



# Compartment Review Presentation

Shingleton Forest Management Unit

Compartment 41159

Entry Year 2026

Acreage: 2,131

County Schoolcraft

Management Area: Seney Lake Plain

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**Stand Examiner:** Scott Kentner

**Legal Description:**

T46N R16W Sections 19, 20, 29, 30

**Identified Planning Goals:**

The main goal in this compartment is to conduct multiple resource management for current and future generations.

**Soil and topography:**

The majority of the compartment is flat and low, wet ground. The terrain changes are slight but enough to establish low quality hardwoods and pine. The low areas contain muck and peat soils, some of the ridges contain sands that are naturally low in fertility. The water table is high everywhere.

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

There is no private land within the compartment boundaries. The majority of the surrounding land is still State of Michigan owned.

**Unique Natural Features:**

No Unique Natural Features known.

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

No Archeological, Historical, or Cultural Features known.

**Special Management Designations or Considerations:**

No special management considerations.

**Watershed and Fisheries Considerations:**

This compartment contains sensitive headwater reaches of Pine Creek and borders the eastern side of Commencement Creek. Pine Creek and Commencement Creek are non-designated streams less than 50-ft wide with a predicted mean July water temperature of 60.6 and 62.2 °F (cold streams), respectively. 100-foot, plus 5 feet per 1% increase in slope, buffers are recommended to protect Pine Creek and Commencement Creek riparian areas in accordance with Best Management Practices.

**Wildlife Habitat Considerations:**

This compartment consists of forested islands within a large marsh complex. Commencement Creek forms the western boundary. General Land Office notes show that subtle changes in elevation provided for different vegetative land cover. The lowest areas were dominated by open marsh, transition sites held tamarack, cedar, and black spruce. Slightly higher areas held yellow birch, white pine, and red maple.

Current species composition appears similar to pre-settlement times with a possible shift to a heavier concentration of black spruce in some areas.

The wildlife habitat objectives in this compartment include protection of the marsh complex and providing age and structural diversity within aspen and lowland hardwood systems.

The featured species in this management area are beaver, moose, ruffed grouse, sharp-tailed grouse, snowshoe hare and deer.

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

Surface sediments consist of lacustrine (lake) sand and gravel. There is insufficient data to determine the glacial drift thickness. The Ordovician Prairie du Chien Group and Cambrian Trempealeau Formation subcrop below the glacial drift. These rocks could be used for stone. Gravel pits are located one mile to the west, but potential appears to be limited. There is no commercial oil and gas production in the UP.

**Vehicle Access:**

Access is extremely poor. The only drivable two-track is in section 30. There are a couple old winter roads that spur off M-28 but are overgrown and mainly underwater.

**Survey Needs:**

None.

**Recreational Facilities and Opportunities:**

Limited hunting opportunities exist.

**Fire Protection:**

Access to much of the compartment is limited by low ground/wetlands. Given the lowland nature of the compartment, large fire potential is generally limited to later in the summer and in years of exceptional drought but any fire start in the compartment could create challenges with the lack of access and increased fuel loads due the large amount of tree mortality from the Larch Caseborer and water stress.

**Additional Compartment Information:**

The tamarack in the area is starting be attacked by Larch Caseborer. For that reason harvest will focus on Tamarack during this entry.

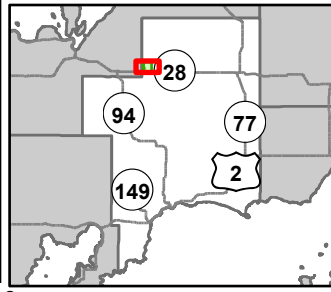
**The following reports from the Inventory are attached:**

- 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**

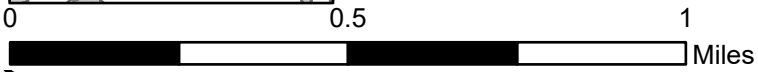
**The following information is displayed, where pertinent, on the attached compartment maps:**

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

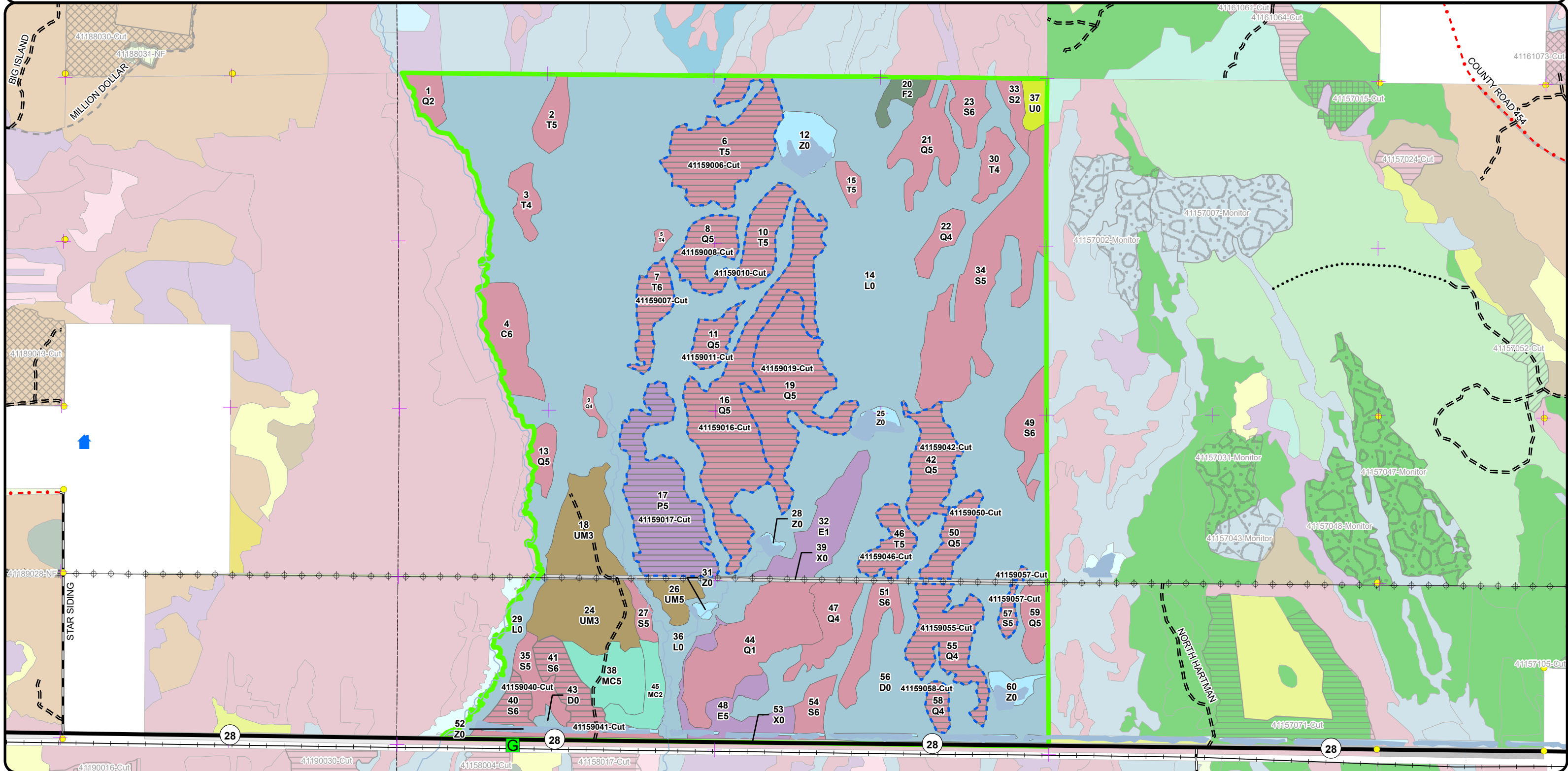
Cover Type & Treatments Map



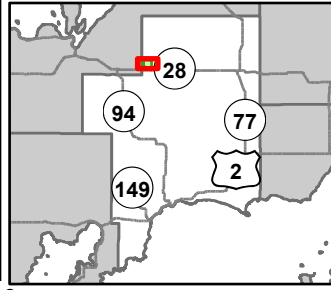
Compartment: 41159  
 T46N R16W Sections 19, 20, 29, 30  
 County: Schoolcraft  
 Unit: Shingleton  
 Mgmt Area: Seney Lake Plain  
 YOE: 2026  
 Acres: 2131.5 GIS Calculated  
 Examiner: Scott Kentner  
 Map Revised: 08/06/2024  
 Map Phase: Web Post



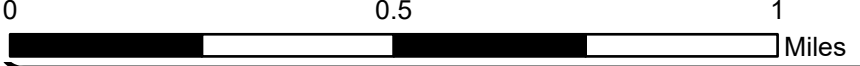
- |                                       |                              |                                 |                                 |
|---------------------------------------|------------------------------|---------------------------------|---------------------------------|
| House                                 | County - Gravel Road         | Powerline                       | 612 - Lowland Coniferous Forest |
| Gate                                  | Private - Dirt / Gravel Road | Compartment Boundary            | 110 - Low Intensity Urban       |
| Survey Grade Corners                  | DNR - Management Access      | Treatments with Site Conditions | 330 - Low Density Trees         |
| Remonumented Section Corners          | Active Railroads             | Clearcut (w/Reserves)           | 500 - Water                     |
| DNR - Primary Forest Road             | Intermittent Stream          | 423 - Other Upland Conifers     | 622 - Lowland Shrub             |
| DNR - Forest Access Route             | Lake/Pond                    | 429 - Mixed Upland Conifers     |                                 |
| Federal / State Highway               | Perennial River              | 430 - Upland Mixed Forest       |                                 |
| Federal / State / County - Paved Road | Lakes and Rivers             | 611 - Lowland Deciduous Forest  |                                 |



