



# Compartment Review Presentation

Shingleton Forest Management Unit

Compartment 41162

Entry Year 2027

Acreage: 6,128

County: Schoolcraft

Management Area: Seney Lake Plain

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**Stand Examiner:** Scott Kentner

**Legal Description:**

T46N R16W sections 1 - 4, 9 – 12 and 13 - 15

**Identified Planning Goals:**

**Soil and topography:**

This is part of the Creighton marsh complex – flat and very wet. The soils are generally peat or mucks.

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

There are private lands with numerous hunting camps on the upland area immediately to the east of this compartment. There are no private lands within the compartment boundaries, and no development beyond the abandoned road and the 1976 Seney National Wildlife Refuge Fire control line.

**Unique Natural Features:**

This area is a classic example of a pattern fen ecosystem. There are numerous drainages throughout the area.

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

Remnants of the fire control lines from the 1976 Walsh Ditch Fire are still highly visible.

**Special Management Designations or Considerations:**

This compartment is included in the Creighton Marsh Patterned Fen ERA.

**Watershed and Fisheries Considerations:**

This compartment contains the Creighton River, Stoner Creek, Shotgun Creek, and Marsh Creek. The Creighton River, Stoner Creek, Shotgun Creek, and Marsh Creek are all designated Type 1 trout stream less than 50-ft wide that have predicted mean July water temperatures that range from 60.3 to 63.9°F (cold streams). 300-foot buffers are recommended for the Creighton River, Stoner Creek, Shotgun Creek, and Marsh Creek in riparian areas susceptible to Aspen regeneration. For areas not susceptible to Aspen regeneration, a minimum 100-ft, plus 5 feet per 1% increase in slope, riparian management zone is recommended for these waterbodies to protect riparian areas in accordance with Best Management Practices.

**Wildlife Habitat Considerations:**

Bounded on the west by the Creighton River, and containing the Stoner, Shotgun, and Marsh creeks, this compartment is dominated by a pattern fen ecosystem. The General Land Office Surveyors (circa 1850) noted that areas that did contain forest were dominated by tamarack, spruce, and cedar. White pine, white birch, red maple, hemlock, and yellow birch were less common. Balsam fir, red pine, aspen and beech appeared to have been relatively minor components in this system. Although cedar may have replaced tamarack as the dominant tree species in some locations and the Seney Fire line has somewhat impacted drainage patterns, the vegetation in the compartment appears fairly similar to that described by the first surveyors. Wildlife habitat objectives in this compartment center around maintaining the unique features associated with the pattern fen ecosystem. Old-growth designation for the entire compartment will facilitate this goal.

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

Surface sediments consist of peat and muck. There is insufficient data to determine the glacial drift thickness. The Ordovician Black River and Prairie du Chien Groups subcrop below the glacial drift. These rocks are quarried for stone/dolomite. Gravel pits are not located in the area and potential appears to be limited. There is no commercial oil and gas production in the UP.

**Vehicle Access:**

None at this time.

**Survey Needs:**

None at this time.

**Recreational Facilities and Opportunities:**

There are no developed recreational facilities in this compartment, and none planned. The area may be used by hunters, fishermen and trappers..

**Fire Protection:**

Extremely poor access would make fire suppression very difficult.

**Additional Compartment Information:**

The area provides remote habitat for moose.

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

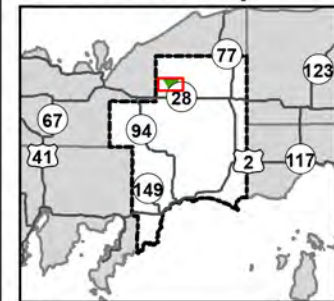
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

**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: 41162  
 T46N, R16W, Sec: 1-4, 9-15  
 County: Schoolcraft  
 Unit: Shingleton  
 Mgmt. Area: Seney Lake Plain  
 YOE: 2027  
 Acres: 6,128 GIS Calculated  
 Examiner: Scott Kentner  
 Date Exported: 07/30/2025  
 Map Phase: Web Post



