



Compartment Review Presentation

Shingleton Forest Management Unit

Compartment 41015

Entry Year 2027

Acreage: 1,783

County: Schoolcraft

Management Area: Seney Lake Plain

Stand Examiner: Mario Molin

Legal Description:

T45N R16W Section 10, 14, 15

Identified Planning Goals:

Timber production and wildlife habitat management.

Soil and topography:

Flat marshland with small ridges. Soils in the low, wet areas are Deford Muck, Markey-Mucky Peat and Deford-AuSable-Tawas Mucks. Soils in the ridges are Paquin-Finch Sands, Rubixon-Croswell-Deford Complex, and Deford-AuGres-Rubicon Deep Water Table Complex.

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

State land north, west and south of the compartment; Seney National Wildlife Refuge borders the compartment on the east.

Unique Natural Features:

Currently under review by Michigan Natural Features Inventory (MNFI)

Archeological, Historical, and Cultural Features:

None identified at this time.

Special Management Designations or Considerations:

None identified at this time.

Watershed and Fisheries Considerations:

This compartment contains small unnamed streams that serve as tributaries to the West Branch Manistique River and the Creighton River. A small section of the east side of this compartment also borders the Creighton River. These streams are all non-designated waterbodies less than 50-ft wide that have predicted mean July water temperatures that range from 62.0 to 64.0°F (cold streams). 100-foot, plus 5 feet per 1% increase in slope, buffers are recommended for these small unnamed streams and the Creighton River to protect riparian areas in accordance with Best Management Practices.

Wildlife Habitat Considerations:

This compartment lies between Hartman Camp Road and the Creighton River. Pre-settlement surveys showed open marsh to be the dominant feature within this compartment circa 1850. Tamarack, spruce, and cedar appear to have been the primary trees in the forested portions of the compartment. However, low ridges throughout the compartment also held white pine, red pine, and hemlock. In addition, surveyors recorded minor amounts of aspen, jack pine, white birch, yellow birch, red maple and beech. Although it appears that the open marshes are largely intact, forest species and structure on the low ridges have changed substantially. Red pine, jack pine, and aspen have all increased while tamarack, spruce, cedar, and white pine have shown marked decreases. Featured species in this compartment are beaver, moose, ruffed grouse, sharp-tailed grouse, snowshoe hare, and white-tailed deer. Beaver ponding is an important environmental activity within this compartment providing habitat for a variety birds, herptiles, and plants. Wolves are also relatively common within this compartment. Wildlife habitat objectives include protecting the integrity of the marsh system and promoting structural and species diversity with the forested portions of the compartment.

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 Black River Group subcrops below the glacial drift. The Black River is quarried for stone/dolomite elsewhere in the UP. Gravel pits are not found in the area and potential appears to be limited. There is no commercial oil and gas production in the UP.

Vehicle Access:

Section 14 has several two-track roads, and the S. Creighton Truck Trail. The majority of the compartment is low, wet ground with islands of trees, and is without roads.

Survey Needs:

None at this time.

Recreational Facilities and Opportunities:

There are no DNR recreational facilities within the compartment; but the area is used for deer and grouse hunting and people often set up hunting camps near the Creighton River.

Fire Protection:

Lack of roads in most of the western portion of the compartment makes access to fires difficult.

Additional Compartment Information:

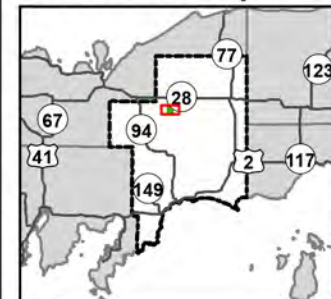
The following reports from the Inventory are attached:

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

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

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

Cover Type & Treatments Map



Compartment: 41015
T42N, R15W, Sec: 6-8
County: Schoolcraft
Unit: Shingleton
Mgmt. Area: Seney Lake Plain
YOE: 2027
Acres: 1,783 GIS Calculated
Examiner: Mario Molin
Date Exported: 07/31/2025
Map Phase: Web Post

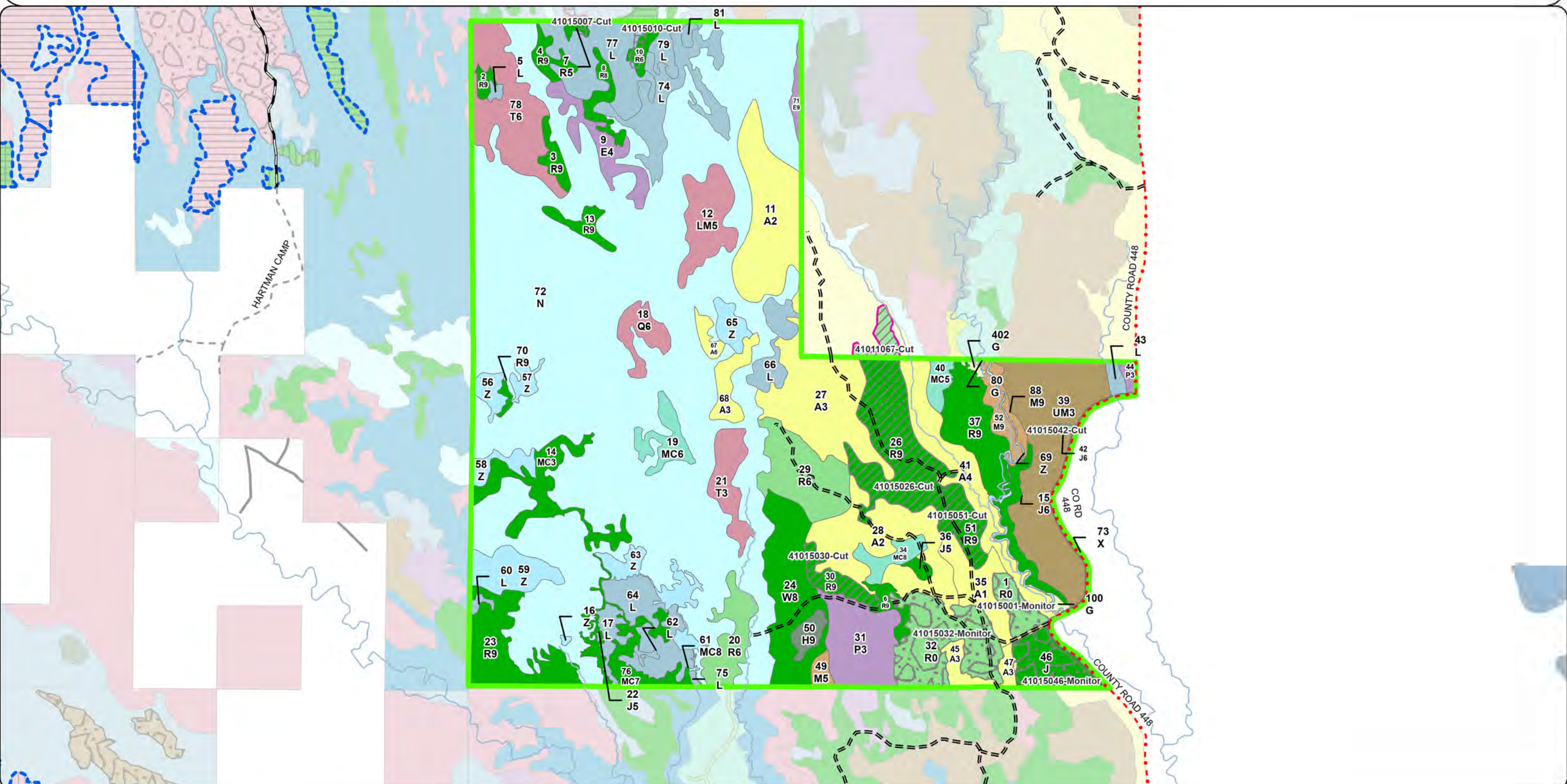
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



