



# Compartment Review Presentation

Shingleton Forest Management Unit

Compartment 41157

Entry Year 2024

Acreage: 2,586

County Schoolcraft

Management Area: Seney Manistique Swamp

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**Stand Examiner:** Mario Molin

**Legal Description:**

T. 46N, R16W, Sections 21,22,23,26,27,28

**Identified Planning Goals:**

The main goal in this compartment is to conduct sound multiple resource management for the good of the citizens of the State of Michigan.

**Soil and topography:**

Land is mainly level with scattered sandy knolls/rises. Many lowland areas are interspersed between uplands.

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

An 80 acre private parcel is located within the Southeast corner of the Compartment. Additional private holdings are situated adjacent to the Compartment to the Northeast and Southeast. The Compartment is surrounded mainly by a large block of state property. Intensive forest cutting in a northern hardwoods type has occurred in the recent past on the private property setting immediately to the Northeast.

**Unique Natural Features:**

The rare northern blue butterfly (*Lycaeides idas nabokovi*, state threatened) has been recently documented in the compartment. This species typically occurs in open sandy or rocky habitats, including patches within jack pine or spruce forests and along right-of-ways. It is often associated with its larval host plant, dwarf bilberry (*Vaccinium cespitosum*, state threatened), which has been reported southwest of the compartment. Adults are typically active from early June through mid July, at which time eggs are laid on or near the host plant. This species does not migrate. Instead, eggs overwinter and hatch the following spring.

**Archeological, Historical, and Cultural Features:**

**Special Management Designations or Considerations:**

**Watershed and Fisheries Considerations:**

The eastern region of this compartment borders the Creighton River. The Creighton River is a designated Type 1 trout stream less than 50' width with a predicted mean July temperature of 64.8 °F (cold stream). 300' buffers are recommended for the Creighton River in riparian areas susceptible to Aspen regeneration. For areas not susceptible to Aspen regeneration, 100' plus 5' per 1% increase in slope; buffers are recommended to protect these areas in accordance with Best Management Practices.

**Wildlife Habitat Considerations:**

This compartment lies within the Seney Sand Lake Plain ecological sub-subsection. The growing season in this area is less than 100 days with extreme minimum winter temperatures of -46o F. Annual snowfall in this area averages approximately 150 inches.

The compartment falls within the Seney Manistique Swamp Management Area which highlights the following Featured Species: Moose, sharp-tailed grouse, snowshoe hare and white-tailed deer. This compartment lies within the marsh/low pine ridge complex. The land form has a general NNW to SSE slope with upland islands surrounded by marsh and lowland coniferous forests. General Land Office (GLO) Surveyor notes show the circa 1850 upland forest was dominated by a mixture of hemlock, white pine, yellow birch, and red maple. Balsam fir, beech, cedar and spruce were also recorded. Tamarack and black spruce were by far the dominant lowland forest species. However, cedar, white pine, hemlock, jack pine, white birch, and tag alder were also present. Windthrow, fire, flooding, and beaver ponding all likely played major roles in the natural disturbance regime. Surveyors mentioned beaver ponding activity during their work in the township. Current forests in this compartment are substantially different from the circa 1850 conditions. Jack pine is by far the dominant tree species within the compartment. Aspen is more prevalent than before. Northern hardwood stands contain more deciduous and less hemlock/white pine component than during pre-settlement times. Spruce and

tamarack are still the primary tree species in the lowland areas.

Wildlife habitat objectives in this compartment include maintaining age and structural diversity between conifer stands, maintaining wildlife travel corridors across the landscape, promoting within stand diversity in the northern hardwood areas, and protection the integrity of the sheet flow of water across the compartment.

Moose (Michigan special concern), and the northern blue butterfly (Michigan threatened) occur within this compartment. Other wildlife species of interest that may utilize this compartment include spring peepers, leopard frogs, great blue heron, northern harrier, red squirrel, and bobcat.

### **Mineral Resource and Development Concerns and/or Restrictions**

Surface sediments consist of lacustrine (lake) sand and gravel and peat and muck. There is insufficient data to determine the glacial drift thickness. The Ordovician Black River Group subcrops below the glacial drift. The Black River is used for stone/dolomite in the UP. Gravel pits are located three miles to the west and potential appears to be limited. There is no commercial oil and gas production in the UP.

### **Vehicle Access:**

Two primary 2-tracks provide access to the interior of the Compartment, West of the Creighton county road. Both are relatively drivable, though they also flood seasonally. One of the 2-tracks follows the East-West running powerline ROW. This road has many mucky, unstable areas which would pose access problems nearly year-round the further West you go. The 2-track becomes impassable at about the center of section 27, near the drain. The second 2-track is mainly a firm, sandy road which ends in unstable, mucky soil near the ¼ corner between sections 21 and 22. The Northwest corner of the Compartment is remote and inaccessible. A moderately hard-packed, passable 2-track provides loop access to the northern stands east of the Creighton road.

### **Survey Needs:**

### **Recreational Facilities and Opportunities:**

One dispersed campsite is situated along the northeast 2-track, near the Creighton River in section 22. This site is used by deer hunters. A second dispersed camping site is found near the Pines Powerline Substation, on the powerline ROW East of the Creighton road. This site is also used by deer hunters. ATV tracks are very numerous on the powerline ROW, especially during hunting seasons.

### **Fire Protection:**

Fire suppression equipment will have difficult access in most areas due to lack of roads and well-dispersed wetlands/drainages.

### **Additional Compartment Information:**

#### **The following reports from the Inventory are attached:**

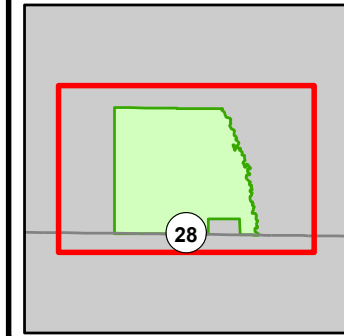
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

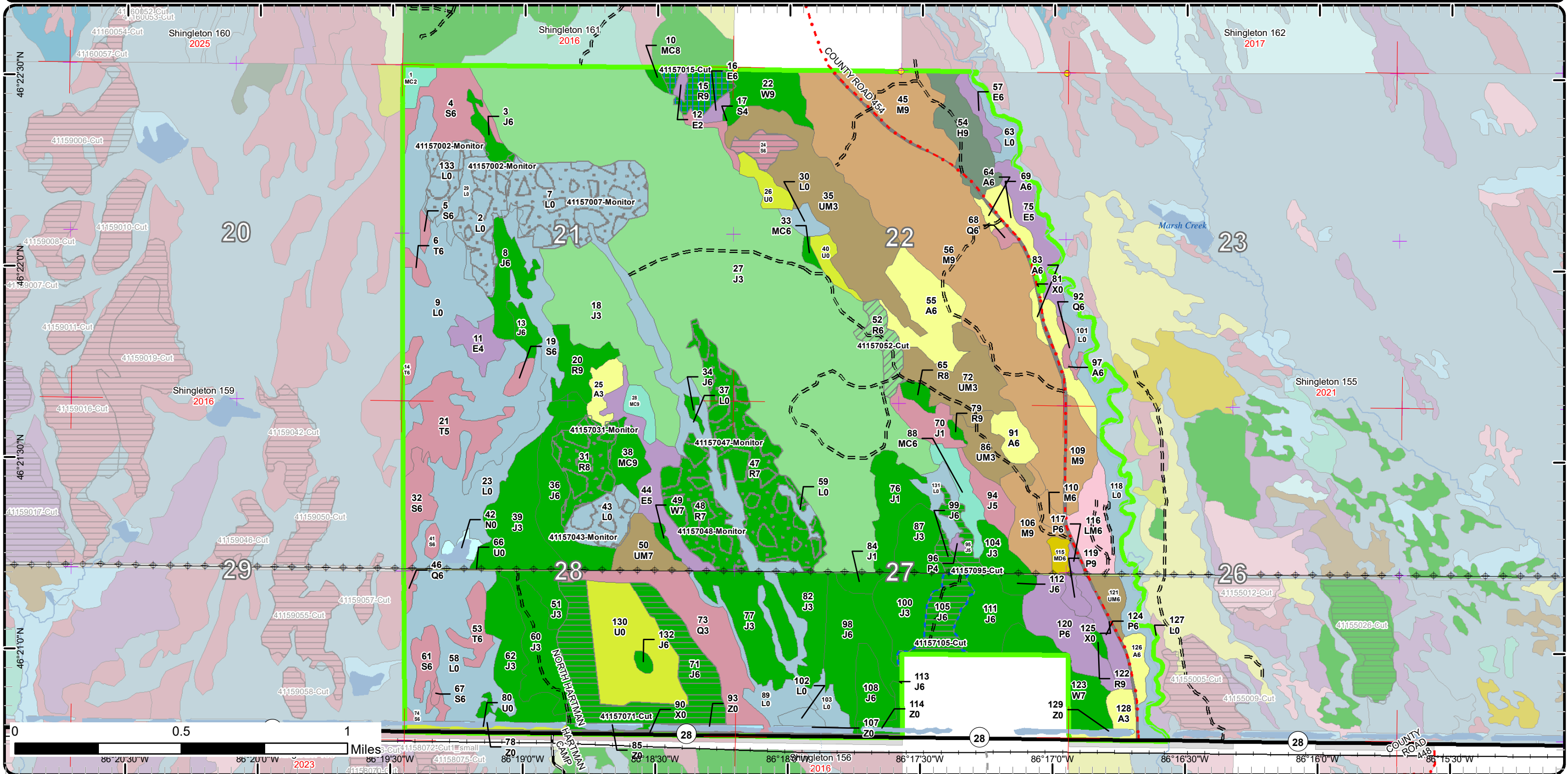
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

