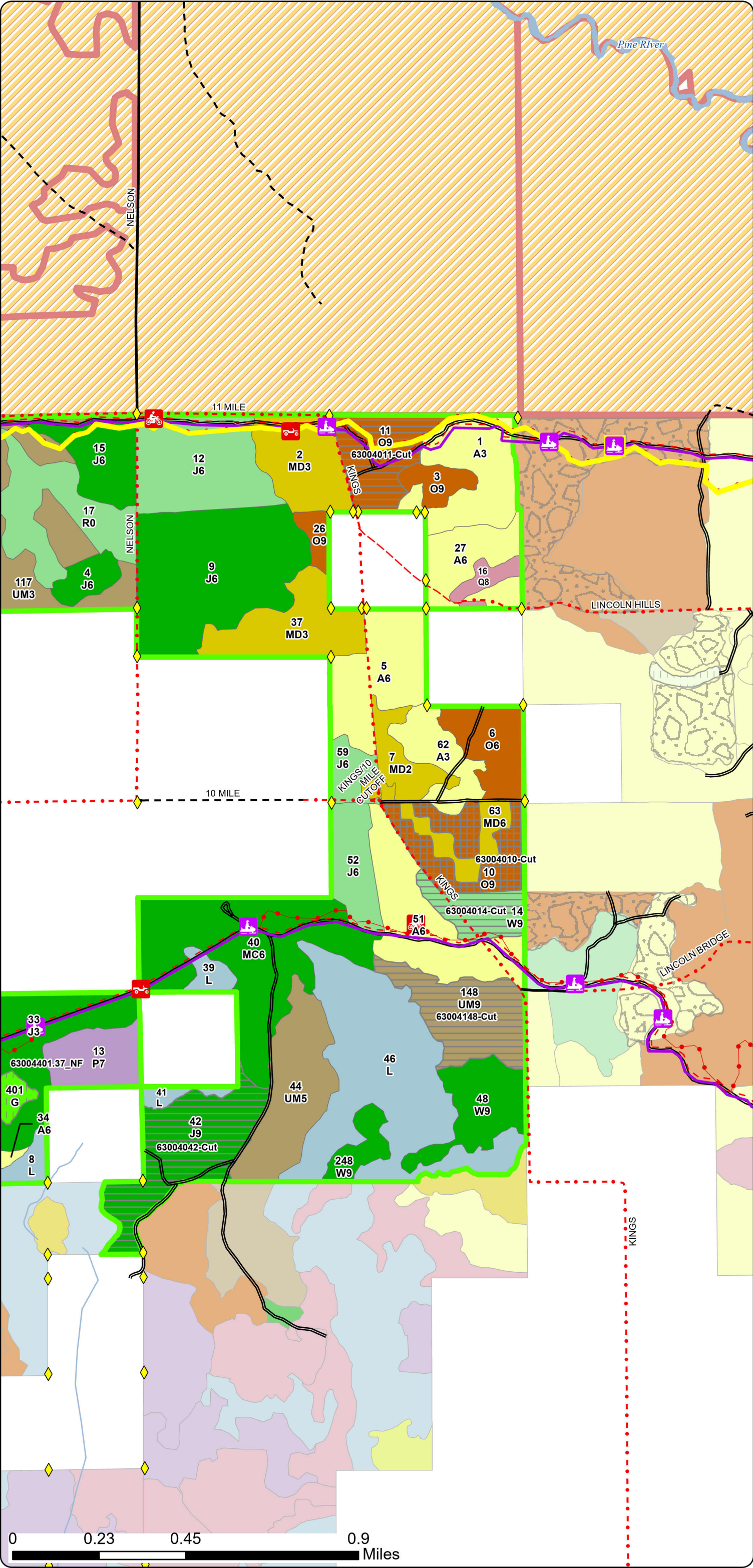
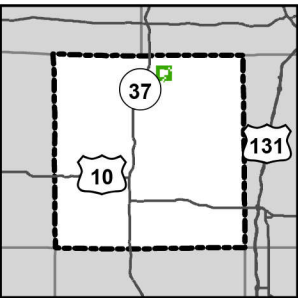


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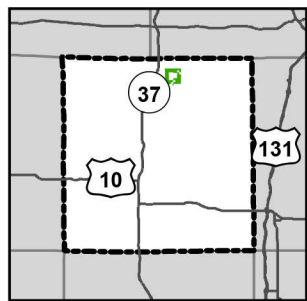