- DNR - Primary Forest Road
- DNR - Forest Access Route
- County - Gravel Road
- Private - Paved Road
- Private - Dirt / Gravel Road
- Perennial River
- Lakes and Rivers







- Counties
- Compartment Boundary
- Clearcut
- Thinning
- Monitoring - Regeneration
- Thinning (Outside Compartment)
- Treatments with Site Conditions
- 411 - Northern Hardwood





- 413 - Aspen
- 421 - Planted Pines
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 500 - Water
- 611 - Lowland Deciduous Forest

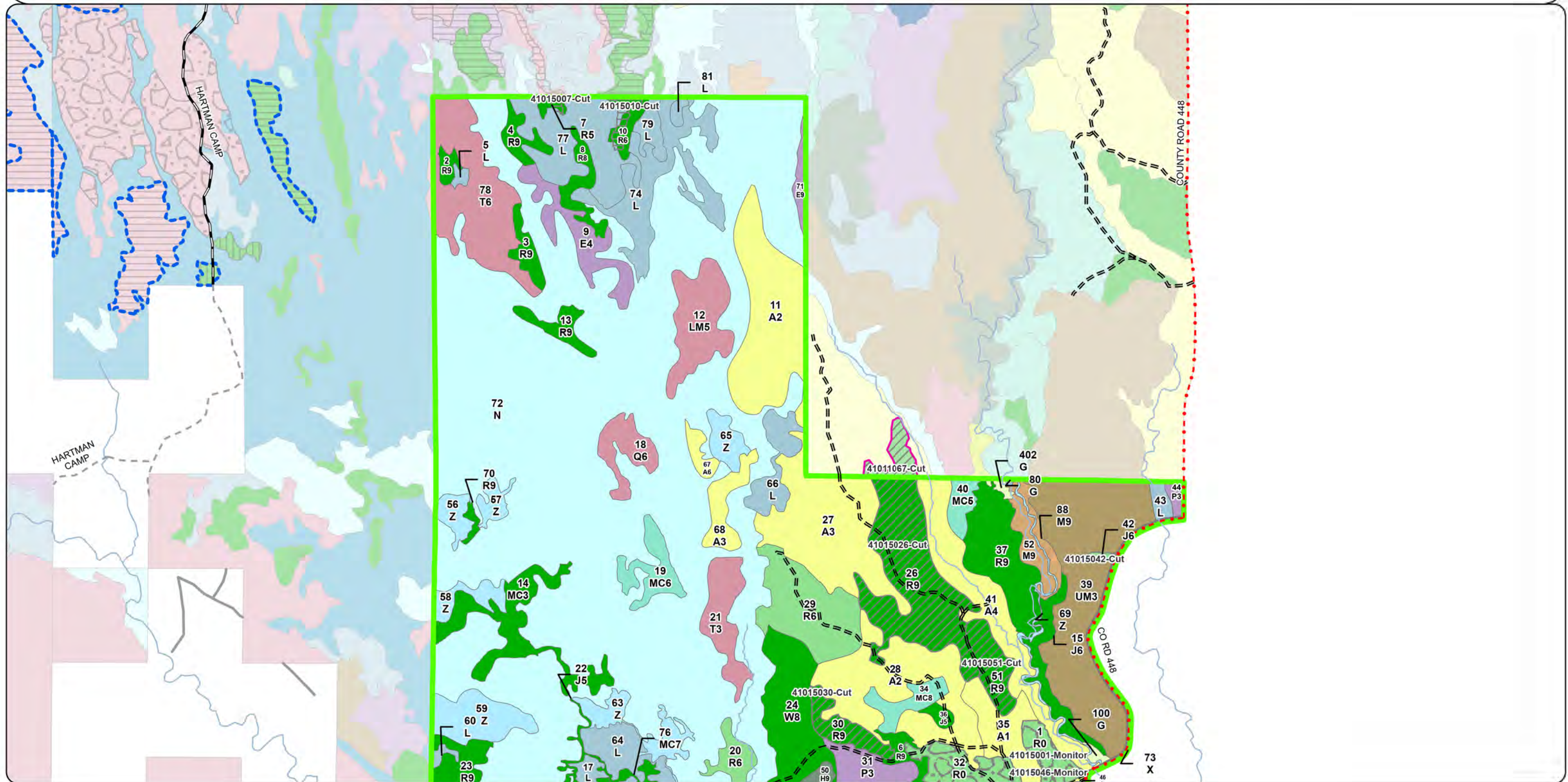
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 122 - Road/Parking Lot
- 310 - Herbaceous Openland
- 622 - Lowland Shrub
- 623 - Emergent Wetland



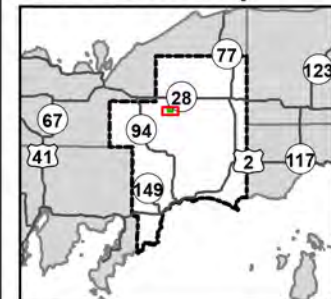
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Cover Type & Treatments Map