# Cover Type & Treatments Map

Compartment: 157  
 T46N, R16W, Sec: 21-23, 26-28  
 County: Schoolcraft  
 Unit: Shingleton  
 Mgmt Area: Seney Manistique Swamp  
 YOE: 2024  
 Acres: 2586.5 GIS Calculated  
 Examiner: Mario Molin  
 Map Revised: 8/17/2022  
 Map Phase: Web Post



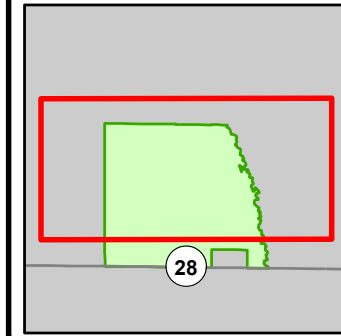
- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- - - Counties
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- == DNR - Forest Access Route
- Federal / State Highway
- Federal / State / County - Paved Road
- . - . County - Gravel Road
- - - Private - Dirt / Gravel Road
- Active Railroads
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Powerline
- Compartment Boundary
- Clearcut (w/Reserves)
- Seed Tree (w/Reserves)
- Thinning (Crown, Low, Systematic)
- Regeneration Survey
- 411 - Northern Hardwood
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 122 - Roads/Parking Lot
- 320 - Upland Shrub
- 330 - Low Density Trees
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland



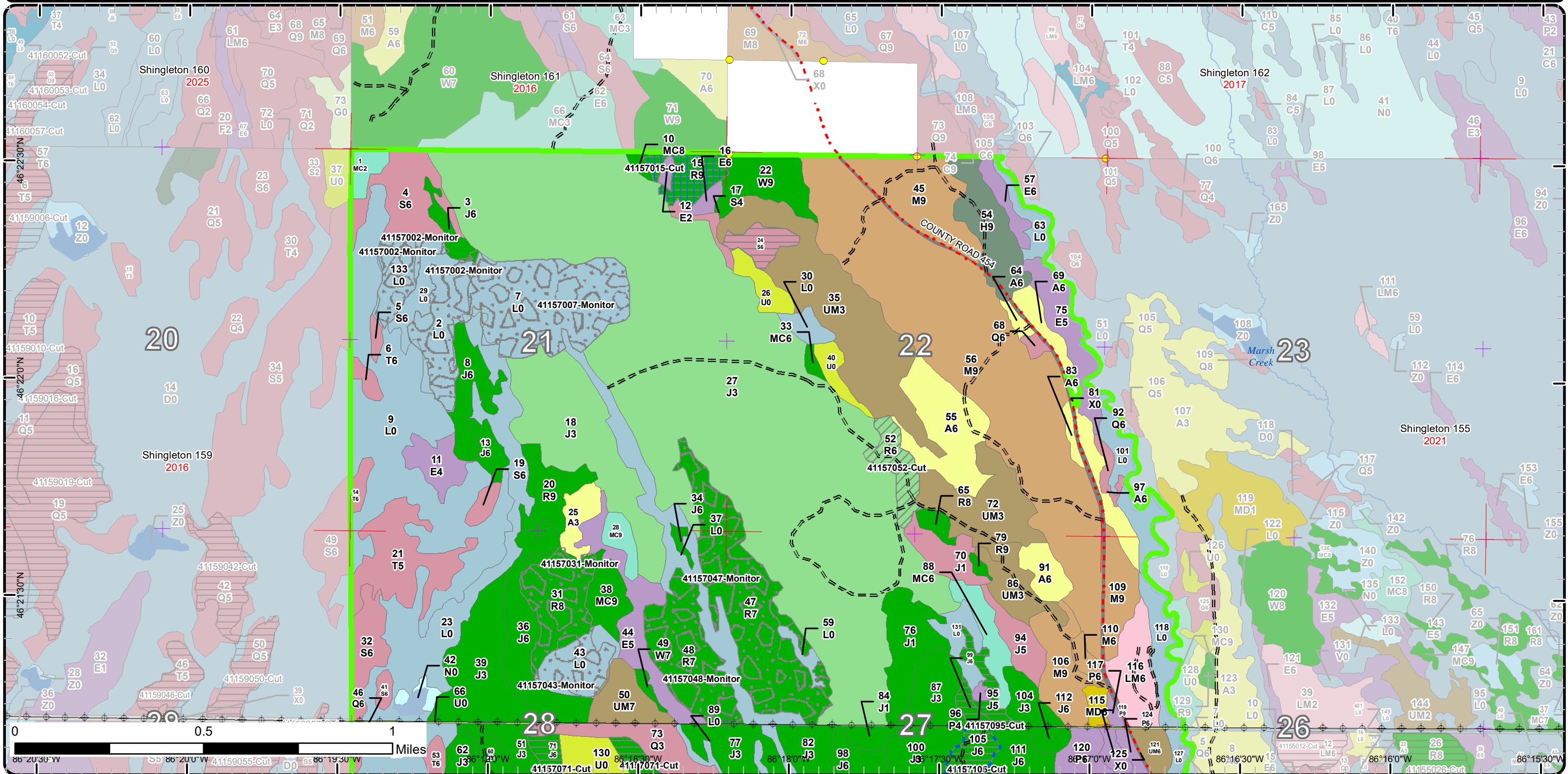


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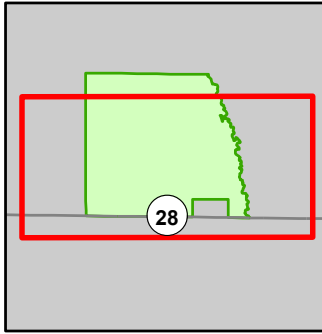
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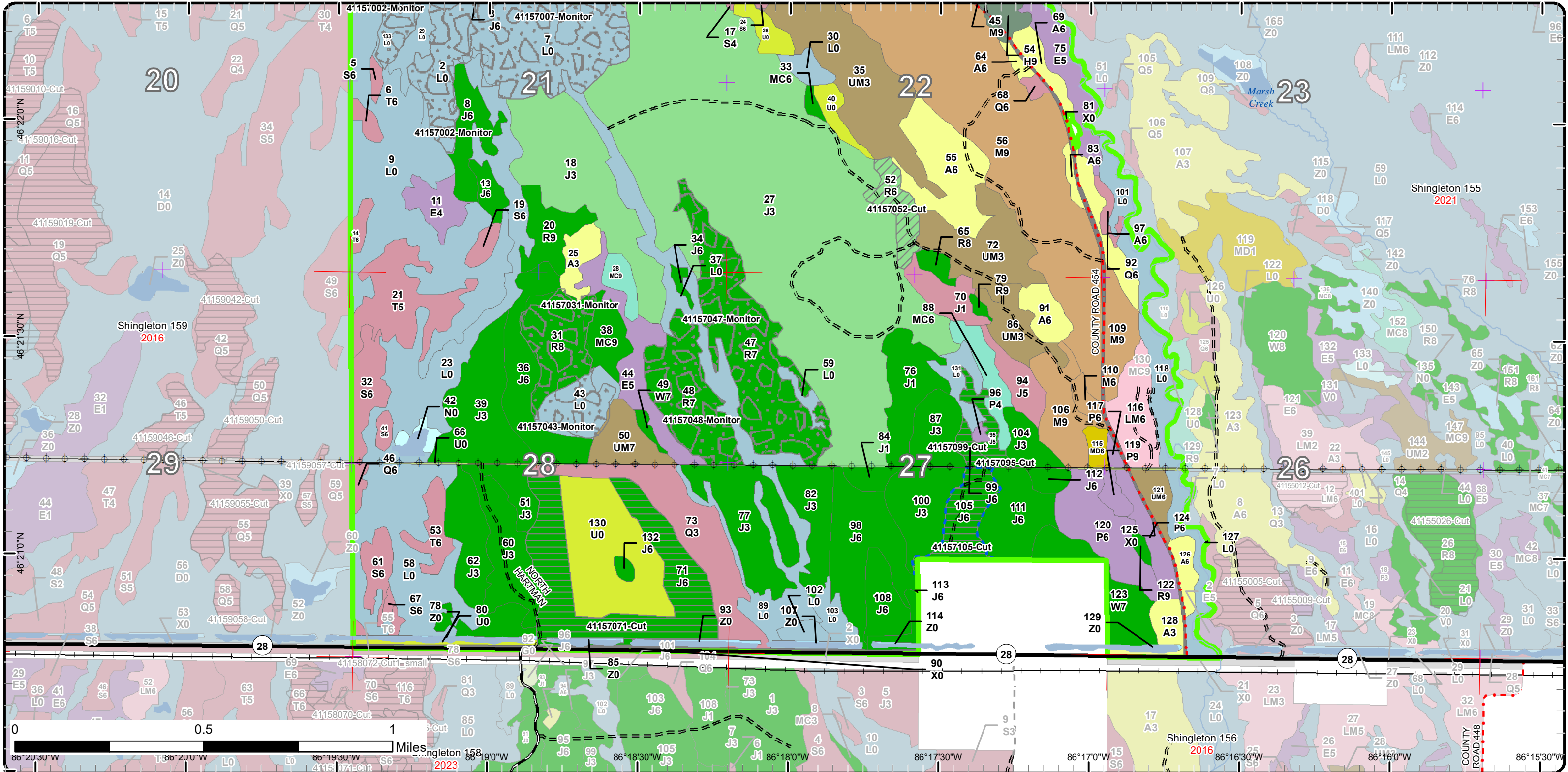


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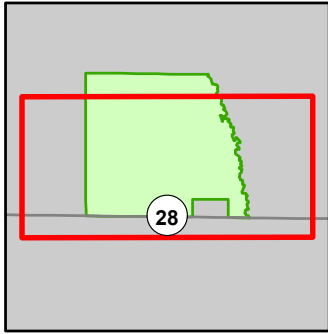