Cover Type & Treatments Map

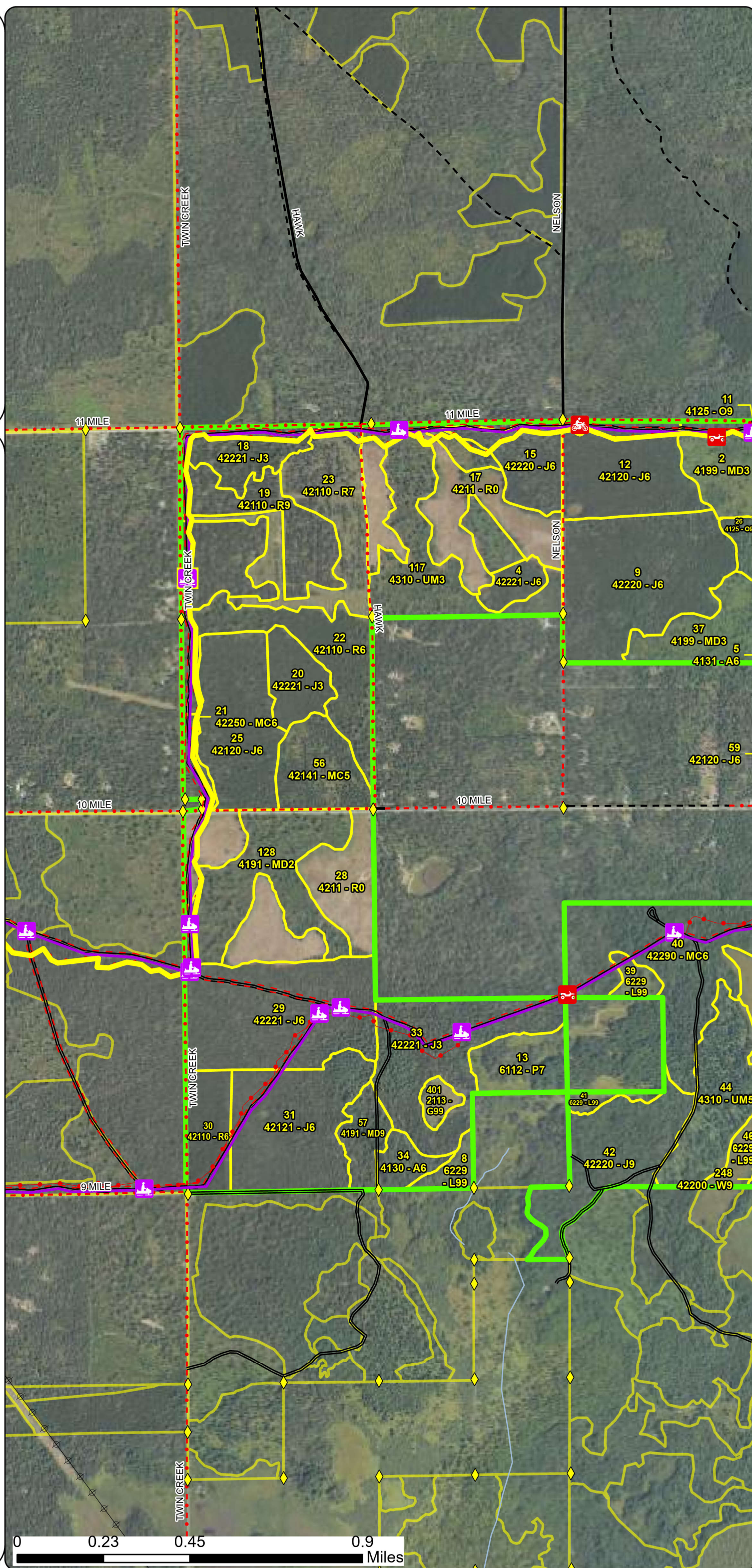
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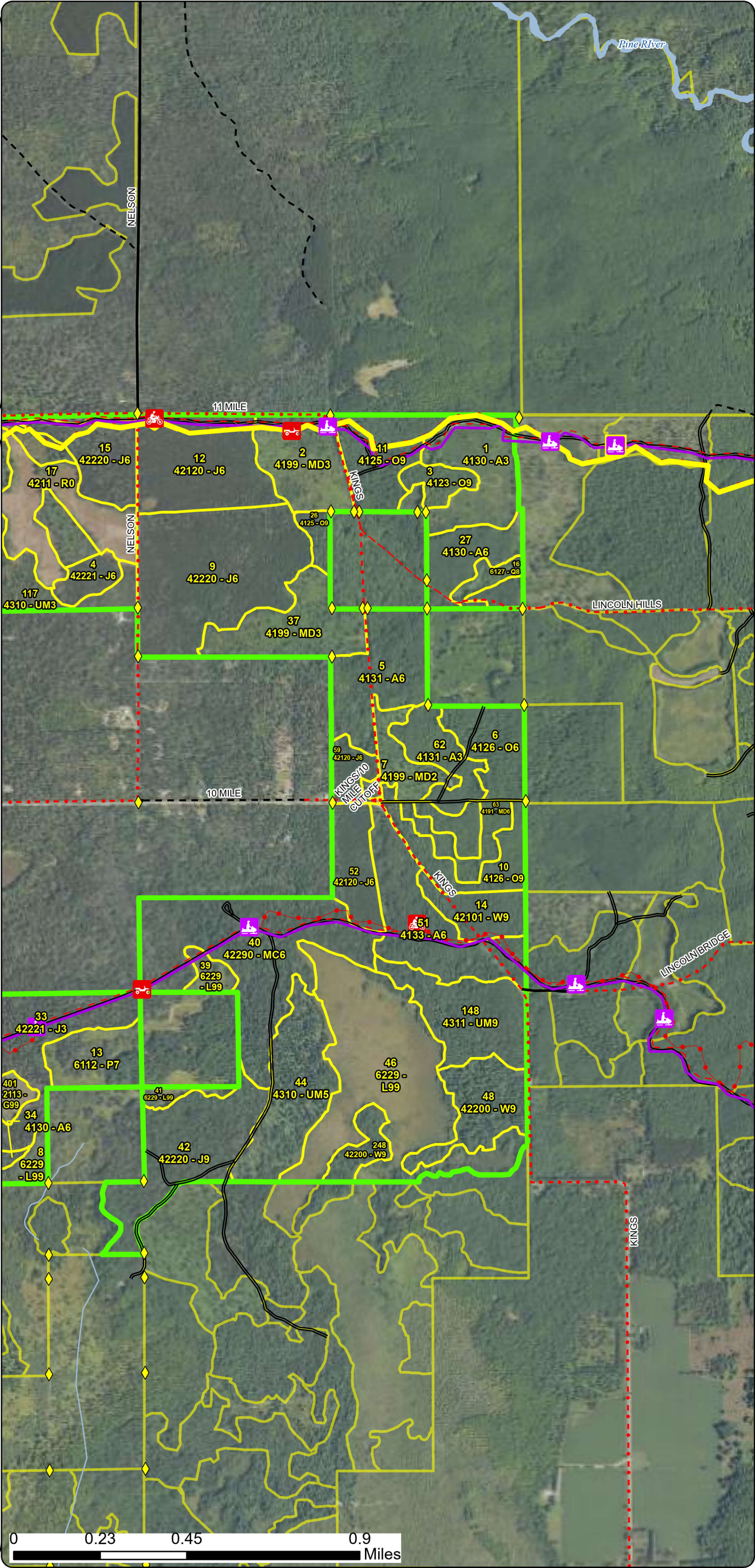
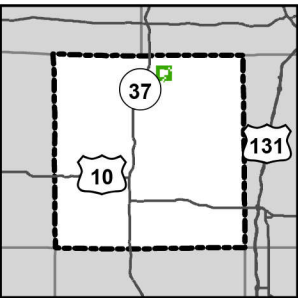


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Stand Boundary Map

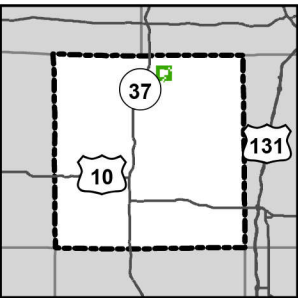
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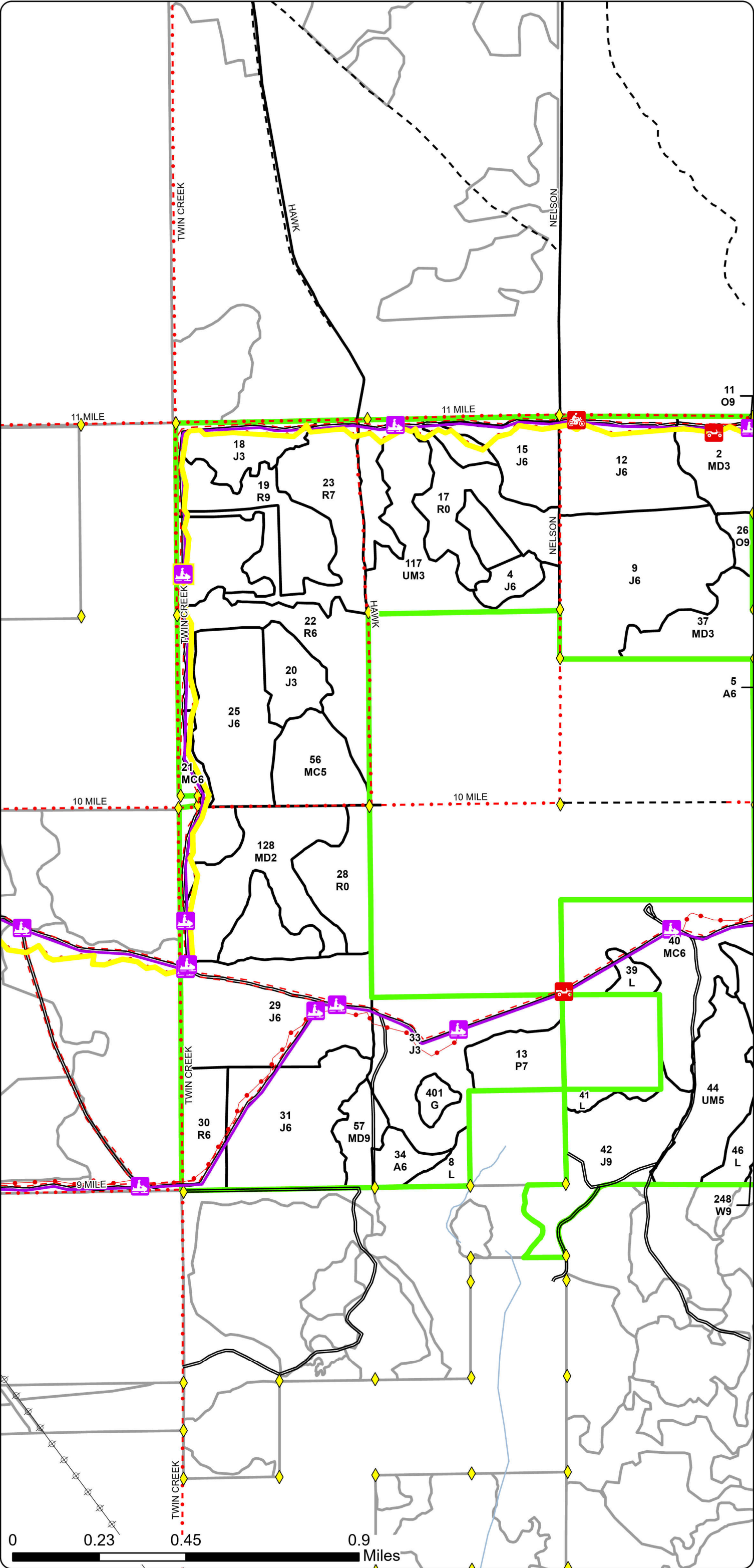
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Special Conservation Areas
& Site Conditions Map