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Date Exported: 07/31/2025
Map Phase: Web Post

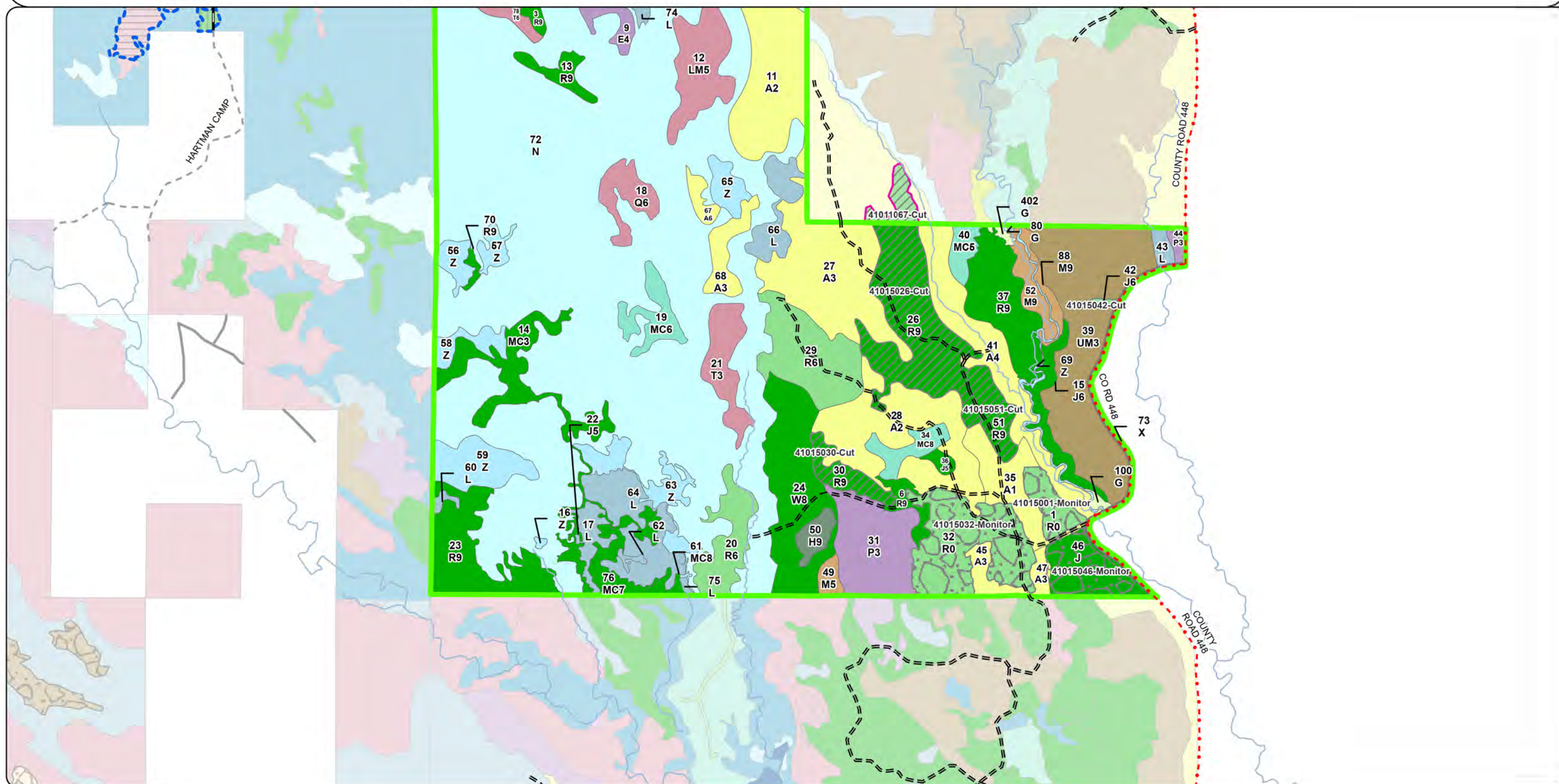
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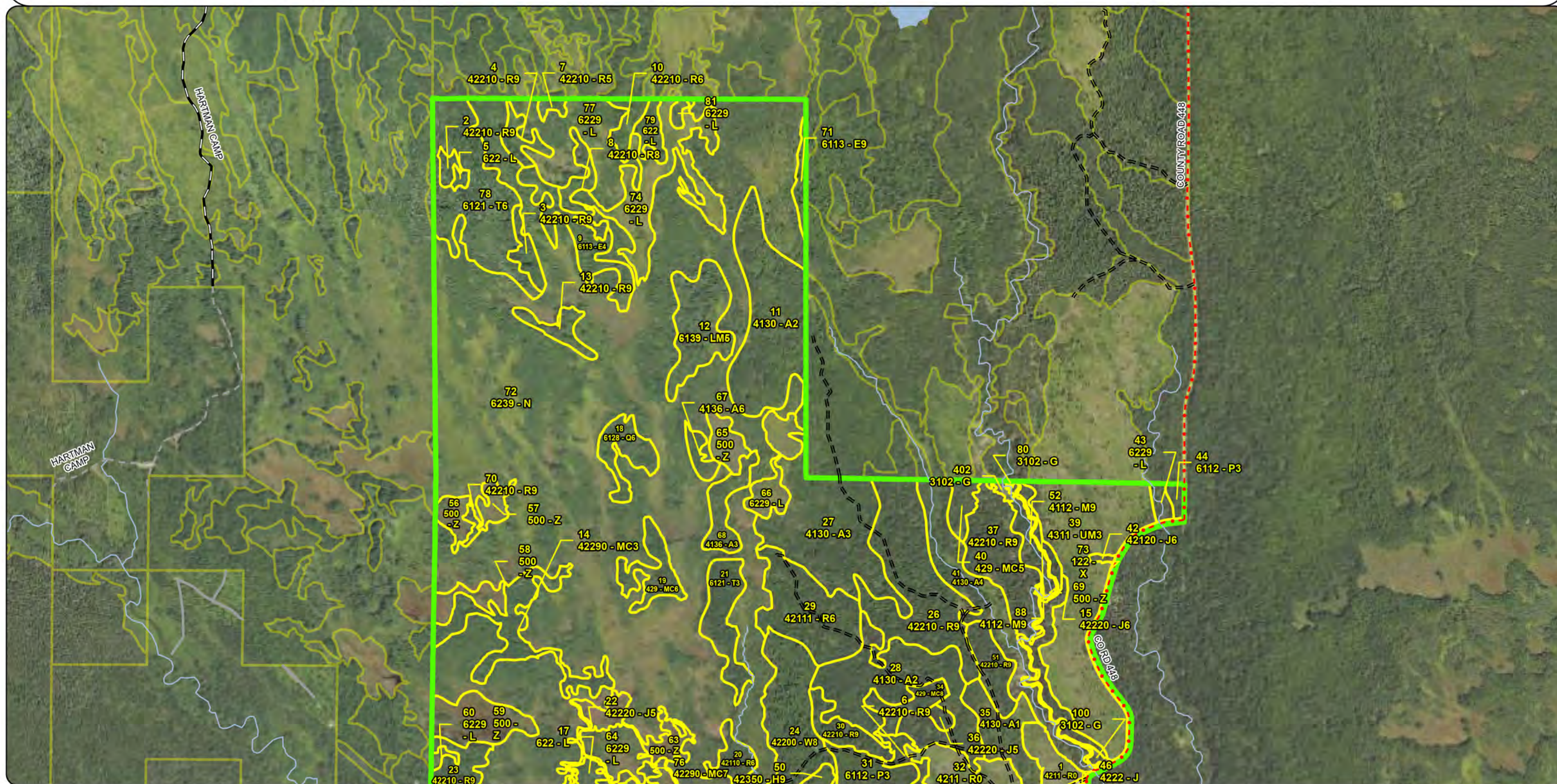