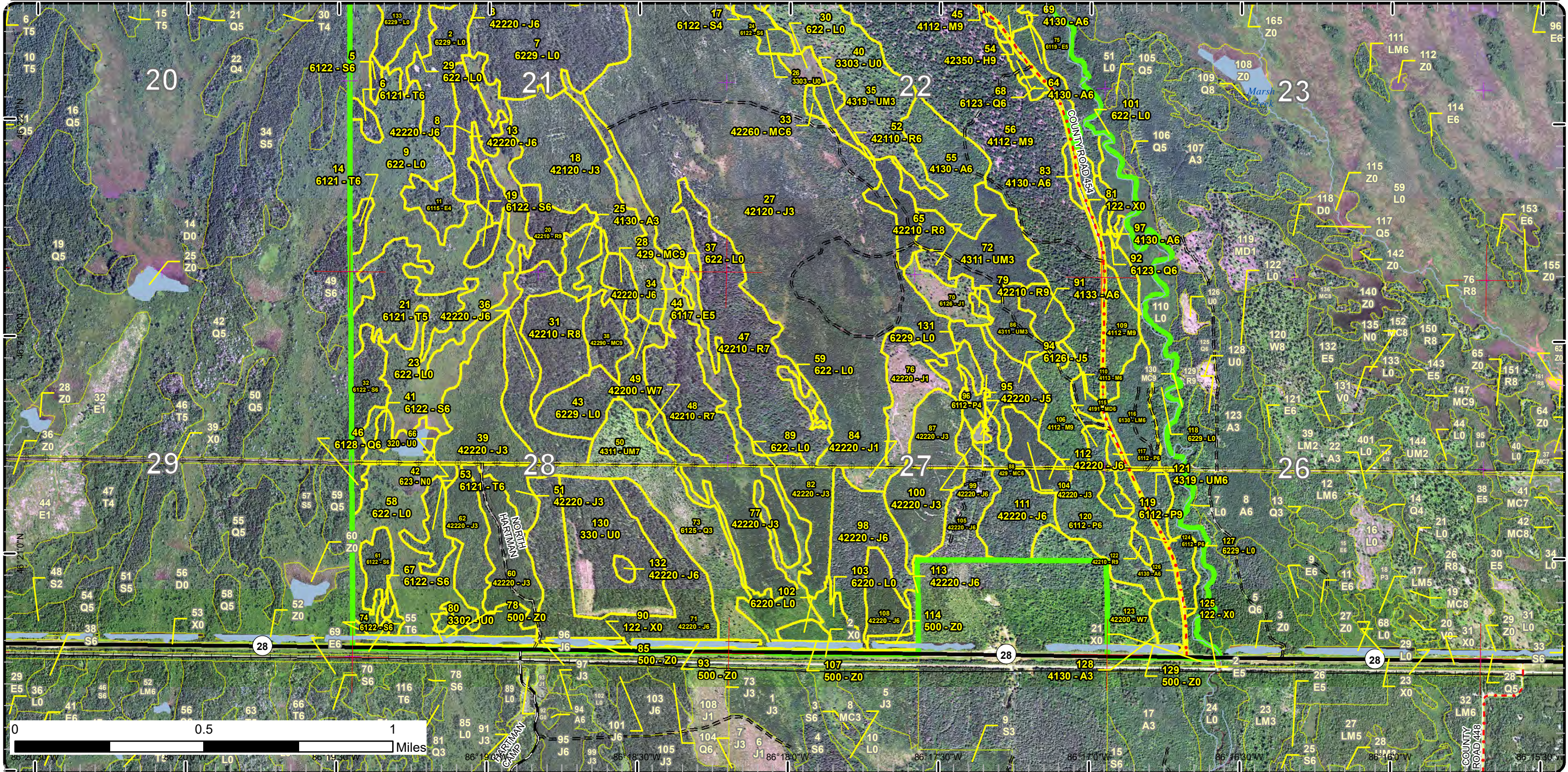


# Stand Boundary Map

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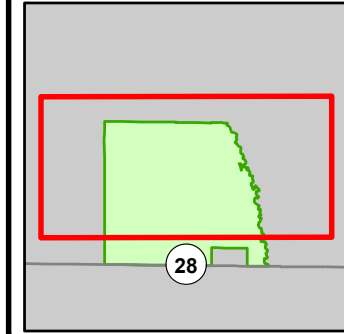
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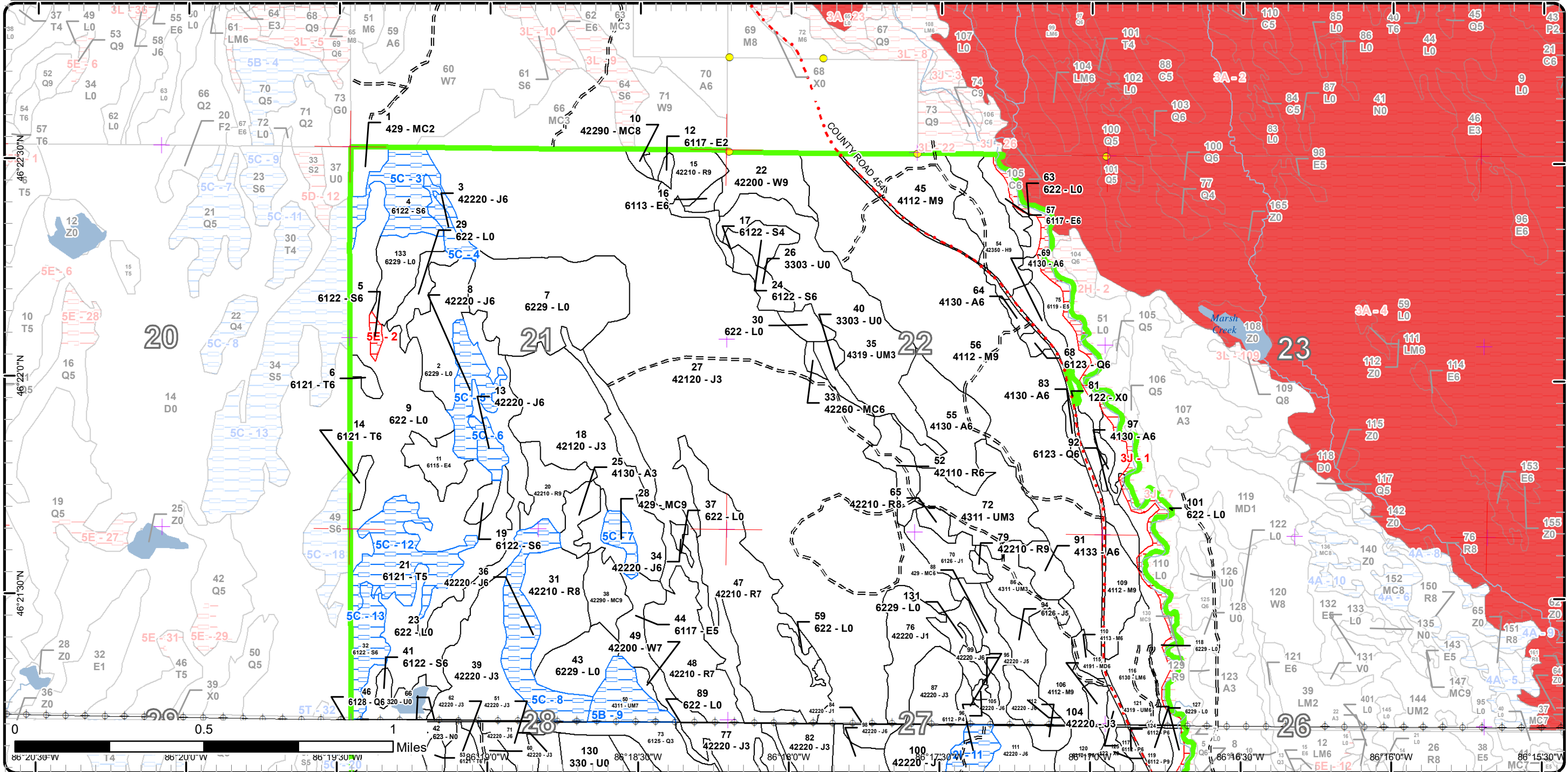


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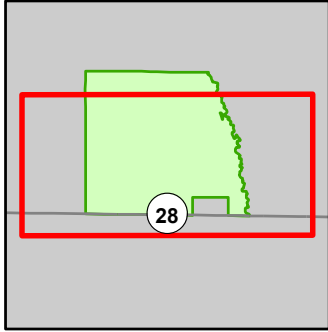
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- Compartment Boundary
- Available w/ Constraints
- 5B: Maintain for regeneration purposes
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- Unavailable
- 3J: Water quality / BMPs (stream, river, or lake)
- 5E: Long-Term Retention
- Stand Boundaries
- Ecological Reference Areas
- Cold Water Streams
- 2I: Survey needed