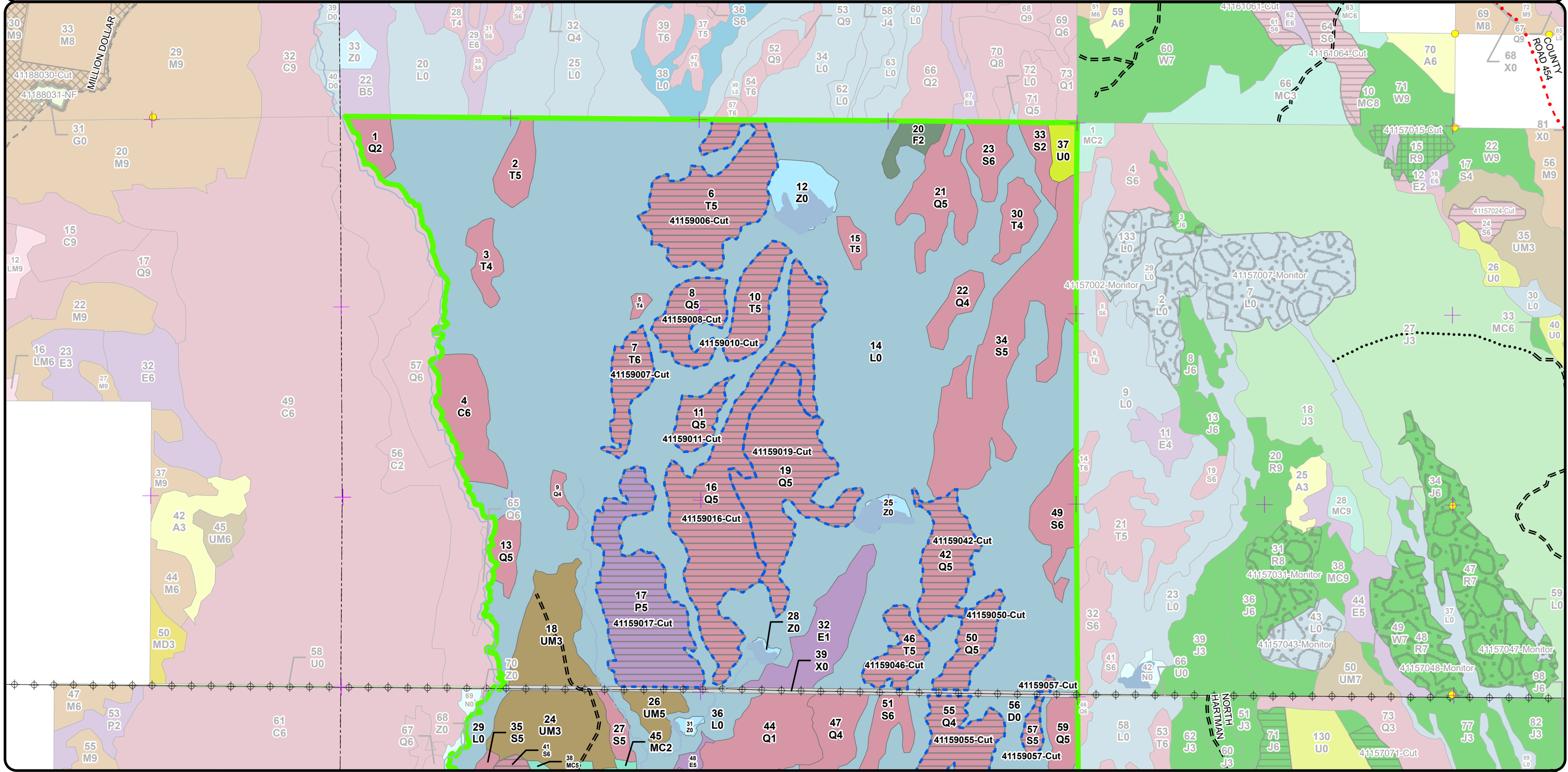
**Cover Type & Treatments Map**



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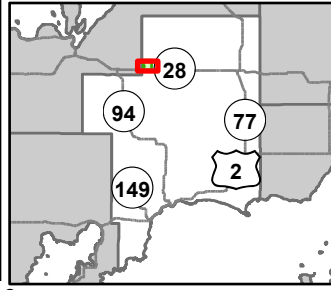


- |                                    |                               |                                   |                                   |
|------------------------------------|-------------------------------|-----------------------------------|-----------------------------------|
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| ✚ Remonumented Section Corners     | — Lake/Pond                   | ▭ Clearcut (w/Reserves)           | ■ 110 - Low Intensity Urban       |
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| - - - County - Gravel Road         | ■ Lakes and Rivers            | ■ 429 - Mixed Upland Conifers     | ■ 500 - Water                     |
| - - - Private - Dirt / Gravel Road | ⊕ Powerline                   | ■ 430 - Upland Mixed Forest       | ■ 622 - Lowland Shrub             |
|                                    | ▭ Compartment Boundary        | ■ 611 - Lowland Deciduous Forest  |                                   |





Cover Type & Treatments Map

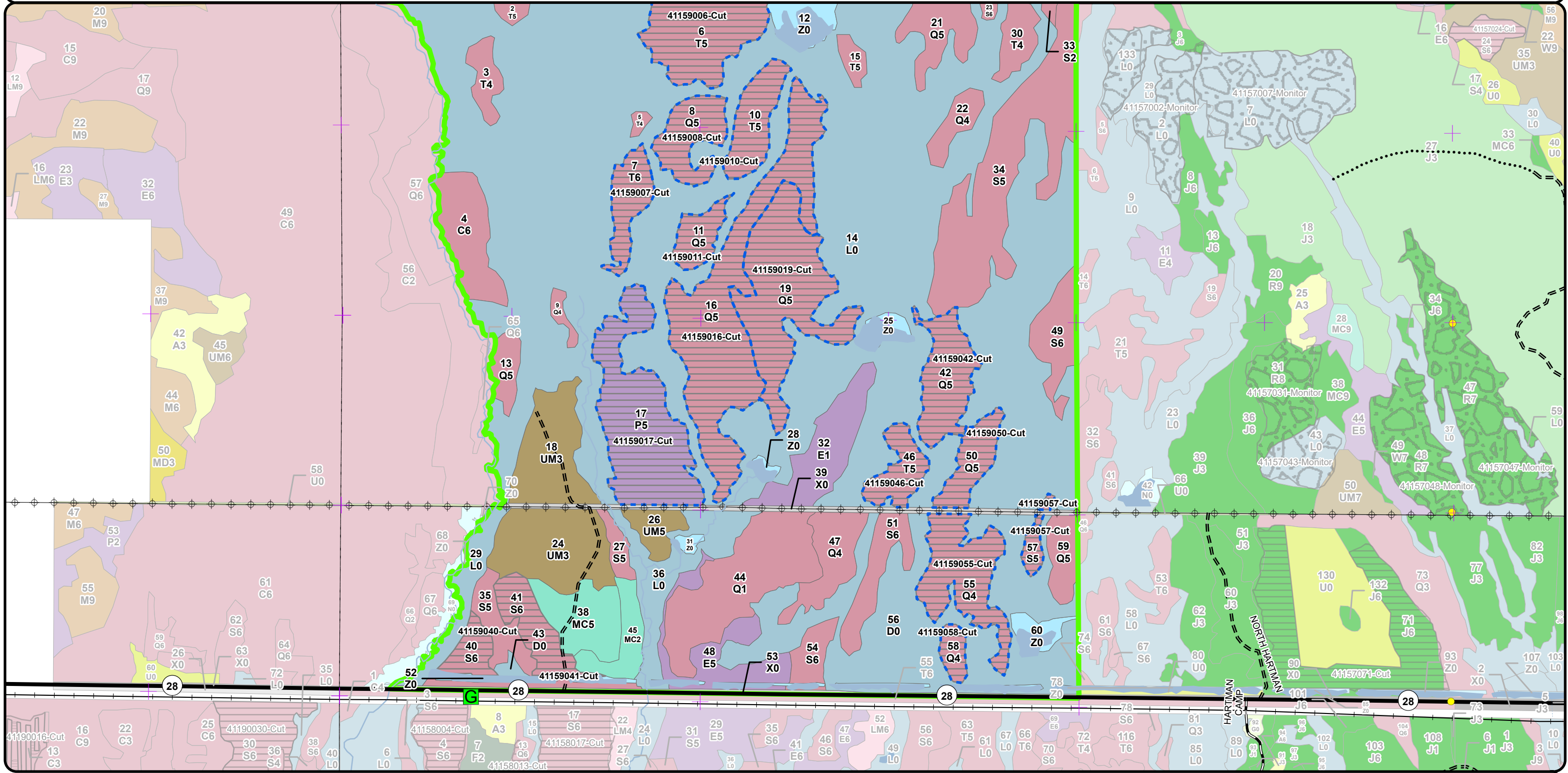


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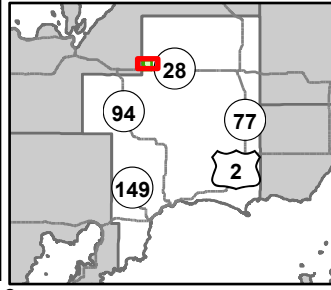
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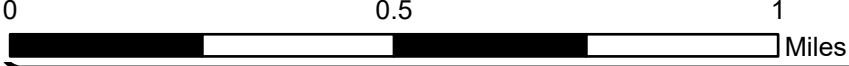