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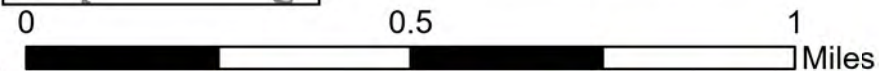
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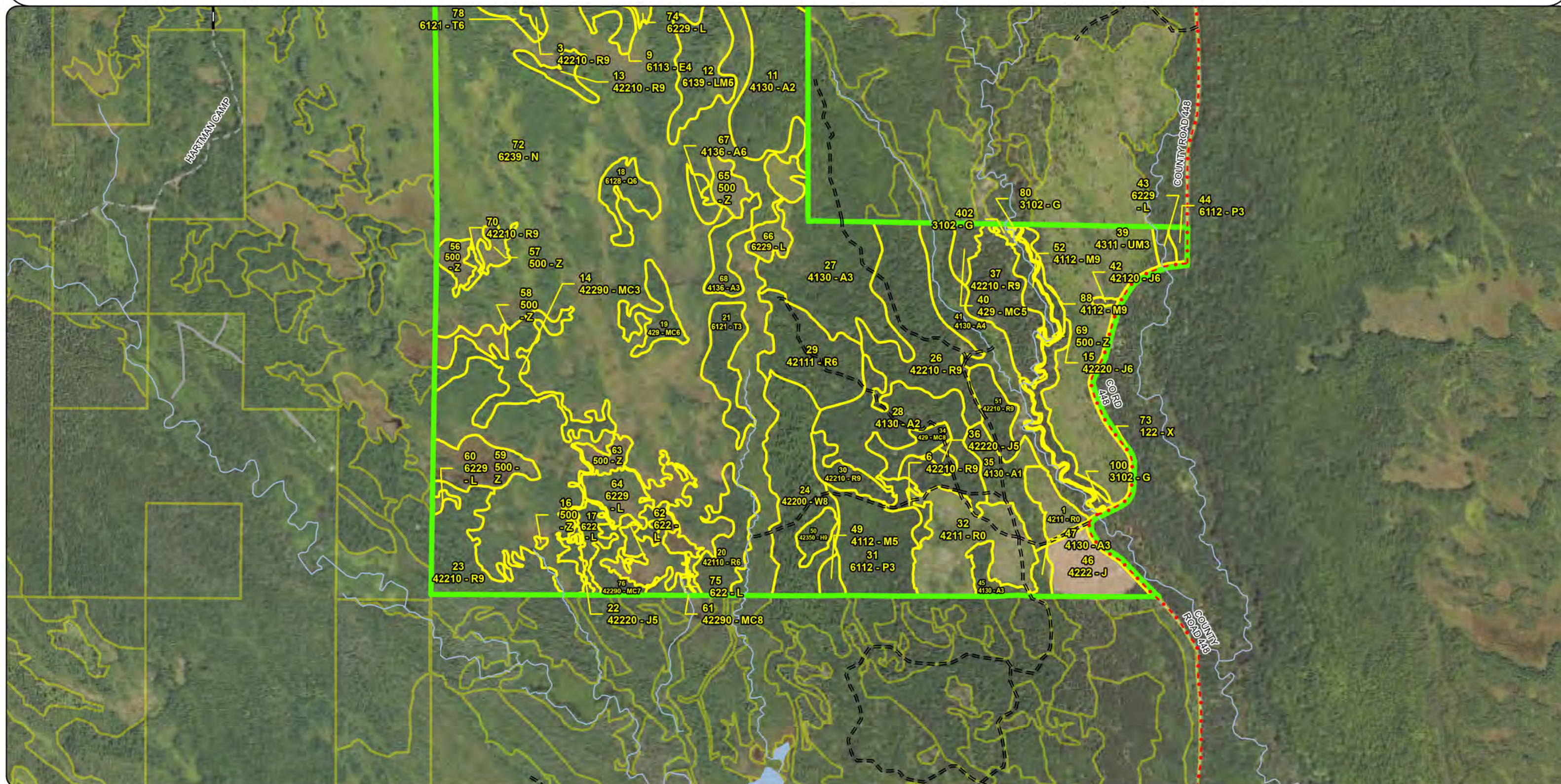