0 0.5 1 Miles

Survey Grade Corners

DNR - Forest Access Route

County - Gravel Road

Private - Paved Road

Private - Dirt / Gravel Road

Perennial River

Lakes and Rivers

Counties

Compartment Boundary

Treatments with Site Conditions

429 - Mixed Upland Conifers

430 - Upland Mixed Forest

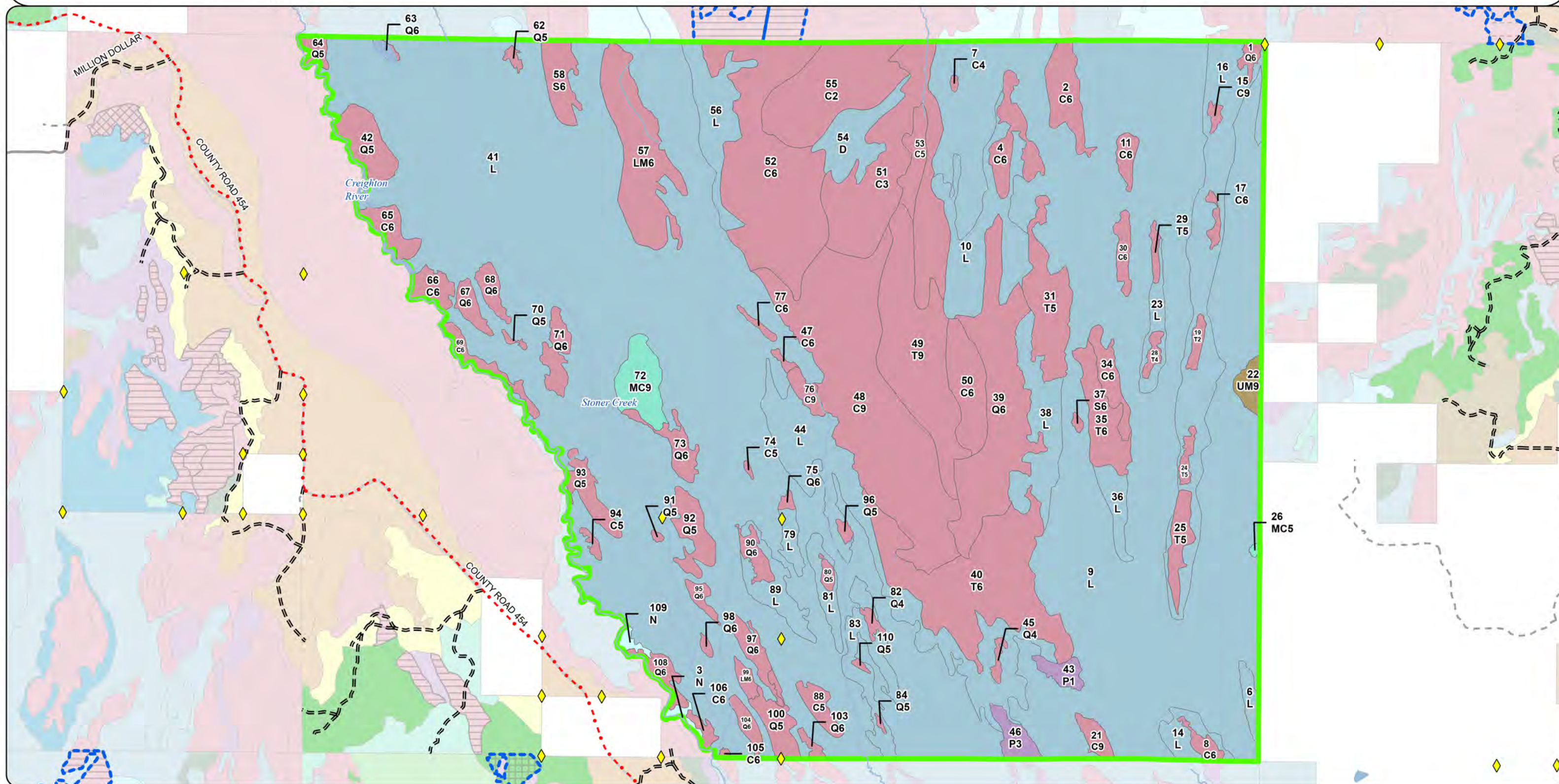
611 - Lowland Deciduous Forest

612 - Lowland Coniferous Forest

613 - Lowland Mixed Forest

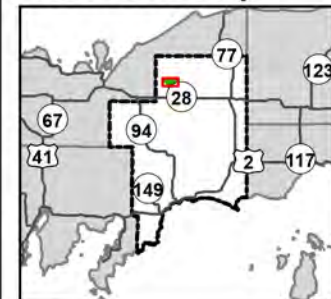
622 - Lowland Shrub

623 - Emergent Wetland





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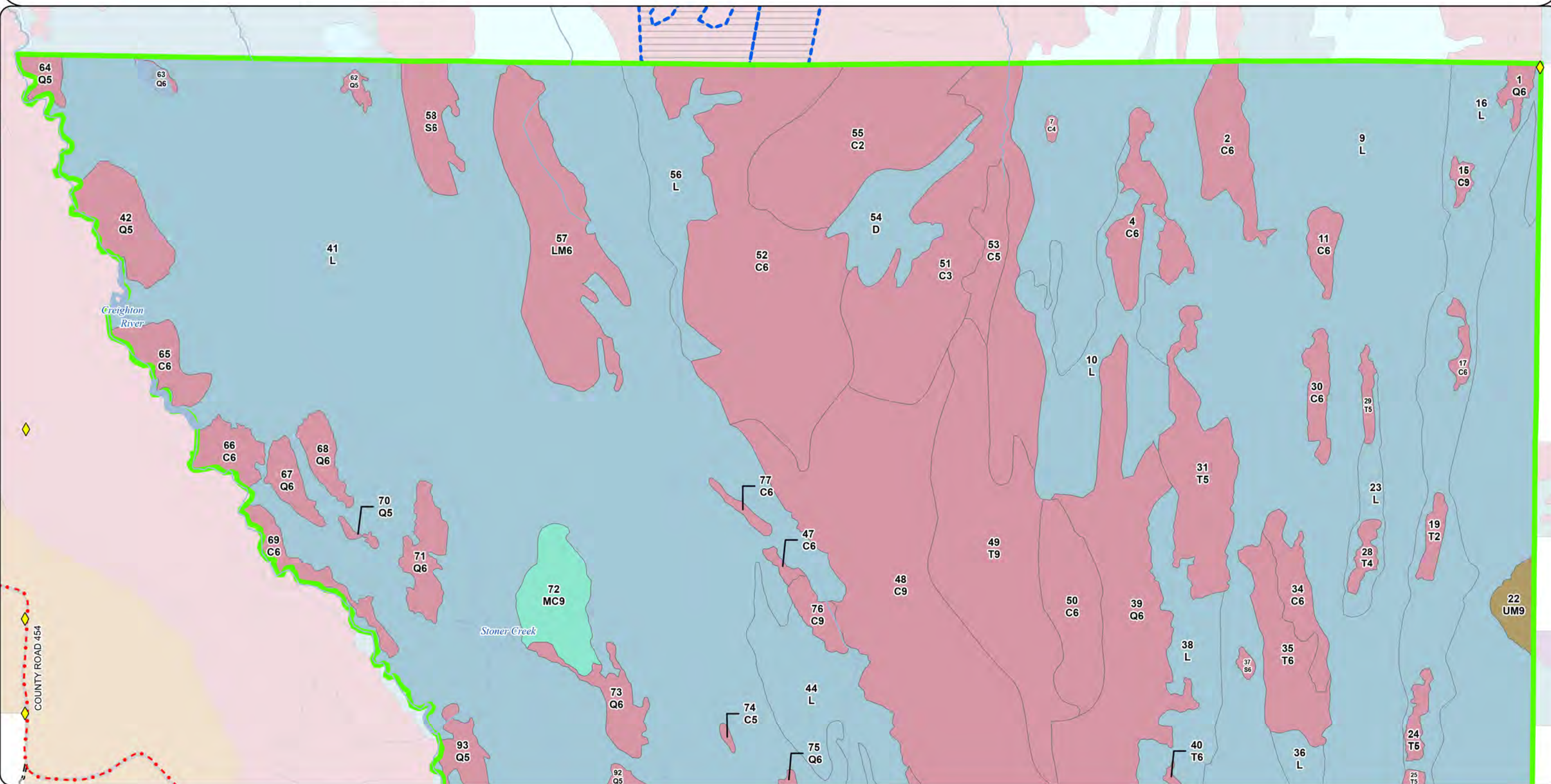
429 - Mixed Upland Conifers

