



Compartment Review Presentation

Shingleton Forest Management Unit

Compartment 41150

Entry Year 2027

Acreage: 2,599

County: Schoolcraft

Management Area: Seney Lake Plain

Stand Examiner: Scott Kentner

Legal Description:

T46N R15W Sections 1, 2, 11-13, 24 and 25

Identified Planning Goals:

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

Soil and topography:

The topography in this compartment is mostly flat with low wet areas. Soils are can be fair to good drainage with good to fair natural fertility. The compartment can be split in half with a diagonal line from the NW to the SE splitting it into two LTA's. The E is the Seney Channel Fens and the W is the Driggs Basin Land Type Associations.

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

Ownership in the compartment is mainly State land. The exception is in sections 1 and 2 where small private tracks are between the Driggs River Road and the Driggs River. It is mainly State land surrounding the compartment.

Unique Natural Features:

Archeological, Historical, and Cultural Features:

None known.

Special Management Designations or Considerations:

There are two sediment traps on the river that are maintained by Fish Division. Treatments that will be conducted around any water areas and lowland conifers will follow all BMP regulations and those concerns addressed from other divisions.

Watershed and Fisheries Considerations:

This compartment contains the Driggs River which serves as a tributary to the Main Branch Manistique River. The Driggs River is a designated Type 1 trout stream less than 50-ft wide and has a predicted mean July water temperature of 63.0 °F (cold stream). A 300-foot buffer is recommended for the Driggs River 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 the Driggs River to protect riparian areas in accordance with Best Management Practices.

Wildlife Habitat Considerations:

This compartment lies north of M-28 along the Seney Stretch and immediately east of the Driggs River. Wetlands dominate the northern and eastern portions of this compartment. The General Land Office surveyors recorded tamarack as the primary tree species in the pre-settlement forested portions of this compartment. Spruce, white pine, hemlock, cedar, and red maple were also recorded as important components of the forest. Tree species making up less significant portions of the forest composition included red pine, white birch, beech, yellow birch, and aspen. Although not mentioned by the surveyors, red oak must have been at least a minor component in this compartment. Today's forest composition includes all the original components but tamarack is no longer the dominant forest type. Jack pine, red pine and aspen are much more prevalent than in the pre-settlement forest. Oak also persists in isolated areas. Featured species in this compartment are beaver, gray jay, and sharp-tailed grouse. Wildlife habitat objectives include maintaining the hydrological integrity of the marsh complex, enhancing species and structural diversity within the northern hardwood and conifer forest, and promoting the production of hard mast in the form of acorns.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of lacustrine (lake) sand and gravel and peat and muck. There is insufficient data to determine the glacial drift thickness. The Ordovician Trenton and Black River 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:

Access to the compartment is fair to good with the Driggs River Road running the length of the compartment. There is also a fair amount of forest roads from past timber activity that allows hunters and other recreationalists to access State land.

Survey Needs:

None.

Recreational Facilities and Opportunities:

The Driggs River offers good fishing opportunities with several spots along the river that are used for disperse camping. There is also a new canoe ramp at one of these sites.

Fire Protection:

Fire response to the area will be good with the Seney Station 9 miles east via M-28. The current road system is fair for fire operations. The majority of acres are a jack pine component with spruce of varying age classes. The only real urban interface problem within the compartment is the private along the river in sections 1 and 2; these seasonal homes are mainly in poor hardwoods with white pine.

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:

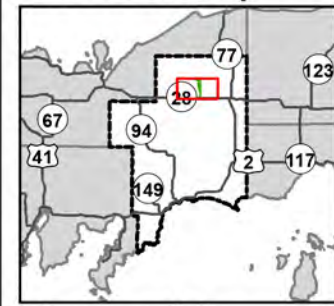
Base feature information, stand boundaries, cover types, and numbers

Proposed treatments

Site condition boundaries

Details on the road access system

Cover Type & Treatments Map

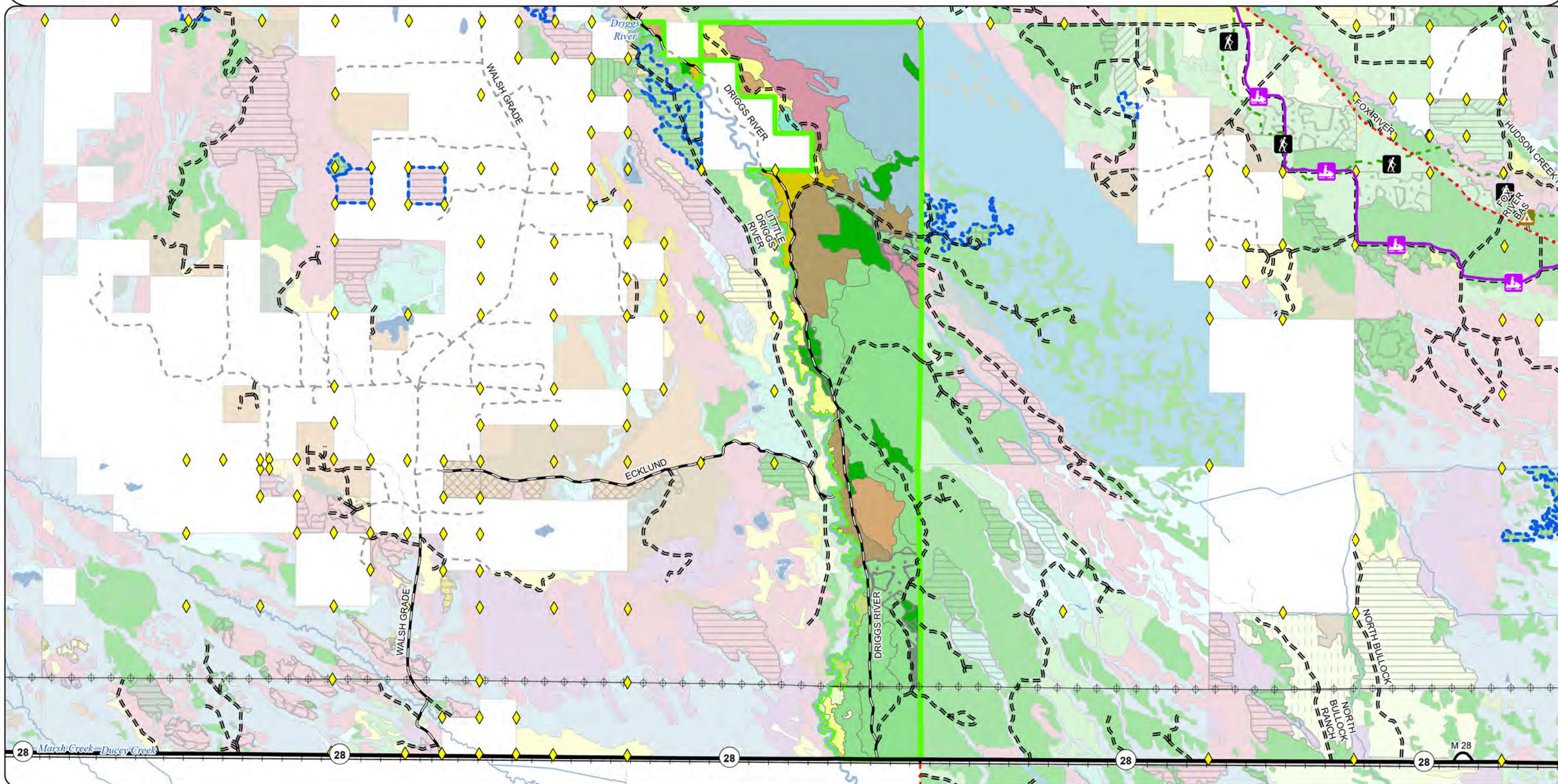


Compartment: 41150
 T46N, R15W,
 Sec: 1, 2, 11, 12, 13, 24, 25
 County: Schoolcraft
 Unit: Shingleton
 Mgmt. Area: Seney Lake Plain
 YOE: 2027
 Acres: 2,599 GIS Calculated
 Examiner: Scott Kentner
 Date Exported: 07/30/2025
 Map Phase: Web Post