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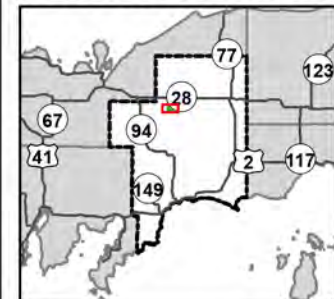
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Special Conservation Areas & Site Conditions Map



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YOE: 2027
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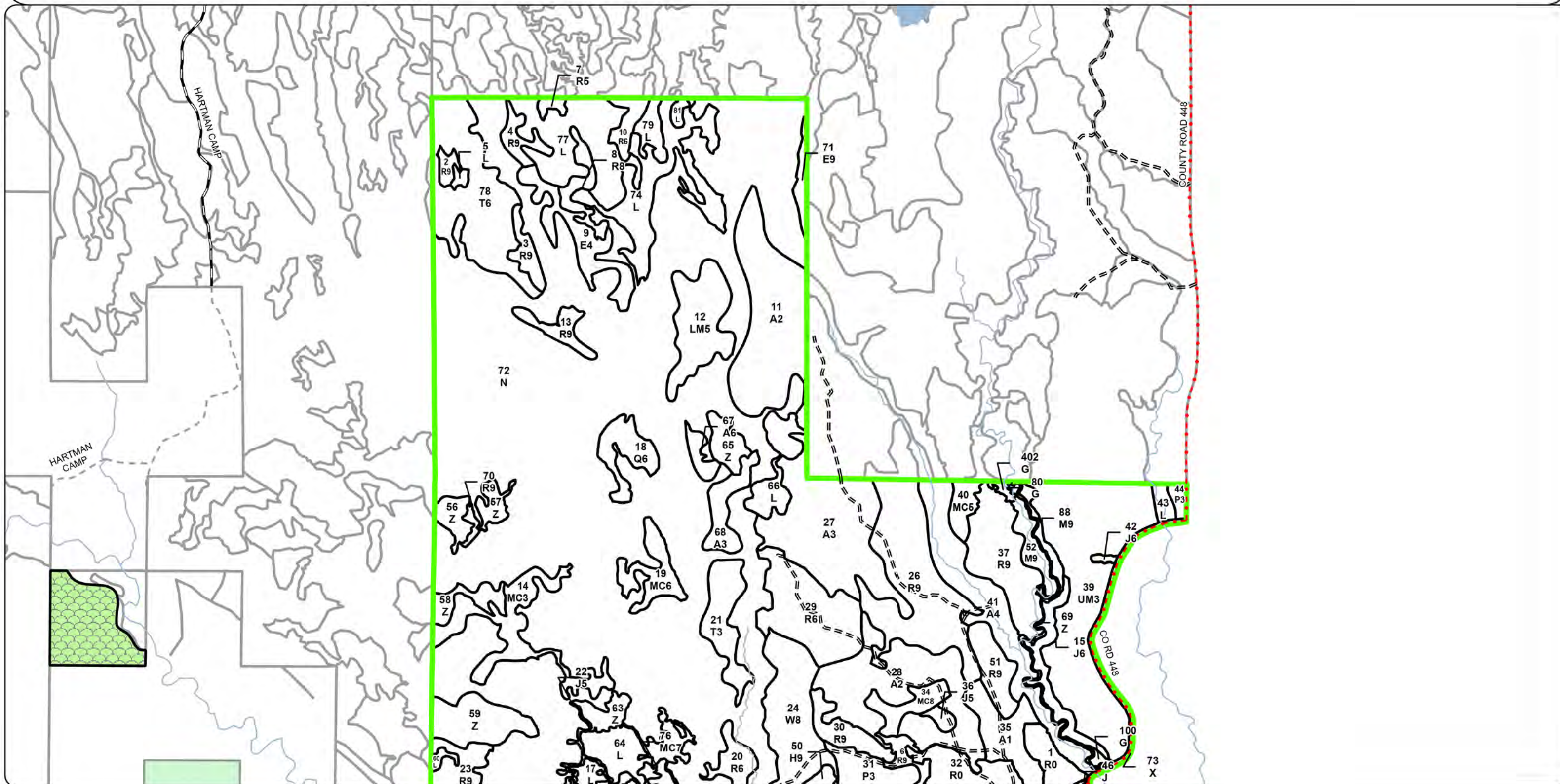


0 0.5 1 Miles

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— Perennial River
Lakes and Rivers
Counties
Compartment Boundary

Stand Boundaries
SCA Removal
Type 1 and Type 2 Old Growth
Possible Type 2 Old Growth