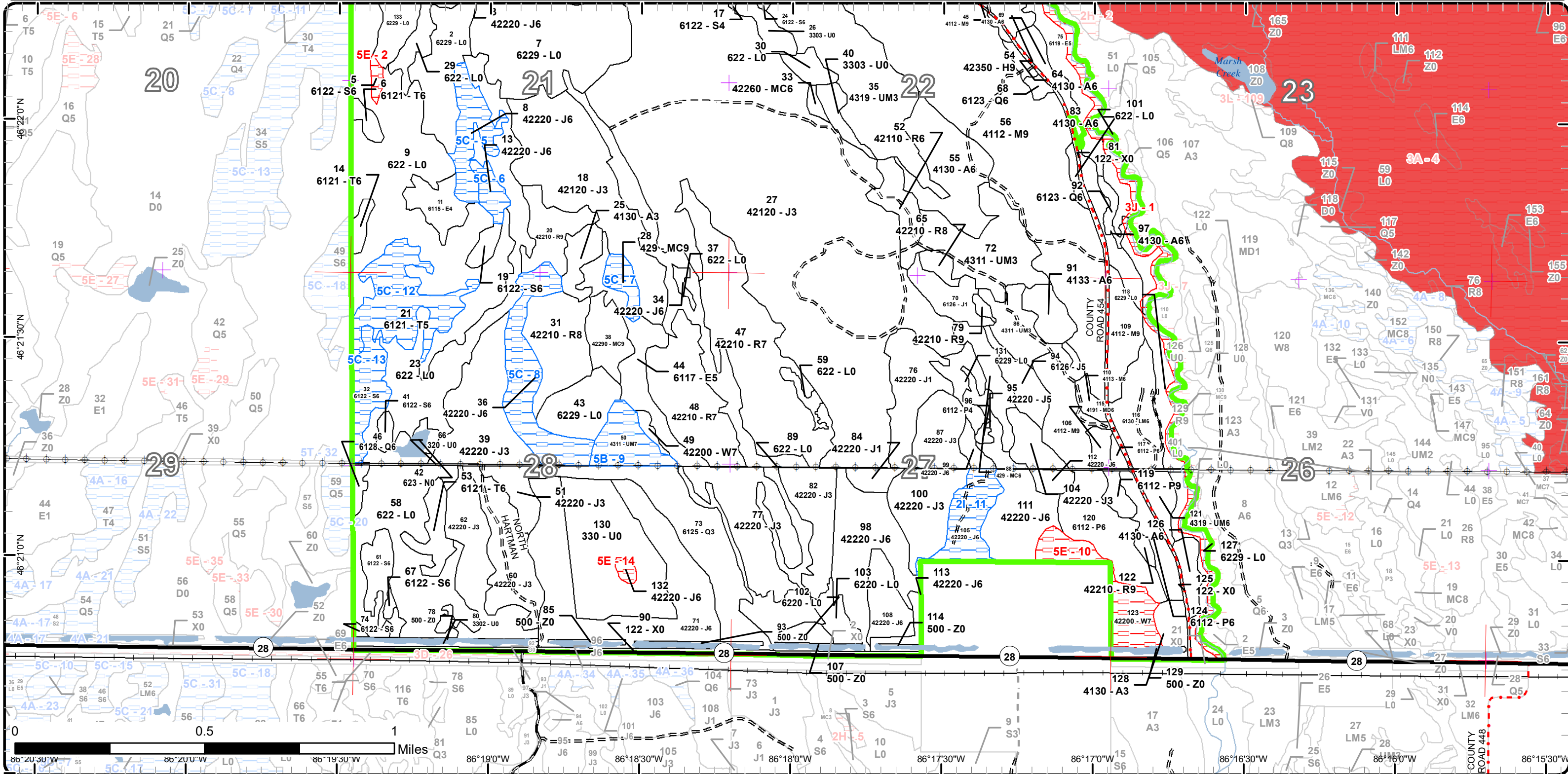


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- Stand Boundaries
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Report 1 – Total Acres by Cover Type and Age Class



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	0	9	8	49	19	0	0	0	0	0	0	0	0	0	0	0	0	85
Hemlock	0	0	0	0	0	0	0	0	0	0	0	0	23	0	0	0	0	0	23
Jack Pine	0	26	11	247	472	56	0	56	76	27	0	0	0	0	0	0	0	0	971
Low-Density Trees	67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	67
Lowland Aspen/Balsam Poplar	0	0	0	0	38	0	4	1	0	0	0	0	0	0	0	0	0	0	43
Lowland Conifers	0	0	40	0	0	5	0	0	0	0	3	0	0	0	0	0	0	0	48
Lowland Deciduous	0	0	0	0	0	2	59	0	3	0	0	0	0	0	0	0	0	0	64
Lowland Mixed Forest	0	0	0	0	19	0	0	0	0	0	0	0	0	0	0	0	0	0	19
Lowland Shrub	477	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	477
Lowland Spruce/Fir	0	0	0	0	0	10	0	6	4	26	15	8	0	0	0	0	0	0	69
Marsh	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Mixed Upland Deciduous	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4
Natural Mixed Pines	0	0	0	0	0	0	0	2	14	0	0	0	0	0	0	0	0	0	16
Northern Hardwood	0	0	0	0	0	0	0	4	0	0	242	0	0	0	0	0	0	0	246
Red Pine	0	0	0	0	12	0	0	17	139	5	0	0	0	0	0	0	0	0	171
Tamarack	0	0	0	0	0	9	34	0	3	0	0	0	0	0	0	0	0	0	46
Upland Conifers	0	0	6	0	0	0	0	11	0	0	0	6	0	0	0	0	0	0	23
Upland Mixed Forest	0	0	0	0	53	0	0	14	0	0	0	67	0	0	0	0	0	0	134
Upland Shrub	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Urban	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23
Water	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
White Pine	0	0	0	0	0	0	0	0	0	20	2	20	0	0	0	0	0	0	42
<b>Total</b>	<b>583</b>	<b>26</b>	<b>66</b>	<b>255</b>	<b>643</b>	<b>105</b>	<b>97</b>	<b>67</b>	<b>130</b>	<b>226</b>	<b>267</b>	<b>34</b>	<b>90</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2586</b>





## Report 2 – Treatment Summary

Shingleton Mgt. Unit  
Year of Entry: 2024

Compartment 157  
Total Compartment Acres: 2,586

### Acres of Harvest

Commercial Harvest - 107  
Harvests with Site Condition - 17  
Next Step Harvest - 0  
Habitat Cut - 0

### Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overstory Removal	Salvage	Other	Total Acres
Jack Pine	91	0	0	0	0	0	0	0	0	91
Lowland Spruce/Fir	8	0	0	0	0	0	0	0	0	8
Red Pine	0	0	0	13	0	12	0	0	0	25
<b>Total</b>	<b>99</b>	<b>0</b>	<b>0</b>	<b>13</b>	<b>0</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>124</b>

### Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	124	0	0	0	0	0	235	0	0	359
Next Step	0	194	91	0	0	0	337	0	0	622
<b>Total</b>	<b>124</b>	<b>194</b>	<b>91</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>572</b>	<b>0</b>	<b>0</b>	<b>981</b>





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

15	41157015-Cut	12.6	42210 - Natural Red Pine	Sawtimber Well	83	51-80	Harvest	Seed Tree with Retention	4221 - Natural Red Pine	Two-Aged	No
<p><u>Prescription</u> Seedtree cut, residual of 20-30 BA of pine. residual 20-30BA of pine will serve as long term retention.  <u>Specs:</u>  <u>Next Step</u> SitePrep, Scarification; Monitoring, Natural Regen (Re-Inventory)  <u>Treatments:</u>  <u>Acceptable</u> Any mix of species.  <u>Regen:</u>  <u>Other</u>  <u>Comment:</u>  <u>Site Condition:</u>  <u>Proposed Start Date:</u> 10/1 /2023</p>											
24	41157024-Cut	8.1	6122 - Black Spruce	Poletimber Well	106	111-140	Harvest	Clearcut	612 - Lowland Coniferous Forest	Even-Aged	No
<p><u>Prescription</u> Clearcut without retention due to size.  <u>Specs:</u>  <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)  <u>Treatments:</u>  <u>Acceptable</u> Lowland species.  <u>Regen:</u>  <u>Other</u>  <u>Comment:</u>  <u>Site Condition:</u>  <u>Proposed Start Date:</u> 10/1 /2023</p>											
52	41157052-Cut	12.1	42110 - Planted Red Pine	Poletimber Well	36	81-110	Harvest	Systematic Thinning	4211 - Planted Red Pine	Even-Aged	No
<p><u>Prescription</u> First entry thinning.  <u>Specs:</u>  <u>Next Step</u>  <u>Treatments:</u>  <u>Acceptable</u>  <u>Regen:</u>  <u>Other</u>  <u>Comment:</u>  <u>Site Condition:</u>  <u>Proposed Start Date:</u> 10/1 /2023</p>											





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Treatment ID	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
71	41157071-Cut	63.4	42220 - Natural Jack Pine	Poletimber Well	74	81-110	Harvest	Clearcut with Retention	4222 - Natural Jack Pine	Even-Aged	No
<p><u>Prescription</u> Clearcut with retention. Consider leaving strips on both sides of the drainages.  <u>Specs:</u>  <u>Next Step</u> SitePrep, Scarification; Monitoring, Natural Regen (Re-Inventary); Monitoring, Natural Regen (Intermediate); SitePrep, Trenching; Planting,  <u>Treatments:</u> Initial Plant; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr)  <u>Acceptable</u> Jack pine  <u>Regen:</u>  <u>Other</u>  <u>Comment:</u>  <u>Site Condition:</u>  <u>Proposed Start Date:</u> 10/1 /2023</p>											
95	41157095-Cut	6.9	42220 - Natural Jack Pine	Poletimber Medium	75	51-80	Harvest	Clearcut	4222 - Natural Jack Pine	Even-Aged	No
<p><u>Prescription</u> Clearcut no retention due to size.  <u>Specs:</u>  <u>Next Step</u> SitePrep, Scarification; Monitoring, Natural Regen (Intermediate); SitePrep, Trenching; Planting, Initial Plant; Monitoring, Artificial Regen(1yr)  <u>Treatments:</u>  <u>Acceptable</u> Jack pine.  <u>Regen:</u>  <u>Other</u>  <u>Comment:</u>  <u>Site Condition:</u>  <u>Proposed Start Date:</u> 10/1 /2023</p>											
99	41157099-Cut	3.6	42220 - Natural Jack Pine	Poletimber Well	71	81-110	Harvest	Clearcut	4222 - Natural Jack Pine	Even-Aged	No
<p><u>Prescription</u> Clear cut, no retention due to size.  <u>Specs:</u>  <u>Next Step</u> SitePrep, Scarification; Monitoring, Natural Regen (Intermediate); Monitoring, Natural Regen (Intermediate); SitePrep, Trenching; Planting,  <u>Treatments:</u> Initial Plant; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr)  <u>Acceptable</u> Jack pine  <u>Regen:</u>  <u>Other</u>  <u>Comment:</u>  <u>Site Condition:</u>  <u>Proposed Start Date:</u> 10/1 /2023</p>											
105	41157105-Cut	17.0	42220 - Natural Jack Pine	Poletimber Well	83	81-110	Harvest	Clearcut with Retention	4222 - Natural Jack Pine	Even-Aged	No
<p><u>Prescription</u> Clearcut with retention. Not sure where to do retention...Utility line runs through stand to private.  <u>Specs:</u>  <u>Next Step</u> SitePrep, Scarification; Monitoring, Natural Regen (Intermediate); SitePrep, Trenching; Monitoring, Artificial Regen(1yr); Planting, Initial Plan  <u>Treatments:</u>  <u>Acceptable</u> Jack pine  <u>Regen:</u>  <u>Other</u>  <u>Comment:</u>  <u>Site Condition:</u> Survey Needed  <u>Proposed Start Date:</u> 10/1 /2023</p>											