0 0.5 1 2
 Miles

- | | | | |
|--|--|--|---|
| <ul style="list-style-type: none"> Survey Grade Corners Campground Designated Hiking Pathways Designated Snowmobile Trails DNR - Primary Forest Road DNR - Forest Access Route Federal / State Highway Federal / State / County - Paved Road County - Gravel Road | <ul style="list-style-type: none"> Private - Dirt / Gravel Road Active Railroads Intermittent Stream Perennial River Powerline Lakes and Rivers Counties Compartment Boundary Monitoring - Regeneration | <ul style="list-style-type: none"> Treatments with Site Conditions 411 - Northern Hardwood 413 - Aspen 419 - Mixed Upland Deciduous 421 - Planted Pines 422 - Natural Pines 423 - Other Upland Conifers 429 - Mixed Upland Conifers 430 - Upland Mixed Forest | <ul style="list-style-type: none"> 611 - Lowland Deciduous Forest 612 - Lowland Coniferous Forest 613 - Lowland Mixed Forest 122 - Road/Parking Lot 310 - Herbaceous Openland 320 - Upland Shrub 622 - Lowland Shrub 710 - Sand, Soil |
|--|--|--|---|



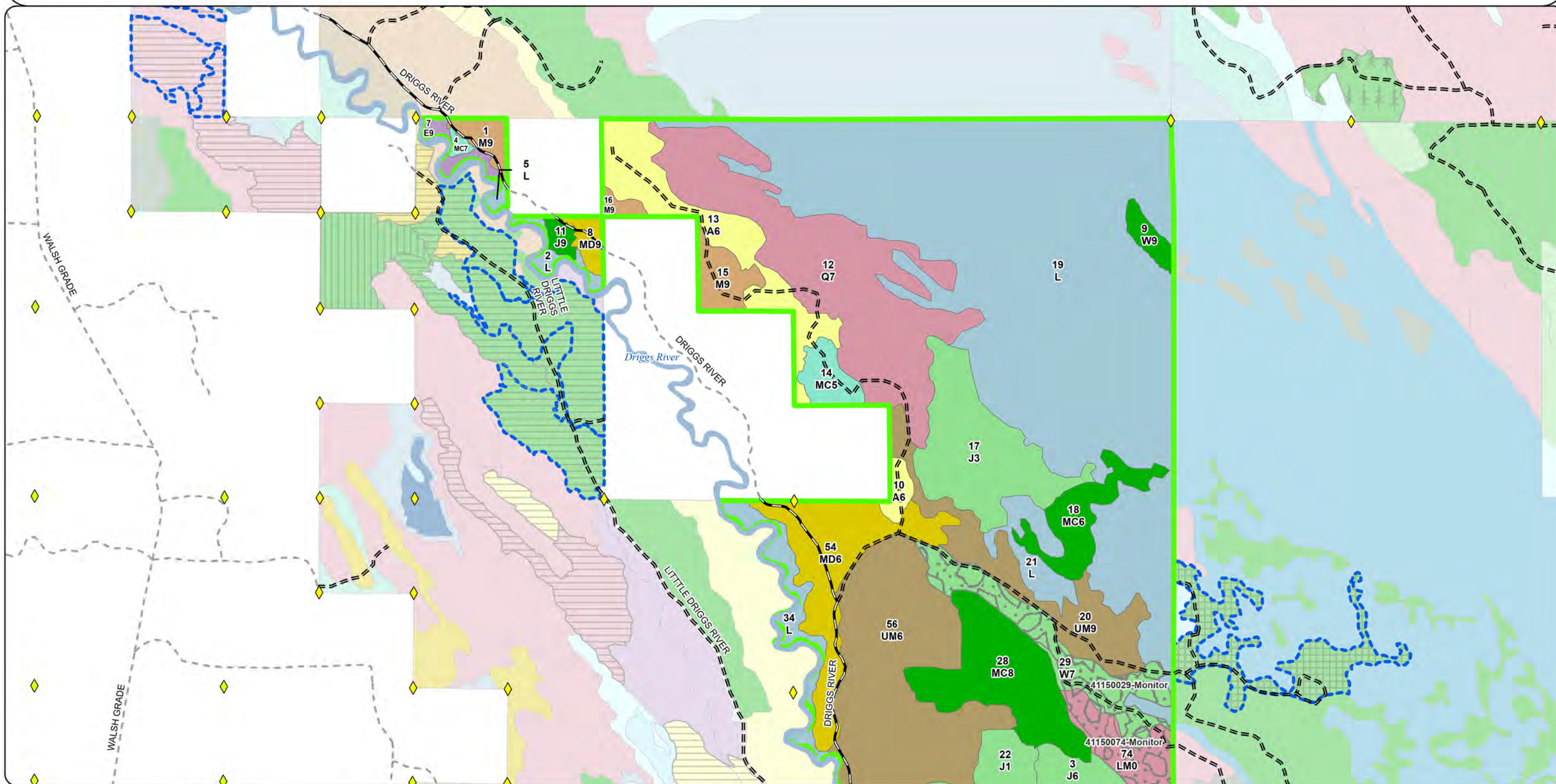
Cover Type & Treatments Map



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0 0.5 1 Miles

- Survey Grade Corners
- Perennial River
- 411 - Northern Hardwood
- 430 - Upland Mixed Forest
- DNR - Primary Forest Road
- Lakes and Rivers
- 413 - Aspen
- 611 - Lowland Deciduous Forest
- DNR - Forest Access Route
- Counties
- 419 - Mixed Upland Deciduous
- 612 - Lowland Coniferous Forest
- Private - Dirt / Gravel Road
- Compartment Boundary
- 421 - Planted Pines
- 422 - Natural Pines
- Intermittent Stream
- Treatments with Site Conditions
- 429 - Mixed Upland Conifers



Cover Type & Treatments Map

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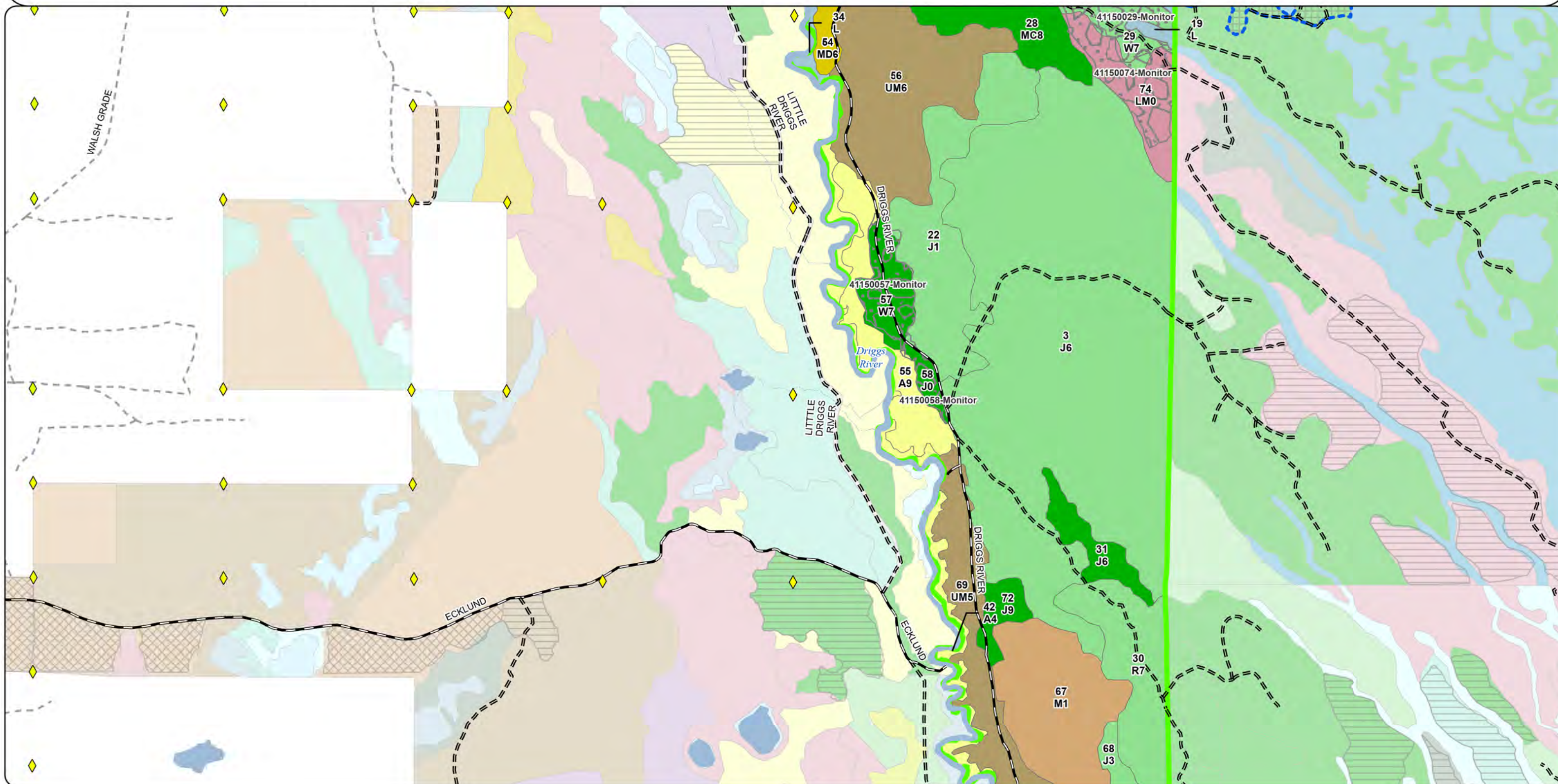
0 0.5 1 Miles