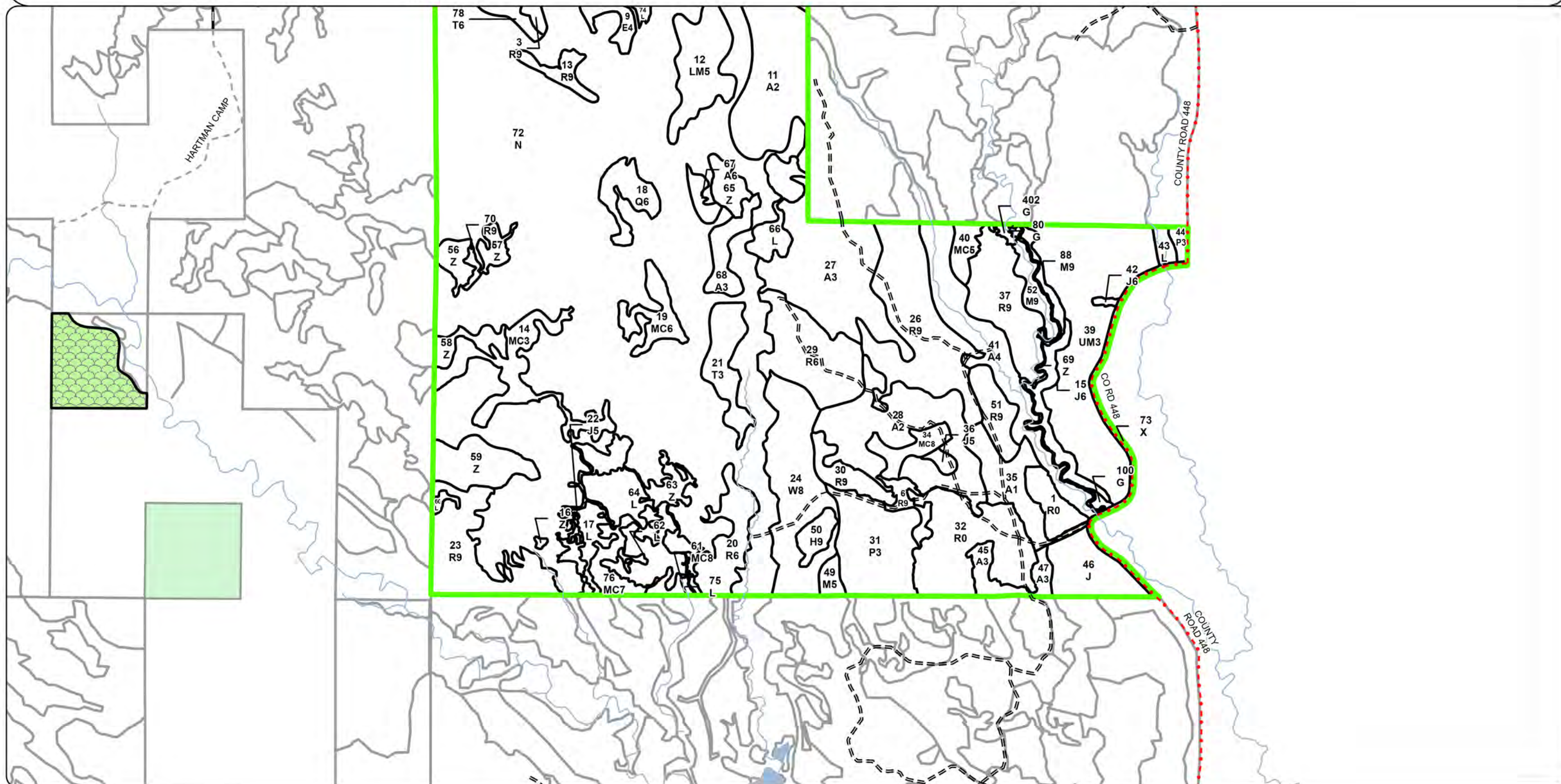


A horizontal scale bar with a black segment in the middle. The number '0.5' is above the left end of the black segment, and the number '1' is above the right end of the black segment. The word 'Miles' is to the right of the bar.

 DNR - Primary Forest Road
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 County - Gravel Road
 Private - Paved Road

-  Private - Dirt / Gravel Road
-  Perennial River
-  Lakes and Rivers
-  Counties
-  Compartment Boundary

-  Stand Boundaries
-  SCA Removal
-  Type 1 and Type 2 Old Growth
-  Possible Type 2 Old Growth



Report 1 – Total Acres by Cover Type and Age Class



Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Uneven-Aged	Total
Aspen	0	0	29	0	168	0	0	0	0	0	0	0	0	0	0	0	0	35	232
Hemlock	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	6
Herbaceous Openland	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Jack Pine	19	0	0	0	8	0	0	1	0	11	0	0	0	0	0	0	0	0	39
Lowland Aspen/Balsam Poplar	0	0	0	0	35	0	0	0	0	0	0	0	0	0	0	0	0	0	35
Lowland Conifers	0	0	0	0	0	0	0	0	0	11	0	0	0	0	0	0	0	0	11
Lowland Deciduous	0	0	0	0	17	0	0	0	0	0	4	0	0	0	0	0	0	0	21
Lowland Mixed Forest	0	0	0	0	0	0	0	24	0	0	0	0	0	0	0	0	0	0	24
Lowland Shrub	123	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	123
Marsh	691	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	691
Natural Mixed Pines	0	0	0	0	25	0	0	0	0	0	2	0	0	0	0	0	11	0	37
Northern Hardwood	0	0	0	4	0	0	0	11	0	0	0	0	0	0	0	0	0	0	15
Red Pine	50	0	0	0	50	0	0	0	11	28	51	0	0	0	0	0	33	52	275
Tamarack	0	0	0	0	16	0	0	0	0	0	44	0	0	0	0	0	0	0	60
Upland Conifers	0	0	0	0	11	0	0	6	0	0	8	0	0	0	0	0	0	0	25
Upland Mixed Forest	0	74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74
Urban	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Water	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60
White Pine	0	0	0	0	0	0	0	0	0	0	43	0	0	0	0	0	0	0	43
Total	954	74	29	4	330	0	0	42	11	50	158	0	0	0	0	0	44	87	1782



Report 2 – Treatment Summary

Shingleton Mgt. Unit
Year of Entry: 2027

Acres of Harvest

Compartment 15
Total Compartment Acres: 1,783

Commercial Harvest - 82
Harvests with Site Condition - 0
Next Step Harvest - 0
Habitat Cut - 0

Cover Type by Harvest Method

		Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overstory Removal	Salvage	Other	Total Acres
Jack Pine		1	0	0	0	0	0	0	0	0	1
Red Pine		4	0	0	0	72	0	0	0	0	76
Total		5	0	0	0	72	0	0	0	0	77

Proposed and Next Step Treatments by Method

		Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current		77	0	0	0	0	68	0	0	0	145
Next Step		0	0	0	0	0	5	0	0	0	5
Total		77	0	0	0	0	73	0	0	0	150



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

67	41011067-Cut	6.2	42260 - Natural Pine, Mixed Deciduous	9	105	51-80	Harvest	Thinning	4221 - Natural Red Pine	Planting Record	No
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Prescription Remove up to 1/3 the BA

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Site Condition:

Proposed Start Date: 10/01/2026

26	41015026-Cut	51.7	42210 - Natural Red Pine	9	83	81-110	Harvest	Thinning	4221 - Natural Red Pine	Planting Record	No
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Prescription Thin stand, following Natural pine guidanceAdd wood turtle spec

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Site Condition:

Proposed Start Date: 10/01/2026

30	41015030-Cut	9.3	42210 - Natural Red Pine	9	90	81-110	Harvest	Thinning	4221 - Natural Red Pine	Planting Record	No
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Prescription Thin stand, following Natural pine guidance

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Site Condition:

Proposed Start Date: 10/01/2026



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

42 41015042-Cut 0.8 42120 - Planted Jack Pine 6 66 81-110 Harvest Clearcut 4222 - Natural Jack Pine Planting Record No

Prescription Clear cut stand, no retention due to size.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Jack pine and aspen

Regen:

Other

Comment:

Site Condition:

Proposed Start Date: 10/01/2026

51 41015051-Cut 11.2 42210 - Natural Red Pine 9 75 81-110 Harvest Thinning 4221 - Natural Red Pine Planting Record No

Prescription Thin stand, following Natural pine guidanceAdd wood turtle spec

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Site Condition:

Proposed Start Date: 10/01/2026

Approved Treatments:

1 41015001-Monitor 9.4 4211 - Planted Red Pine 0 1 Immature Monitoring Monitoring - Regeneration 4211 - Planted Red Pine No

Prescription

Specs:

Next Step

Treatments:

Acceptable Red Pine.