430 - Upland Mixed Forest

612 - Lowland Coniferous Forest

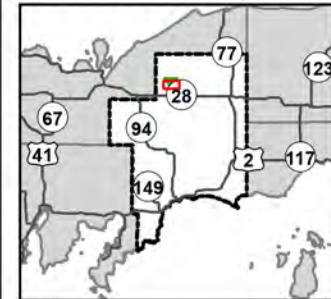
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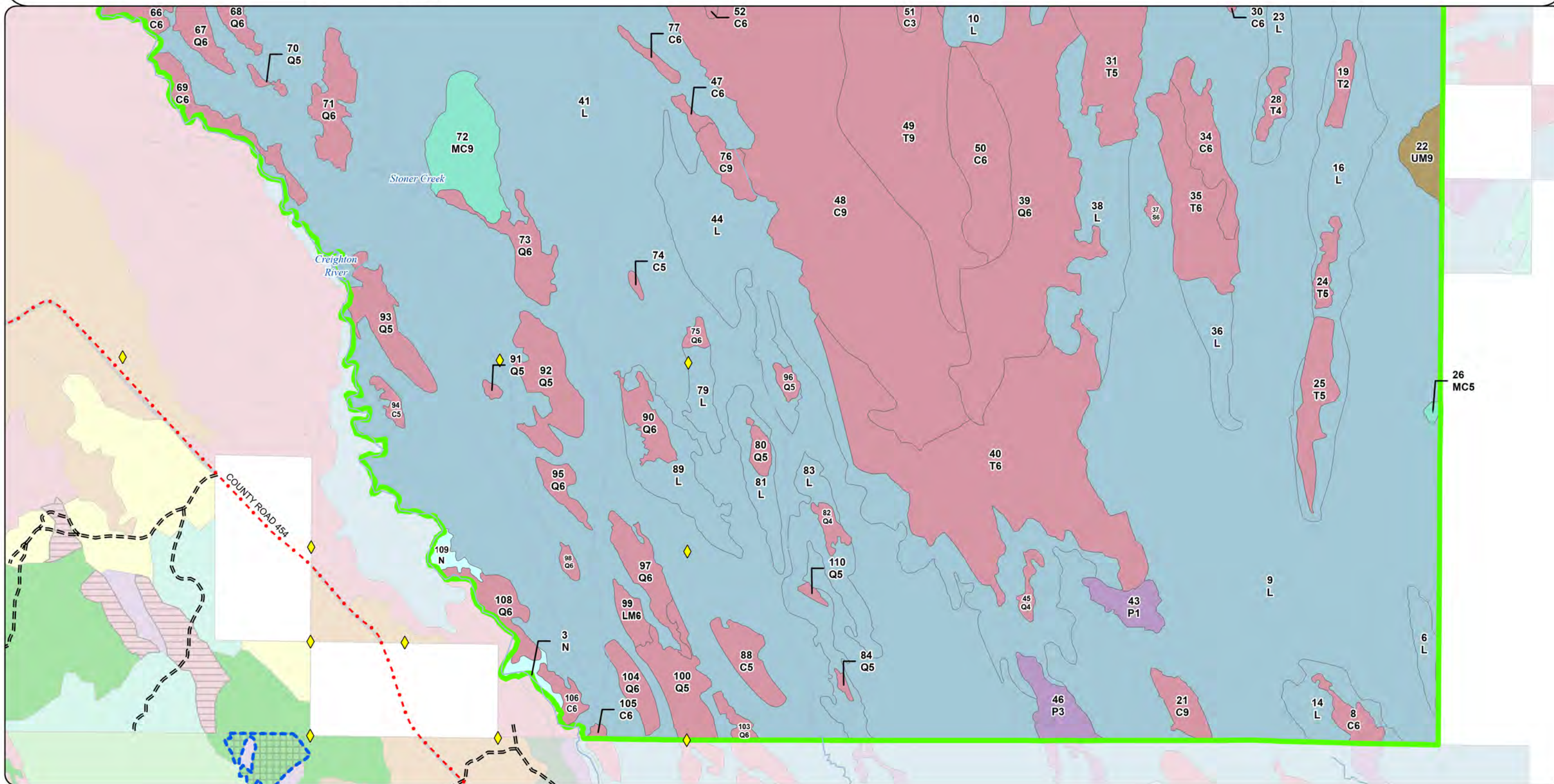
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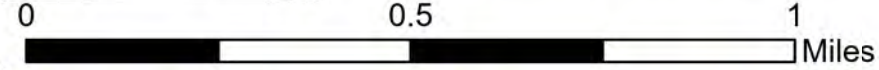
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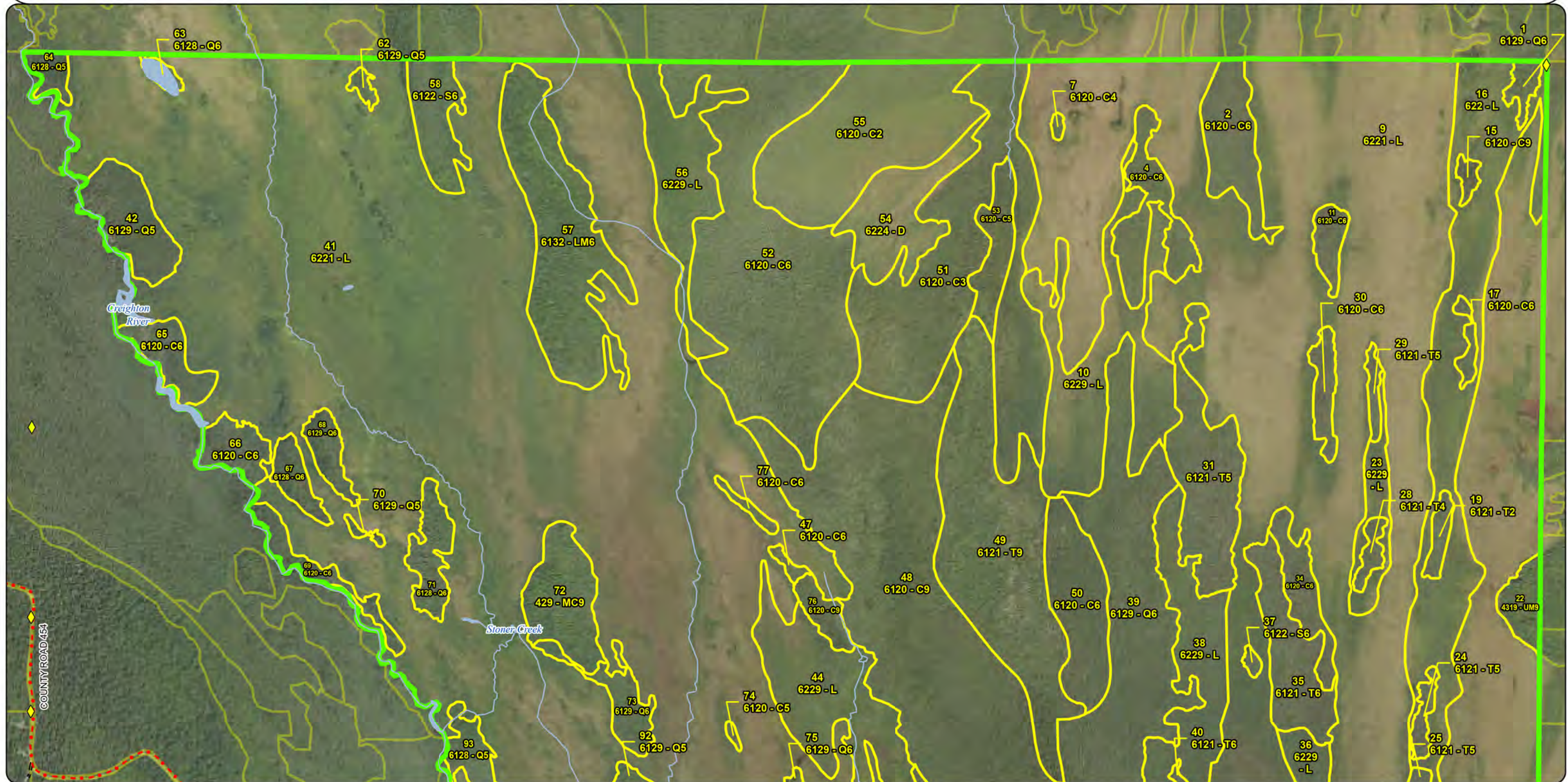