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- DNR - Primary Forest Road
- DNR - Forest Access Route
- Private - Dirt / Gravel Road

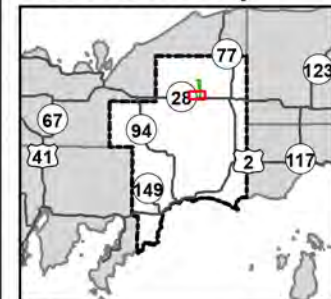
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Cover Type & Treatments Map



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Survey Grade Corners

DNR - Primary Forest Road

DNR - Forest Access Route

Federal / State Highway

Federal / State / County - Paved Road

County - Gravel Road

Private - Dirt / Gravel Road

Active Railroads

Intermittent Stream

Perennial River

Powerline

Lakes and Rivers

Counties

Compartment Boundary

Monitoring - Regeneration

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413 - Aspen

421 - Planted Pines

422 - Natural Pines

423 - Other Upland Conifers

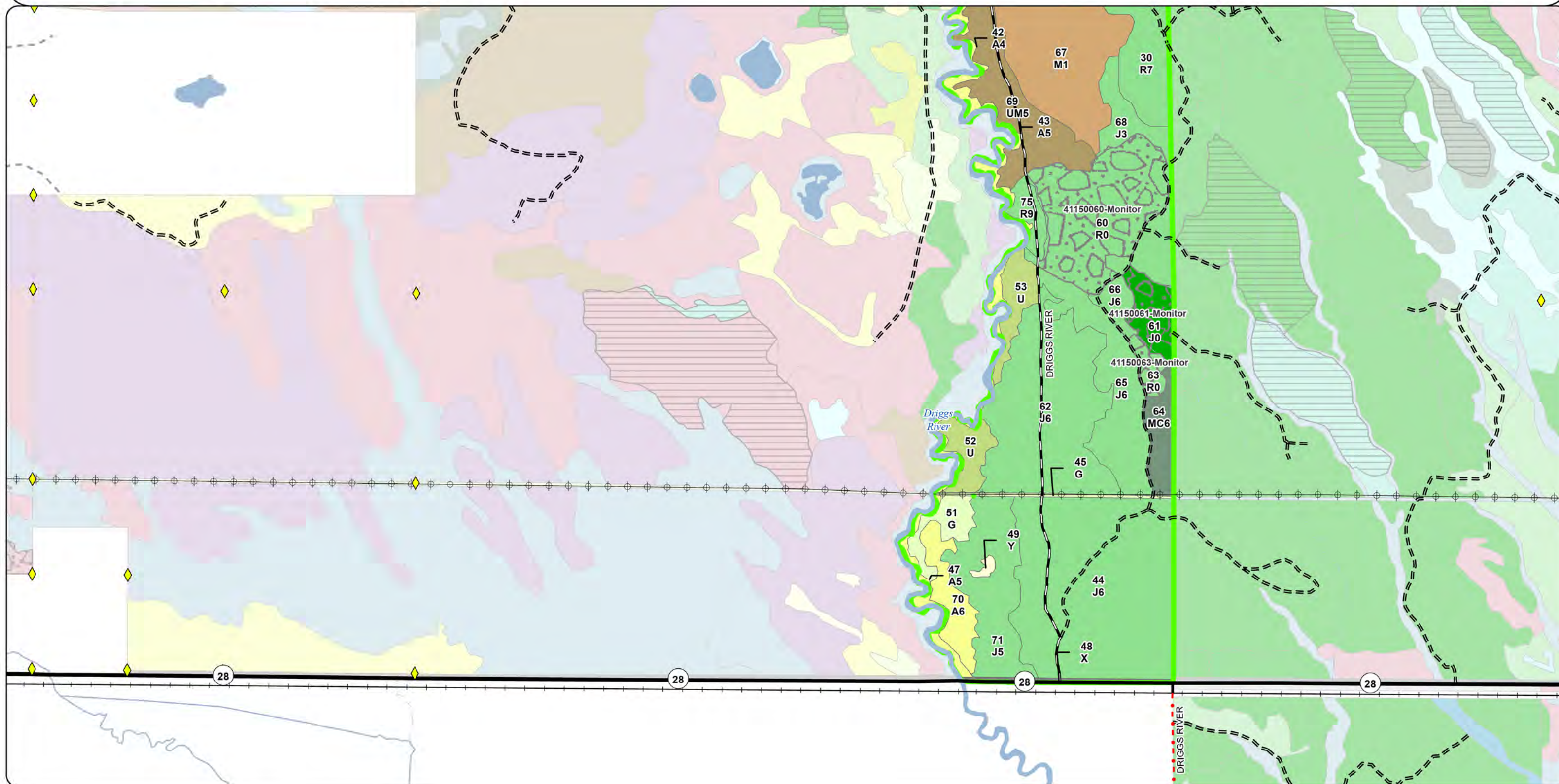
430 - Upland Mixed Forest

122 - Road/Parking Lot

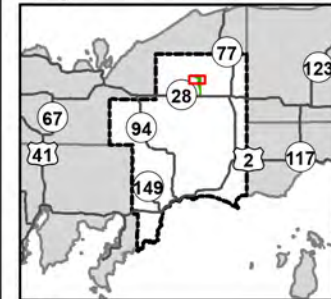
310 - Herbaceous Openland

320 - Upland Shrub

710 - Sand, Soil



Stand Boundary Map



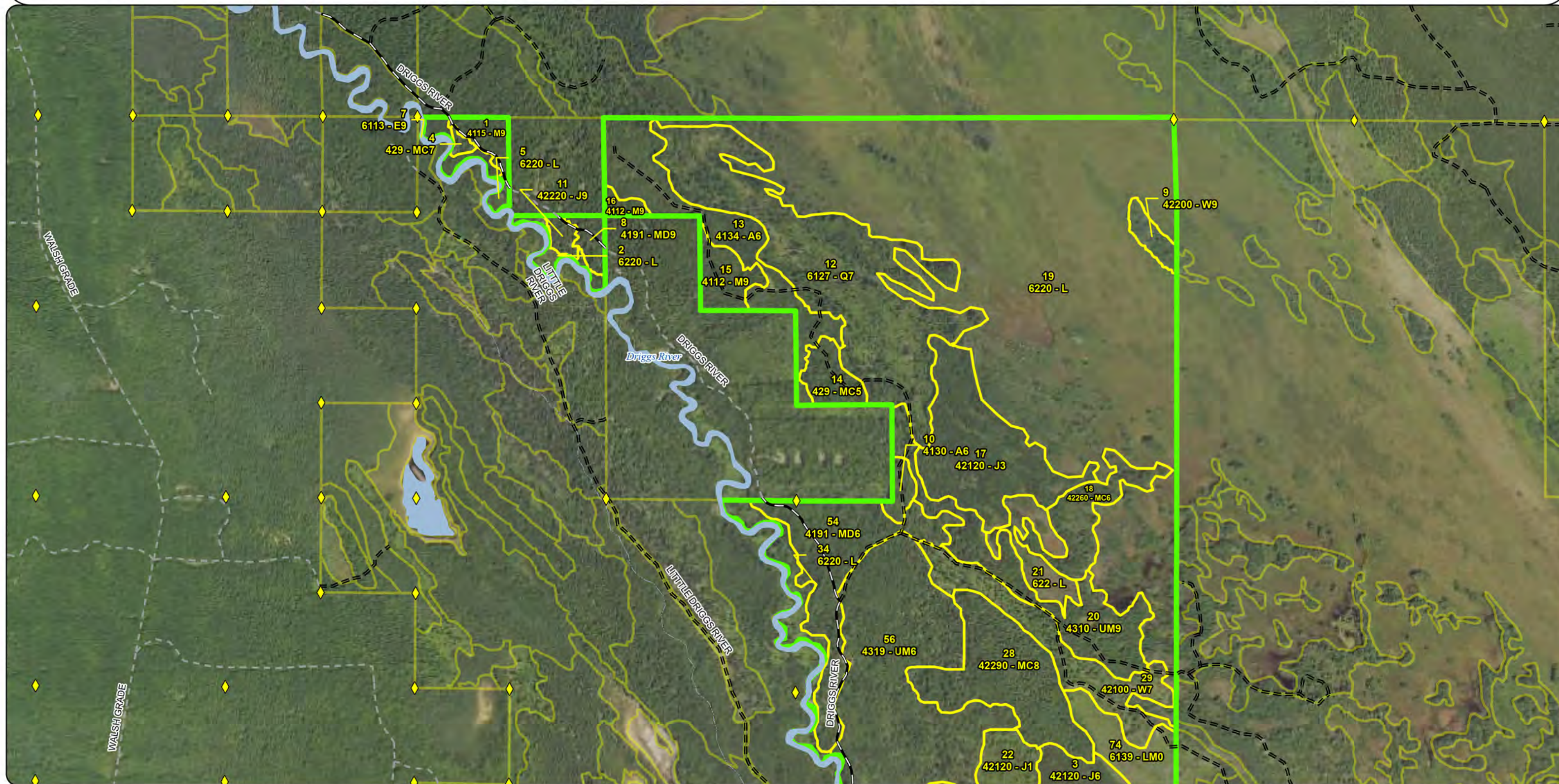
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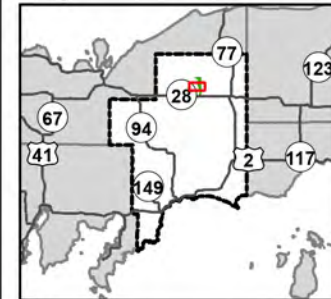
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DNR - Primary Forest Road