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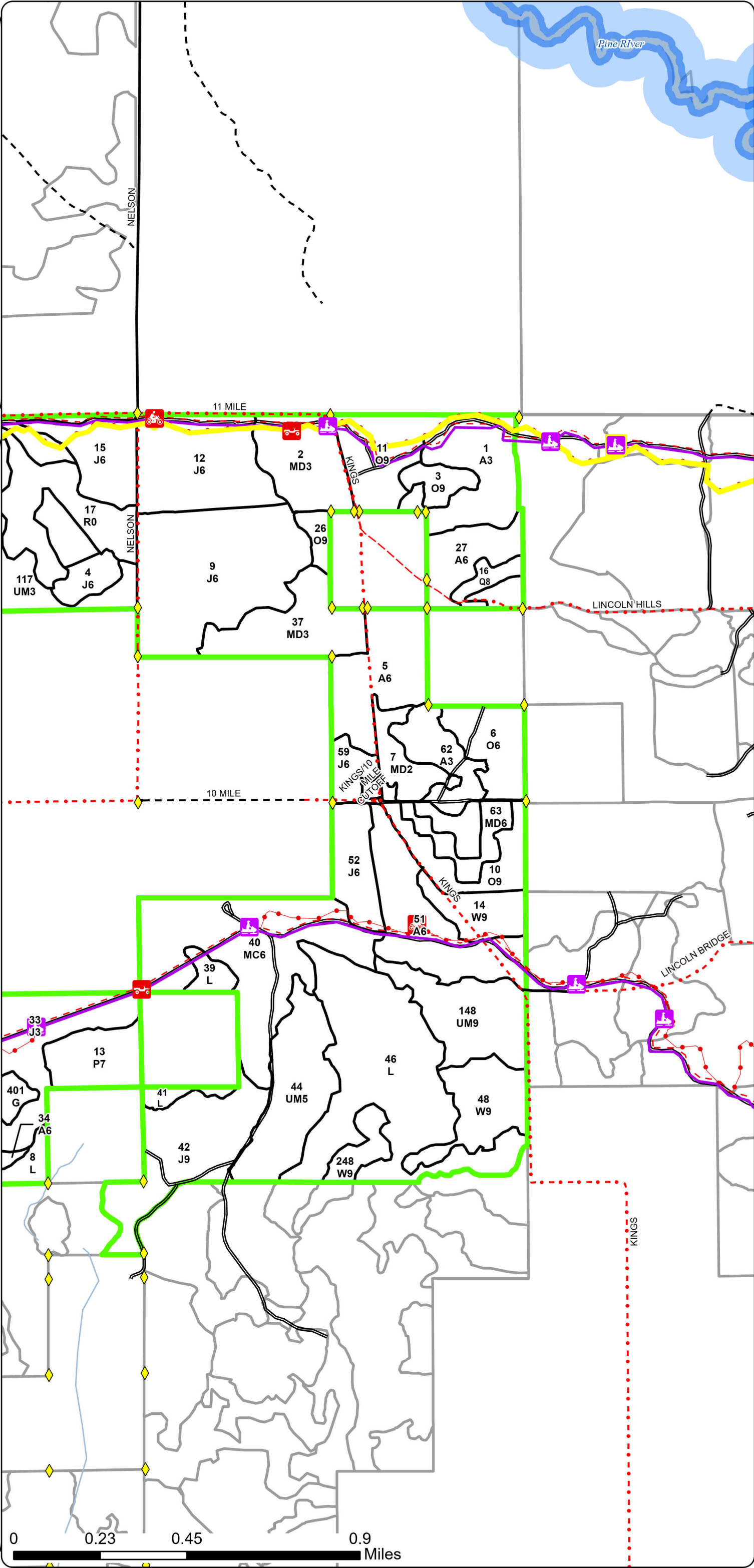
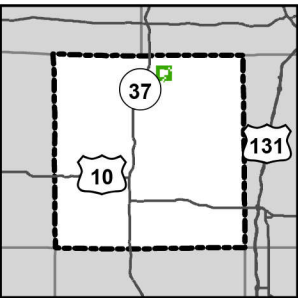


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- Compartment Boundary
- Stand Boundaries
- Natural Rivers Vegetative Buffer
- Natural Rivers Zoning District
- Cold Water Streams
- High Priority Trout Stream Buffer

Report 1 – Total Acres by Cover Type and Age Class

Compartment 4

Year of Entry 2027

	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+	Unseen-Aged	Total
Aspen	0	39	0	21	128	0	0	0	0	0	0	0	0	0	0	0	0	0	188
Cropland	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Jack Pine	0	0	46	278	139	67	54	0	0	0	0	0	0	0	0	0	0	0	584
Lowland Aspen/Balsam Poplar	0	0	0	0	0	0	0	0	0	23	0	0	0	0	0	0	0	0	23
Lowland Conifers	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	7
Lowland Shrub	126	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	126
Mixed Upland Deciduous	0	50	97	15	0	0	0	0	0	0	15	0	0	0	0	0	0	0	177
Natural Mixed Pines	0	0	0	91	0	0	8	0	0	0	0	0	0	0	0	0	0	0	99
Oak	0	0	0	0	0	0	0	24	0	0	0	77	0	0	0	0	0	0	101
Planted Mixed Pines	0	0	0	0	30	0	0	0	0	0	0	0	0	0	0	0	0	0	30
Red Pine	125	0	0	0	53	144	0	0	0	0	0	0	0	0	0	0	0	0	322
Upland Mixed Forest	0	0	72	0	0	0	46	0	39	0	0	0	0	0	0	0	0	0	157
White Pine	0	0	0	0	0	0	0	0	18	0	0	0	0	11	0	0	0	29	58
Total	257	89	215	405	350	211	108	24	57	23	22	77	0	11	0	0	0	29	1878

Report 2 – Treatment Summary

Cadillac Mgt. Unit
Year of Entry: 2027

Acres of Harvest

Compartment 4
Total Compartment Acres: 1,877

Commercial Harvest - 346
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	Oversory Removal	Salvage	Other	Total Acres
Jack Pine	54	0	0	0	0	0	0	0	0	54
Oak	31	0	0	31	0	0	0	0	0	62
Upland Mixed Forest	57	0	0	0	0	0	0	0	0	57
Total	142	0	0	31	0	0	0	0	0	173

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	173	0	0	0	0	0	0	0	6	179
Next Step	0	0	0	0	0	0	173	0	0	173
Total	173	0	0	0	0	0	173	0	6	351

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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
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Proposed Treatments:

401 63004401.37_NF	5.9	2113 - Forage Crops	99			NonForestMgt	Openings Mgmt.	310 - Herbaceous Openland	Previous Inventory	No
<u>Prescription</u> Habitat cut jack pine to maintain wildlife opening. Create brush piles for small mammals. <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										
148 63004148-Cut	39.2	4311 - Pine, Aspen Mix	9	76	111-140	Harvest	Clearcut	4133 - Aspen, Mixed Pine	Cutting Record	No
<u>Prescription</u> Cut all species. Loggers must leave two white pine at least 12 inches at DBH per acre. Mark a few small islands throughout the stand as long term retention. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> aspen, white pine, oak sp., red maple <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										
148 63004014-Cut	18.2	4311 - Pine, Aspen Mix	9	76	111-140	Harvest	Clearcut	4310 - Pine, Oak Mix	Planting Record	No
<u>Prescription</u> Cut all tree species. Mark a couple islands for retention following retention guidelines. Also, leave two white pine 12 inches or greater per acre, loggers choice. Use ORV trail protection spec if necessary. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> white pine, oak sp., aspen, red maple <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										