Stand Boundary Map

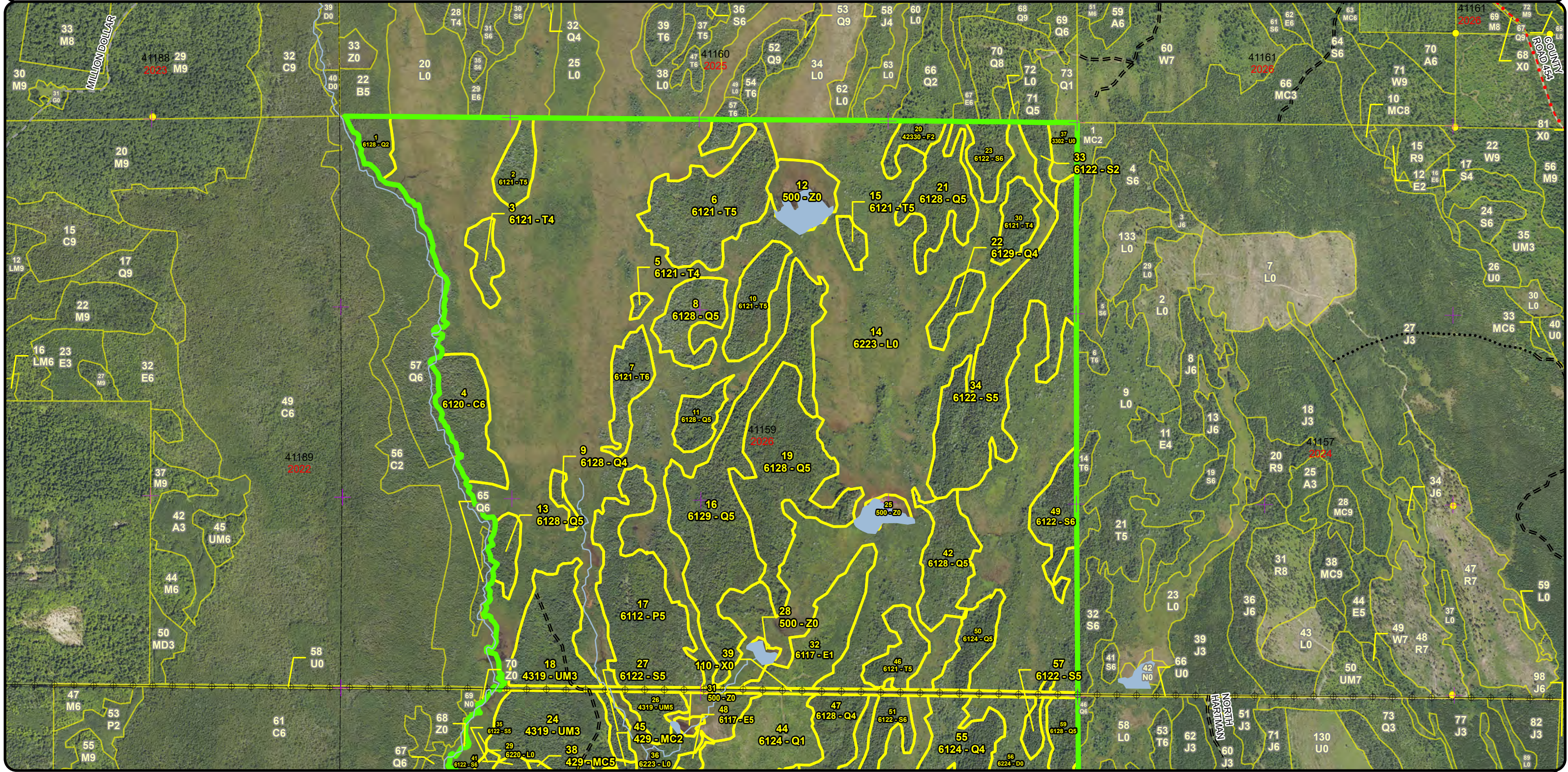


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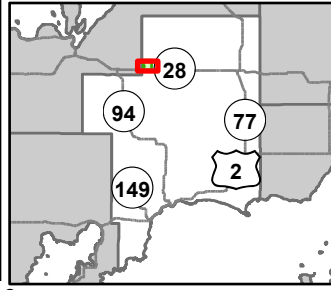
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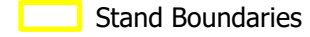
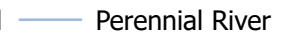
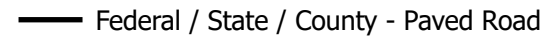
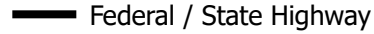
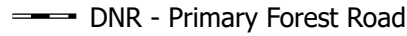
Gate



Survey Grade Corners



Remonumented Section Corners



430 - Upland Mixed Forest

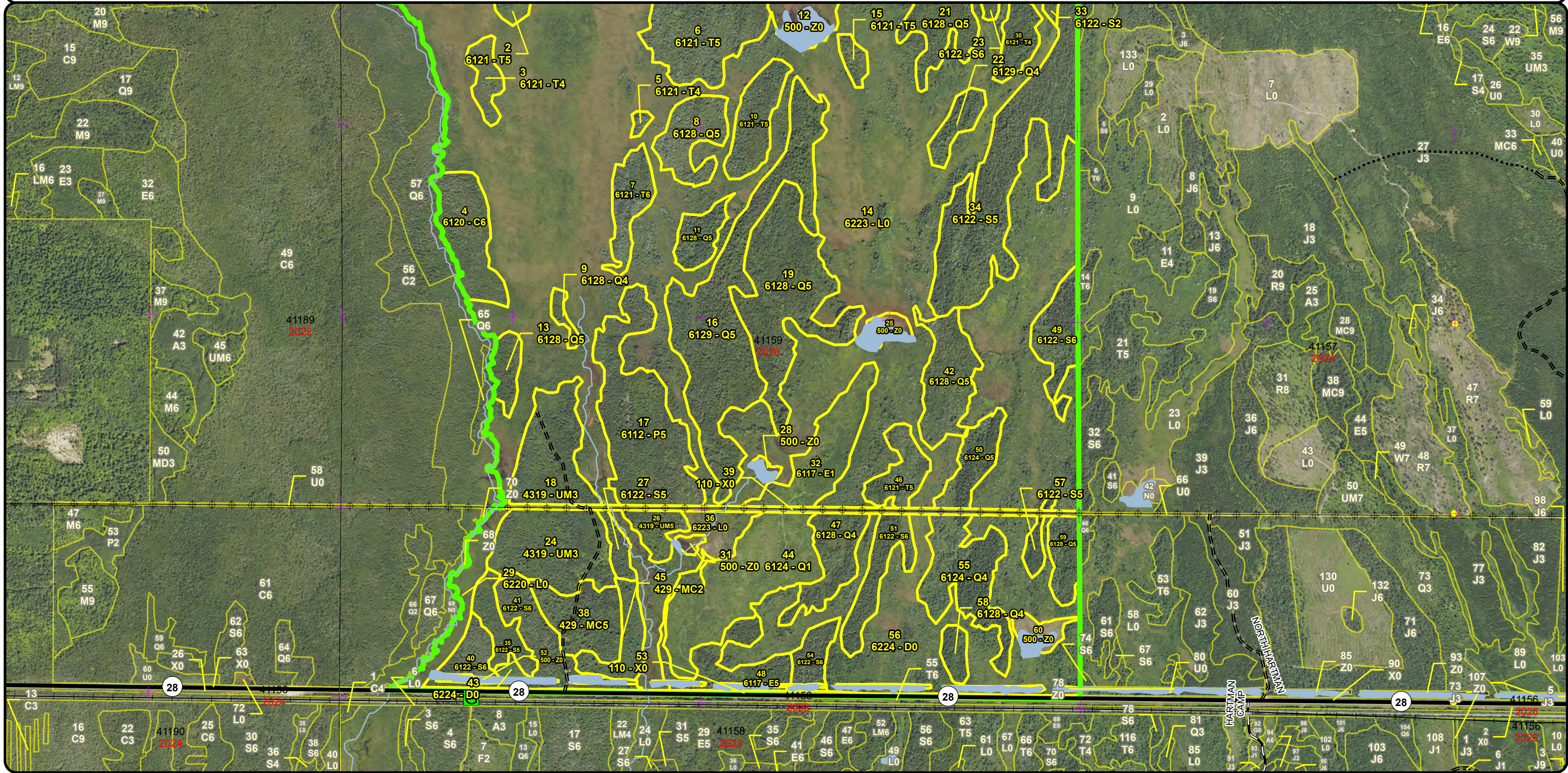
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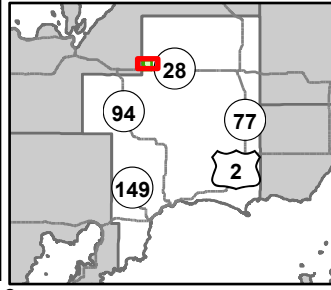
500 - Water