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Intermittent Stream

Perennial River

Lakes and Rivers

Counties

Compartment Boundary

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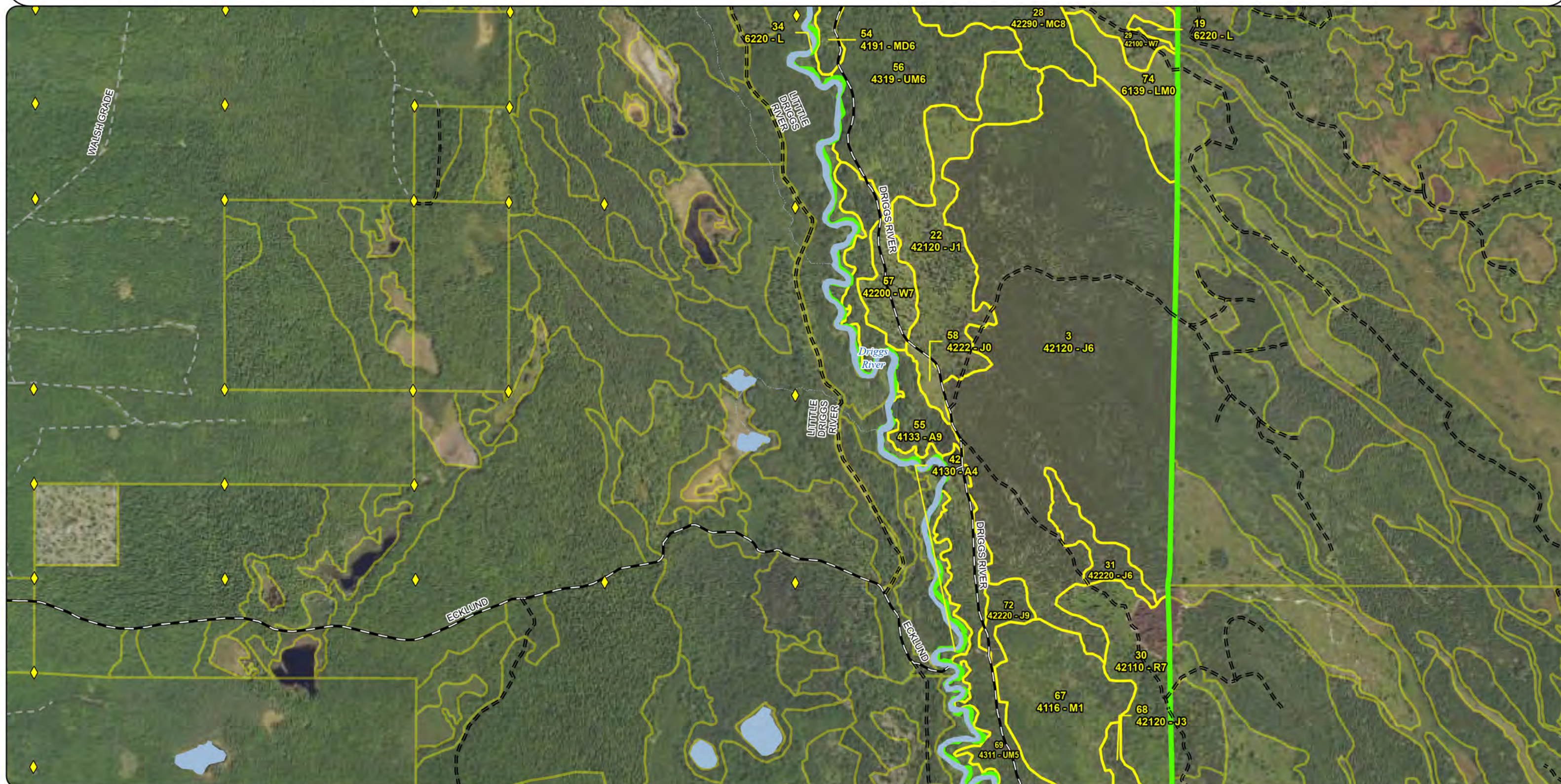
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0.5

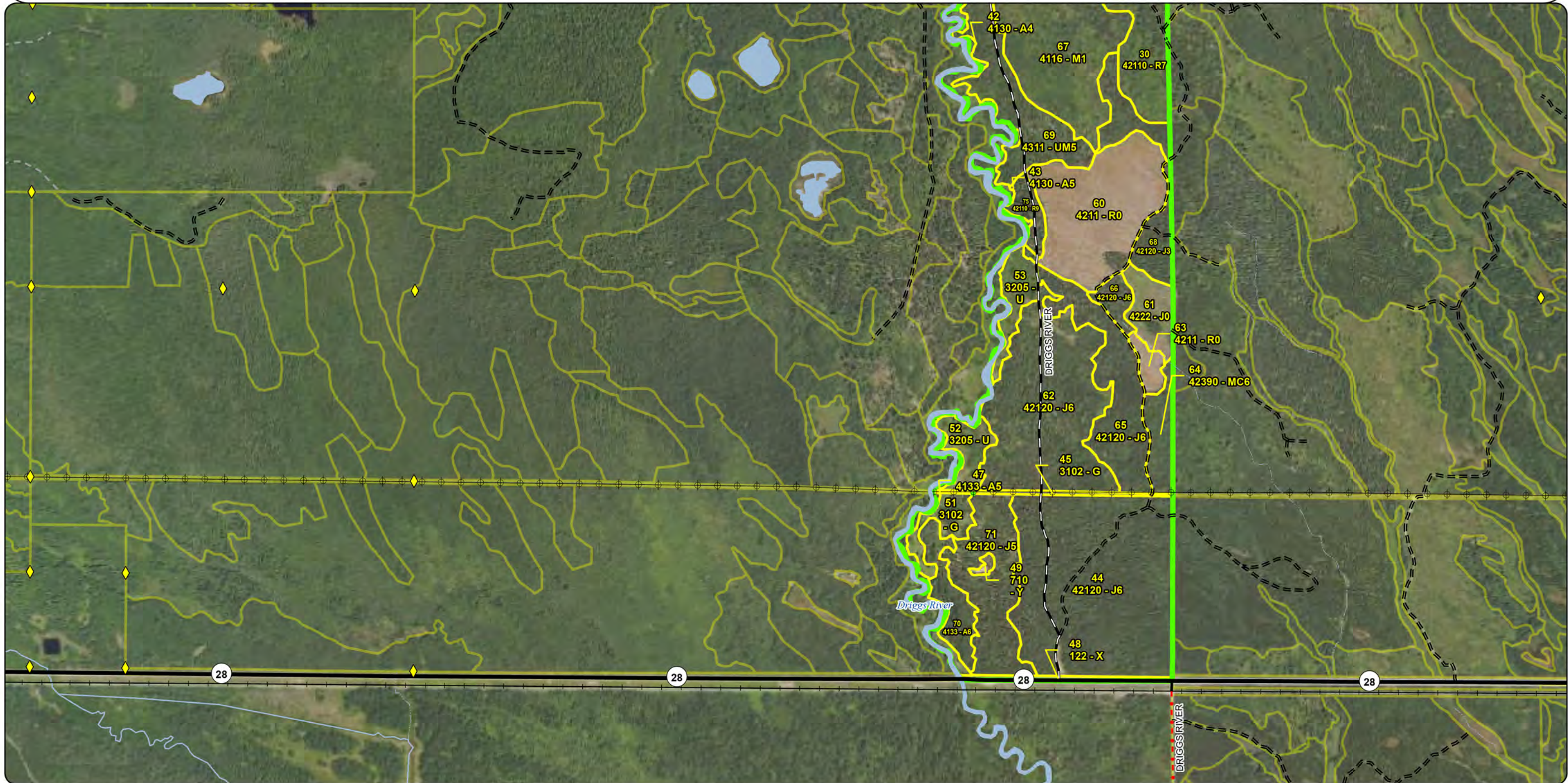
1
□ Miles

- Private - Dirt / Gravel Road
- Active Railroads
- · - · - Intermittent Stream
- Perennial River
- ⊕ — ⊕ Powerline
- Lakes and Rivers