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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
42 63004042-Cut	53.6	42220 - Natural Jack Pine	9	52	111-140	Harvest	Clearcut	42221 - Natural Jack Pine, Mixed Deciduous	Planting Record	No
<u>Prescription</u> Cut all species trees. Mark a few islands for retention following retention guidelines. Buffer lowland area to the north and the west. Do not cut <u>Specs:</u> white pine greater than 18 inches DBH. Do not cut hemlock. <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> jack pine, oak sp., white pine, red pine, red maple <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										
11 63004011-Cut	31.0	4125 - Black, N. Pin Oak	9	105	81-110	Harvest	Clearcut	4122 - Oak, Pine	Planting Record	No
<u>Prescription</u> Cut all trees greater than 4.5". Mark a few islands for retention following retention guidelines. Mark to leave 2-3 higher quality white oak or <u>Specs:</u> white pine where present per acre while cruising. Use ORV trail protection spec. Use oak wilt spec with exceptions. <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> oak sp., white pine, aspen, red maple <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										
10 63004010-Cut	30.7	4126 - White, Black, N. Pin Oak	9	105	81-110	Harvest	Seed Tree	4122 - Oak, Pine	Planting Record	No
<u>Prescription</u> Cut all tree species. Mark to leave a mix of representative species 20-30 BA. Use oak wilt spec, no exceptions. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> oak sp., aspen, white pine, red pine, red maple <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										

Total Treatment 178.6
Acreage Proposed:

Report 4 – Site Conditions

Cadillac Mgt. Unit
Ryan Adamczyk: Examiner

Compartment: 4
Year of Entry: 2027



Availability for Management

Total Acres	Acres Available	Acres Available <i>With Condition</i>	Acres Not Available	Dominant Site Conditions		
					3J	5E
154	149	0	5	Aspen		5
6	6	0	0	Cropland		
583	583	0	0	Jack Pine		
23	23	0	0	Lowland Aspen/Balsam Poplar		
7	7	0	0	Lowland Conifers		
126	126	0	0	Lowland Shrub		
147	144	0	3	Mixed Upland Deciduous		3
100	100	0	0	Natural Mixed Pines		
101	92	0	9	Oak	9	
30	30	0	0	Planted Mixed Pines		
268	263	0	5	Red Pine		5
157	157	0	0	Upland Mixed Forest		
58	58	0	0	White Pine		
1,759	1,738		22	Total Forested Acres	9	12
	99%		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		3J: Water quality/BMPs (stream, river, or lake)	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:								
8	Unavailable		5E: Long-Term Retention	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:								
9	Unavailable		5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:								

Report 4 – Site Conditions

Cadillac Mgt. Unit
Ryan Adamczyk: Examiner

Compartment: 4
Year of Entry: 2027



13	Unavailable	5E: Long-Term Retention	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
14	Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
15	Unavailable	5E: Long-Term Retention	3	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