622 - Lowland Shrub

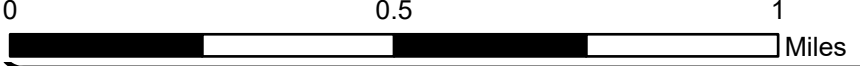




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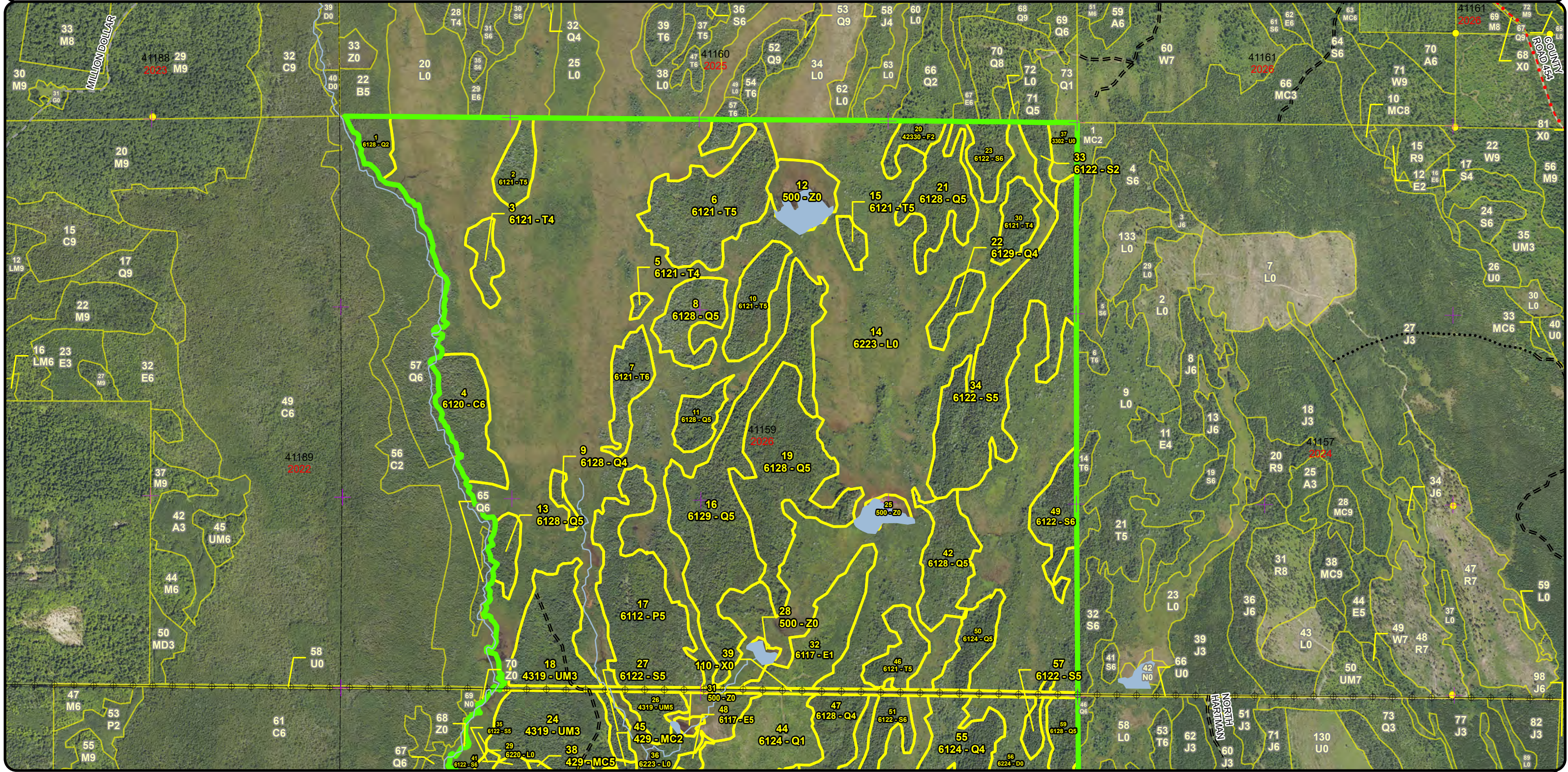


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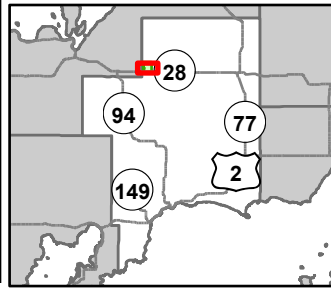
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**Special Conservation Areas & Site Conditions Map**

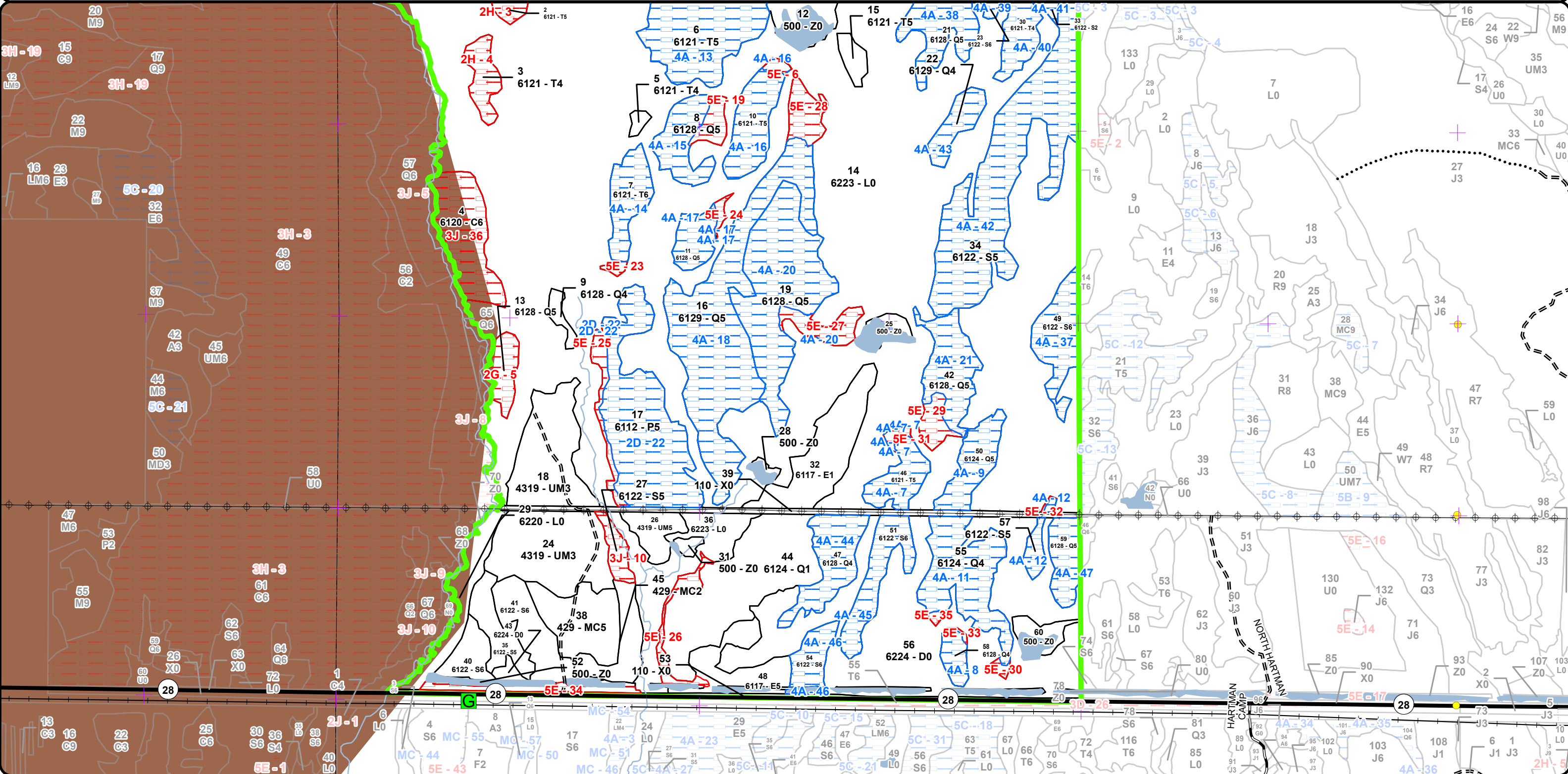
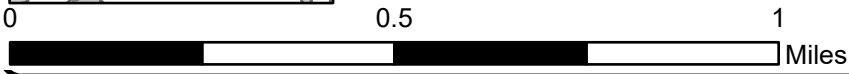


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- Active Railroads
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- Lake/Pond
- Perennial River
- Lakes and Rivers
- Powerline
- Compartment Boundary
- Available w/ Constraints
- Unavailable

- 2D: Portable Bridge Needed (Dept. bridge will be adequate)
- 4A: No Markets Available for these Forest Products
- 2G: Too wet (sensitive soils, does not include access issues)
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- 3J: Water quality / BMPs (stream, river, or lake)
- 5E: Long-Term Retention
- Stand Boundaries
- Deer Winter Range