Regen:

Other Percent to Treat = 100%

Comment:

Site Condition:

Proposed Start Date: 10/01/2025



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
7	41015007-Cut	0.7	42210 - Natural Red Pine	5	93	81-110	Harvest	Clearcut	429 - Mixed Upland Conifers	Planting Record	No
<u>Prescription</u> Clearcut without retention due to size. <u>Specs:</u> Winter harvest. <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Mixed conifer. <u>Regen:</u> <u>Other</u> This treatment did not get approved at Compartment Review. It was discussed at Pre-Review and agreed to by FRD and WLD. Because of <u>Comment:</u> the agreement between divisions and the small acreage the IPS advanced it to a status 6. <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2022											
10	41015010-Cut	3.4	42210 - Natural Red Pine	6	93	51-80	Harvest	Clearcut	429 - Mixed Upland Conifers	Planting Record	No
<u>Prescription</u> Clearcut with edge retention, can be [art of stand to north. <u>Specs:</u> winter harvest. <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Mixed conifer. <u>Regen:</u> <u>Other</u> This treatment did not get approved at Compartment Review. It was discussed at Pre-Review and agreed to by FRD and WLD. Because of <u>Comment:</u> the agreement between divisions and the small acreage the IPS advanced it to a status 6. <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2022											
32	41015032-Monitor	40.9	4211 - Planted Red Pine	0	1	Immature	Monitoring	Monitoring - Regeneration	4211 - Planted Red Pine		No
<u>Prescription</u> <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> Red Pine <u>Regen:</u> <u>Other</u> Percent to Treat = 100% <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2025											
46	41015046-Monitor	17.5	4222 - Natural Jack Pine		3	Immature	Monitoring	Monitoring - Regeneration	4222 - Natural Jack Pine	Planting Record	No
<u>Prescription</u> <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> Jack Pine <u>Regen:</u> <u>Other</u> Percent to Treat = 100% <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2025											

S
t
a
n
dTreatment
Name

Acres

Stand
CoverTypeSize
DensityStand
AgeBA
RangeTreatment
TypeTreatment
MethodCover Type
ObjectiveAge
StructureHabitat
Cut

Total Treatment
Acreage Proposed: 151.1



Availability for Management

Total Acres Acres Available Acres With Condition Acres Not Available

Dominant Site Conditions

2E 4A 5C 2A 2H 3J 5E

202	196	0	6	Aspen						6	
6	6	0	0	Hemlock							
1	0	0	1	Herbaceous Openland						1	
35	28	0	7	Jack Pine						7	
35	35	0	0	Lowland Aspen/Balsam Poplar							
11	0	0	11	Lowland Conifers					11		
21	4	17	0	Lowland Deciduous	17						
24	24	0	0	Lowland Mixed Forest							
123	123	0	0	Lowland Shrub							
691	691	0	0	Marsh							
38	2	11	25	Natural Mixed Pines			11		25		
11	4	0	7	Northern Hardwood						7	
250	180	27	42	Red Pine	27			33	1	3	6
60	16	44	0	Tamarack		44					
25	14	0	11	Upland Conifers					11		
74	74	0	0	Upland Mixed Forest							
9	9	0	0	Urban							
60	55	0	4	Water						4	
43	43	0	0	White Pine							
1,719	1,506	99	115	Total Forested Acres	44	44	11	33	49	28	6
	88%	6%	7%	Relative Percent							

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

Site No.	Dominant Site Cond	Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Available		4A: No markets available for these forest products	44	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Stand has deteriorated to a point where harvesting is no longer an option.								

Report 4 – Site Conditions



2	Available	2E: Road needed	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
3	Available	2E: Road needed	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
4	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	49	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
9	Available	2E: Road needed	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
11	Available	2E: Road needed	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
12	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions



13	Available	2E: Road needed	17	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
14	Available	2E: Road needed	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
15	Unavailable	5E: Long-Term Retention	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
16	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	29	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
Comments: Creighton River 100 foot stream buffer to protect water quality.							
23	Unavailable	2A: Adjacent landowner denied access	33	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Mgt. Unit

Compartment: #Type!
Year of Entry:

Report 5 – PROPOSED SPECIAL CONSERVATION AREA* (SCA) DETAILS

* This is a partial list of SCAs for this compartment. Not included are those areas identified under other Department initiatives (Natural Rivers, Deer Wintering Areas, etc.). Those will be identified in separate, future map and report products.

SCA Name	SCA Category	Detail Type	Recommendation	Acres
Comments				



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Retention for stand 32



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
7	42210 - Natural Red Pine	Poletimber Medium	1.9	93	81-110	N/A			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple		15	Seedling	6		Sugar Maple	Medium	Variable	Variable
Red Pine		65		18	93	Black Spruce	Low	Variable	Variable
White Pine		5	Seedling	6					
White Pine		5		22					
Quaking Aspen		10	Seedling	8					
8	42210 - Natural Red Pine	Sawtimber Medium	7.3	93	81-110	N/A			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen		5	Seedling	8		Black Spruce	Low	Variable	Variable
Red Pine		85		16	93	White Pine	Low	Variable	Variable
Tamarack		5	Seedling	8					
White Pine		5		18					
9	6113 - Lowland Maple	Poletimber Poor	16.7	30	1-50	N/A			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple		85	Seedling	6	30	Red Maple	Low	< 5 feet	< 5 feet
Tamarack		15	Seedling	8	84	Black Spruce	Low	Variable	Variable
10	42210 - Natural Red Pine	Poletimber Well	5.5	93	51-80	N/A			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple		15	Sapling	5		Red Maple	High	Variable	Variable
Quaking Aspen		10	Seedling	8		Black Spruce	Low	Variable	Variable
Red Pine		75		18	93	White Pine	Low	Variable	Variable
11	4130 - Aspen	Sapling Medium	49.8	35	1-50	N/A			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen		75	Sapling	5	35	Red Maple	Low	Variable	Variable
Red Maple		20	Seedling	8		Balsam Fir	Low	5 - 10 feet	5 - 10 feet
White Spruce		5	Seedling	6					
12	6139 - Mixed Lowland Forest	Poletimber Medium	23.8	64	1-50	N/A	2015: Cut around 1990 with stand 11.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen		35	Seedling	6		Red Maple	Low	< 5 feet	< 5 feet
Red Maple		10	Seedling	6		Black Spruce	Low	< 5 feet	< 5 feet
Tamarack		5	Seedling	8		White Pine	Low	5 - 10 feet	5 - 10 feet
Black Spruce		50	Seedling	6	64				