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																								
1	4130 - Aspen	Sapling Well	38.8	6	Immature	N/A																																									
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>White Pine</td><td>5</td><td>Sapling</td><td>6</td><td></td></tr><tr><td>Black Cherry</td><td>5</td><td>Log</td><td>1</td><td></td></tr><tr><td>Red Oak</td><td>5</td><td>Log</td><td>1</td><td></td></tr><tr><td>Red Maple</td><td>10</td><td>Log</td><td>1</td><td></td></tr><tr><td>Bigtooth Aspen</td><td>75</td><td>Log</td><td>1</td><td>6</td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	White Pine	5	Sapling	6		Black Cherry	5	Log	1		Red Oak	5	Log	1		Red Maple	10	Log	1		Bigtooth Aspen	75	Log	1	6										
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Bigtooth Aspen	75	Log	1	6																																											
2	4199 - Other Mixed Upland Deciduous	Unspecified	33.0	7	Immature	N/A	Stand was treated in 2018 as part of sale # "63-016-17", "Lake County Classic".																																								
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>White Oak</td><td>20</td><td>Log</td><td>1</td><td>7</td></tr><tr><td>White Pine</td><td>5</td><td>Sapling</td><td>6</td><td></td></tr><tr><td>Jack Pine</td><td>5</td><td>Log</td><td>1</td><td></td></tr><tr><td>Black Cherry</td><td>15</td><td>Log</td><td>1</td><td></td></tr><tr><td>Red Maple</td><td>15</td><td>Log</td><td>1</td><td></td></tr><tr><td>Bigtooth Aspen</td><td>20</td><td>Log</td><td>1</td><td>7</td></tr><tr><td>Northern Pin Oak</td><td>20</td><td>Log</td><td>1</td><td>7</td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	White Oak	20	Log	1	7	White Pine	5	Sapling	6		Jack Pine	5	Log	1		Black Cherry	15	Log	1		Red Maple	15	Log	1		Bigtooth Aspen	20	Log	1	7	Northern Pin Oak	20	Log	1	7
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Red Maple	15	Log	1																																												
Bigtooth Aspen	20	Log	1	7																																											
Northern Pin Oak	20	Log	1	7																																											
3	4123 - Red Oak	Poletimber Well	9.4	105	81-110	N/A	Ol Stand Year Origin was 1920. As a result of poor inventory, the treatment was terminated and a chapter 7 was filed. This is a higher quality oak stand with an ephemeral creek. This stand should not be cut due to its small size and uniqueness to the area.																																								
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Maple</td><td>10</td><td></td><td>14</td><td></td></tr><tr><td>Bigtooth Aspen</td><td>5</td><td></td><td>14</td><td></td></tr><tr><td>White Pine</td><td>10</td><td></td><td>18</td><td></td></tr><tr><td>Red Oak</td><td>55</td><td></td><td>20</td><td>105</td></tr><tr><td>Hemlock</td><td>5</td><td></td><td>14</td><td></td></tr><tr><td>White Oak</td><td>15</td><td></td><td>18</td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	10		14		Bigtooth Aspen	5		14		White Pine	10		18		Red Oak	55		20	105	Hemlock	5		14		White Oak	15		18						
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Red Oak	55		20	105																																											
Hemlock	5		14																																												
White Oak	15		18																																												
4	42221 - Natural Jack Pine, Mixed Deciduous	Sapling Poor	9.9	28	81-110	N/A	Stand was treated in 1997 with timber sale # "63-006-97", "Nelson Rd Jack Pine & Oak".																																								
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Black Cherry	5	Sapling	6																																												
Northern Pin Oak	20	Sapling	6																																												
5	4131 - Aspen, Oak	Poletimber Well	41.0	37	51-80	N/A																																									
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																						
6	4126 - White, Black, N. Pin Oak	Poletimber Well	24.3	65	51-80	N/A																																																							
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>White Oak</td><td>25</td><td></td><td>9</td><td></td></tr><tr><td>Red Maple</td><td>5</td><td></td><td>10</td><td></td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>50</td><td></td><td>9</td><td>65</td></tr><tr><td>White Pine</td><td>20</td><td></td><td>8</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age	White Oak	25		9		Red Maple	5		10		Black/Red (Hybrid) Oak	50		9	65	White Pine	20		8		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Red Maple</td><td>Medium</td><td>>20 feet</td><td>>20 feet</td></tr><tr><td>White Pine</td><td>Low</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Medium	>20 feet	>20 feet	White Pine	Low	10 - 20 feet	10 - 20 feet																					
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7	4199 - Other Mixed Upland Deciduous	Unspecified	16.8	7	1-50	N/A	Stand was treated in 2018 as part of sale # "63-016-17", "Lake County Classic".																																																						
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Bigtooth Aspen	30	Log	1	7																																																									
8	6229 - Mixed Lowland Shrub	Unspecified	7.6			No																																																							
		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Red Maple</td><td>Trace</td><td>>20 feet</td><td>>20 feet</td></tr><tr><td>Bigtooth Aspen</td><td>Low</td><td>>20 feet</td><td>>20 feet</td></tr><tr><td>Tag Alder</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Trace	>20 feet	>20 feet	Bigtooth Aspen	Low	>20 feet	>20 feet	Tag Alder	Medium	5 - 10 feet	5 - 10 feet																																										
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9	42220 - Natural Jack Pine	Poletimber Medium	87.4	28	81-110	N/A	Stand was treated in 1997 with timber sale # "63-006-96", "Nelson Rd Jack Pine & Oak".																																																						
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Northern Pin Oak</td><td>15</td><td>Sapling</td><td>6</td><td></td></tr><tr><td>Jack Pine</td><td>80</td><td>Sapling</td><td>6</td><td>28</td></tr><tr><td>Black Cherry</td><td>5</td><td>Sapling</td><td>5</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age	Northern Pin Oak	15	Sapling	6		Jack Pine	80	Sapling	6	28	Black Cherry	5	Sapling	5																																									
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10	4126 - White, Black, N. Pin Oak	Poletimber Well	30.7	105	81-110	N/A																																																							
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11	4125 - Black, N. Pin Oak	Sawtimber Well	31.0	105	81-110	N/A																																																								
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12	42120 - Planted Jack Pine	Poletimber Well	52.5	32	81-110	N/A	FTP #C-63-403, the stand was machine planted with 1100 seedlings/acre in 1993.																																																							
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Black/Red (Hybrid) Oak</td><td>10</td><td>Pole</td><td>4</td><td></td></tr><tr><td>Jack Pine</td><td>90</td><td>Seedling</td><td>5</td><td>32</td></tr></table>			Canopy Species	% Cover	Size Class	DBH	Age	Black/Red (Hybrid) Oak	10	Pole	4		Jack Pine	90	Seedling	5	32	<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Black/Red (Hybrid) Oak</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>			Sub-Canopy Species	Density	Avg. Height	Size	Black/Red (Hybrid) Oak	Low	5 - 10 feet	5 - 10 feet																																		
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13	6112 - Lowland Aspen	Sapling Poor	23.2	85	1-50	N/A																																																								
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Northern Pin Oak</td><td>5</td><td></td><td>8</td><td></td></tr><tr><td>White Pine</td><td>20</td><td></td><td>12</td><td></td></tr><tr><td>Jack Pine</td><td>10</td><td></td><td>8</td><td></td></tr><tr><td>Red Maple</td><td>20</td><td></td><td>10</td><td></td></tr><tr><td>Bigtooth Aspen</td><td>45</td><td></td><td>10</td><td>85</td></tr></table>			Canopy Species	% Cover	Size Class	DBH	Age	Northern Pin Oak	5		8		White Pine	20		12		Jack Pine	10		8		Red Maple	20		10		Bigtooth Aspen	45		10	85																														
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14	42101 - Planted White Pine, Mixed Deciduous	Poletimber Well	18.2	76	111-140	N/A																																																								
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15	42220 - Natural Jack Pine	Poletimber Poor	25.7	28	51-80	N/A	Stand was treated in 1997 with timber sale # "63-006-96", "Nelson Rd Jack Pine & Oak".																																																							
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																															
16	6127 - Lowland Pine	Poletimber Well	6.9	97	51-80	N/A																																
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>White Pine</td><td>60</td><td></td><td>14</td><td>97</td></tr><tr><td>Hemlock</td><td>30</td><td></td><td>12</td><td></td></tr><tr><td>Red Maple</td><td>5</td><td></td><td>8</td><td></td></tr><tr><td>Bigtooth Aspen</td><td>5</td><td></td><td>8</td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	White Pine	60		14	97	Hemlock	30		12		Red Maple	5		8		Bigtooth Aspen	5		8							
Canopy Species	% Cover	Size Class	DBH	Age																																		
White Pine	60		14	97																																		
Hemlock	30		12																																			
Red Maple	5		8																																			
Bigtooth Aspen	5		8																																			
17	4211 - Planted Red Pine	Unspecified	58.6	2	Immature		Stand was clearcut in Fall 2019 sale # "63-15-01", "Skeeter Jack Junction".Initial plant was spring of 2023																															
<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Black/Red (Hybrid) Oak</td><td>Medium</td><td>< 5 feet</td><td>< 5 feet</td></tr><tr><td>Jack Pine</td><td>Medium</td><td>< 5 feet</td><td>< 5 feet</td></tr><tr><td>Red Pine</td><td>Full</td><td>< 5 feet</td><td>< 5 feet</td></tr></table>								Sub-Canopy Species	Density	Avg. Height	Size	Black/Red (Hybrid) Oak	Medium	< 5 feet	< 5 feet	Jack Pine	Medium	< 5 feet	< 5 feet	Red Pine	Full	< 5 feet	< 5 feet															
Sub-Canopy Species	Density	Avg. Height	Size																																			
Black/Red (Hybrid) Oak	Medium	< 5 feet	< 5 feet																																			
Jack Pine	Medium	< 5 feet	< 5 feet																																			
Red Pine	Full	< 5 feet	< 5 feet																																			
18	42221 - Natural Jack Pine, Mixed Deciduous	Sapling Poor	25.7	17	Immature	N/A	Stand was treated in 2008 with timber sale # "63-021-07", "Snowmo Jack".																															
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Jack Pine</td><td>65</td><td>Log</td><td>3</td><td>17</td></tr><tr><td>Black Cherry</td><td>10</td><td>Log</td><td>3</td><td></td></tr><tr><td>Northern Pin Oak</td><td>10</td><td></td><td>16</td><td></td></tr><tr><td>Northern Pin Oak</td><td>15</td><td>Log</td><td>3</td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Jack Pine	65	Log	3	17	Black Cherry	10	Log	3		Northern Pin Oak	10		16		Northern Pin Oak	15	Log	3							
Canopy Species	% Cover	Size Class	DBH	Age																																		
Jack Pine	65	Log	3	17																																		
Black Cherry	10	Log	3																																			
Northern Pin Oak	10		16																																			
Northern Pin Oak	15	Log	3																																			
19	42110 - Planted Red Pine	Sawtimber Poor	64.3	47	81-110	N/A																																
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Pine</td><td>100</td><td></td><td>10</td><td>47</td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Red Pine	100		10	47																					
Canopy Species	% Cover	Size Class	DBH	Age																																		
Red Pine	100		10	47																																		
20	42221 - Natural Jack Pine, Mixed Deciduous	Sapling Well	20.1	17	Immature	N/A	Stand was treated in 2008 with timber sale # "63-021-07", "Snowmo Jack".																															
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Northern Pin Oak</td><td>5</td><td></td><td>16</td><td></td></tr><tr><td>Northern Pin Oak</td><td>15</td><td>Log</td><td>2</td><td></td></tr><tr><td>Jack Pine</td><td>70</td><td>Log</td><td>3</td><td>17</td></tr><tr><td>Black Cherry</td><td>10</td><td>Log</td><td>3</td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Northern Pin Oak	5		16		Northern Pin Oak	15	Log	2		Jack Pine	70	Log	3	17	Black Cherry	10	Log	3							
Canopy Species	% Cover	Size Class	DBH	Age																																		
Northern Pin Oak	5		16																																			
Northern Pin Oak	15	Log	2																																			
Jack Pine	70	Log	3	17																																		
Black Cherry	10	Log	3																																			
21	42250 - Pine, Oak	Poletimber Poor	8.4	55	81-110	N/A	this stand is a visual buffer that was left when adjoining stand to the east was harvested. ORV and single track trails cut through stand.																															
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Jack Pine</td><td>65</td><td></td><td>9</td><td>55</td></tr><tr><td>Northern Pin Oak</td><td>35</td><td></td><td>16</td><td></td></tr></table> <table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Jack Pine</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>Black Cherry</td><td>Low</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Northern Pin Oak</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Jack Pine	65		9	55	Northern Pin Oak	35		16		Sub-Canopy Species	Density	Avg. Height	Size	Jack Pine	Low	Variable	Variable	Black Cherry	Low	10 - 20 feet	10 - 20 feet	Northern Pin Oak	Low	5 - 10 feet	5 - 10 feet
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Jack Pine	Low	Variable	Variable																																			
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Northern Pin Oak	Low	5 - 10 feet	5 - 10 feet																																			