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
Cedar	0	0	0	0	0	0	0	0	0	0	0	25	0	0	0	0	0	0	25
Low-Density Trees	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Lowland Aspen/Balsam Poplar	0	0	0	0	0	0	0	0	0	0	58	0	0	0	0	0	0	0	58
Lowland Conifers	0	0	52	0	0	0	0	0	0	0	98	82	68	83	0	0	0	0	382
Lowland Deciduous	0	0	28	0	0	23	0	0	0	0	0	0	0	0	0	0	0	0	51
Lowland Shrub	963	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	963
Lowland Spruce/Fir	0	0	0	0	0	12	0	0	0	0	142	37	0	0	0	0	0	0	191
Tamarack	0	0	0	0	0	0	0	0	11	67	17	22	0	18	0	0	0	0	135
Treed Bog	131	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	131
Upland Conifers	0	0	0	13	0	23	0	0	0	0	0	0	0	0	0	0	0	0	36
Upland Mixed Forest	0	0	0	0	69	0	0	0	0	0	9	0	0	0	0	0	0	0	78
Upland Spruce/Fir	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Urban	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25
Water	42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	42
<b>Total</b>	<b>1168</b>	<b>0</b>	<b>87</b>	<b>13</b>	<b>69</b>	<b>58</b>	<b>0</b>	<b>0</b>	<b>11</b>	<b>67</b>	<b>324</b>	<b>166</b>	<b>68</b>	<b>101</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2131</b>





## Report 2 – Treatment Summary

Shingleton Mgt. Unit

Year of Entry: 2026

Compartment 159

Total Compartment Acres: 2,131

### Acres of Harvest

Commercial Harvest - 27  
 Harvests with Site Condition - 407  
 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
Lowland Aspen/Balsam Poplar	58	0	0	0	0	0	0	0	0	58
Lowland Conifers	247	0	0	0	0	0	0	0	0	247
Lowland Spruce/Fir	31	0	0	0	0	0	0	0	0	31
Tamarack	98	0	0	0	0	0	0	0	0	98
<b>Total</b>	<b>434</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>434</b>

### Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Pruning	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	434	0	0	0	0	0	0	0	0	434
Next Step	0	0	0	0	0	0	434	0	0	434
<b>Total</b>	<b>434</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>434</b>	<b>0</b>	<b>0</b>	<b>868</b>





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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:**

<b>6</b>	<b>41159006-Cut</b>	51.5	6121 - Tamarack	Poletimber Medium	87	81-110	Harvest	Clearcut with Retention	613 - Lowland Mixed Forest	Even-Aged	No
<p><u>Prescription</u> Clearcut with retention: Harvest all merchantable trees, leaving large white pine not to exceed than 20 Basal Area.  <u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)  <u>Treatments:</u></p> <p><u>Acceptable</u> any species currently onsite.  <u>Regen:</u></p> <p><u>Other</u>  <u>Comment:</u></p> <p><u>Site Condition</u> No Markets  <u>Proposed Start Date:</u> 10/1 /2025</p>											
<b>7</b>	<b>41159007-Cut</b>	14.8	6121 - Tamarack	Poletimber Well	94	81-110	Harvest	Clearcut with Retention	613 - Lowland Mixed Forest	Even-Aged	No
<p><u>Prescription</u> Clearcut with retention: Harvest all merchantable trees, leaving large white pine not to exceed than 20 Basal Area.  <u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)  <u>Treatments:</u></p> <p><u>Acceptable</u> Any species currently on site.  <u>Regen:</u></p> <p><u>Other</u>  <u>Comment:</u></p> <p><u>Site Condition</u> No Markets  <u>Proposed Start Date:</u> 10/1 /2025</p>											
<b>8</b>	<b>41159008-Cut</b>	18.9	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Medium	90		Harvest	Clearcut with Retention	613 - Lowland Mixed Forest	Even-Aged	No
<p><u>Prescription</u> Clearcut with retention: Harvest all merchantable trees, leaving large white pine not to exceed than 20 Basal Area.  <u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)  <u>Treatments:</u></p> <p><u>Acceptable</u> Any species currently on site.  <u>Regen:</u></p> <p><u>Other</u>  <u>Comment:</u></p> <p><u>Site Condition</u> No Markets  <u>Proposed Start Date:</u> 10/1 /2025</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>10 41159010-Cut</b>	18.0	6121 - Tamarack	Poletimber Medium	123		Harvest	Clearcut with Retention	613 - Lowland Mixed Forest	Even-Aged	No
<p><u>Prescription</u> Clearcut with retention: Harvest all merchantable trees, leaving large white pine not to exceed than 20 Basal Area.  <u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)  <u>Treatments:</u></p> <p><u>Acceptable</u> any species currently on site.  <u>Regen:</u></p> <p><u>Other</u>  <u>Comment:</u></p> <p><u>Site Condition</u> No Markets  <u>Proposed Start Date:</u> 10/1 /2025</p>										
<b>11 41159011-Cut</b>	10.3	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Medium	104		Harvest	Clearcut with Retention	613 - Lowland Mixed Forest	Even-Aged	No
<p><u>Prescription</u> Clearcut with retention: Harvest all merchantable trees, leaving large white pine not to exceed than 20 Basal Area.  <u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)  <u>Treatments:</u></p> <p><u>Acceptable</u> Any species currently on site.  <u>Regen:</u></p> <p><u>Other</u>  <u>Comment:</u></p> <p><u>Site Condition</u> No Markets  <u>Proposed Start Date:</u> 10/1 /2025</p>										
<b>16 41159016-Cut</b>	82.5	6129 - Mixed Coniferous Lowland Forest	Poletimber Medium	123	111- 140	Harvest	Clearcut with Retention	613 - Lowland Mixed Forest	Even-Aged	No
<p><u>Prescription</u> Clearcut with retention: Harvest all merchantable trees, leaving large white pine not to exceed than 20 Basal Area.  <u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)  <u>Treatments:</u></p> <p><u>Acceptable</u> Any species currently on site.  <u>Regen:</u></p> <p><u>Other</u>  <u>Comment:</u></p> <p><u>Site Condition</u> No Markets  <u>Proposed Start Date:</u> 10/1 /2025</p>										
<b>17 41159017-Cut</b>	57.7	6112 - Lowland Aspen	Poletimber Medium	96		Harvest	Clearcut with Retention	613 - Lowland Mixed Forest	Even-Aged	No
<p><u>Prescription</u> Clearcut with retention: Harvest all merchantable trees, leaving large white pine not to exceed than 20 Basal Area.  <u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)  <u>Treatments:</u></p> <p><u>Acceptable</u> any species currently on site.  <u>Regen:</u></p> <p><u>Other</u>  <u>Comment:</u></p> <p><u>Site Condition</u> Portable Bridge Needed  <u>Proposed Start Date:</u> 10/1 /2025</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>19 41159019-Cut</b>	58.9	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Medium	114	81-110	Harvest	Clearcut with Retention	613 - Lowland Mixed Forest	Even-Aged	No
<p><u>Prescription</u> Clearcut with retention: Harvest all merchantable trees, leaving large white pine not to exceed than 20 Basal Area.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Any species currently on site.</p> <p><u>Regen:</u></p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u> No Markets</p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>										
<b>40 41159040-Cut</b>	9.1	6122 - Black Spruce	Poletimber Well	102	Unspecified	Harvest	Clearcut with Retention	613 - Lowland Mixed Forest	Even-Aged	No
<p><u>Prescription</u> Clear-cut with retention: Remove all merchantable trees leaving retention in clump or pocket along stands west edge.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> any species currently on site.</p> <p><u>Regen:</u></p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>										
<b>41 41159041-Cut</b>	17.8	6122 - Black Spruce	Poletimber Well	102	171-200	Harvest	Clearcut with Retention	613 - Lowland Mixed Forest	Even-Aged	No
<p><u>Prescription</u> Clearcut with retention: Remove all merchantable trees. Retention will be the south strip of stand that parallels the highway.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Any species currently on site.</p> <p><u>Regen:</u></p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>										
<b>42 41159042-Cut</b>	24.8	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Medium	103	111-140	Harvest	Clearcut with Retention	613 - Lowland Mixed Forest	Even-Aged	No
<p><u>Prescription</u> Clearcut with retention: Harvest all merchantable trees, leaving large white pine not to exceed than 20 Basal Area, leave all cedar.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Any species currently on site.</p> <p><u>Regen:</u></p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u> No Markets</p> <p><u>Proposed Start Date:</u> 10/1 /2025</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>46 41159046-Cut</b>	13.2	6121 - Tamarack	Poletimber Medium	103	51-80	Harvest	Clearcut with Retention	613 - Lowland Mixed Forest	Even-Aged	No
<p><u>Prescription</u> Clearcut with retention: Harvest all merchantable trees, leaving large white pine not to exceed than 20 Basal Area.  <u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)  <u>Treatments:</u></p> <p><u>Acceptable</u> any species currently on site.  <u>Regen:</u></p> <p><u>Other</u>  <u>Comment:</u></p> <p><u>Site Condition</u> No Markets  <u>Proposed Start Date:</u> 10/1 /2025</p>										
<b>50 41159050-Cut</b>	13.8	6124 - Lowland Spruce-Fir	Poletimber Medium	103	51-80	Harvest	Clearcut with Retention	613 - Lowland Mixed Forest	Even-Aged	No
<p><u>Prescription</u> Clearcut with retention: Harvest all merchantable trees, leaving large white pine not to exceed more than 20 Basal Area.  <u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)  <u>Treatments:</u></p> <p><u>Acceptable</u> Any species currently on site.  <u>Regen:</u></p> <p><u>Other</u>  <u>Comment:</u></p> <p><u>Site Condition</u> No Markets  <u>Proposed Start Date:</u> 10/1 /2025</p>										
<b>55 41159055-Cut</b>	32.5	6124 - Lowland Spruce-Fir	Poletimber Poor	93	51-80	Harvest	Clearcut with Retention	613 - Lowland Mixed Forest	Even-Aged	No
<p><u>Prescription</u> Clearcut with retention: Harvest all merchantable trees, leaving large white pine not to exceed more than 20 Basal Area.  <u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)  <u>Treatments:</u></p> <p><u>Acceptable</u> Any species currently on site.  <u>Regen:</u></p> <p><u>Other</u>  <u>Comment:</u></p> <p><u>Site Condition</u> No Markets  <u>Proposed Start Date:</u> 10/1 /2025</p>										
<b>57 41159057-Cut</b>	4.4	6122 - Black Spruce	Poletimber Medium	102	81-110	Harvest	Clearcut with Retention	613 - Lowland Mixed Forest	Even-Aged	No
<p><u>Prescription</u> Clearcut with retention: Harvest all merchantable trees, leaving large white pine not to exceed than 20 Basal Area.  <u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)  <u>Treatments:</u></p> <p><u>Acceptable</u> any species currently on site.  <u>Regen:</u></p> <p><u>Other</u>  <u>Comment:</u></p> <p><u>Site Condition</u> No Markets  <u>Proposed Start Date:</u> 10/1 /2025</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
58 41159058-Cut	5.7	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Poor	93	51-80	Harvest	Clearcut with Retention	613 - Lowland Mixed Forest	Even-Aged	No
<p><u>Prescription</u> Clearcut with retention: Harvest all merchantable trees, leaving large white pine not to exceed more than 20 Basal Area.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Any species currently on site.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u> No Markets</p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>										