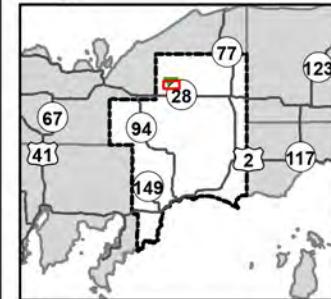
=== DNR - Forest Access Route  
 - - - County - Gravel Road  
 - - - Private - Dirt / Gravel Road

429 - Mixed Upland Conifers





# Stand Boundary Map



Compartment: 41162  
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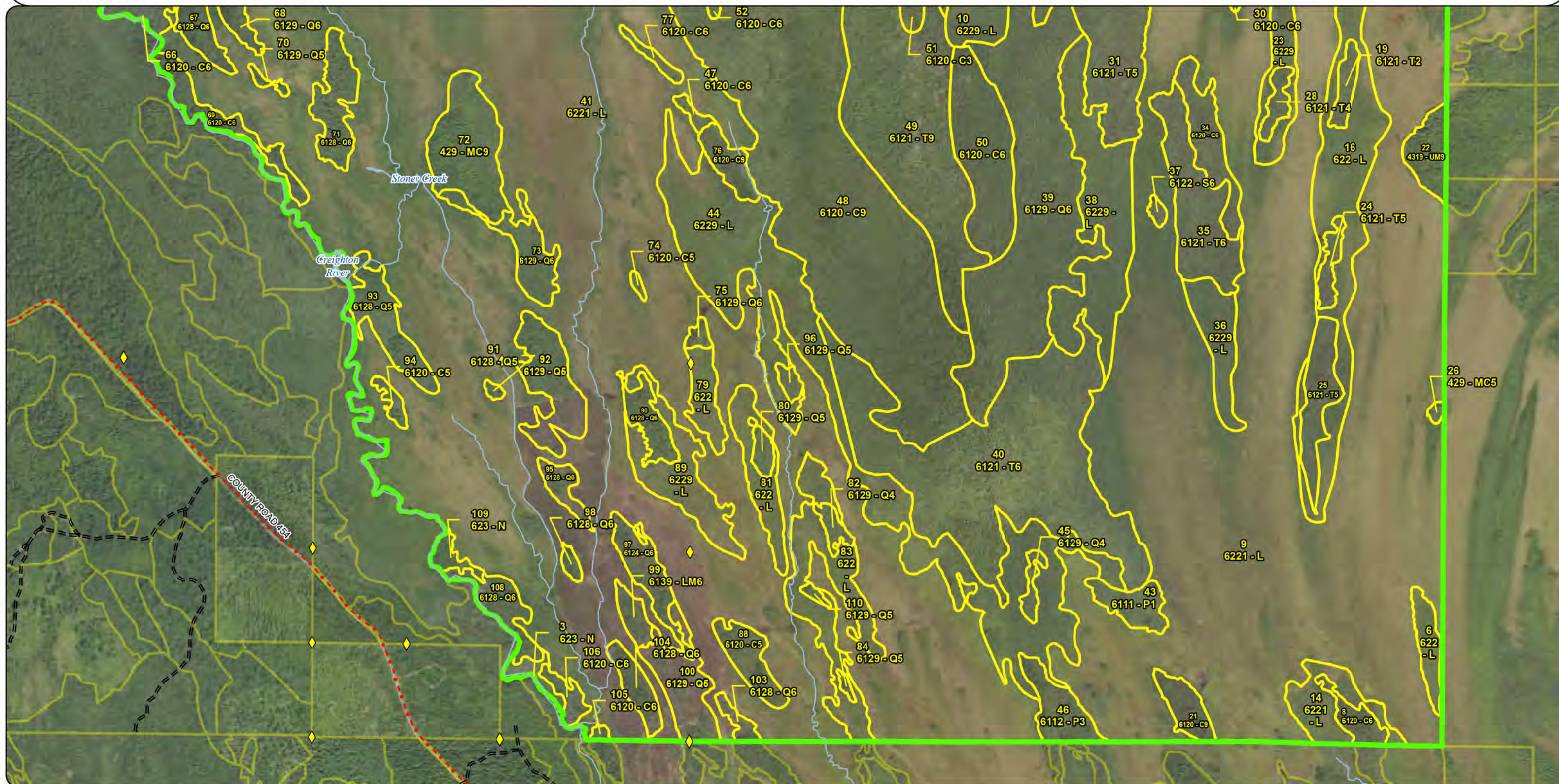
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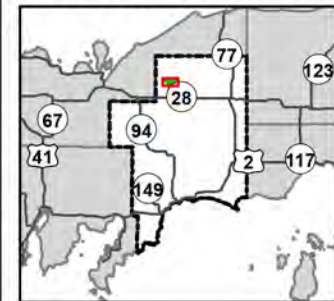
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# Special Conservation Areas & Site Conditions Map