- ☐ Counties

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- 423 - Other Upland Conifers
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Special Conservation Areas & Site Conditions Map



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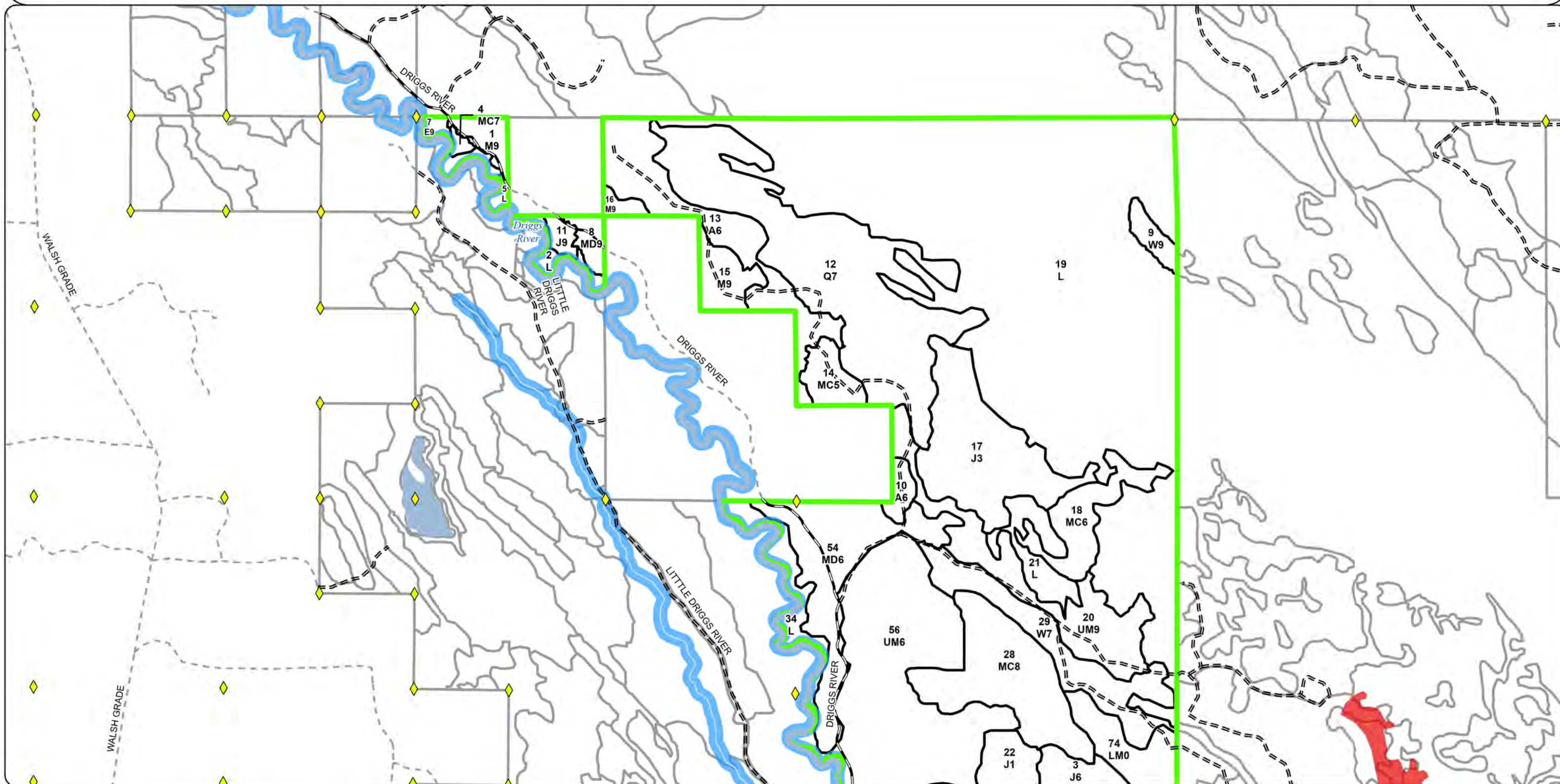
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Stand Boundaries