**Total Treatment** 433.9  
**Acreage Proposed:**





Availability for Management

Total Acres	Acres Available	Acres Avail		Acres Not Available	Dominant Site Conditions									
		With Condition			2D	4A	2G	2H	3D	3H	3J	5D	5E	
25	0	0		25	Cedar							25		
7	7	0		0	Low-Density Trees									
58	0	52		6	Lowland Aspen/Balsam Poplar	52								6
383	55	282		45	Lowland Conifers		282	8			0		9	28
51	45	0		6	Lowland Deciduous									6
963	963	0		0	Lowland Shrub							0	0	0
192	39	141		11	Lowland Spruce/Fir		141					5		6
134	6	101		27	Tamarack		101		19					7
131	131	0		0	Treed Bog									
36	36	0		0	Upland Conifers							0		
78	78	0		0	Upland Mixed Forest									
7	7	0		0	Upland Spruce/Fir									
25	25	0		0	Urban					0				
42	42	0		0	Water									0
2,131	1,435	576		120	Total Forested Acres	52	524	8	19	0	0	31	9	53
	67%	27%		6%	Relative Percent									

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

Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable	5E: Long-Term Retention	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
2	Unavailable	5D: Unproductive Forest Land	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							



## Report 4 – Site Conditions

Shingleton Mgt. Unit  
 Scott Kentner : Examiner

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3	<b>Unavailable</b>	<b>2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)</b>	11	4A: No Markets Available for these Forest Products	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
4	<b>Unavailable</b>	<b>2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)</b>	9	4A: No Markets Available for these Forest Products	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
5	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	8	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
6	<b>Unavailable</b>	<b>5E: Long-Term Retention</b>	1	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
7	<b>Available</b>	<b>4A: No Markets Available for these Forest Products</b>	12	2D: Portable Bridge Needed (Dept. bridge will be adequate)	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
8	<b>Available</b>	<b>4A: No Markets Available for these Forest Products</b>	5	2D: Portable Bridge Needed (Dept. bridge will be adequate)	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							



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9	<b>Available</b>	<b>4A: No Markets Available for these Forest Products</b>	14	2D: Portable Bridge Needed (Dept. bridge will be adequate)	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
10	<b>Unavailable</b>	<b>3J: Water quality / BMPs (stream, river, or lake)</b>	5	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Stand is a buffer left from previous cut.							
11	<b>Available</b>	<b>4A: No Markets Available for these Forest Products</b>	31	2D: Portable Bridge Needed (Dept. bridge will be adequate)	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
12	<b>Available</b>	<b>4A: No Markets Available for these Forest Products</b>	4	2D: Portable Bridge Needed (Dept. bridge will be adequate)	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
13	<b>Available</b>	<b>4A: No Markets Available for these Forest Products</b>	48	2D: Portable Bridge Needed (Dept. bridge will be adequate)	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
14	<b>Available</b>	<b>4A: No Markets Available for these Forest Products</b>	14	2D: Portable Bridge Needed (Dept. bridge will be adequate)	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							



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15	<b>Available</b>	<b>4A: No Markets Available for these Forest Products</b>	14	2D: Portable Bridge Needed (Dept. bridge will be adequate)	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
16	<b>Available</b>	<b>4A: No Markets Available for these Forest Products</b>	17	2D: Portable Bridge Needed (Dept. bridge will be adequate)	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
17	<b>Available</b>	<b>4A: No Markets Available for these Forest Products</b>	9	2D: Portable Bridge Needed (Dept. bridge will be adequate)	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
18	<b>Available</b>	<b>4A: No Markets Available for these Forest Products</b>	75	2D: Portable Bridge Needed (Dept. bridge will be adequate)	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
19	<b>Unavailable</b>	<b>5E: Long-Term Retention</b>	5	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
20	<b>Available</b>	<b>4A: No Markets Available for these Forest Products</b>	51	2D: Portable Bridge Needed (Dept. bridge will be adequate)	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

Report 4 – Site Conditions

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21	Available	4A: No Markets Available for these Forest Products	19	2D: Portable Bridge Needed (Dept. bridge will be adequate)	Unspecified	Unspecified	Unspecified
Comments:							
22	Available	2D: Portable Bridge Needed (Dept. bridge will be adequate)	52	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
23	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
24	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
25	Unavailable	5E: Long-Term Retention	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
26	Unavailable	5E: Long-Term Retention	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Stand is part of buffer left from previous harvest.							
27	Unavailable	5E: Long-Term Retention	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							



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28	Unavailable	5E: Long-Term Retention	8	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
29	Unavailable	5E: Long-Term Retention	5	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
30	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
31	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
32	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
33	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
34	Unavailable	5E: Long-Term Retention	6	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
35	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

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36	<b>Unavailable</b>	<b>3J: Water quality / BMPs (stream, river, or lake)</b>	25	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
37	<b>Available</b>	<b>4A: No Markets Available for these Forest Products</b>	18	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
38	<b>Available</b>	<b>4A: No Markets Available for these Forest Products</b>	25	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
39	<b>Available</b>	<b>4A: No Markets Available for these Forest Products</b>	11	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
40	<b>Available</b>	<b>4A: No Markets Available for these Forest Products</b>	11	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
41	<b>Available</b>	<b>4A: No Markets Available for these Forest Products</b>	7	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							



## Report 4 – Site Conditions

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42	<b>Available</b>	<b>4A: No Markets Available for these Forest Products</b>	76	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
43	<b>Available</b>	<b>4A: No Markets Available for these Forest Products</b>	9	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
44	<b>Available</b>	<b>4A: No Markets Available for these Forest Products</b>	19	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
45	<b>Available</b>	<b>4A: No Markets Available for these Forest Products</b>	16	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
46	<b>Available</b>	<b>4A: No Markets Available for these Forest Products</b>	10	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
47	<b>Available</b>	<b>4A: No Markets Available for these Forest Products</b>	11	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