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																						
22	42110 - Planted Red Pine	Poletimber Well	52.7	32	81-110	N/A	Not ready for commercial harvest.																																																						
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Jack Pine</td><td>30</td><td>Seedling</td><td>6</td><td></td></tr><tr><td>Northern Pin Oak</td><td>5</td><td>Pole</td><td>4</td><td></td></tr><tr><td>Red Pine</td><td>65</td><td>Seedling</td><td>6</td><td>32</td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Jack Pine	30	Seedling	6		Northern Pin Oak	5	Pole	4		Red Pine	65	Seedling	6	32																																		
Canopy Species	% Cover	Size Class	DBH	Age																																																									
Jack Pine	30	Seedling	6																																																										
Northern Pin Oak	5	Pole	4																																																										
Red Pine	65	Seedling	6	32																																																									
23	42110 - Planted Red Pine	Sawtimber Poor	56.0	47	1-50	N/A																																																							
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Red Pine</td><td>100</td><td></td><td>10</td><td>47</td><td>Red Pine</td><td>Low</td><td>< 5 feet</td><td>< 5 feet</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>Jack Pine</td><td>Low</td><td>< 5 feet</td><td>< 5 feet</td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	Red Pine	100		10	47	Red Pine	Low	< 5 feet	< 5 feet						Jack Pine	Low	< 5 feet	< 5 feet																											
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Red Pine	100		10	47	Red Pine	Low	< 5 feet	< 5 feet																																																					
					Jack Pine	Low	< 5 feet	< 5 feet																																																					
25	42120 - Planted Jack Pine	Poletimber Well	54.9	24	81-110	N/A	Stand was treated in 1997 with timber sale # "63-018-96", "Country Kitchen Jack Pine". ftp#c63-477 TRENCHED THEN HAND PLANTED 32,000 2-0 JACK PINE BARE ROOT SEEDLINGS WERE PLANTED BY A CREW FROM EXPRESS FORESTRY. 5/14/2001																																																						
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Jack Pine</td><td>85</td><td>Pole</td><td>4</td><td>24</td></tr><tr><td>Black Cherry</td><td>5</td><td>Pole</td><td>4</td><td></td></tr><tr><td>Northern Pin Oak</td><td>10</td><td>Pole</td><td>4</td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Jack Pine	85	Pole	4	24	Black Cherry	5	Pole	4		Northern Pin Oak	10	Pole	4																																			
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Black Cherry	5	Pole	4																																																										
Northern Pin Oak	10	Pole	4																																																										
26	4125 - Black, N. Pin Oak	Unspecifed	6.0	105	81-110	N/A																																																							
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>White Oak</td><td>15</td><td></td><td>14</td><td></td><td>Witch Hazel</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>60</td><td></td><td>16</td><td>105</td><td>Red Maple</td><td>Low</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>White Pine</td><td>10</td><td></td><td>12</td><td></td><td>White Oak</td><td>Medium</td><td>< 5 feet</td><td>< 5 feet</td></tr><tr><td>Red Maple</td><td>10</td><td></td><td>12</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Bigtooth Aspen</td><td>5</td><td></td><td>10</td><td></td><td></td><td></td><td></td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	White Oak	15		14		Witch Hazel	Low	5 - 10 feet	5 - 10 feet	Black/Red (Hybrid) Oak	60		16	105	Red Maple	Low	10 - 20 feet	10 - 20 feet	White Pine	10		12		White Oak	Medium	< 5 feet	< 5 feet	Red Maple	10		12						Bigtooth Aspen	5		10					
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size																																																					
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Red Maple	10		12																																																										
Bigtooth Aspen	5		10																																																										
27	4130 - Aspen	Poletimber Well	27.2	36	111-140	N/A	Stand was clearcut in 1989 with timber sale # "63-043-86", "Lincoln Hills 9".																																																						
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>White Pine</td><td>5</td><td>Sapling</td><td>7</td><td></td><td>Northern Pin Oak</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Northern Pin Oak</td><td>5</td><td>Sapling</td><td>5</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>White Oak</td><td>5</td><td>Sapling</td><td>5</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Red Maple</td><td>10</td><td>Seedling</td><td>7</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Bigtooth Aspen</td><td>75</td><td>Seedling</td><td>7</td><td>36</td><td></td><td></td><td></td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	White Pine	5	Sapling	7		Northern Pin Oak	Low	5 - 10 feet	5 - 10 feet	Northern Pin Oak	5	Sapling	5						White Oak	5	Sapling	5						Red Maple	10	Seedling	7						Bigtooth Aspen	75	Seedling	7	36				
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size																																																					
White Pine	5	Sapling	7		Northern Pin Oak	Low	5 - 10 feet	5 - 10 feet																																																					
Northern Pin Oak	5	Sapling	5																																																										
White Oak	5	Sapling	5																																																										
Red Maple	10	Seedling	7																																																										
Bigtooth Aspen	75	Seedling	7	36																																																									
28	4211 - Planted Red Pine	Unspecifed	66.0	2	Immature		Stand was clearcut in Summer 2020 sale # "63-15-01", "Skeeter Jack Junction". Stand was initial planted in spring of 2023.																																																						
<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Red Pine</td><td>Full</td><td>< 5 feet</td><td>< 5 feet</td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>Low</td><td>< 5 feet</td><td>< 5 feet</td></tr><tr><td>Jack Pine</td><td>Low</td><td>< 5 feet</td><td>< 5 feet</td></tr></table>								Sub-Canopy Species	Density	Avg. Height	Size	Red Pine	Full	< 5 feet	< 5 feet	Black/Red (Hybrid) Oak	Low	< 5 feet	< 5 feet	Jack Pine	Low	< 5 feet	< 5 feet																																						
Sub-Canopy Species	Density	Avg. Height	Size																																																										
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Black/Red (Hybrid) Oak	Low	< 5 feet	< 5 feet																																																										
Jack Pine	Low	< 5 feet	< 5 feet																																																										