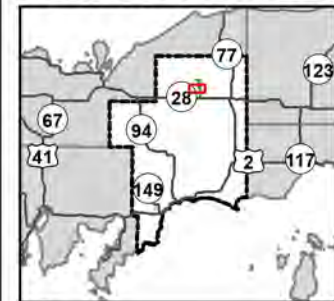
Ecological Reference Areas

Cold Water Streams

High Priority Trout Stream Buffer



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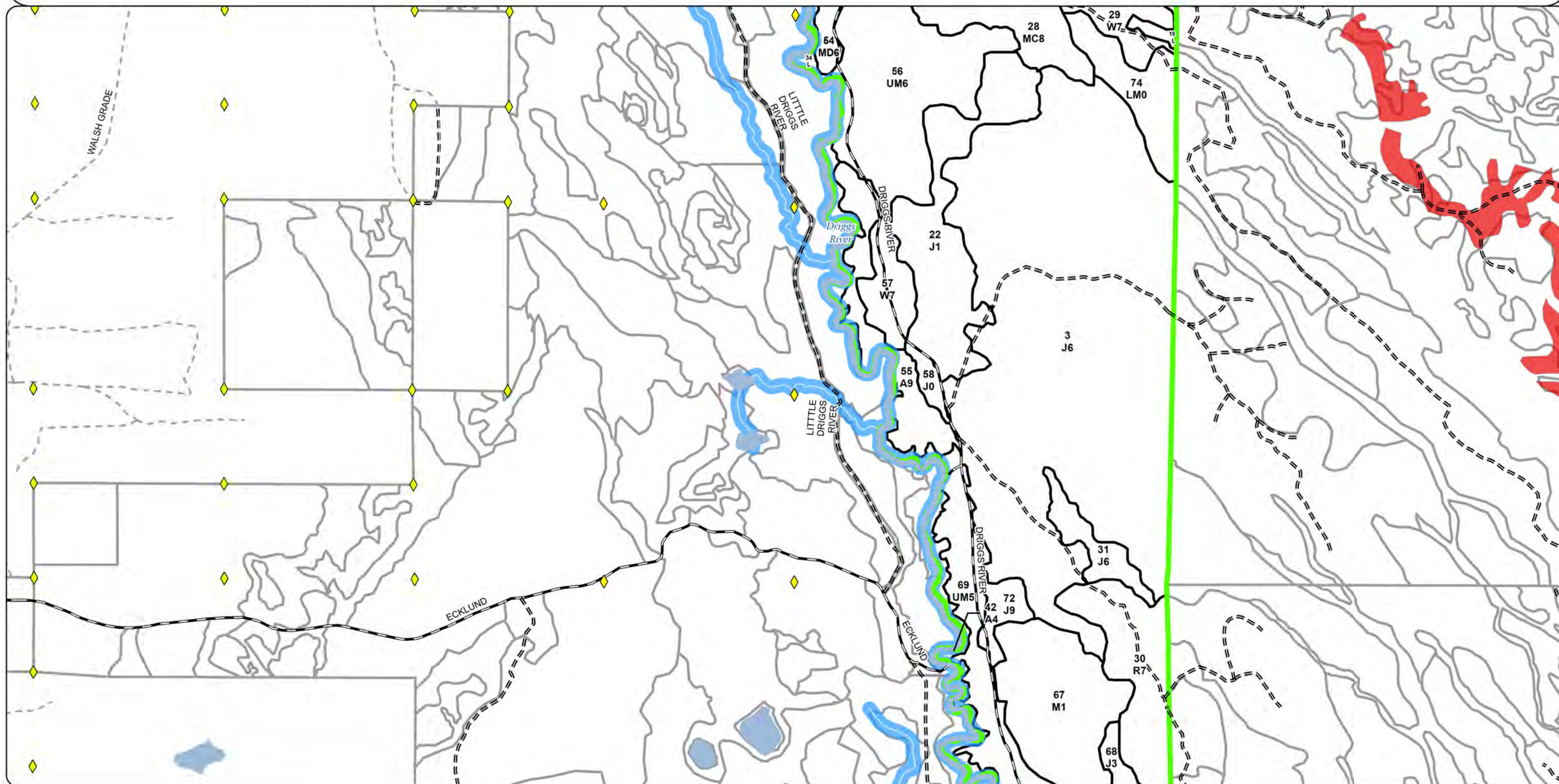
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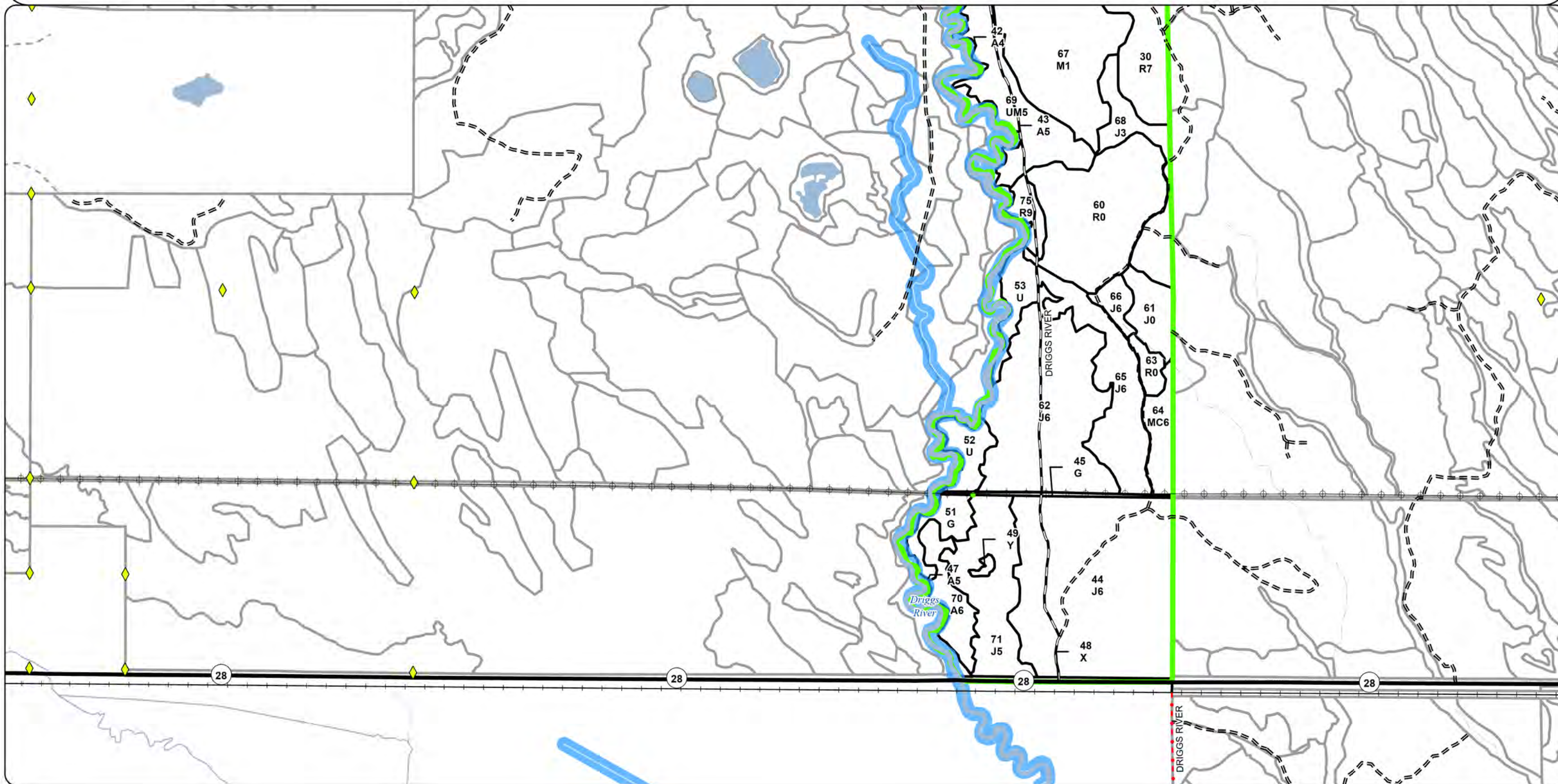
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0 0.5 1 Miles

- Survey Grade Corners
- County - Gravel Road
- Private - Dirt / Gravel Road
- DNR - Primary Forest Road
- DNR - Forest Access Route
- Federal / State Highway
- Federal / State / County - Paved Road
- Active Railroads
- Intermittent Stream
- Perennial River
- Powerline
- Lakes and Rivers
- Counties
- Compartment Boundary
- Stand Boundaries
- Cold Water Streams
- High Priority Trout Stream Buffer



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	0	0	58	0	102	0	0	0	0	0	0	0	0	0	0	0	160
Herbaceous Openland	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14
Jack Pine	20	79	0	0	609	166	28	0	0	4	0	0	0	0	0	0	0	41	945
Lowland Conifers	0	0	0	0	0	0	0	0	0	0	0	138	0	0	0	0	0	0	138
Lowland Deciduous	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	6
Lowland Mixed Forest	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32
Lowland Shrub	520	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	520
Mixed Upland Deciduous	0	0	0	0	0	0	58	0	0	0	0	0	0	0	0	0	0	7	65
Natural Mixed Pines	0	0	0	0	0	0	0	26	0	0	59	0	0	0	0	0	0	0	85
Northern Hardwood	0	0	0	0	0	74	0	15	4	0	9	0	0	0	0	0	0	0	102
Red Pine	68	0	0	0	0	0	0	0	0	7	0	53	0	0	0	0	0	0	128
Sand, Soil	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Upland Conifers	0	0	0	0	0	0	13	0	0	0	0	2	0	0	0	0	0	13	28
Upland Mixed Forest	0	0	0	0	0	226	0	0	0	0	51	0	0	0	0	0	0	0	276
Upland Shrub	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22
Urban	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
White Pine	0	0	0	0	0	0	0	0	0	0	43	7	0	0	0	0	0	21	70
Total	681	79	0	0	667	466	201	41	4	18	162	200	0	0	0	0	0	82	2596



Report 2 – Treatment Summary

Shingleton Mgt. Unit
Year of Entry: 2027

Acres of Harvest

Compartment 150
Total Compartment Acres: 2,599

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

Proposed and Next Step Treatments by Method

		Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current		0	0	0	0	0	173	0	0		173
Next Step		0	0	0	0	0	60	0	0		60
	Total	0	0	0	0	0	233	0	0		233



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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Approved Treatments:

22	41150029-Monitor	38.9	42120 - Planted Jack Pine	1	9	Immature	Monitoring	Monitoring - Regeneration	429 - Mixed Upland Conifers	Planting Record	No
<u>Prescription</u> check <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> Any species currently on site. <u>Regen:</u> <u>Other</u> Percent to Treat = 100% <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2024											

57	41150057-Monitor	20.9	42200 - Natural White Pine	7	91	1-50	Monitoring	Monitoring - Regeneration	4220 - Natural White Pine	Planting Record	No
<u>Prescription</u> check <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> White, red and jack pine. <u>Regen:</u> <u>Other</u> Percent to Treat = 100% <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2024											

58	41150058-Monitor	6.2	4222 - Natural Jack Pine	0	5		Monitoring	Monitoring - Regeneration	4222 - Natural Jack Pine	Planting Record	No
<u>Prescription</u> natural check <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> 10/01/2024											



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
60	41150060-Monitor	60.3	4211 - Planted Red Pine	0	2	Immature	Monitoring	Monitoring - Regeneration	4211 - Planted Red Pine		No
<u>Prescription</u> <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <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> 10/01/2024											
61	41150061-Monitor	13.2	4222 - Natural Jack Pine	0	5		Monitoring	Monitoring - Regeneration	4222 - Natural Jack Pine	Planting Record	No
<u>Prescription</u> natural regen check <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> 10/01/2024											
63	41150063-Monitor	5.6	4211 - Planted Red Pine	0	2	Immature	Monitoring	Monitoring - Regeneration	42110 - 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> 10/01/2024											
74	41150074-Monitor	27.8	6139 - Mixed Lowland Forest	0	8		Monitoring	Monitoring - Regeneration	42330 - Upland Fir	Planting Record	No
<u>Prescription</u> check <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> Any species currently on site. <u>Regen:</u> <u>Other</u> Percent to Treat = 100% <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2024											

