

Compartment Review Presentation

Newberry Forest Management Unit

Compartment 42016

Entry Year: 2026

Acreage: 2,060

County: Luce

Management Area: Seney Lake Plain

Stand Examiner: Matt Payment

Legal Description:

T48N R11W, Sections 1-11

Identified Planning Goals:

Recreation, timber, and wildlife are the main uses of this area. The goal is to manage for all of these simultaneously and to provide, enhance and perpetuate their uses.

Soil and topography:

The soil in this compartment is mostly made up of a complex of sandy soils mixed in with level lowland peat soils. The eastern end of the compartment is mostly level to rolling sand complexes with poorly drained soils mixed throughout. The western end of the compartment is mostly level lowlands that are poorly drained with sand ridges and 'islands' of pine interspersed throughout the lowlands. The sand ridges range from rolling to very steep in places. Forested cover types in the lowlands are typically treed bogs, marsh, lowland conifers and tag alder. The forested cover types on the sandy soil types are typically pine, spruce, birch, and aspen with some of the richer upland soils having maple, beech hemlock and white pine.

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

The compartment is largely state owned with a fair amount of private land and corporate land scattered around and throughout. The Michigan Nature Association owns a '40' near Ladue Lake. The western end of the compartment has mostly avoided heavy timber production due to remoteness, difficult topography and lowland nature. The eastern end of the compartment is more accessible and has seen some recent timber harvesting activity on the corporate private land. The compartment is used for an assortment of recreational opportunities. There are a fair amount of camps on the private land in and around the compartment.

Unique Natural Features:

The entire compartment falls within the boundaries of the Two Hearted River watershed. Ladue Lake, Beavertown Lakes, the North, West, and main branch of the Two Hearted River are all major components of the watershed. The Two Hearted River system is designated as a Natural River. Also located in the compartment is a portion of Michigan Natural Feature that is classified as a Muskeg.

Archeological, Historical, and Cultural Features:

No Archeological, Historical, or Cultural Features known.

Special Management Designations or Considerations:

The entire compartment falls within the boundaries of the Two Hearted River watershed. The Two Hearted River system is designated as a Natural River which has an associated written plan to guide land management activities.

Watershed and Fisheries Considerations:

Bordering this compartment are the North and West Branches of the Two Hearted River, both designated trout streams and included under the Two Hearted Natural River Plan. Brook trout populations in both streams are well intact and popular fisheries. Occasionally, a steelhead (rainbow trout) or Coho salmon can be caught in these river reaches. A minimum buffer of 100 feet should be adhered to when stand treatments are near these two rivers.

Wildlife Habitat Considerations:

Compartment 16 lies within the Seney Lake Plain Management Area. The West Branch of the Two Hearted River serves as the southern border of the compartment and the North Branch of the Two Hearted River borders the northern stands in the compartment. The western portion of the compartment is largely comprised of treed bogs and swamps interspersed with mature white pine stands and swamp conifers. The eastern portion of the compartment contains a mix of spruce and white and red pine stands. The current vegetation patterns appear to be reflective of pre-settlement vegetation conditions. Maintaining structural and species diversity as much as possible in harvested stands will help achieve wildlife objectives in this compartment. Leave trees will provide food sources, nest and den locations and improve stand diversity. Conifers and hard mast producing species will be left in aspen final harvests to provide similar benefits. Excellent wildlife travel corridors exist along the rivers. Additional species utilizing this compartment include white-tailed deer, black bear, moose, gray wolf,

American marten, beaver, mink, otter, and snowshoe hare.

Mineral Resource and Development Concerns and/or Restrictions

No known potential exists for commercial oil & gas production in this part of the state, and there is no known potential for occurrences of commercial deposits of metallic or critical minerals in this area. The nearest known active sand/gravel pit is more than two miles northeast. The compartment is dominated by low wetlands, which would inhibit surface mining, even if potential for aggregate resources exist. Furthermore, the compartment might be too far from populated areas (commercial markets) for any aggregate resources present to have much economic value beyond limited use by the county road commission, logging companies, or DNR for local road maintenance. No current State mineral leasing activity exists in the area. The State does not own all the mineral rights within the compartment. Because the mineral estate is the dominant estate, the surface owner must provide the owner of the mineral rights reasonable access to the surface for mineral exploration and development.

Vehicle Access:

: The compartment can be accessed via County Road 418. This road is maintained by the Luce County Road Commission. The County has designated this road as seasonal and they do not routinely maintain it as they do other county roads. County Road 418 progressively gets worse as you move west and runs as far as Ladue Lake. Other roads within the compartment are two tracks that lead to private camps.

Survey Needs:

Replace the private/corporate survey corners currently monumented with wooden posts in Sections 8 & 9 with DNR monuments.

Recreational Facilities and Opportunities:

This compartment has an assortment of recreational opportunities such as hiking, hunting, fishing and wildlife viewing. There are a fair number of private hunting camps throughout the compartment.

Fire Protection:

Area is part of the Two Hearted Zone Dispatch Area. Large fire runs are possible. Normal fire suppression response will be marginally effective in this area because of the limited access and mixture of ridges/lowland tree bogs. Risk to private property would be moderate.