**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	Habitat Area	An area that provide some specific need for the life cycle of wildlife species, including State Wildlife Areas and Waterfowl Production Areas, deer wintering complexes in lowland conifer communities, grassland openings and savannas. Habitat areas are distinct from critical habitat designated for recovery of endangered or threatened species (such as Kirtland's warbler or piping plover areas) in that they are more general in nature, are not primarily associated with threatened or endangered species, and are not covered by species recovery plans that are developed in cooperation with Federal agencies.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																
1	6128 - Lowland Coniferous, Mixed Deciduous	Sapling Medium	8.6	102		N/A	There are no merchantable trees in this stand. It is low ground and is a buffer along Commencement Creek.																																																
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Northern White Cedar</td> <td>40</td> <td>Sapling</td> <td>4</td> <td>102</td> </tr> <tr> <td>Paper Birch</td> <td>40</td> <td>Sapling</td> <td>4</td> <td></td> </tr> <tr> <td>Black Spruce</td> <td>20</td> <td>Sapling</td> <td>4</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Northern White Cedar	40	Sapling	4	102	Paper Birch	40	Sapling	4		Black Spruce	20	Sapling	4		<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>Tag Alder</td> <td>Medium</td> <td>&lt; 5 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>				Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Medium	< 5 feet	Tall Shrub																						
Canopy Species	% Cover	Size Class	DBH	Age																																																			
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Paper Birch	40	Sapling	4																																																				
Black Spruce	20	Sapling	4																																																				
Sub-Canopy Species	Density	Avg. Height	Size																																																				
Tag Alder	Medium	< 5 feet	Tall Shrub																																																				
2	6121 - Tamarack	Poletimber Medium	10.9	77		N/A	Scattered spruce and fir of all age classes.																																																
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>10</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Black Spruce</td> <td>15</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>15</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Tamarack</td> <td>60</td> <td>Pole</td> <td>8</td> <td>77</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Balsam Fir	10	Pole	6		Black Spruce	15	Pole	6		Red Maple	15	Pole	6		Tamarack	60	Pole	8	77	<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>Balsam Fir</td> <td>Low</td> <td>&lt; 5 feet</td> <td>Sapling</td> </tr> <tr> <td>Black Spruce</td> <td>Low</td> <td>&lt; 5 feet</td> <td>Sapling</td> </tr> <tr> <td>Tag Alder</td> <td>Low</td> <td>&lt; 5 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>				Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Low	< 5 feet	Sapling	Black Spruce	Low	< 5 feet	Sapling	Tag Alder	Low	< 5 feet	Tall Shrub									
Canopy Species	% Cover	Size Class	DBH	Age																																																			
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Tamarack	60	Pole	8	77																																																			
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Black Spruce	Low	< 5 feet	Sapling																																																				
Tag Alder	Low	< 5 feet	Tall Shrub																																																				
3	6121 - Tamarack	Poletimber Poor	8.6	102		N/A	Very poor quality stand. Tamarack is mostly dead. Low volume of spruce and other species in understory. Water stress/age is a problem.																																																
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4	6120 - Lowland Cedar	Poletimber Well	25.4	102		N/A	A little cedar regen. Not a lot of regen except along edge of stand.																																																
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5	6121 - Tamarack	Poletimber Poor	1.6	90		N/A	Open grown trees with 1 foot elevation difference from surrounding marsh. The high water table is making for poor quality wood that is dying out. Not merchantable.																																																
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6	6121 - Tamarack	Poletimber Medium	51.5	87	81-110	N/A	Stand has a slight elevation difference so trees are not as water stressed. Tamarack is starting to die. The trees are small diameter, but are 4 to 6 sticks tall. Lots of hardwood in the understory.																																																
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
7	6121 - Tamarack	Poletimber Well	14.8	94	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>
Black Spruce		20	Pole	6		Paper Birch	Low	< 5 feet	Sapling
Tamarack		70	Pole	8	94	Black Spruce	Low	< 5 feet	Sapling
Balsam Fir		10	Pole	6		Balsam Fir	Low	5 - 10 feet	Sapling
						Tag Alder	Low	< 5 feet	Tall Shrub
8	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Medium	18.9	90		N/A	Open grown trees with 1 foot elevation difference from surrounding marsh. the high water table is making for poor quality wood that is dying out.		
<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>
Tamarack		30	Pole	8	90	Tag Alder	Low	< 5 feet	Tall Shrub
Quaking Aspen		5	Pole	6		Black Spruce	Low	< 5 feet	Sapling
Balsam Fir		20	Pole	8					
Black Spruce		25	Pole	8					
Black Cherry		5	Pole	6					
Red Maple		15	Pole	6					
9	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Poor	3.0	90		N/A	Open grown trees with 1 foot elevation difference from surrounding marsh. the high water table is making for poor quality wood that is dying out.		
<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		20	Pole	6		Black Spruce	Low	< 5 feet	Sapling
Northern White Cedar		20	Pole	6		Tag Alder	Low	Variable	Tall Shrub
White Pine		20	Log/Pole	14					
Paper Birch		20	Pole	6					
Tamarack		20	Pole	6	90				
10	6121 - Tamarack	Poletimber Medium	18.0	123		N/A	Stand is starting to fill in, the stands acreage has increased since last entry.		
<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>
Tamarack		60	Pole	6	123	Balsam Fir	Low	5 - 10 feet	Sapling
Black Spruce		20	Pole	6		Black Spruce	Low	5 - 10 feet	Sapling
White Pine		10	Log	16		Tag Alder	Low	< 5 feet	Tall Shrub
Balsam Fir		10	Pole	6		Tamarack	Low	5 - 10 feet	Sapling
11	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Medium	10.3	104		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		20	Pole	6		Black Spruce	Low	< 5 feet	Sapling
White Pine		20	Log/Pole	14		Tag Alder	High	Variable	Tall Shrub
Tamarack		40	Pole	6	104				
Black Spruce		20	Pole	6					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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12 500 - Water Nonstocked 16.8 No

13 6128 - Lowland Coniferous, Mixed Deciduous Poletimber Medium 8.2 90 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Tamarack	30	Pole	8	90	Balsam Fir	Low	< 5 feet	Sapling
Paper Birch	15	Pole	8		Tag Alder	Low	< 5 feet	Tall Shrub
Black Ash	5	Pole/Sapling	6					
Balsam Fir	15	Pole	6					
Northern White Cedar	5	Pole	6					
Black Spruce	20	Pole	6					
Red Maple	10	Pole/Sapling	6					

14 6223 - Inundated Shrub Swamp Nonstocked 914.9 No

Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	Low		Sapling
Tamarack	Low		Sapling

15 6121 - Tamarack Poletimber Medium 4.4 85 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	25	Pole	6		Black Spruce	Low	< 5 feet	Sapling
Tamarack	50	Pole	6	85	Tag Alder	Low	5 - 10 feet	Tall Shrub
White Pine	5	Log	16					
Red Maple	20	Pole	6					

16 6129 - Mixed Coniferous Lowland Forest Poletimber Medium 82.5 123 111-140 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	30	Pole	8		Black Spruce	Low	< 5 feet	Sapling
Tamarack	10	Pole	8		Balsam Fir	Low	< 5 feet	Sapling
White Pine	30	Log/Pole	16	123				
Red Pine	15	Log/Pole	16					
Red Maple	15	Pole	6					

Northeast edge is higher with mostly white pine, red pine and hardwood. Spruce is good size and stocking in the north.

17 6112 - Lowland Aspen Poletimber Medium 57.7 96 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Tamarack	10	Pole	8		Black Spruce	Medium	5 - 10 feet	Sapling
Quaking Aspen	40	Pole/Sapling	6	96	Tag Alder	Low	< 5 feet	Tall Shrub
Jack Pine	15	Pole	6					
Red Maple	20	Pole	6					
Black Spruce	15	Pole	6					

Aspen in poor condition. Jack pine is old with large limbs to ground. Scattered tamarack and spruce are present with a conifer fringe on the west and north part of the stand. Scattered white and red pine logs, most are not wind firm. The stocking is variable.





Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																											
18	4319 - Mixed Upland Forest	Sapling Well	31.6	38	51-80	N/A	Good regeneration.																																											
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19	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Medium	58.9	114	81-110	N/A	This stand has some merchantable trees, but there are lots of sub merchantable trees. Also drainage running thru middle of stand.																																											
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20	42330 - Upland Fir	Sapling Medium	7.4	14		N/A	This stand was cut in 2010. White Pine logs left on west side.																																											
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21	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Medium	24.9	102		N/A	Stand is a mix of low land hardwoods that are younger than the overstory spruce and other conifers. There are scattered cedar, aspen and red pine. Stocking is sparse with lots of tag alder and not a lot of regeneration.																																											
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22	6129 - Mixed Coniferous Lowland Forest	Poletimber Poor	8.8	114		N/A	Fairly healthy stand. Timber is more sparse to the south.																																											
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments	
<b>23</b>	6122 - Black Spruce	Poletimber Well	11.1	95	111-140	N/A	This stand is very dense with small diameter black spruce. The diameters range from 4 to 8 inches and average 5 sticks tall. Small ridge of white pine in center of stand also includes red maple, white birch.	
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>			
Black Spruce		80	Pole	6	95			
Tamarack		10	Pole	6				
White Pine		10	Log/Pole	14				
<b>24</b>	4319 - Mixed Upland Forest	Sapling Well	37.7	38	51-80	N/A		
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>			
Balsam Fir		20	Sapling	4				
Black Spruce		10	Sapling	4				
Quaking Aspen		40	Sapling	4	38			
White Pine		5	Log	14				
Jack Pine		5	Sapling	4				
Tamarack		5	Sapling	4				
Paper Birch		5	Sapling	4				
Black Cherry		10	Sapling/Pole	4				
<b>25</b>	500 - Water	Nonstocked	5.2			No		
<b>26</b>	4319 - Mixed Upland Forest	Poletimber Medium	8.8	96	51-80	N/A	Stand is overmature most of the aspen has died out and has been replaced by red maple, while this stand is higher than other stands, it is not a true upland stand.	
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>			
White Spruce		20	Log	14				
White Pine		10	Pole	6				
Red Maple		50	Pole	6	96			
Balsam Fir		20	Pole	6				
<b>Sub-Canopy Species</b>		<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>				
Balsam Fir		Low	5 - 10 feet	Sapling				
Red Maple		Low	5 - 10 feet	Sapling				
<b>27</b>	6122 - Black Spruce	Poletimber Medium	5.3	96	1-50	N/A	Stand is a buffer along the creek.	
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>			
Paper Birch		10	Pole	6				
Tamarack		10	Pole	6				
Black Spruce		60	Pole	7	96			
Jack Pine		20	Pole	8				
<b>Sub-Canopy Species</b>		<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>				
Tag Alder		Low	< 5 feet	Tall Shrub				
<b>28</b>	500 - Water	Nonstocked	1.4			No		
<b>29</b>	6220 - Alder/willow	Nonstocked	16.3			No	Marsh ground along Commencement Creek.	





Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																										
30	6121 - Tamarack	Poletimber Poor	10.6	85		N/A	Timber is very sparse and lots of tag alder.																																										
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31	500 - Water	Nonstocked	1.7			No																																											
32	6117 - Lowland Deciduous, Mixed Coniferous	Sapling Poor	27.8	11	Immature	N/A	Timber sale 41-013-06-01 Pine Creek havest was closed in June 2014. FTP W41-1281 (aspen TSI) was closed. Residual trees left behind are black spruce and cedar. Currently this stand is dominated by red maple and aspen. 2 inch seedlings of jack pine, white pine and black spruce are starting to show up and will need more time to become established, but should regeneration fully.																																										
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33	6122 - Black Spruce	Sapling Medium	6.9	95		N/A	This stand was left from previous harvest. Predominately sapling size.																																										
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34	6122 - Black Spruce	Poletimber Medium	75.7	95	111-140	N/A																																											
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35	6122 - Black Spruce	Poletimber Medium	12.2	46	51-80	N/A	Stand was cut in the 70's. There is some water stress but trees look good.																																										
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36	6223 - Inundated Shrub Swamp	Nonstocked	32.0			No	Pine Creek and surrounding marshland.																																										
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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**37** 3302 - Low Density Conifer Trees Nonstocked 6.7 612 - Lowland Coniferous Forest 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.