S
t
a
n
dTreatment
Name

Acres

Stand
CoverTypeSize
DensityStand
AgeBA
RangeTreatment
TypeTreatment
MethodCover Type
ObjectiveAge
StructureHabitat
Cut

Total Treatment
Acreage Proposed: 172.9



Availability for Management

Total Acres Acres Available Acres With Condition Acres Not Available

Dominant Site Conditions

2H 3J 5E

140	58	0	82	Aspen		82	
10	4	0	6	Herbaceous Openland		6	
870	858	0	12	Jack Pine		12	
138	138	0	0	Lowland Conifers			
6	0	0	7	Lowland Deciduous		7	
4	0	0	4	Lowland Mixed Forest			4
520	492	0	29	Lowland Shrub		29	
19	0	0	19	Mixed Upland Deciduous		19	
85	85	0	0	Natural Mixed Pines			
96	92	0	4	Northern Hardwood		4	
129	129	0	0	Red Pine			
1	1	0	0	Sand, Soil			
28	26	0	2	Upland Conifers		2	
92	51	0	41	Upland Mixed Forest		41	
18	0	0	18	Upland Shrub		18	
4	4	0	0	Urban			
71	64	0	7	White Pine	7		
2,230	2,001		229	Total Forested Acres	7	218	4
	90%		10%	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
3	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Shingleton Mgt. Unit
Scott Kentner: Examiner

Compartment: 150
Year of Entry: 2027



4	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	14	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	12	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
10	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	37	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
12	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
13	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
14	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	63	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Shingleton Mgt. Unit
Scott Kentner: Examiner

Compartment: 150
Year of Entry: 2027



15	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	1	Unspecified	Unspecified	Unspecified	Unspecified
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Comments:

16	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	0	Unspecified	Unspecified	Unspecified	Unspecified
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Comments:

17	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	1	Unspecified	Unspecified	Unspecified	Unspecified
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Comments:

18	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	0	Unspecified	Unspecified	Unspecified	Unspecified
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Comments:

23	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	15	Unspecified	Unspecified	Unspecified	Unspecified
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Comments:

24	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	9	Unspecified	Unspecified	Unspecified	Unspecified
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Comments:

Report 4 – Site Conditions

Shingleton Mgt. Unit
Scott Kentner: Examiner

Compartment: 150
Year of Entry: 2027



26	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
27	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
28	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	21	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
31	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	24	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
34	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
35	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
36	Unavailable	5E: Long-Term Retention	4	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				





Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																
9	42200 - Natural White Pine	Sawtimber Well	7.1	101	1-50	N/A	White pine stand in the middle of a lowland marsh on a ridge. Currently has a site condition on it 2G.																																
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Black Spruce</td><td>10</td><td>Seedling</td><td>8</td><td></td></tr><tr><td>White Pine</td><td>60</td><td></td><td>18</td><td>101</td></tr><tr><td>Red Pine</td><td>30</td><td></td><td>16</td><td></td></tr></table>			Canopy Species	% Cover	Size Class	DBH	Age	Black Spruce	10	Seedling	8		White Pine	60		18	101	Red Pine	30		16		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>White Pine</td><td>Medium</td><td>< 5 feet</td><td>< 5 feet</td></tr></table>			Sub-Canopy Species	Density	Avg. Height	Size	White Pine	Medium	< 5 feet	< 5 feet						
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Sub-Canopy Species	Density	Avg. Height	Size																																				
White Pine	Medium	< 5 feet	< 5 feet																																				
10	4130 - Aspen	Poletimber Well	6.1	31	Immature	N/A	Unit 5 of North Driggs Block (41-034-90-01) clearcut in 1994.																																
<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>80</td><td>Sapling</td><td>5</td><td>31</td></tr><tr><td>Red Maple</td><td>10</td><td>Seedling</td><td>5</td><td></td></tr><tr><td>Paper Birch</td><td>10</td><td>Sapling</td><td>5</td><td>31</td></tr></table>			Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	80	Sapling	5	31	Red Maple	10	Seedling	5		Paper Birch	10	Sapling	5	31	<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>White Pine</td><td>Medium</td><td>< 5 feet</td><td>< 5 feet</td></tr></table>			Sub-Canopy Species	Density	Avg. Height	Size	White Pine	Medium	< 5 feet	< 5 feet	Aspen stand with scattered paper birch, white in the understory.					
Canopy Species	% Cover	Size Class	DBH	Age																																			
Quaking Aspen	80	Sapling	5	31																																			
Red Maple	10	Seedling	5																																				
Paper Birch	10	Sapling	5	31																																			
Sub-Canopy Species	Density	Avg. Height	Size																																				
White Pine	Medium	< 5 feet	< 5 feet																																				
11	42220 - Natural Jack Pine	Sawtimber Well	4.2	85	Unspecified	N/A	Jack pine, butts up to river buffer. Could be cut if buffer allows, small acreage.																																
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Pine</td><td>5</td><td></td><td>12</td><td></td></tr><tr><td>Jack Pine</td><td>95</td><td></td><td>10</td><td>85</td></tr></table>			Canopy Species	% Cover	Size Class	DBH	Age	Red Pine	5		12		Jack Pine	95		10	85	<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>White Pine</td><td>Medium</td><td>< 5 feet</td><td>< 5 feet</td></tr><tr><td>Beech</td><td>Low</td><td>< 5 feet</td><td>< 5 feet</td></tr></table>			Sub-Canopy Species	Density	Avg. Height	Size	White Pine	Medium	< 5 feet	< 5 feet	Beech	Low	< 5 feet	< 5 feet							
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Beech	Low	< 5 feet	< 5 feet																																				
12	6127 - Lowland Pine	Sawtimber Poor	138.4	101	1-50	N/A	Tag Team Tamarack (41-010-10-01) Clear-cut with reserves of white pine, hemlock red pine and cedar, oak. cut in 2013. Nice tamarack regeneration coming in. Also white pine and aspen in the higher ground areas.																																
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>White Pine</td><td>95</td><td></td><td>18</td><td>101</td></tr><tr><td>Red Pine</td><td>5</td><td></td><td>18</td><td></td></tr></table>			Canopy Species	% Cover	Size Class	DBH	Age	White Pine	95		18	101	Red Pine	5		18		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Tamarack</td><td>Low</td><td>< 5 feet</td><td>< 5 feet</td></tr><tr><td>White Pine</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Quaking Aspen</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>			Sub-Canopy Species	Density	Avg. Height	Size	Tamarack	Low	< 5 feet	< 5 feet	White Pine	Medium	5 - 10 feet	5 - 10 feet	Quaking Aspen	Medium	5 - 10 feet	5 - 10 feet			
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White Pine	Medium	5 - 10 feet	5 - 10 feet																																				
Quaking Aspen	Medium	5 - 10 feet	5 - 10 feet																																				
13	4134 - Aspen, Spruce/Fir	Poletimber Well	52.0	31	Immature	N/A	Units 5, 8, 9 or North Driggs block (41-034-90-01) Clear-cut in 1994. Really neat aspen stand with spruce growing through the thick aspen. Some scattered tamarack.																																
<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>60</td><td>Sapling</td><td>5</td><td>31</td></tr><tr><td>White Pine</td><td>10</td><td>Sapling</td><td>5</td><td>31</td></tr><tr><td>White Spruce</td><td>30</td><td>Sapling</td><td>5</td><td>31</td></tr></table>			Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	60	Sapling	5	31	White Pine	10	Sapling	5	31	White Spruce	30	Sapling	5	31	<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 feet</td><td>< 5 feet</td></tr></table>			Sub-Canopy Species	Density	Avg. Height	Size	White Pine	Low	< 5 feet	< 5 feet						
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White Pine	10	Sapling	5	31																																			
White Spruce	30	Sapling	5	31																																			
Sub-Canopy Species	Density	Avg. Height	Size																																				
White Pine	Low	< 5 feet	< 5 feet																																				
14	429 - Mixed Upland Conifers	Poletimber Medium	12.8	31	51-80	N/A	unit 6 of North Driggs Block (41-034-90-01) Thinned white pine and paper birch, cut in 1994. Very large White pine scattered at about 10-30 BA. Also paper birch intermixed with the white pine. Young white pine is growing-up through the understory. But mostly understory is spruce.																																
<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>35</td><td>Seedling</td><td>8</td><td></td></tr><tr><td>White Pine</td><td>20</td><td></td><td>20</td><td>101</td></tr><tr><td>Black Spruce</td><td>45</td><td>Sapling</td><td>5</td><td>31</td></tr></table>			Canopy Species	% Cover	Size Class	DBH	Age	Paper Birch	35	Seedling	8		White Pine	20		20	101	Black Spruce	45	Sapling	5	31	<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Black Spruce</td><td>Full</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>White Pine</td><td>High</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>			Sub-Canopy Species	Density	Avg. Height	Size	Black Spruce	Full	5 - 10 feet	5 - 10 feet	White Pine	High	5 - 10 feet	5 - 10 feet		
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Black Spruce	Full	5 - 10 feet	5 - 10 feet																																				
White Pine	High	5 - 10 feet	5 - 10 feet																																				
15	4112 - Maple, Beech, Cherry Association	Sawtimber Well	14.8	66	51-80	N/A	Unit 7 of North Driggs Block (41-034-90-01). Diameter limit cut, 14" and bigger of all trees and cut all balsam. Cut in 1994. Red maple stand with hemlock patches. Pole stand turning into a nicer log stand.																																
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Maple</td><td>70</td><td></td><td>10</td><td>66</td></tr><tr><td>Black Cherry</td><td>15</td><td>Seedling</td><td>8</td><td></td></tr><tr><td>Hemlock</td><td>15</td><td></td><td>10</td><td></td></tr></table>			Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	70		10	66	Black Cherry	15	Seedling	8		Hemlock	15		10		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Hemlock</td><td>Medium</td><td>< 5 feet</td><td>< 5 feet</td></tr><tr><td>Black Cherry</td><td>Medium</td><td>< 5 feet</td><td>< 5 feet</td></tr></table>			Sub-Canopy Species	Density	Avg. Height	Size	Hemlock	Medium	< 5 feet	< 5 feet	Black Cherry	Medium	< 5 feet	< 5 feet		
Canopy Species	% Cover	Size Class	DBH	Age																																			
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Hemlock	Medium	< 5 feet	< 5 feet																																				
Black Cherry	Medium	< 5 feet	< 5 feet																																				





Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
28	42290 - Natural Mixed Pine	Sawtimber Medium	58.7	91	1-50	N/A	Upper Driggs Pine (41-069-97-01) clear-cut with reserves, cut in 1998, Planted in 2002 to Jack pine.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Pine		50		16	91	Quaking Aspen	High	5 - 10 feet	5 - 10 feet
White Pine		50		16	91	White Pine	High	5 - 10 feet	5 - 10 feet
						Jack Pine	Medium	5 - 10 feet	5 - 10 feet
29	42100 - Planted White Pine	Sawtimber Poor	42.5	91	1-50	N/A	Units 1 and 2 of Wandering Coyote (41-023-07-01) Clear-cut Aspen and Jack pine cut in '09, Planted jack pine in 2010 and Oak in 2011. Regen check in 2014, 624 trees/acre. Large Red and white pine residual with red maple and good oak regen underneath some scattered paper birch regen as well.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Oak		10		10		Red Oak	Medium	< 5 feet	< 5 feet
White Pine		60		12	91	Red Maple	Medium	< 5 feet	< 5 feet
Red Pine		30		12	91	Paper Birch	Low	< 5 feet	< 5 feet
30	42110 - Planted Red Pine	Sawtimber Poor	53.0	101	1-50	N/A	Units 3 and 4 of wandering Coyote 941-023-07-01) Clear-cut Jack pine reserve Red pine, White pine, oak and Cedar. Sale cut in 2008, planted to Jack pine in 2013. Regen check done in 2014, 372 Trees/acre. 2016 regen check: 496 T/A, since stand is Jack pine we are going to pass this stand. Two-aged stand with Red and White residual and Jack pine planted in rows below. The north end of the stand had a wildfire occur in it and all the planted jack pine in that area burned/ was killed.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Pine		90		16	101	Jack Pine	Medium	< 5 feet	< 5 feet
White Pine		10		16		Quaking Aspen	Medium	5 - 10 feet	5 - 10 feet
						Black Spruce	High	5 - 10 feet	5 - 10 feet
31	42220 - Natural Jack Pine	Poletimber Well	17.1	53	Unspecified	N/A	Patch of older jack pine. Stand origin 1972.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Jack Pine		80	Seedling	6	53	Jack Pine	Low	< 5 feet	< 5 feet
Tamarack		5		10					
Black Spruce		15	Seedling	7					
34	6220 - Alder/Willow	None	20.0			No	Driggs river buffer of tag alder.		
						Sub-Canopy Species	Density	Avg. Height	Size
						Tag Alder	Full	5 - 10 feet	5 - 10 feet
42	4130 - Aspen	Poletimber Poor	28.8	56	Unspecified	N/A	River buffer of Driggs, poor quality aspen and black cherry. Open areas of grass and tag alder.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen		80	Seedling	7	56	Tag Alder	Medium	5 - 10 feet	5 - 10 feet
Black Cherry		20	Seedling	7					
43	4130 - Aspen	Poletimber Medium	9.2	56	Unspecified	N/A	River buffer of Driggs, mostly aspen and poor quality black cherry some Tag alder in the low areas.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen		80	Seedling	7	56	Tag Alder	Medium	5 - 10 feet	5 - 10 feet
Black Cherry		20	Seedling	7					
44	42120 - Planted Jack Pine	Poletimber Well	125.1	45	1-50	N/A	Jack pine planation, Planted in 1980.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Jack Pine		100	Seedling	6	45	Jack Pine	Low	< 5 feet	< 5 feet



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																											
45	3102 - Grass	None	3.5			No	Power line, grass opening. Mostly upland with some low areas.																																											
47	4133 - Aspen, Mixed Pine	Poletimber Medium	10.0	56	51-80	N/A	River buffer of Driggs, Aspen, jack pine and black cherry low areas filled with tag alder.																																											
<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>55</td><td>Sapling</td><td>5</td><td>56</td></tr><tr><td>Red Pine</td><td>5</td><td></td><td>12</td><td></td></tr><tr><td>White Pine</td><td>5</td><td></td><td>12</td><td></td></tr><tr><td>Jack Pine</td><td>15</td><td></td><td>7</td><td></td></tr><tr><td>Black Cherry</td><td>20</td><td>Sapling</td><td>5</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Quaking Aspen	55	Sapling	5	56	Red Pine	5		12		White Pine	5		12		Jack Pine	15		7		Black Cherry	20	Sapling	5		<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></table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Medium	5 - 10 feet	5 - 10 feet								
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Sub-Canopy Species	Density	Avg. Height	Size																																															
Tag Alder	Medium	5 - 10 feet	5 - 10 feet																																															
48	122 - Road/Parking Lot	None	4.1			No	M-28 and road right-away.																																											
49	710 - Sand, Soil	None	1.3			No	weirdest stand ever (sand dune with small pond) in the middle of a Jack pine stand.																																											
51	3102 - Grass	None	10.0			No	Mostly upland grassy area, some scattered Jack pine, flood plain of Driggs river. Boat launch with rock banks. Telliphone pole bridge over river.																																											
		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Jack Pine</td><td>Trace</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height		Size	Jack Pine	Trace	5 - 10 feet	5 - 10 feet																																						
Sub-Canopy Species	Density	Avg. Height	Size																																															
Jack Pine	Trace	5 - 10 feet	5 - 10 feet																																															
52	3205 - Mixed Upland Shrub	None	11.0			No	Upland grassy opening (with some tag alder, flood plains of Driggs)																																											
		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Quaking Aspen</td><td>Medium</td><td>< 5 feet</td><td>< 5 feet</td></tr><tr><td>Black Cherry</td><td>Medium</td><td>< 5 feet</td><td>< 5 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Quaking Aspen	Medium	< 5 feet	< 5 feet	Black Cherry	Medium	< 5 feet	< 5 feet	2 boat launches with nice rock banks																																		
Sub-Canopy Species	Density	Avg. Height	Size																																															
Quaking Aspen	Medium	< 5 feet	< 5 feet																																															
Black Cherry	Medium	< 5 feet	< 5 feet																																															
53	3205 - Mixed Upland Shrub	None	11.3			No	Upland grassy openings near flood plain of Driggs.																																											
54	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	58.0	57	51-80	N/A	Mixed stand mostly containing white pine, black cherry, and aspen. All trees are short and poor form, very bushy.																																											
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