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Compartment Boundary

Stand Boundaries

Ecological Reference Areas

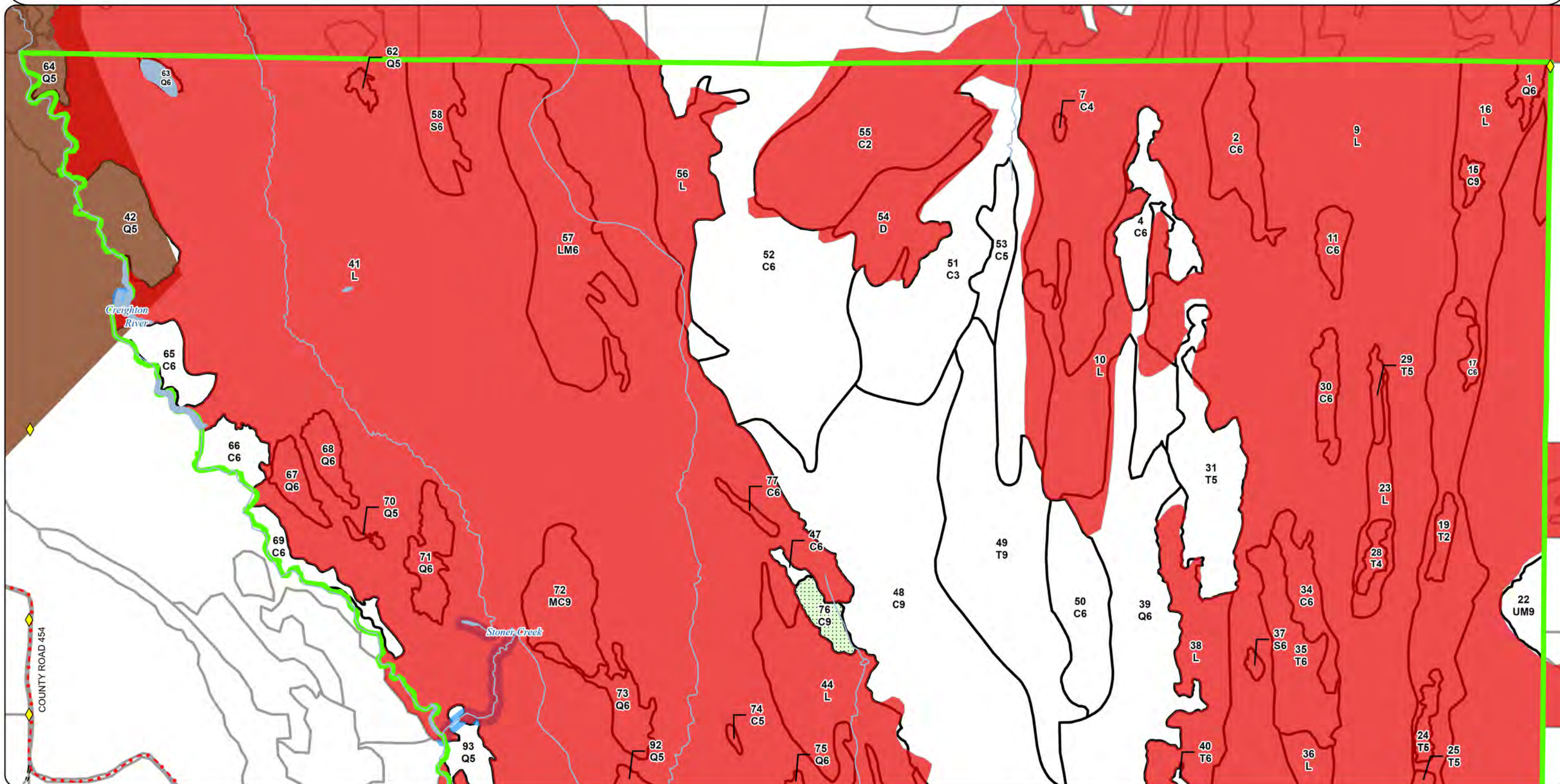
SCA

Cold Water Streams

High Priority Trout Stream Buffer

Deer Winter Range

Possible Type 1 Old Growth








A horizontal scale bar with a black border. It is divided into four segments by three vertical lines. The segments are colored black, white, black, and white from left to right. Above the bar, the numbers 0, 0.5, and 1 are placed at the first, second, and third vertical lines respectively. To the right of the bar, the word "Miles" is written.