Sub-Canopy Species	Density	Avg. Height	Size
Tamarack	Low		Sapling
Red Maple	Low		Sapling
Black Spruce	Low		Sapling
White Pine	Low		Sapling

**38** 429 - Mixed Upland Conifers Poletimber Medium 22.8 45 51-80 N/A This is a variable stand with a variety of ages, diameters and stocking. It is mostly upland, but there is lowland included in the stand.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	10	Pole/Sapling	6		Black Spruce	Low	< 5 feet	Sapling
Black Spruce	15	Sapling	4		White Pine	Low	< 5 feet	Sapling
Balsam Fir	10	Pole/Sapling	6		Jack Pine	Low	< 5 feet	Sapling
White Pine	20	Log	14		Red Maple	Low	< 5 feet	Sapling
Paper Birch	5	Pole/Sapling	6					
Jack Pine	20	Sapling/Pole	4	45				
Red Pine	5	Log	14					
Red Maple	15	Pole	8					

**39** 110 - Low Intensity Urban Nonstocked 14.3

**40** 6122 - Black Spruce Poletimber Well 9.1 102 Unspecified N/A

Canopy Species	% Cover	Size Class	DBH	Age
Black Spruce	80	Pole	8	102
White Pine	10	Log	14	
Jack Pine	10	Pole	8	

**41** 6122 - Black Spruce Poletimber Well 23.7 102 171-200 N/A

Canopy Species	% Cover	Size Class	DBH	Age
Paper Birch	5	Pole	6	
Tamarack	5	Pole	6	
Black Spruce	90	Pole/Log	9	102





Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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**42** 6128 - Lowland Coniferous, Mixed Deciduous Poletimber Medium 24.8 103 111-140 N/A

Canopy Species	% Cover	Size Class	DBH	Age
White Pine	5	Log	16	
Balsam Fir	10	Pole	6	
Paper Birch	10	Pole	6	
Black Spruce	10	Pole	6	
Northern White Cedar	5	Pole	6	
Tamarack	40	Pole	6	103
Red Maple	20	Pole	6	

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Low	10 - 20 feet	Sapling
Balsam Fir	Low	5 - 10 feet	Sapling
Tag Alder	Medium	5 - 10 feet	Tall Shrub

**43** 6224 - Treed Bog Nonstocked 2.1 No

**44** 6124 - Lowland Spruce-Fir Sapling Poor 52.4 11 Immature N/A

Canopy Species	% Cover	Size Class	DBH	Age
Tamarack	40	Sapling	3	11
Quaking Aspen	9	Sapling	1	11
Balsam Fir	10	Sapling	1	11
Black Spruce	40	Sapling	3	11
Northern White Cedar	1	Pole	5	70

This stand was harvested in 2010. 41-013-06-01 Pine Creek havest. FTP W41-1281 (aspen TSI) was closed. Residual trees left behind are black spruce and cedar. fully stocked stand great tamarack and black spruce regen, looks like a Charlie Brown Christmas tree farm.

**45** 429 - Mixed Upland Conifers Sapling Medium 13.0 26 51-80 N/A

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	15	Sapling	2	
Black Spruce	15	Sapling	2	
Jack Pine	25	Sapling	2	
White Pine	10	Sapling	2	
Quaking Aspen	35	Sapling	2	26

Sub-Canopy Species	Density	Avg. Height	Size
Tag Alder	Low	< 5 feet	Tall Shrub
Black Spruce	Low	< 5 feet	Sapling

Stand was finished cutting in 2001 TS#36-97-01. FTP# C41-829. In 2003 stand was never scarified and parts of it were aspen regen. 5000 jack pine were planted by inmates in remaining open areas during spring 2003. Jack pine was again planted in 2007. Jack Pine is okay were it is more open. There is a lot of competition in other areas of the stand. FTP was closed.

**46** 6121 - Tamarack Poletimber Medium 13.2 103 51-80 N/A

Canopy Species	% Cover	Size Class	DBH	Age
Black Spruce	15	Pole	6	
Balsam Fir	15	Pole	6	
Tamarack	70	Pole	6	103

Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	Low	< 5 feet	Sapling
Tag Alder	Medium	5 - 10 feet	Tall Shrub

Stand is variable - species are slow growing due to water stress, but doing okay. Diameter and heights are small. Scattered red and white pine are dying out.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																											
47	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Poor	18.7	93	1-50	N/A	The last inventory this tand was labeled a treed bog, now however, it has enough timber to be considered a forested stand. It is still sparsely stocked.																																											
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48	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Medium	23.2	48	51-80	N/A	This stand is the buffer left along Pine Creek.																																											
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49	6122 - Black Spruce	Poletimber Well	17.5	95	111-140	N/A	There are some large white pine near the north end of that stand. The tamarack in the stand is starting to die, not sure if it is water stress or sawfly.																																											
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50	6124 - Lowland Spruce-Fir	Poletimber Medium	13.8	103	51-80	N/A	Stand has lots of submerchantable trees and areas of poor stocking. There are some scattered large spruce and white pine on the edges. Access and water stress make this stand undesirable for harvest.																																											
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51	6122 - Black Spruce	Poletimber Well	16.1	93	51-80	N/A	Lots of small diameter trees and about 50% of spruce makes a stick. stand is healthy not much dead. There are scattered red and white pine.																																											
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52	500 - Water	Nonstocked	10.3			No	Drainage ditches along M-28.																																											



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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**53** 110 - Low Intensity Urban Nonstocked 10.9 No M-28.

**54** 6122 - Black Spruce Poletimber Well 9.5 90 51-80 N/A Stand is variable. Jack pine is in a small pocket by the road. Trees are healthy.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	10	Pole	6		Balsam Fir	Low	< 5 feet	Sapling
Black Spruce	50	Pole	7	90	Tag Alder	Low	< 5 feet	Tall Shrub
Jack Pine	5	Pole	6					
Balsam Fir	5	Pole	6					
Tamarack	15	Pole	6					
Red Pine	15	Log	12					

**55** 6124 - Lowland Spruce-Fir Poletimber Poor 32.5 93 51-80 N/A This was a fully stocked tamarack stand but all of the tamarack has died or will die shortly. now a spruce mixed stand, small diameters as it was the under story

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	15	Pole	6		Black Spruce	Low	5 - 10 feet	Sapling
Paper Birch	5	Pole/Sapling	6		Tag Alder	Low	< 5 feet	Tall Shrub
Tamarack	5	Pole	8	103				
Northern White Cedar	15	Log/Pole	10					
Balsam Fir	15	Pole/Sapling	6					
White Pine	5	Log	14					
Black Spruce	40	Pole/Sapling	6	93				

**56** 6224 - Treed Bog Nonstocked 129.1 No

Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	Medium		Pole
Black Spruce	Medium		Pole
White Pine	Low		Log
Tamarack	Medium		Pole
Black Ash	Trace		Pole

**57** 6122 - Black Spruce Poletimber Medium 4.4 102 81-110 N/A Trees are starting to die back due to water stress. A lot of small black spruce. North half has more white pine, the southern half is more spruce.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	50	Pole/Sapling	6	102	Red Maple	Low	10 - 20 feet	Sapling
Tamarack	20	Pole	6		Black Spruce	Low	5 - 10 feet	Sapling
White Pine	20	Log	18		Tag Alder	Low	< 5 feet	Tall Shrub
Paper Birch	10	Pole/Sapling	6					





Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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**58** 6128 - Lowland Coniferous, Mixed Deciduous Poletimber Poor 5.7 93 51-80 N/A Large spruce and white pine on the edges of the stand, tamarack which made of most the stand has died. Lots of little open pockets of smaller diameter trees.

Canopy Species	% Cover	Size Class	DBH	Age
Northern White Cedar	5	Pole	8	
Tamarack	5	Pole	8	103
White Pine	10	Log	14	
Quaking Aspen	20	Pole/Sapling	6	
Black Spruce	35	Pole/Sapling	6	93
Balsam Fir	5	Pole/Sapling	6	
Paper Birch	10	Pole	6	
Red Maple	10	Pole/Sapling	6	

Sub-Canopy Species	Density	Avg. Height	Size
Tag Alder	Medium	5 - 10 feet	Tall Shrub

**59** 6128 - Lowland Coniferous, Mixed Deciduous Poletimber Medium 10.8 93 51-80 N/A This stand is lightly stocked. There are lots of small spruce, tamarack within the stands is 50% dead or dieing.

Canopy Species	% Cover	Size Class	DBH	Age
Black Spruce	40	Pole/Sapling	6	93
Tamarack	20	Pole/Sapling	6	103
Quaking Aspen	10	Pole/Sapling	6	
White Pine	5	XLog	18	
Red Pine	5	Log	16	
Red Maple	15	Pole/Sapling	6	
Paper Birch	5	Pole/Sapling	6	

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Low	5 - 10 feet	Sapling
Black Spruce	Low	10 - 20 feet	Sapling
Tamarack	Low	5 - 10 feet	Sapling

**60** 500 - Water Nonstocked 6.7 No