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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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**Approved Treatments:**

<b>133</b>	<b>41157002-Monitor</b>	9.1	6229 - Mixed lowland shrub	Nonstocked	0		Monitoring	Natural Regen (Re-Inventory)	6122 - Black Spruce	Even-Aged	No	<p><u>Prescription Specs:</u></p> <p><u>Next Step Treatments:</u></p> <p><u>Acceptable Regen:</u> any species</p> <p><u>Other Comment:</u> Percent to Treat = 100%</p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 2 /10/2021</p>
<b>2</b>	<b>41157002-Monitor</b>	28.3	6229 - Mixed lowland shrub	Nonstocked	0	Unspecified	Monitoring	Natural Regen (Re-Inventory)	6122 - Black Spruce	Even-Aged	No	<p><u>Prescription Specs:</u></p> <p><u>Next Step Treatments:</u></p> <p><u>Acceptable Regen:</u> any species</p> <p><u>Other Comment:</u> Percent to Treat = 100%</p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 2 /10/2021</p>
<b>133</b>	<b>41157002-Monitor</b>	9.1	6229 - Mixed lowland shrub	Nonstocked	0		Monitoring	Natural Regen (Re-Inventory)	6122 - Black Spruce	Even-Aged	No	<p><u>Prescription Specs:</u></p> <p><u>Next Step Treatments:</u></p> <p><u>Acceptable Regen:</u> any species</p> <p><u>Other Comment:</u> Percent to Treat = 100%</p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 2 /10/2021</p>
<b>2</b>	<b>41157002-Monitor</b>	28.3	6229 - Mixed lowland shrub	Nonstocked	0	Unspecified	Monitoring	Natural Regen (Re-Inventory)	6122 - Black Spruce	Even-Aged	No	<p><u>Prescription Specs:</u></p> <p><u>Next Step Treatments:</u></p> <p><u>Acceptable Regen:</u> any species</p> <p><u>Other Comment:</u> Percent to Treat = 100%</p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 2 /10/2021</p>





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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
<b>7 41157007-Monitor</b>	57.8	6229 - Mixed lowland shrub	Nonstocked	0	Unspecified	Monitoring	Natural Regen (Intermediate)	6126 - Lowland Jack Pine	Even-Aged	No
<p><u>Prescription</u></p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Any species currently growing on site.</p> <p><u>Regen:</u></p> <p><u>Other</u> Percent to Treat = 100%</p> <p><u>Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>										
<b>31 41157031-Monitor</b>	24.7	42210 - Natural Pine	Red Sawtimber Medium	87	51-80	Monitoring	Natural Regen (Re-Inventory)	42210 - Natural Red Pine	Uneven-Aged	No
<p><u>Prescription</u></p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> any pine species</p> <p><u>Regen:</u></p> <p><u>Other</u> Percent to Treat = 100%</p> <p><u>Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2031</p>										
<b>43 41157043-Monitor</b>	14.7	6229 - Mixed lowland shrub	Nonstocked	0	Unspecified	Monitoring	Natural Regen (Intermediate)	6126 - Lowland Jack Pine	Even-Aged	No
<p><u>Prescription</u></p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> any pine species</p> <p><u>Regen:</u></p> <p><u>Other</u> Percent to Treat = 100%</p> <p><u>Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>										
<b>47 41157047-Monitor</b>	65.7	42210 - Natural Pine	Red Sawtimber Poor	87	1-50	Monitoring	Natural Regen (Intermediate)	6126 - Lowland Jack Pine	Even-Aged	No
<p><u>Prescription</u></p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Jack Pine and any other mix of species.</p> <p><u>Regen:</u></p> <p><u>Other</u> Percent to Treat = 100%</p> <p><u>Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>										





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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
48 41157048-Monitor	35.0	42210 - Natural Red Pine	Sawtimber Poor	85	1-50	Monitoring	Natural Regen (Intermediate)	6126 - Lowland Jack Pine	Even-Aged	No
<p><u>Prescription</u></p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Jack pine with any mix of species.</p> <p><u>Regen:</u></p> <p><u>Other</u> Percent to Treat = 100%</p> <p><u>Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>										

Total Treatment 359  
Acreage Proposed:



## Report 4 – Site Conditions

Shingleton Mgt. Unit

Mario Molin : Examiner

Compartment: 157

Year of Entry: 2024

### Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	Dominant Site Conditions							
		With Condition	Not Available		2I	5B	5C	3D	3J	3L	5E	
85	85	0	0	Aspen					0			
23	23	0	0	Hemlock						0		
973	898	73	2	Jack Pine	17		56					2
67	67	0	0	Low-Density Trees								
43	43	0	0	Lowland Aspen/Balsam Poplar								
48	48	0	0	Lowland Conifers					0			
63	56	0	7	Lowland Deciduous					7			
19	19	0	0	Lowland Mixed Forest								
477	450	0	27	Lowland Shrub					27			
69	29	38	2	Lowland Spruce/Fir			38					2
4	4	0	0	Marsh								
4	4	0	0	Mixed Upland Deciduous								
16	16	0	0	Natural Mixed Pines						0		
246	246	0	0	Northern Hardwood					0	0		
171	171	0	0	Red Pine								
47	16	31	0	Tamarack			31					
23	17	6	0	Upland Conifers			6					
134	119	14	0	Upland Mixed Forest		14						
3	3	0	0	Upland Shrub					0			
23	23	0	0	Urban				0				
9	9	0	0	Water								
41	21	0	20	White Pine								20
2,586	2,367	162	58	Total Forested Acres	17	14	131	0	34	0		24
	92%	6%	2%	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)	34	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							



Report 4 – Site Conditions

Shingleton Mgt. Unit  
Mario Molin : Examiner

Compartment: 157  
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2	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
3	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	24	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
4	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	16	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							



**Report 4 – Site Conditions**

Shingleton Mgt. Unit  
Mario Molin : Examiner

Compartment: 157  
Year of Entry: 2024

8	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	29	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
9	Available	5B: Maintain for regeneration purposes	14	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
10	Unavailable	5E: Long-Term Retention	20	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
11	Available	2I: Survey needed	17	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
12	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	31	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
13	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	14	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							



**Report 4 – Site Conditions**

**Shingleton Mgt. Unit**

**Mario Molin : Examiner**

**Compartment: 157**

**Year of Entry: 2024**

14	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

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				
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**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.
ERA	Ecological Reference Areas	Ecological Reference Areas (ERAs) are high quality examples of natural communities that have been identified as Element Occurrences (EOs) by the Michigan Natural Features Inventory (MNFI) within the context of their natural community classification system. Element Occurrences with viability ranks of A (Excellent) or B (Good) and a Global (G) or State (S) element (rarity) ranking of endangered (1), threatened (2), or rare (3) serve as an initial base of ERAs. They may be located upon any ownership in the State. The system is comprised of individual or associations of natural community types that are managed for restoration and maintenance of natural ecological processes and values. The public may submit recommendations for lands as ERAs using the DNR Conservation Area Recommendation Form.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																					
1	429 - Mixed Upland Conifers	Sapling Medium	5.8	16	Immature	N/A	stand cut in 2009 (camp conifers) seeded winter 2016 on snowmobile to JP. FTP:1658 regen check needed after 10/1/2019. Passed regen check 2019.																																					
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2	6229 - Mixed lowland shrub	Nonstocked	23.7	0	Unspecified	612 - Lowland Coniferous Forest	41-019-14 Powerline pine units1. TCR: 12/9/20																																					
3	42220 - Natural Jack Pine	Poletimber Well	5.9	68	51-80	N/A	Add to C159 when adjacent stands get cut.																																					
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5	6122 - Black Spruce	Poletimber Well	1.9	85	51-80	N/A	Retention for 41-019-14 Powerline pine units1. TCR: 12/9/20																																					
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6	6121 - Tamarack	Poletimber Well	3.3	78	51-80	N/A	Add to C159 when adjacent stands get cut.																																					
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8	42220 - Natural Jack Pine	Poletimber Well	16.0	60	81-110	N/A																																						
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Red Maple	Low	Variable	Sapling																																									
9	622 - Lowland Shrub	Nonstocked	103.7		Unspecified	No																																						





Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
10	42290 - Natural Mixed Pine	Sawtimber Medium	2.0	81	1-50	N/A	Old cut looks to have been a jack pine clear cut with red and white pine reserved.		
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Red Pine		55	Log	14	81	White Pine	Low	Variable	Sapling
White Pine		45	Log	16		Jack Pine	Low	Variable	Sapling
						Black Spruce	Low	Variable	Sapling
11	6115 - Lowland Ash	Poletimber Poor	10.7	50	1-50	N/A	2022- Stand was not cut, mostly dead during time of harvest.		
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Black Ash		90	Pole	6	50	Tag Alder	High	5 - 10 feet	Tall Shrub
Black Spruce		10	Pole	6					
12	6117 - Lowland Deciduous, Mixed Coniferous	Sapling Medium	1.6	47	1-50	N/A			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Red Maple		50	Pole/Sapling	5	47	Alder	Medium	Variable	Tall Shrub
Paper Birch		15	Sapling	3					
Black Spruce		15	Sapling/Pole	3					
White Pine		20	Sapling/Pole	3					
13	42220 - Natural Jack Pine	Poletimber Well	5.8	66	81-110	N/A			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Jack Pine		95	Pole	8	66	Black Spruce	Low	Variable	Sapling
Black Spruce		5	Pole	6		Tamarack	Low	Variable	Sapling
14	6121 - Tamarack	Poletimber Well	3.3	58	51-80	N/A	Add to C159 when adjacent stands get cut.		
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Black Spruce		50	Pole	6		Black Spruce	Low	Variable	Sapling
Tamarack		50	Pole	8	58	Balsam Fir	Low	Variable	Sapling
15	42210 - Natural Red Pine	Sawtimber Well	12.6	83	51-80	N/A			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>				
Red Pine		85	XLog/Log	18	83				
White Pine		15	XLog/Log	18					
16	6113 - Lowland Maple	Poletimber Well	2.8	75	51-80	N/A			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
White Pine		25	Log	10		Black Spruce	Low	Variable	Sapling
Black Spruce		5	Pole	6		Balsam Fir	Low	Variable	Sapling
Red Maple		70	Pole	6	75				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
17	6122 - Black Spruce	Poletimber Poor	3.4	78	51-80	N/A			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Black Spruce		75	Pole	8	78	Black Spruce	Medium	Variable	Sapling
Jack Pine		20	Pole	8					
White Pine		5	Log	16					
18	42120 - Planted Jack Pine	Sapling Well	59.6	29	Unspecified	N/A			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>				
Tamarack		5	Sapling	3					
Jack Pine		75	Sapling	3	29				
Black Spruce		20	Sapling	3					
19	6122 - Black Spruce	Poletimber Well	3.7	62	51-80	N/A			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Black Spruce		70	Pole	5	62	Red Maple	Low	Variable	Sapling
Tamarack		25	Pole	5		Black Spruce	Medium	Variable	Sapling
Red Maple		5	Pole	5		Tamarack	Low	Variable	Sapling
20	42210 - Natural Red Pine	Sawtimber Well	14.7	73	81-110	N/A			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Red Pine		85	Log	14	73	White Pine	Low	Variable	Sapling
Jack Pine		15	Pole	6		Black Spruce	Low	Variable	Sapling
21	6121 - Tamarack	Poletimber Medium	30.6	58	1-50	N/A	Add to C159 when adjacent stands get cut.		
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Black Spruce		15	Pole/Sapling	5		Red Maple	Low	Variable	Sapling
Balsam Fir		15	Pole/Sapling	5		Balsam Fir	Low	Variable	Sapling
Tamarack		70	Pole	8	58	Black Spruce	Low	Variable	Sapling
22	42200 - Natural White Pine	Sawtimber Well	19.5	83	51-80	N/A			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
White Pine		90	XLog/Log	18	83	White Pine	Medium	Variable	Sapling
Hemlock		10	Log	14	83	Balsam Fir	Medium	Variable	Sapling
						Bigtooth Aspen	Medium	Variable	Sapling
						Red Maple	Medium	Variable	Sapling
23	622 - Lowland Shrub	Nonstocked	56.7		Unspecified	No			





Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
24	6122 - Black Spruce	Poletimber Well	8.1	106	111-140	N/A			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
White Pine		2	XLog	22		Black Spruce	Low	Variable	Sapling
Black Spruce		98	Pole	8	106	Red Maple	Low	Variable	Sapling
25	4130 - Aspen	Sapling Well	8.3	24	Immature	N/A			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Black Spruce		5	Sapling	2		Black Spruce	Low	Variable	Sapling
White Pine		5	Sapling	3		White Pine	Low	Variable	Sapling
Bigtooth Aspen		90	Sapling	3	24	Balsam Fir	Low	Variable	Sapling
26	3303 - Mixed Low Density Trees	Nonstocked	7.6		Unspecified	No			
<b>Sub-Canopy Species</b>		<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>					
Red Maple		Low		Sapling					
Tag Alder		Medium		Tall Shrub					
Black Spruce		Low		Sapling					
27	42120 - Planted Jack Pine	Sapling Well	440.9	33	Unspecified	N/A			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>				
Jack Pine		100	Sapling	3	33				
28	429 - Mixed Upland Conifers	Sawtimber Well	6.0	107	51-80	N/A			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Paper Birch		5	Pole	6		Black Spruce	Low	Variable	Sapling
Black Spruce		40	Pole	6		Paper Birch	Low	Variable	Sapling
White Pine		55	Log	18	107	Red Maple	Low	Variable	Sapling
29	622 - Lowland Shrub	Nonstocked	8.4		Unspecified	No			
30	622 - Lowland Shrub	Nonstocked	5.2		Unspecified	No			
31	42210 - Natural Red Pine	Sawtimber Medium	24.5	87	51-80	N/A	Powerline Pine 41-019-14-01 unit 3. TCR:12/9/20		
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Red Pine		100	Log	14	87	Beech	Low	Variable	Sapling
						Red Maple	Low	Variable	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																							
<b>32</b>	6122 - Black Spruce	Poletimber Well	14.0	95	51-80	N/A	Add to C159 when adjacent stands get cut.																																																							
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<b>33</b>	42260 - Natural Pine, Mixed Deciduous	Poletimber Well	1.8	73	81-110	N/A																																																								
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<b>34</b>	42220 - Natural Jack Pine	Poletimber Well	1.8	86	51-80	N/A																																																								
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<b>35</b>	4319 - Mixed Upland Forest	Sapling Well	66.7	117	1-50	N/A	cut in 2010																																																							
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<b>37</b>	622 - Lowland Shrub	Nonstocked	34.3		Unspecified	No																																																								





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<b>38</b>	42290 - Natural Mixed Pine	Sawtimber Well	12.1	87	81-110	N/A																																											
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<b>41</b>	6122 - Black Spruce	Poletimber Well	2.5	67	111-140	N/A	Spruce 50 60 40 Fir 50 30 50 W pine 20 10 30 Tam 10 20 0 R pine 10 0 0																																										
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<b>42</b>	623 - Emergent Wetland	Nonstocked	4.3		Unspecified	No																																											
<b>43</b>	6229 - Mixed lowland shrub	Nonstocked	17.1	0	Unspecified	612 - Lowland Coniferous Forest	Powerline Pine 41-019-14-01 unit 4. TCR: 12/9/20 Scarified summer 2021 by holli.																																										
<b>44</b>	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Medium	22.3	55	51-80	N/A																																											
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46	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	2.6	95	81-110	N/A																																															
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47	42210 - Natural Red Pine	Sawtimber Poor	65.8	87	1-50	N/A	41-19-14-01 powerline Pine units 7-8. TCR: 12/9/20 Scarified by Holli Summer 2021.																																														
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48	42210 - Natural Red Pine	Sawtimber Poor	35.1	85	1-50	N/A	41-19-10-01 Powerline Pine unit 6. TCR:12/9/20 Scarified by holli summer 2021.																																														
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49	42200 - Natural White Pine	Sawtimber Poor	1.8	97	51-80	N/A																																															
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50	4311 - Pine, Aspen Mix	Sawtimber Poor	14.1	73	1-50	N/A	FTP C41-1206 cancelled prematurely New FTP C41-1536. checked fall 2018, passed mostly JP and Aspen. Red did not seed in. Area was Scarified in 2012 by DNR resources at a cost of \$618.00 Regeneration count is scheduled for 2016 Cut in 2005																																														
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51	42220 - Natural Jack Pine	Sapling Well	8.8	25	Immature	N/A																																															
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
52	42110 - Planted Red Pine	Poletimber Well	12.1	36	81-110	N/A			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>				
Red Pine		100	Pole	7	36				
53	6121 - Tamarack	Poletimber Well	9.4	44	51-80	N/A			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Black Spruce		30	Pole	6		Jack Pine	Low	Variable	Sapling
Red Maple		10	Pole	6		Black Spruce	Low	Variable	Sapling
Tamarack		60	Pole	6	44	Balsam Fir	Low	Variable	Sapling
54	42350 - Upland Hemlock	Sawtimber Well	23.3	112	111-140	N/A			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Hemlock		75	Log	14	112	Beech	Low	Variable	Sapling
Red Maple		25	Pole	8		Balsam Fir	Low	Variable	Sapling
						Hemlock	Medium	Variable	Sapling
						Red Maple	Low	Variable	Sapling
55	4130 - Aspen	Poletimber Well	31.5	30	Immature	N/A			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Red Maple		5	Sapling	4		Balsam Fir	Low	Variable	Sapling
Paper Birch		5	Sapling	4		Red Maple	Low	Variable	Sapling
Bigtooth Aspen		80	Pole/Sapling	5	30				
Balsam Fir		10	Pole/Sapling	5					
56	4112 - Maple, Beech, Cherry Association	Sawtimber Well	176.9	95	51-80	N/A			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Black Cherry		2	Log	12		Beech	High	Variable	Sapling
Sugar Maple		8	Log	12		Red Maple	Medium	Variable	Sapling
Red Maple		85	Log	12	95				
Beech		5	Log	14					
57	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Well	6.1	55	1-50	N/A			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Balsam Fir		25	Pole/Sapling	6		Hemlock	Low	Variable	Sapling
Northern White Cedar		5	Pole/Sapling	6		Balsam Fir	Low	Variable	Sapling
Paper Birch		5	Sapling	4		Red Maple	Low	Variable	Sapling
Black Ash		20	Sapling	4					
Quaking Aspen		10	Pole	6					
Red Maple		35	Pole/Sapling	6	55				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																				
58	622 - Lowland Shrub	Nonstocked	54.5		Unspecified	No																																					
59	622 - Lowland Shrub	Nonstocked	3.1		Unspecified	No																																					
60	42220 - Natural Jack Pine	Sapling Well	25.0	25	Immature	N/A																																					
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61	6122 - Black Spruce	Poletimber Well	10.0	40	1-50	N/A																																					
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size																																			
Hemlock	2	XLog/Log	18	112	Hemlock	Low	Variable	Sapling																																			
Quaking Aspen	78	Pole	6	37	Balsam Fir	Low	Variable	Sapling																																			
Red Maple	20	Pole	8																																								
65	42210 - Natural Red Pine	Sawtimber Medium	3.6	91	1-50	N/A																																					
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size																																			
Red Pine	90	Log	14	91	White Pine	Low	Variable	Sapling																																			
Paper Birch	5	Log	14		Black Spruce	Low	Variable	Sapling																																			
White Pine	5	Pole	8																																								
66	320 - Upland Shrub	Nonstocked	3.2		Unspecified	No																																					
67	6122 - Black Spruce	Poletimber Well	1.1	94	81-110	N/A																																					
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tamarack</td> <td>10</td> <td>Pole</td> <td>6</td> <td></td> <td>Black Spruce</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Black Spruce</td> <td>90</td> <td>Pole</td> <td>6</td> <td>94</td> <td>Red Maple</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	Tamarack	10	Pole	6		Black Spruce	Low	Variable	Sapling	Black Spruce	90	Pole	6	94	Red Maple	Low	Variable	Sapling									
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size																																			
Tamarack	10	Pole	6		Black Spruce	Low	Variable	Sapling																																			
Black Spruce	90	Pole	6	94	Red Maple	Low	Variable	Sapling																																			





Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
<b>68</b>	6123 - Lowland Fir	Poletimber Well	1.9	44	81-110	N/A			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Quaking Aspen		10	Pole	6	44	Beech	Medium	Variable	Sapling
Balsam Fir		75	Pole	8	44	Balsam Fir	Low	Variable	Sapling
Red Maple		15	Pole	6		Red Maple	Medium	Variable	Sapling
<b>69</b>	4130 - Aspen	Poletimber Well	6.8	43	51-80	N/A			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Red Maple		25	Pole	6		Balsam Fir	Low	Variable	Sapling
Quaking Aspen		75	Pole	6	43				
<b>70</b>	6126 - Lowland Jack Pine	Sapling Poor	11.3	13	Immature	N/A			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>				
White Pine		5	Sapling	2					
Red Pine		2	Log	14					
Jack Pine		81	Sapling	1	13				
Black Spruce		5	Sapling	1					
Red Maple		5	Sapling	2					
Paper Birch		2	Pole	8	99				
<b>71</b>	42220 - Natural Jack Pine	Poletimber Well	63.4	74	81-110	N/A			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Jack Pine		85	Pole	8	74	Black Spruce	Low	Variable	Sapling
Black Spruce		15	Pole	8					
<b>72</b>	4311 - Pine, Aspen Mix	Sapling Well	31.8	37	1-50	N/A			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Balsam Fir		15	Sapling	4		Black Spruce	Low	Variable	Sapling
White Pine		15	Pole	6		White Pine	Low	Variable	Sapling
Black Spruce		15	Sapling	4					
Quaking Aspen		55	Sapling	4	37				
<b>73</b>	6125 - Lowland Black Spruce, Jack Pine	Sapling Well	40.0	18	Immature	N/A			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Black Spruce		40	Sapling	2	18	Black Spruce	Medium	Variable	Sapling
Red Pine		2	Log	12		Jack Pine	Medium	Variable	Sapling
Jack Pine		33	Sapling	2		Balsam Fir	Medium	Variable	Sapling
White Pine		25	Sapling	2					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																						
74	6122 - Black Spruce	Poletimber Well	0.7	71	51-80	N/A																																																							
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Canopy Species	% Cover	Size Class	DBH	Age																																																									
Tamarack	10	Pole	8																																																										
Black Spruce	90	Pole	6	71																																																									
75	6119 - Mixed Lowland Deciduous Forest	Poletimber Medium	19.2	55	51-80	N/A																																																							
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size																																																					
Red Maple	25	Pole/Sapling	5		Balsam Fir	Medium	Variable	Sapling																																																					
Paper Birch	30	Log	10		Ash (spp.)	Medium	Variable	Sapling																																																					
Balsam Fir	3	Pole/Sapling	5		Red Maple	Medium	Variable	Sapling																																																					
Northern White Cedar	2	Pole	8																																																										
Black Ash	40	Pole/Sapling	5	55																																																									
76	42220 - Natural Jack Pine	Sapling Poor	21.8	9	Immature	N/A																																																							
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Canopy Species	% Cover	Size Class	DBH	Age																																																									
Jack Pine	100	Sapling	1	9																																																									
77	42220 - Natural Jack Pine	Sapling Well	33.4	24	Immature	N/A																																																							
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Jack Pine	100	Sapling	2	24																																																									
78	500 - Water	Nonstocked	2.4		Unspecified	No																																																							
79	42210 - Natural Red Pine	Sawtimber Well	1.3	91	51-80	N/A																																																							
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Canopy Species	% Cover	Size Class	DBH	Age																																																									
Paper Birch	5	Pole	8																																																										
White Pine	10	Log	12																																																										
Red Pine	85	Log	16	91																																																									
80	3302 - Low Density Conifer Trees	Nonstocked	4.6		Unspecified	Managed Opening																																																							
<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>Medium</td> <td></td> <td>Pole</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td></td> <td>Pole</td> </tr> </tbody> </table>								Sub-Canopy Species	Density	Avg. Height	Size	Red Pine	Medium		Pole	White Pine	Low		Pole																																										
Sub-Canopy Species	Density	Avg. Height	Size																																																										
Red Pine	Medium		Pole																																																										
White Pine	Low		Pole																																																										
81	122 - Road/Parking Lot	Nonstocked	9.8		Unspecified	No																																																							
82	42220 - Natural Jack Pine	Sapling Well	18.7	24	Immature	N/A																																																							
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Jack Pine	100	Sapling	3	24																																																									



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
<b>83</b>	4130 - Aspen	Poletimber Well	2.3	43	1-50	N/A	
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Bigtooth Aspen		70	Pole	5	43	Red Maple	
Balsam Fir		10	Pole	5		Balsam Fir	
Red Maple		20	Pole	5		Density	
						Avg. Height	
						Size	
<b>84</b>	42220 - Natural Jack Pine	Sapling Poor	4.6	9	Immature	N/A	
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>		
Jack Pine		100	Sapling	1	9		
<b>85</b>	500 - Water	Nonstocked	1.3		Unspecified	No	
<b>86</b>	4311 - Pine, Aspen Mix	Sapling Well	14.2	37	1-50	N/A	
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Quaking Aspen		55	Sapling	4	37	White Pine	
Balsam Fir		15	Sapling	4		Balsam Fir	
Black Spruce		15	Sapling	3		Black Cherry	
White Pine		15	Pole	6		Density	
						Avg. Height	
						Size	
<b>87</b>	42220 - Natural Jack Pine	Sapling Well	15.6	24	Immature	N/A	
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>		
Jack Pine		100	Sapling	2	24		
<b>88</b>	429 - Mixed Upland Conifers	Poletimber Well	11.2	72	1-50	N/A	
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Quaking Aspen		40	Pole	6	72	White Pine	
Black Spruce		25	Pole	6		Willow spp.	
White Pine		25	Pole	6		Tamarack	
Jack Pine		10	Pole	6		Red Maple	
						Black Spruce	
						Density	
						Avg. Height	
						Size	
<b>89</b>	622 - Lowland Shrub	Nonstocked	25.6		Unspecified	No	
<b>90</b>	122 - Road/Parking Lot	Nonstocked	11.2		Unspecified	No	





Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
91	4133 - Aspen, Mixed Pine	Poletimber Well	9.1	37	1-50	N/A			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Jack Pine		10	Pole	5		Red Maple	Low	Variable	Sapling
White Pine		20	Log	12		Balsam Fir	Low	Variable	Sapling
Paper Birch		10	Pole	5					
Balsam Fir		5	Pole	6					
Bigtooth Aspen		45	Pole	5	37				
Black Cherry		10	Pole	6					
92	6123 - Lowland Fir	Poletimber Well	3.4	44	1-50	N/A			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Black Spruce		45	Pole	5		Balsam Fir	Low	Variable	Sapling
Balsam Fir		55	Pole	5	44	Black Spruce	Low	Variable	Sapling
93	500 - Water	Nonstocked	1.9		Unspecified	No			
94	6126 - Lowland Jack Pine	Poletimber Medium	10.0	37	Unspecified	N/A			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Quaking Aspen		10	Pole	5		Tamarack	Low	Variable	Sapling
Balsam Fir		5	Pole	5					
White Pine		10	Pole	5					
Black Spruce		10	Pole	5					
Jack Pine		65	Pole	5	37				
95	42220 - Natural Jack Pine	Poletimber Medium	6.9	75	51-80	N/A			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Jack Pine		85	Pole	8	75	Red Maple	Low	Variable	Sapling
Black Spruce		5	Pole	6		Black Spruce	Low	Variable	Sapling
Quaking Aspen		10	Pole	8					
96	6112 - Lowland Aspen	Poletimber Poor	1.1	60	1-50	N/A			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Bigtooth Aspen		100	Pole	8	60	Alder	High	Variable	Tall Shrub
97	4130 - Aspen	Poletimber Well	9.8	43	1-50	N/A			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Quaking Aspen		60	Pole	6	43	Balsam Fir	Low	Variable	Sapling
Balsam Fir		15	Pole	6		Ash (spp.)	Low	Variable	Sapling
Red Maple		25	Pole	6					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
98	42220 - Natural Jack Pine	Poletimber Well	34.1	42	51-80	N/A	
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Black Spruce		15	Pole	5		Black Spruce	
Jack Pine		70	Pole	5	42	Tamarack	
Tamarack		15	Pole	6			
						<b>Density</b>	<b>Avg. Height</b>
						Low	Variable
						Low	Variable
							Size
							Sapling
							Sapling
99	42220 - Natural Jack Pine	Poletimber Well	3.6	71	81-110	N/A	
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Jack Pine		100	Pole	9	71	Red Maple	
						Balsam Fir	
						<b>Density</b>	<b>Avg. Height</b>
						Low	Variable
						Low	Variable
							Size
							Sapling
							Sapling
100	42220 - Natural Jack Pine	Sapling Well	22.0	24	Immature	N/A	
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>		
Jack Pine		100	Sapling	3	24		
101	622 - Lowland Shrub	Nonstocked	17.1		Unspecified	No	
102	6220 - Alder/willow	Nonstocked	3.8		Unspecified	No	
						<b>Sub-Canopy Species</b>	
						Tag Alder	
						Willow spp.	
						Tamarack	
						<b>Density</b>	<b>Avg. Height</b>
						Medium	
						Medium	
						Low	
							Size
							Tall Shrub
							Tall Shrub
							Tall Shrub
103	6220 - Alder/willow	Nonstocked	6.6			No	
						<b>Sub-Canopy Species</b>	
						Willow spp.	
						Tag Alder	
						<b>Density</b>	<b>Avg. Height</b>
						Low	Variable
						High	Variable
							Size
							Tall Shrub
							Tall Shrub
104	42220 - Natural Jack Pine	Sapling Well	8.8	37	1-50	N/A	
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>		
Jack Pine		100	Sapling	4	37		
105	42220 - Natural Jack Pine	Poletimber Well	17.0	83	81-110	N/A	
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Black Spruce		10	Pole	6		White Pine	
Jack Pine		90	Pole	8	83	Black Spruce	
						<b>Density</b>	<b>Avg. Height</b>
						Low	Variable
						Low	Variable
							Size
							Sapling
							Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
<b>106</b>	4112 - Maple, Beech, Cherry Association	Sawtimber Well	19.9	95	51-80	N/A			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Red Maple		80	Log/Pole	10	95	Balsam Fir	Medium	Variable	Sapling
Paper Birch		10	Pole	8		White Pine	Low	Variable	Sapling
Quaking Aspen		10	Pole	8		Red Maple	Medium	Variable	Sapling
<b>107</b>	500 - Water	Nonstocked	1.2		Unspecified	No			
<b>108</b>	42220 - Natural Jack Pine	Poletimber Well	12.7	32	51-80	N/A			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>				
Jack Pine		100	Pole	5	32				
<b>109</b>	4112 - Maple, Beech, Cherry Association	Sawtimber Well	13.8	95	81-110	N/A			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Red Maple		80	Log	14	95	Beech	Low	Variable	Sapling
Beech		2	Pole	6		Red Maple	Low	Variable	Sapling
Black Cherry		18	Pole	8					
<b>110</b>	4113 - R.Maple, Conifer	Poletimber Well	3.6	60	1-50	N/A			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Red Maple		70	Pole/Sapling	5	60	Balsam Fir	Low	Variable	Sapling
Bigtooth Aspen		8	Pole	5		Red Maple	Low	Variable	Sapling
Balsam Fir		20	Pole	6					
Black Cherry		2	Pole	5					
<b>111</b>	42220 - Natural Jack Pine	Poletimber Well	22.2	42	1-50	N/A			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Jack Pine		80	Pole	6	42	Black Spruce	Low	Variable	Sapling
White Pine		5	Pole	6					
Bigtooth Aspen		15	Pole	6					
<b>112</b>	42220 - Natural Jack Pine	Poletimber Well	4.0	82	81-110	N/A			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Jack Pine		100	Pole	8	82	Black Spruce	Low	Variable	Sapling
<b>113</b>	42220 - Natural Jack Pine	Poletimber Well	4.4	83	51-80	N/A			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Jack Pine		95	Pole	8	83	Tamarack	Low	Variable	Sapling
Black Spruce		5	Pole	6		Black Spruce	Low	Variable	Sapling





Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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**114**      500 - Water      Nonstocked      0.6           Unspecified      No

**115**      4191 - Mixed Upland Deciduous with Conifer      Poletimber Well      3.7      43      51-80      N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	5	Pole	6		Paper Birch	Low	Variable	Sapling
Bigtooth Aspen	10	Pole	6		Red Maple	Low	Variable	Sapling
Balsam Fir	30	Pole	6	43	Balsam Fir	Low	Variable	Sapling
Red Maple	55	Pole	6	43				

**116**      6130 - Fir, Aspen, Maple      Poletimber Well      18.7      39      1-50      N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	10	Sapling	3		Paper Birch	Low	Variable	Sapling
Bigtooth Aspen	37	Pole	6	39	Red Maple	Low	Variable	Sapling
Balsam Fir	45	Pole	6	39	Balsam Fir	Low	Variable	Sapling
Black Cherry	3	Sapling	2		Red Pine	Low	Variable	Sapling
Paper Birch	5	Sapling	3					

**117**      6112 - Lowland Aspen      Poletimber Well      1.6      39      1-50      N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen	70	Pole	5	39	Black Spruce	Low	Variable	Sapling
Balsam Fir	30	Pole	5		Balsam Fir	Low	Variable	Sapling

**118**      6229 - Mixed lowland shrub      Nonstocked      13.8           Unspecified      No

Sub-Canopy Species	Density	Avg. Height	Size
Tag Alder	Medium		Tall Shrub
Black Cherry	Low		Pole
Red Maple	Low		Pole
Black Ash	Low		Pole
Northern White Cedar	Low		Pole

**119**      6112 - Lowland Aspen      Sawtimber Well      4.1      51      51-80      N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	5	Pole	6		Balsam Fir	Low	Variable	Sapling
Jack Pine	3	Pole	8					
Black Spruce	2	Pole	6					
Balsam Fir	10	Pole	6					
Quaking Aspen	80	Log/Pole	10	51				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
120	6112 - Lowland Aspen	Poletimber Well	25.9	35	1-50	N/A			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Bigtooth Aspen		80	Pole	6	35	Balsam Fir	Low	Variable	Sapling
Balsam Fir		20	Pole	5					
121	4319 - Mixed Upland Forest	Poletimber Well	6.8	37	1-50	N/A			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Quaking Aspen		55	Pole	5	37	Balsam Fir	Low	Variable	Sapling
Balsam Fir		45	Pole	5					
122	42210 - Natural Red Pine	Sawtimber Well	1.8	72	51-80	N/A			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Black Spruce		5	Pole	6		White Pine	Low	Variable	Sapling
Red Pine		90	Log	14	72	Black Spruce	Low	Variable	Sapling
Balsam Fir		5	Pole	6		Balsam Fir	Low	Variable	Sapling
123	42200 - Natural White Pine	Sawtimber Poor	20.0	105	1-50	N/A	Planted in 2012, 173 Red Oaks were planted in gaps and on skid trails of stand in may of 2012 at a price of \$3902.73.		
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Paper Birch		10	Pole	8		Quaking Aspen	Low	Variable	Sapling
Red Pine		30	Log	12		Black Spruce	Low	Variable	Sapling
White Pine		60	Log	14	105	White Pine	Low	Variable	Sapling
						Jack Pine	Medium	5 - 10 feet	Sapling
						Balsam Fir	Low	Variable	Sapling
124	6112 - Lowland Aspen	Poletimber Well	10.2	34	51-80	N/A			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Bigtooth Aspen		70	Pole	6	34	Red Maple	Low	5 - 10 feet	Sapling
Black Spruce		5	Pole	6		Black Cherry	Low	5 - 10 feet	Sapling
Red Maple		5	Pole	8		Balsam Fir	Low	5 - 10 feet	Sapling
Black Cherry		5	Pole	8					
Balsam Fir		15	Pole	6					
125	122 - Road/Parking Lot	Nonstocked	2.4		Unspecified	No			
126	4130 - Aspen	Poletimber Well	6.1	34	81-110	N/A			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Paper Birch		10	Pole	6		Red Maple	Low	Variable	Sapling
Red Maple		10	Pole	6		Black Cherry	Low	Variable	Sapling
White Spruce		10	Pole	6		Balsam Fir	Low	Variable	Sapling
Quaking Aspen		70	Pole	6	34				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments					
127	6229 - Mixed lowland shrub	Nonstocked	14.3		Unspecified	No						
								Sub-Canopy Species	Density	Avg. Height	Size	
								Black Ash	Low		Pole	
								Red Maple	Low		Pole	
								Northern White Cedar	Low		Pole	
								Black Cherry	Low		Pole	
Tag Alder	High		Tall Shrub									
128	4130 - Aspen	Sapling Well	9.0	13	1-50	N/A	Planted in 2012, 173 Red Oaks where planted in gaps and on skid trails of stand in may of 2012 at a price of \$3902.73.					
								Canopy Species	% Cover	Size Class	DBH	Age
								Paper Birch	5	Pole	5	
								Bigtooth Aspen	90	Sapling	2	13
								Balsam Fir	2	Sapling	3	
								Red Pine	3	Log	14	
129	500 - Water	Nonstocked	1.1		Unspecified	No						
130	330 - Low-Density Trees	Nonstocked	48.6	0	Unspecified	4222 - Natural Jack Pine						
131	6229 - Mixed lowland shrub	Nonstocked	8.4	0	Unspecified	No						
132	42220 - Natural Jack Pine	Poletimber Well	1.8	74	81-110	N/A						
								Canopy Species	% Cover	Size Class	DBH	Age
								Jack Pine	100	Pole	8	74
133	6229 - Mixed lowland shrub	Nonstocked	15.2	0		612 - Lowland Coniferous Forest	41-019-14 Powerline pine units1. TCR: 12/9/20					