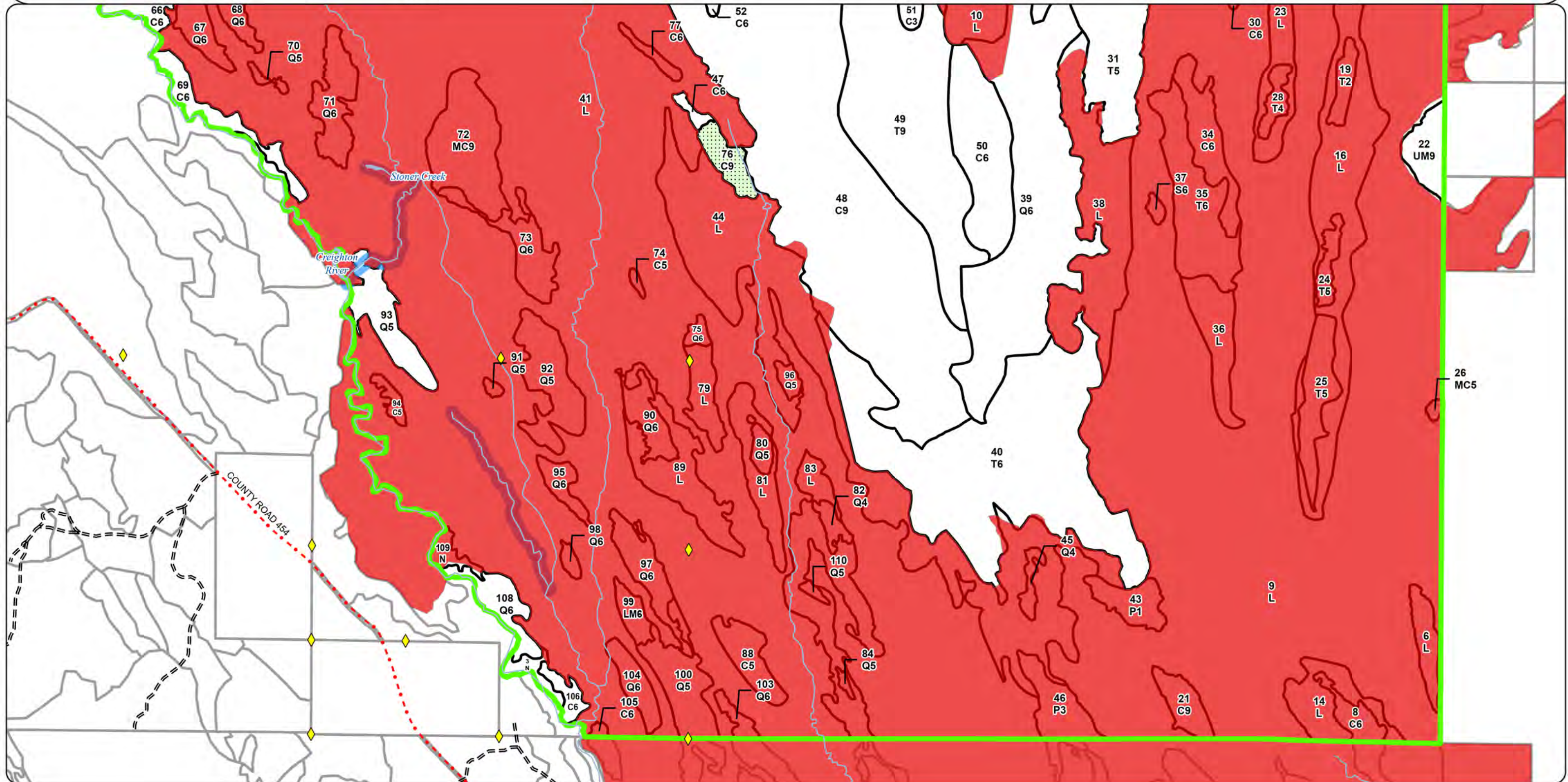


### Cold Water Streams

 High Priority Trout Stream Buffer

 Possible Type 1 Old Growth

 Ecological Reference Areas





# 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	257	0	0	11	51	31	25	608	0	0	19	1002
Lowland Aspen/Balsam Poplar	0	0	0	0	0	26	0	0	0	0	0	0	0	0	0	0	0	0	26
Lowland Conifers	0	0	0	0	0	0	0	0	6	0	20	126	0	0	43	5	142	49	391
Lowland Mixed Forest	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	91	97
Lowland Shrub	4054	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4054
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	0	2	0	25	0	0	0	0	0	0	27
Marsh	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Tamarack	0	0	0	0	0	6	0	0	0	0	0	0	0	5	421	0	0	0	431
Treed Bog	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41
Upland Conifers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	35	36
Upland Mixed Forest	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	12
<b>Total</b>	<b>4104</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>32</b>	<b>0</b>	<b>257</b>	<b>12</b>	<b>2</b>	<b>31</b>	<b>202</b>	<b>31</b>	<b>30</b>	<b>1073</b>	<b>5</b>	<b>142</b>	<b>206</b>	<b>6126</b>





## Report 2 – Treatment Summary

**Shingleton Mgt. Unit**  
**Year of Entry: 2027**

**Compartment 162**  
**Total Compartment Acres: 6,128**

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### Acres of Harvest

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

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S t a n d	Mgt. Unit		Report 3 -- Treatments						Compartment: 41162		
									Year of Entry: 2027		
	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut

Total Treatment  
 Acreage Proposed: 0





Availability for Management

Total Acres    Acres Available    Acres With Condition    Acres Not Available

Dominant Site Conditions

3J

1002	0	0	1002	Cedar	48
26	0	0	26	Lowland Aspen/Balsam Poplar	
390	0	0	390	Lowland Conifers	61
97	0	0	97	Lowland Mixed Forest	
4046	0	0	4046	Lowland Shrub	
26	0	0	27	Lowland Spruce/Fir	
8	0	0	8	Marsh	5
432	0	0	432	Tamarack	
41	0	0	41	Treed Bog	
36	0	0	36	Upland Conifers	
12	0	0	12	Upland Mixed Forest	
6,116			6,116	Total Forested Acres	114
	0%		100%	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		3A: Conservation values incompatible with harvest at this time	9	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> No roads through Patterned Fen ERA								
2	Unavailable		3A: Conservation values incompatible with harvest at this time	5,996	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> No new roads through Patterned Fen ERA to reach this stand.								



Shingleton Mgt. Unit  
Scott Kentner: Examiner

## Report 4 – Site Conditions

Compartment: 162  
Year of Entry: 2027



3	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	114	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	Unspecified	Unspecified	Unspecified
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**Comments:**

Creighton River buffer and no new roads through pattern fen ERA to reach the stands.



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
	Type 1 or Type 2 Old Growth	Possible Type 1 Old Growth	SCA	9
<b>Comments</b>				
This stand meets OG qualifications.				









Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																															
8	6120 - Lowland Cedar	Poletimber Well	7.7	97	81-110	N/A	Cedar stand with a mix of other species including some larger white pine. Heavy mortality has occurred in the paper birch leaving numerous snags.																																															
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Paper Birch</td><td>5</td><td></td><td>9</td><td></td></tr><tr><td>Tamarack</td><td>10</td><td></td><td>10</td><td></td></tr><tr><td>White Pine</td><td>15</td><td></td><td>14</td><td></td></tr><tr><td>Black Spruce</td><td>20</td><td>Sapling</td><td>6</td><td></td></tr><tr><td>Northern White Cedar</td><td>50</td><td>Sapling</td><td>7</td><td>97</td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Paper Birch	5		9		Tamarack	10		10		White Pine	15		14		Black Spruce	20	Sapling	6		Northern White Cedar	50	Sapling	7	97	<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Balsam Fir</td><td>Medium</td><td>Variable</td><td>Variable</td></tr><tr><td>Tag Alder</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Black Spruce</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>Northern White Cedar</td><td>Low</td><td>Variable</td><td>Variable</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Medium	Variable	Variable	Tag Alder	Medium	5 - 10 feet	5 - 10 feet	Black Spruce	Low	Variable	Variable	Northern White Cedar	Low	Variable	Variable
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9	6221 - Fen	None	1,429.2			No	ERA - Patterned fen Includes marsh grass, patches of light lowland brush and/or merchantable trees, and scattered submerchantable cedar & tamarack. Much of this stand burned in the Seney NWR fire of 1976. It is likely that many of the trees seeded in after the fire, and might eventually reach merchantable size. Evidence of seasonal flooding is also present in some areas.																																															
10	6229 - Mixed Lowland Shrub	None	90.0			No	Mix of lowland species (tag alder, willow etc.) of varying size and density. There are also trees (mostly tamarack and cedar) scattered throughout. In some pockets these trees are denser and a few have reached merchantable size, but most are sub-merchantable.																																															
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11	6120 - Lowland Cedar	Poletimber Well	9.3	121	171-200	N/A	Dense but very slow-growing cedar. The understory is a mix of cedar regen and lowland brush.																																															
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14	6221 - Fen	None	19.7			No	ERA - Patterned fen. Low- to medium-density lowland brush featuring a mix of species. Scattered submerchantable tamarack and cedar are also present, plus pockets of larger trees.																																															
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15	6120 - Lowland Cedar	Sawtimber Well	3.2	95	51-80	N/A	Age estimate is from previous inventory data, but scattered larger cedar suggest age variability.																																															
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16	622 - Lowland Shrub	None	155.3			No	Dense lowland brush area dominated by tag alder over marsh vegetation. There are also a few scattered cedar and tamarack (mostly submerchantable) scattered throughout the area.																																															
		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Tamarack</td><td>Trace</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Tag Alder</td><td>Full</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Northern White Cedar</td><td>Trace</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height		Size	Tamarack	Trace	10 - 20 feet	10 - 20 feet	Tag Alder	Full	5 - 10 feet	5 - 10 feet	Northern White Cedar	Trace	10 - 20 feet	10 - 20 feet																																		
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
25	6121 - Tamarack	Poletimber Medium	18.5	135	51-80	N/A	More tamarack/cedar mix that is beginning to display two-aged characteristics. Some cedar & spruce regen mixed into the lowland brush in the understory.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Red Maple	2	Sapling	5		Black Spruce	Low		Variable	Variable
Tamarack	65		8	135	Northern White Cedar	Low		Variable	Variable
White Pine	3		14		Tag Alder	Medium		5 - 10 feet	5 - 10 feet
Black Spruce	10	Sapling	6	71					
Northern White Cedar	20	Sapling	6	135					
26	429 - Mixed Upland Conifers	Poletimber Medium	1.2	135	1-50	N/A	This semi-open stand has large white pine (up to 18" DBH+) and a few tamarack and paper birch. The understory is a mix of white pine/black spruce 2-4" DBH and lowland brush.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Tamarack	20		8		Tag Alder	Medium		5 - 10 feet	5 - 10 feet
White Pine	45		18	135	White Pine	Medium		>20 feet	>20 feet
Black Spruce	15	Pole	4		Black Spruce	Medium		>20 feet	>20 feet
Red Maple	5	Log	4						
Paper Birch	15	Sapling	7						
28	6121 - Tamarack	Poletimber Poor	5.4	130	1-50	N/A	Slow-growing tamarack/cedar. Understory is a mix of tag alder and conifer regeneration.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Northern White Cedar	30	Sapling	7		Tag Alder	Medium		5 - 10 feet	5 - 10 feet
Tamarack	70	Pole	4	130	Black Spruce	Low		Variable	Variable
					Northern White Cedar	Low		Variable	Variable
29	6121 - Tamarack	Poletimber Medium	4.7	121	1-50	N/A	Very slow-growing tamarack/cedar mix. Understory is a mix of cedar, tamarack and lowland brush.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Tamarack	60	Sapling	7	121	Tamarack	Low		Variable	Variable
Black Spruce	10	Sapling	6		Tag Alder	Medium		5 - 10 feet	5 - 10 feet
Northern White Cedar	30	Sapling	7		Northern White Cedar	Low		Variable	Variable
30	6120 - Lowland Cedar	Poletimber Well	11.0	121	111-140	N/A	Slow-growing cedar. Understory consists of lowland brush and a few cedar seedlings.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Tamarack	12	Sapling	7		Tag Alder	Medium		5 - 10 feet	5 - 10 feet
Black Spruce	3		8		Northern White Cedar	Low		Variable	Variable
Northern White Cedar	85		8	121					
31	6121 - Tamarack	Poletimber Medium	54.5	132	1-50	N/A	The density and species composition of this stand vary as a result of developing age-class diversity. The understory is also highly variable, with cedar regeneration slowly replacing the lowland brush. The age shown here is from previous inventory and represents the oldest cohort of slow-growing cedar, but age-class diversity is becoming evident.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Tamarack	60	Sapling	7	132	Tag Alder	Medium		5 - 10 feet	5 - 10 feet
Northern White Cedar	40	Sapling	7		Northern White Cedar	Medium		Variable	Variable





Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																													
34	6120 - Lowland Cedar	Poletimber Well	19.0	130	51-80	N/A	More slow-growing cedar. Site index was estimated using the year of stand origin from previous inventory data, which appears to be reasonably accurate. Some age class diversity is developing.																																													
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35	6121 - Tamarack	Poletimber Well	37.3	130	51-80	N/A	Cedar may eventually dominate this stand, as the understory also contains patches of cedar regeneration. Many larger tamarack (10"+ DBH, 4-5 pulpsticks) were present, but heavy mortality has taken a toll.																																													
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Northern White Cedar</td><td>30</td><td></td><td>8</td><td></td></tr><tr><td>Tamarack</td><td>70</td><td>Seedling</td><td>6</td><td>130</td></tr></table>			Canopy Species	% Cover	Size Class	DBH	Age	Northern White Cedar	30		8		Tamarack	70	Seedling	6	130	<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Tag Alder</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Northern White Cedar</td><td>Medium</td><td>Variable</td><td>Variable</td></tr></table>			Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Medium	5 - 10 feet	5 - 10 feet	Northern White Cedar	Medium	Variable	Variable																				
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36	6229 - Mixed Lowland Shrub	None	18.7			No	ERA - Patterned Fen. Dense lowland brush area dominated by 8-12' tall tag alder over marsh vegetation.																																													
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37	6122 - Black Spruce	Poletimber Well	1.7	89	51-80	N/A																																														
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38	6229 - Mixed Lowland Shrub	None	61.7			No	ERA - Patterned Fen.Low- to medium-density lowland brush featuring a mix of species 3-6' tall. Willows appear to be the dominant species. Scattered sub-merchantable tamarack and cedar are present throughout the stand.																																													
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39	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	141.9	158	51-80	N/A	Density, composition and age structure vary throughout this stand, which also includes patches of semi-open lowland brush. The year of origin was carried forward from previous inventory data, but uneven-aged characteristics have become pronounced.																																													
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40	6121 - Tamarack	Poletimber Well	167.1	139	51-80	N/A	Mostly slow-growing 2-4 stick tamarack with other conifers mixed in. The understory is a mix of conifers and tag alder. The fir and spruce poles appear to be a second generation.																																													
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments			
69	6120 - Lowland Cedar	Poletimber Well	14.2	109	51-80	N/A	Slow-growing mixed conifers near the Creighton River Some black ash is also present.			
<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		5	Sapling	6		Red Maple		Medium	Variable	Variable
Tamarack		20		10		Balsam Fir		Medium	Variable	Variable
Red Maple		10	Sapling	6		Black Ash		Medium	Variable	Variable
Paper Birch		5		9		Northern White Cedar		Medium	Variable	Variable
Black Spruce		5		8						
Northern White Cedar		55	Sapling	7	109					
70	6129 - Mixed Coniferous Lowland Forest	Poletimber Medium	1.6	104	1-50	N/A	Semi-open lowland conifers - uneven-aged characteristics are developing. The understory is dominated by lowland shrubs.			
<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		15		8		Tag Alder		Medium	5 - 10 feet	5 - 10 feet
White Pine		15		16		Black Spruce		Low	Variable	Variable
Black Spruce		30	Sapling	7		Northern White Cedar		Low	Variable	Variable
Northern White Cedar		40		7	104					
71	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	17.8	104	81-110	N/A	Mixed timber on wet ground.			
<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		30	Sapling	6		Black Spruce		Low	Variable	Variable
Tamarack		30		9	104	Northern White Cedar		Low	Variable	Variable
Black Spruce		20		8		Red Maple		Medium	Variable	Variable
Northern White Cedar		20		7		Tag Alder	Low	5 - 10 feet	5 - 10 feet	
72	429 - Mixed Upland Conifers	Sawtimber Well	34.6	132	81-110	N/A	This stand has reached an uneven-aged condition. The cedar poles are in the 6-8" DBH class, many of the the hemlock and white pine are larger (log size class) trees, and the understory is a conifer mix.			
<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		3		8		White Pine		Low	Variable	Variable
Northern White Cedar		30		8	101	Black Spruce		Low	Variable	Variable
Hemlock		19		16		Northern White Cedar		Medium	Variable	Variable
White Pine		45		16	132	Hemlock		Low	Variable	Variable
Tamarack		3		10						
73	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	16.2	132	1-50	N/A	Semi-open timber on very wet ground. Age-class diversity is present; composition and stand density are highly variable, with basal area ranging from 0-90 sq.ft./acre.			
<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	Sapling	7	101	Northern White Cedar		Low	Variable	Variable
Red Maple		5	Sapling	5		Black Ash		Low	Variable	Variable
Paper Birch		5		6		Red Maple		Low	Variable	Variable
Black Spruce		25	Sapling	6		Tag Alder		Medium	5 - 10 feet	5 - 10 feet
Northern White Cedar		35		7	132					