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																				
29	42221 - Natural Jack Pine, Mixed Deciduous	Sapling Medium	86.1	37	81-110	N/A	Stand was clearcut in 1988 with timber sale # "63-038-86", "Kaderabek Jack Pine East".																																				
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>White Pine</td><td>5</td><td></td><td>8</td><td></td></tr><tr><td>Jack Pine</td><td>65</td><td>Sapling</td><td>6</td><td>37</td></tr><tr><td>Black Cherry</td><td>5</td><td>Sapling</td><td>5</td><td></td></tr><tr><td>Northern Pin Oak</td><td>25</td><td>Sapling</td><td>5</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age	White Pine	5		8		Jack Pine	65	Sapling	6	37	Black Cherry	5	Sapling	5		Northern Pin Oak	25	Sapling	5		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Northern Pin Oak</td><td>Medium</td><td>Variable</td><td>Variable</td></tr></table>				Sub-Canopy Species	Density	Avg. Height	Size	Northern Pin Oak	Medium	Variable	Variable					
Canopy Species	% Cover	Size Class	DBH	Age																																							
White Pine	5		8																																								
Jack Pine	65	Sapling	6	37																																							
Black Cherry	5	Sapling	5																																								
Northern Pin Oak	25	Sapling	5																																								
Sub-Canopy Species	Density	Avg. Height	Size																																								
Northern Pin Oak	Medium	Variable	Variable																																								
30	42110 - Planted Red Pine	Poletimber Well	24.0	44	111-140	N/A																																					
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Jack Pine</td><td>10</td><td>Seedling</td><td>6</td><td></td></tr><tr><td>Northern Pin Oak</td><td>10</td><td>Seedling</td><td>6</td><td></td></tr><tr><td>Red Pine</td><td>80</td><td>Seedling</td><td>7</td><td>44</td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age	Jack Pine	10	Seedling	6		Northern Pin Oak	10	Seedling	6		Red Pine	80	Seedling	7	44																						
Canopy Species	% Cover	Size Class	DBH	Age																																							
Jack Pine	10	Seedling	6																																								
Northern Pin Oak	10	Seedling	6																																								
Red Pine	80	Seedling	7	44																																							
31	42121 - Planted Jack Pine, Mixed Deciduous	Poletimber Well	66.7	44	81-110	N/A																																					
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Jack Pine</td><td>80</td><td>Seedling</td><td>6</td><td>44</td></tr><tr><td>Northern Pin Oak</td><td>20</td><td>Seedling</td><td>6</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age	Jack Pine	80	Seedling	6	44	Northern Pin Oak	20	Seedling	6		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Northern Pin Oak</td><td>Low</td><td>< 5 feet</td><td>< 5 feet</td></tr></table>				Sub-Canopy Species	Density	Avg. Height	Size	Northern Pin Oak	Low	< 5 feet	< 5 feet															
Canopy Species	% Cover	Size Class	DBH	Age																																							
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Sub-Canopy Species	Density	Avg. Height	Size																																								
Northern Pin Oak	Low	< 5 feet	< 5 feet																																								
33	42221 - Natural Jack Pine, Mixed Deciduous	Sapling Poor	68.1	26	81-110	N/A	STAND TREATED 1998-99 SALE # 209-97-01; SHELTER/SEED-TREE LEFT SOME JP AND OAK ON SITE.																																				
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Bigtooth Aspen</td><td>5</td><td>Log</td><td>4</td><td></td></tr><tr><td>Northern Pin Oak</td><td>20</td><td>Log</td><td>4</td><td>26</td></tr><tr><td>Northern Pin Oak</td><td>5</td><td></td><td>16</td><td></td></tr><tr><td>White Pine</td><td>10</td><td></td><td>6</td><td></td></tr><tr><td>Jack Pine</td><td>60</td><td>Log</td><td>4</td><td>26</td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age	Bigtooth Aspen	5	Log	4		Northern Pin Oak	20	Log	4	26	Northern Pin Oak	5		16		White Pine	10		6		Jack Pine	60	Log	4	26	<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Northern Pin Oak</td><td>Low</td><td>< 5 feet</td><td>< 5 feet</td></tr></table>				Sub-Canopy Species	Density	Avg. Height	Size	Northern Pin Oak	Low	< 5 feet	< 5 feet
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Sub-Canopy Species	Density	Avg. Height	Size																																								
Northern Pin Oak	Low	< 5 feet	< 5 feet																																								
34	4130 - Aspen	Unspecified	10.9	38		N/A																																					
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Quaking Aspen</td><td>5</td><td>Seedling</td><td>7</td><td></td></tr><tr><td>White Pine</td><td>5</td><td></td><td>8</td><td></td></tr><tr><td>Red Maple</td><td>15</td><td>Sapling</td><td>6</td><td></td></tr><tr><td>Bigtooth Aspen</td><td>70</td><td>Seedling</td><td>7</td><td>38</td></tr><tr><td>White Oak</td><td>5</td><td>Seedling</td><td>5</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	5	Seedling	7		White Pine	5		8		Red Maple	15	Sapling	6		Bigtooth Aspen	70	Seedling	7	38	White Oak	5	Seedling	5													
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																								
37	4199 - Other Mixed Upland Deciduous	Poletimber Well	36.8	11	Immature	N/A	Stand was final harvested in winter 2024.																																								
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Maple</td><td>15</td><td>Log</td><td>1</td><td></td></tr><tr><td>Bigtooth Aspen</td><td>35</td><td>Log</td><td>2</td><td>11</td></tr><tr><td>White Oak</td><td>15</td><td>Log</td><td>1</td><td></td></tr><tr><td>White Oak</td><td>5</td><td></td><td>12</td><td></td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>10</td><td>Log</td><td>1</td><td></td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>5</td><td></td><td>12</td><td></td></tr><tr><td>Black Cherry</td><td>15</td><td>Log</td><td>1</td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	15	Log	1		Bigtooth Aspen	35	Log	2	11	White Oak	15	Log	1		White Oak	5		12		Black/Red (Hybrid) Oak	10	Log	1		Black/Red (Hybrid) Oak	5		12		Black Cherry	15	Log	1	
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Black Cherry	15	Log	1																																												
39	6229 - Mixed Lowland Shrub	Unspecified	6.6			No																																									
<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Bigtooth Aspen</td><td>Low</td><td>>20 feet</td><td>>20 feet</td></tr><tr><td>Leatherleaf</td><td>High</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>White Pine</td><td>Low</td><td>>20 feet</td><td>>20 feet</td></tr></table>								Sub-Canopy Species	Density	Avg. Height	Size	Bigtooth Aspen	Low	>20 feet	>20 feet	Leatherleaf	High	5 - 10 feet	5 - 10 feet	White Pine	Low	>20 feet	>20 feet																								
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40	42290 - Natural Mixed Pine	Sapling Poor	91.2	26	51-80	N/A	STAND TREATED 1998-99 SALE # 209-97-01 SHELTERWOOD/SEED TREE CUT. LEFT RESIDUAL OAK AND JP ON SITE.																																								
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Northern Pin Oak</td><td>15</td><td></td><td>6</td><td></td></tr><tr><td>White Pine</td><td>30</td><td></td><td>8</td><td></td></tr><tr><td>Jack Pine</td><td>45</td><td>Pole</td><td>4</td><td>26</td></tr><tr><td>Red Maple</td><td>5</td><td>Sapling</td><td>5</td><td></td></tr><tr><td>Bigtooth Aspen</td><td>5</td><td>Log</td><td>4</td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Northern Pin Oak	15		6		White Pine	30		8		Jack Pine	45	Pole	4	26	Red Maple	5	Sapling	5		Bigtooth Aspen	5	Log	4											
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Bigtooth Aspen	5	Log	4																																												
41	6229 - Mixed Lowland Shrub	Unspecified	4.9			No																																									
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42	42220 - Natural Jack Pine	Sawtimber Well	53.6	52	111-140	N/A	Kirtland's Warbler has occupied stands within this area.																																								
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Jack Pine	65		10	52																																											