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13	42210 - Natural Red Pine	Sawtimber Well	6.3	90	111-140	N/A																																																						
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14	42290 - Natural Mixed Pine	Sapling Well	24.5	34	1-50	N/A	2015: lots of variability along the different fingers...Log to saplings.																																																					
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15	42220 - Natural Jack Pine	Poletimber Well	10.6	86	51-80	N/A	Stand is long term retention for stand 39 Stand is on proposal 41-014-13, "Super Duper Sale" Units 7 and 8. Red pine was reserved and there are River buffers as well for retention also a piece of jack pine on road. FTP C41-1550 is also submitted for Jack Pine Regeneration, site will need to be planted.10/21/15 MM Stand is cut.Trenched 2016Plant with JP spring 2017																																																					
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Jack Pine</td><td>100</td><td>Seedling</td><td>8</td><td>86</td></tr></table>			Canopy Species	% Cover	Size Class	DBH		Age	Jack Pine	100	Seedling	8	86																																															
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16	500 - Water	None	0.5			No																																																						
17	622 - Lowland Shrub	None	6.7			No																																																						
18	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	11.3	83	81-110	N/A																																																						
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19	429 - Mixed Upland Conifers	Poletimber Well	11.4	35	51-80	N/A	2015:: Seed tree cut in apx 1989; sale #83-86.																																																					
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26	42210 - Natural Red Pine	Sawtimber Well	51.7	83	81-110	N/A	2020: When cutting this stand add stand 67 in the north from C-11																																												
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27	4130 - Aspen	Sapling Well	54.1	34	Immature	N/A	2015: South tip is flooded with some larger residual poles. Stand edge does wander in and out of the adjacent stands.																																												
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28	4130 - Aspen	Sapling Medium	49.7	34	1-50	N/A	2015: Stand was multiple stands originally but harvested all at the same time. A2/A3 variable, with a mix of spruce and fir scattered.																																												
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29	42111 - Planted Red Pine, Mixed Deciduous	Poletimber Well	32.5	30	1-50	N/A	2005: Burned and planted to Red Pine in 1995. Some low/wet areas within the stand. Natural R.Maple, B.Spruce and Aspen regeneration throughout.																																												
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31	6112 - Lowland Aspen	Sapling Well	33.0	33	1-50	N/A	2015: In southern portion of stand is a small red pine ridge. South1/2 seems to be more mixed with the fir and maple. Slight topo changes everywhere lows are filled with water.																																												
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32	4211 - Planted Red Pine	Unspecified	40.9	1	Immature		[8/17/07] Stand is now under contract TS # 41-010-07-01 Creighton Camp Pine. Residual BA: red pine = 36, white pine = 3, others = 1; total residual BA = 40 sq.ft./acre.[12-03-09] Sale is completed TCR dtd 12-01-09.2015: natural regeneration is not working.10/21: Unit 3 of TS, Trench and plant to red pine. roller chopped and trenched summer 2022Sprayed Summer 23. Planted to RP spring 241st year regen check passed summer 24, 739 TPA																																																					
34	429 - Mixed Upland Conifers	Sawtimber Medium	8.2	94	81-110	N/A	2015: West 1/2 is more lowland with timber type changing to tamarack and fir.																																																					
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35	4130 - Aspen	Sapling Poor	19.0	16	Immature	N/A	[8/17/07] Stand is now under contract TS # 41-010-07-01 Creighton Camp Pine. Residual BA: red pine = 14, white pine = 4, others = 3; total residual BA = 21 sq.ft./acre.[12-03-09] Sale is completed TCR dtd 12-01-09. See FTP C41-1326.[10-19-10 JB] Sale was scarified. Needs 2013 regen. Check . (14 count results are 290T/A, need to be trenched and planted.10/30/2017; monitor treatment removed Via comparted review process due to MO change to Aspen. Part of this stand will be harvested, then stand should be split.																																																					
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Quaking Aspen</td><td>85</td><td>Log</td><td>2</td><td>16</td></tr><tr><td>Red Pine</td><td>10</td><td></td><td>14</td><td>78</td></tr><tr><td>White Pine</td><td>5</td><td>Seedling</td><td>8</td><td></td></tr></table>			Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	85	Log	2	16	Red Pine	10		14	78	White Pine	5	Seedling	8		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>White Pine</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>			Sub-Canopy Species	Density	Avg. Height	Size	White Pine	Low	5 - 10 feet	5 - 10 feet																											
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36	42220 - Natural Jack Pine	Poletimber Medium	2.1	35	1-50	N/A	2015: Cut in 1990. Mix of trees predominately jack pine, naturally regenerating with various other species.																																																					
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37	42210 - Natural Red Pine	Sawtimber Well	28.1	80	81-110	N/A	2025-Bridge needed. Wait to treat with stand to compartment to the North.																																																					
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39	4311 - Pine, Aspen Mix	Sapling Well	74.2	9	Immature	N/A	Stand is on proposal 41-014-13, "Super Duper Sale" Units 7 and 8. Red pine was reserved and there are River buffers as well for retention also a piece of jack pine on road. FTP C41-1550 is also submitted for Jack Pine Regeneration, site will need to be planted. 10/21/15 MM Stand is cut. Trenched 2016 Plant with JP spring 2017																																																					
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Quaking Aspen</td><td>50</td><td>Log</td><td>1</td><td>9</td></tr><tr><td>Jack Pine</td><td>50</td><td>Log</td><td>1</td><td>9</td></tr></table>			Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	50	Log	1	9	Jack Pine	50	Log	1	9																																											
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Stand

Level 4 Cover Type

Size Density

Acres

Stand Age

BA Range

Managed Site

General Comments

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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																					
49	4112 - Maple, Beech, Cherry Association	Poletimber Medium	3.5	23	1-50	N/A	2015: Cut in 2002.																																					
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50	42350 - Upland Hemlock	Sawtimber Well	5.7	95	111-140	N/A	2015: A small hemlock stand that was reserved when the surrounding stand was cut in 2002.																																					
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51	42210 - Natural Red Pine	Sawtimber Well	11.2	75	81-110	N/A																																						
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52	4112 - Maple, Beech, Cherry Association	Sawtimber Well	7.3	65	51-80	N/A	2015: Most of this stand will be river buffer if ever harvested...																																					
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79	622 - Lowland Shrub	None	5.3			No																																														
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80	3102 - Grass	None	0.1			No																																														
81	6229 - Mixed Lowland Shrub	None	1.6			No																																														
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White Spruce	5	Seedling	8																																																	
100	3102 - Grass	None	1.0			No	used as camp site during hunting season and for fishing.																																													
402	3102 - Grass	None	1.2			No	2025 Area is filling in with pine and some hardwood, next inventory will likely be forested																																													