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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																								
94	6120 - Lowland Cedar	Poletimber Medium	3.2	132	51-80	N/A	Cedar mix on wet ground.																																																								
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95	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	6.3	71	51-80	N/A	Somewhat open but still fully-stocked mix of conifers with a few paper birch and red maple. The understory is a mix of lowland brush and scattered conifer regeneration. This stand was formerly listed with a year of origin of 1893, but only a few of the birch appear to be anywhere near that old. Most of the stocking appears to be a second generation, as mortality has claimed the original cohort.																																																								
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96	6129 - Mixed Coniferous Lowland Forest	Poletimber Medium	2.8	132	1-50	N/A	Mixed conifers on a wet site. A few paper birch also present.																																																								
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97	6124 - Lowland Spruce-Fir	Poletimber Well	14.1	98	81-110	N/A	Two-aged, mixed stand featuring 14-20" white pine DBH sawlogs over a variety of poles/logs about 6-10" DBH. In the understory black spruce and balsam fir are the dominant species, but in some areas tag alder is more prevalent. Density and composition are highly variable, with basal area ranging from 20 to 120+ sq. ft./acre.																																																								
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98	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	2.1	101	81-110	N/A	Island of timber.																																																								
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments			
99	6139 - Mixed Lowland Forest	Poletimber Well	5.9	71	81-110	N/A	Stand's year of origin was previously listed as 1893, but mortality has claimed almost all of the first cohort from that stand.			
<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		10	Sapling	6		Balsam Fir		Medium	Variable	Variable
Black Spruce		45	Sapling	7	71	Red Maple		Medium	Variable	Variable
Red Maple		25	Sapling	6						
Paper Birch		20	Seedling	7						
100	6129 - Mixed Coniferous Lowland Forest	Poletimber Medium	21.0	71	81-110	N/A	Very large white pine over a mix of spruce, cedar and paper birch. Age class diversity is pretty well defined, as the spruce etc. are clearly younger than the white pine. Site indices and stand density are variable. The understory is primarily a mix of spruce and lowland brush, with a few scattered fir & red maple.Creighton marsh fire was in this stand in 2023.			
<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		4	Sapling	6		Red Maple		Low	Variable	Variable
Paper Birch		15	Sapling	6	71	Tag Alder		Low	5 - 10 feet	5 - 10 feet
Balsam Fir		6	Sapling	5		Balsam Fir		Low	Variable	Variable
Tamarack		10		8		Willow spp.		Low	Variable	Variable
Black Spruce		30		7	71	Black Spruce		Medium	Variable	Variable
Northern White Cedar		15	Sapling	6						
White Pine		20		20	132					
103	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	3.6	132	141-170	N/A		Very large (24+\" DBH) white pine over a mix of red maple and cedar, with a few spruce and paper birch scattered about. The understory is mostly cedar and balsam fir regeneration with some low brush mixed in. Uneven-aged characteristics are fully developed as the second cohort of fir and maple have reached the main canopy..		
<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	Sapling	6	71	Northern White Cedar	Medium		Variable	Variable
Paper Birch		10		7		Tag Alder	Low		5 - 10 feet	5 - 10 feet
Black Spruce		10		7		Balsam Fir	Medium		Variable	Variable
Northern White Cedar		20		7						
White Pine		30		24	132					
104	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	9.1	98	81-110	N/A	Large white pine over a mix of other species. Creighton marsh fire within stand 2023			
<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		26		20	105	Red Maple		Medium	Variable	Variable
Balsam Fir		3	Sapling	7	71	Balsam Fir		Medium	Variable	Variable
Tamarack		3		10		White Pine		Low	Variable	Variable
Red Maple		15		8	132					
Paper Birch		15		8						
Black Spruce		35		9	98					
Northern White Cedar		3	Sapling	6						





Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																															
105	6120 - Lowland Cedar	Poletimber Well	1.0	109	81-110	N/A	Cedar near the east bank of the Creighton River. The understory is extremely variable.																																															
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106	6120 - Lowland Cedar	Poletimber Well	5.1	109	81-110	N/A	Cedar near the Creighton River. Mature tamarack was present but has died almost completely out.																																															
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108	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	12.7	109	81-110	N/A	Mixed timber on the east bank of the Creighton River.																																															
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109	623 - Emergent Wetland	None	4.6			No	Lowland brush along the Creighton River - mostly tag alder with a few scattered trees.																																															
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110	6129 - Mixed Coniferous Lowland Forest	Poletimber Medium	1.3	141	51-80	N/A	Small island of lowland conifer																																															
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