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																													
44	4310 - Pine, Oak Mix	Sapling Medium	46.4	57	1-50	N/A	Stand was treated in Summer 2009 with timber sale # "63-034-07", "No Name Jack". All jack pine, red maple, aspen, and orange marked trees were removed.																																													
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Maple</td><td>5</td><td>Log</td><td>3</td><td></td></tr><tr><td>Quaking Aspen</td><td>5</td><td>Log</td><td>3</td><td></td></tr><tr><td>Northern Pin Oak</td><td>10</td><td></td><td>16</td><td></td></tr><tr><td>Northern Pin Oak</td><td>20</td><td>Log</td><td>2</td><td>16</td></tr><tr><td>White Oak</td><td>5</td><td>Log</td><td>2</td><td></td></tr><tr><td>White Pine</td><td>40</td><td></td><td>10</td><td>57</td></tr><tr><td>Jack Pine</td><td>10</td><td>Log</td><td>2</td><td></td></tr><tr><td>Black Cherry</td><td>5</td><td>Log</td><td>2</td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	5	Log	3		Quaking Aspen	5	Log	3		Northern Pin Oak	10		16		Northern Pin Oak	20	Log	2	16	White Oak	5	Log	2		White Pine	40		10	57	Jack Pine	10	Log	2		Black Cherry	5	Log	2	
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46	6229 - Mixed Lowland Shrub	Unspecified	106.4			No																																														
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Leatherleaf	High	< 5 feet	< 5 feet																																																	
48	42200 - Natural White Pine	Sawtimber Medium	29.3	104	51-80	N/A	Stand treated with timber sale # "63-29-07", "Kings White Pine". 11/26/2024: White pine overstory, with some areas that are thick to red maple and aspen in the understory.																																													
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>White Pine</td><td>100</td><td></td><td>20</td><td>104</td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	White Pine	100		20	104																																			
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51	4133 - Aspen, Mixed Pine	Poletimber Well	48.7	38	81-110	N/A																																														
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Northern Pin Oak</td><td>5</td><td></td><td>8</td><td></td></tr><tr><td>White Pine</td><td>15</td><td></td><td>10</td><td></td></tr><tr><td>Jack Pine</td><td>5</td><td>Pole</td><td>4</td><td></td></tr><tr><td>Black Cherry</td><td>5</td><td>Sapling</td><td>5</td><td></td></tr><tr><td>Red Maple</td><td>10</td><td>Sapling</td><td>5</td><td></td></tr><tr><td>Bigtooth Aspen</td><td>60</td><td>Sapling</td><td>5</td><td>38</td></tr></table>							Canopy Species	% Cover	Size Class	DBH	Age	Northern Pin Oak	5		8		White Pine	15		10		Jack Pine	5	Pole	4		Black Cherry	5	Sapling	5		Red Maple	10	Sapling	5		Bigtooth Aspen	60	Sapling	5	38											
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Bigtooth Aspen	60	Sapling	5	38																																																
52	42120 - Planted Jack Pine	Poletimber Well	21.7	28	51-80	N/A	Stand was treated with timber sale # "63-006-97", "Patchwork Pine and Hardwood". ftp #63c-483 trenched then hand planted. 32000 2-0 jack pine bare root seedlings were planted by a crew from Express Forestry.																																													
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Bigtooth Aspen</td><td>5</td><td>Seedling</td><td>6</td><td></td></tr><tr><td>Northern Pin Oak</td><td>5</td><td>Log</td><td>2</td><td></td></tr><tr><td>Jack Pine</td><td>90</td><td>Sapling</td><td>5</td><td>28</td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Bigtooth Aspen	5	Seedling	6		Northern Pin Oak	5	Log	2		Jack Pine	90	Sapling	5	28																									
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																										
56	42141 - Planted Mixed Pine, Mixed Deciduous	Sapling Well	30.2	36	51-80	N/A	Stand was clearcut in 1989 with timber sale # "63-007-89", "10 Mile Pine".																																																										
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Jack Pine</td><td>25</td><td>Sapling</td><td>5</td><td></td></tr><tr><td>Black Cherry</td><td>10</td><td>Sapling</td><td>5</td><td></td></tr><tr><td>Northern Pin Oak</td><td>15</td><td>Pole</td><td>4</td><td></td></tr><tr><td>Red Pine</td><td>50</td><td>Sapling</td><td>5</td><td>36</td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Jack Pine	25	Sapling	5		Black Cherry	10	Sapling	5		Northern Pin Oak	15	Pole	4		Red Pine	50	Sapling	5	36																																	
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57	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	15.4	90	111-140	N/A																																																											
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59	42120 - Planted Jack Pine	Sapling Medium	10.4	25	51-80	N/A	Stand was treated with timber sale # "63-006-97", "Patchwork Pine and Hardwood". The stand has been planted with Jack Pine and there is an oak component made up of stump sprouts and seedlings coming up in the stand.																																																										
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Northern Pin Oak</td><td>10</td><td>Log</td><td>2</td><td></td></tr><tr><td>Jack Pine</td><td>90</td><td>Sapling</td><td>5</td><td>25</td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Northern Pin Oak	10	Log	2		Jack Pine	90	Sapling	5	25																																											
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Northern Pin Oak	10	Log	2																																																														
Jack Pine	90	Sapling	5	25																																																													
62	4131 - Aspen, Oak	Sapling Poor	21.1	28	Immature	N/A	Stand was treated with timber sale # "63-006-97", "Patchwork Pine and Hardwood".																																																										
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>White Oak</td><td>5</td><td>Log</td><td>4</td><td></td></tr><tr><td>Northern Pin Oak</td><td>15</td><td>Log</td><td>4</td><td></td></tr><tr><td>Red Maple</td><td>10</td><td>Sapling</td><td>5</td><td></td></tr><tr><td>Bigtooth Aspen</td><td>60</td><td>Pole</td><td>4</td><td>28</td></tr><tr><td>White Pine</td><td>5</td><td>Sapling</td><td>7</td><td></td></tr><tr><td>Black Cherry</td><td>5</td><td>Log</td><td>4</td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	White Oak	5	Log	4		Northern Pin Oak	15	Log	4		Red Maple	10	Sapling	5		Bigtooth Aspen	60	Pole	4	28	White Pine	5	Sapling	7		Black Cherry	5	Log	4																								
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63	4191 - Mixed Upland Deciduous with Conifer	Poletimber Medium	15.0	28	Immature	N/A	Stand was treated with sale # "206-97-01".																																																										
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																			
117	4310 - Pine, Oak Mix	Sapling Poor	71.6	15	Immature	N/A	Stand was treated in 2009 with sale # "63-025-07", "Friendly Hound Jack"..																																			
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Jack Pine</td><td>55</td><td>Log</td><td>2</td><td>15</td></tr><tr><td>Black Cherry</td><td>10</td><td>Log</td><td>2</td><td></td></tr><tr><td>Northern Pin Oak</td><td>10</td><td></td><td>16</td><td>85</td></tr><tr><td>Northern Pin Oak</td><td>20</td><td>Log</td><td>2</td><td></td></tr><tr><td>Red Maple</td><td>5</td><td>Log</td><td>2</td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Jack Pine	55	Log	2	15	Black Cherry	10	Log	2		Northern Pin Oak	10		16	85	Northern Pin Oak	20	Log	2		Red Maple	5	Log	2						
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Red Maple	5	Log	2																																							
128	4191 - Mixed Upland Deciduous with Conifer	Sapling Poor	60.0	16	Immature	N/A	Stand was treated in 2009 with timber sale # "63-031-07", "Jack Pine Savage". All jack pine was removed and an overstory of oak was left.																																			
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Maple</td><td>10</td><td>Log</td><td>2</td><td></td></tr><tr><td>Jack Pine</td><td>40</td><td>Log</td><td>3</td><td>16</td></tr><tr><td>Black Cherry</td><td>10</td><td>Log</td><td>2</td><td></td></tr><tr><td>Northern Pin Oak</td><td>30</td><td>Log</td><td>2</td><td></td></tr><tr><td>Northern Pin Oak</td><td>10</td><td></td><td>16</td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	10	Log	2		Jack Pine	40	Log	3	16	Black Cherry	10	Log	2		Northern Pin Oak	30	Log	2		Northern Pin Oak	10		16						
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148	4311 - Pine, Aspen Mix	Poletimber Well	39.2	76	111-140	N/A																																				
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Red Maple	10		8																																							
Bigtooth Aspen	30		10																																							
White Pine	35		14	76																																						
Jack Pine	10	Seedling	8																																							
Northern Pin Oak	10		8																																							
White Oak	5		8																																							
248	42200 - Natural White Pine	Sawtimber Well	10.9	120	141-170	N/A	Stand difficult to access. Surrounded by lowland.																																			
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Northern White Cedar</td><td>5</td><td></td><td>12</td><td></td></tr><tr><td>Hemlock</td><td>5</td><td></td><td>16</td><td></td></tr><tr><td>Black/Red (Hybrid) Oak</td><td>10</td><td></td><td>22</td><td></td></tr><tr><td>White Pine</td><td>70</td><td></td><td>20</td><td>120</td></tr><tr><td>Red Maple</td><td>5</td><td></td><td>16</td><td></td></tr><tr><td>Bigtooth Aspen</td><td>5</td><td></td><td>14</td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Northern White Cedar	5		12		Hemlock	5		16		Black/Red (Hybrid) Oak	10		22		White Pine	70		20	120	Red Maple	5		16		Bigtooth Aspen	5		14	
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White Pine	High	Variable	Variable																																							
401	2113 - Forage Crops	Unspecified	5.9			Yes	Scattered low density jack pine.																																			
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