Additional Compartment Information:

The bridge that crosses the North Branch of the Two Hearted River on County Road 418 is only rated for 3 Tons. This will have to be addressed if logging is to occur.

The following reports from the Inventory are attached:

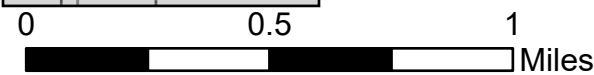
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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: 42016
T48N, R11W, Sec: 1-11
County: Luce
Unit: Newberry
Mgmt. Area: Seney Lake Plain
YOE: 2026
Acres: 2,060 GIS Calculated
Examiner: Matt Payment
Date Exported: 6/24/2025
Map Phase: Post Review



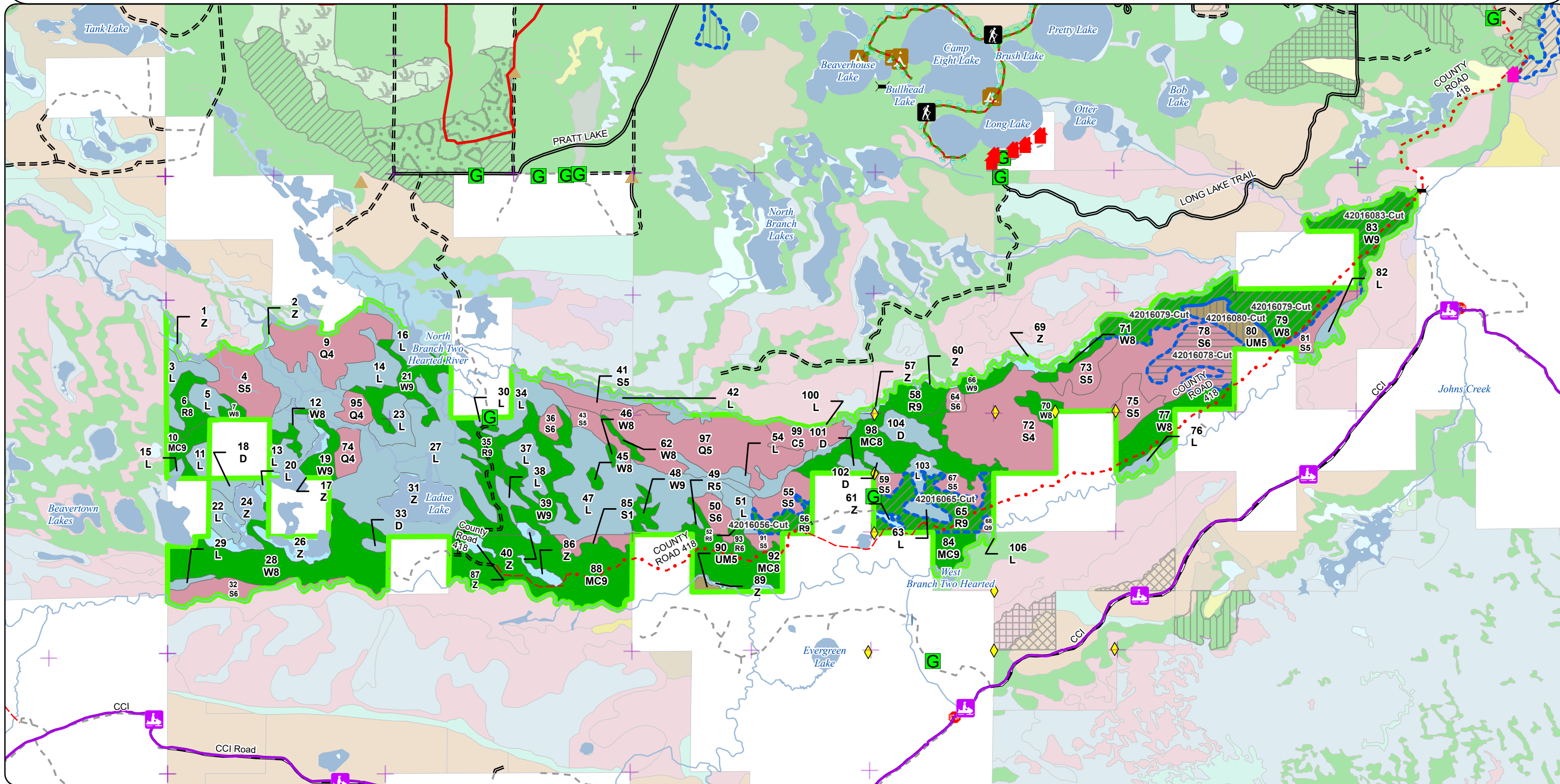
- Remonumented Section Corners
- Survey Grade Corners
- Cabin
- Structure, Seasonal Dwelling
- Berms
- Gate

- Bridges
- Culvert
- Campground
- Sign
- Designated Bicycle Trails
- Designated Snowmobile Trails
- Designated ATV Trails

- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Intermittent Stream

- Perennial River
- Lakes and Rivers
- Counties
- Compartment Boundary
- Clearcut
- Shelterwood
- Thinning

- Treatments with Site Conditions
- 422 - Natural Pines
- 430 - Upland Mixed Forest
- 500 - Water
- 612 - Lowland Coniferous Forest
- 622 - Lowland Shrub



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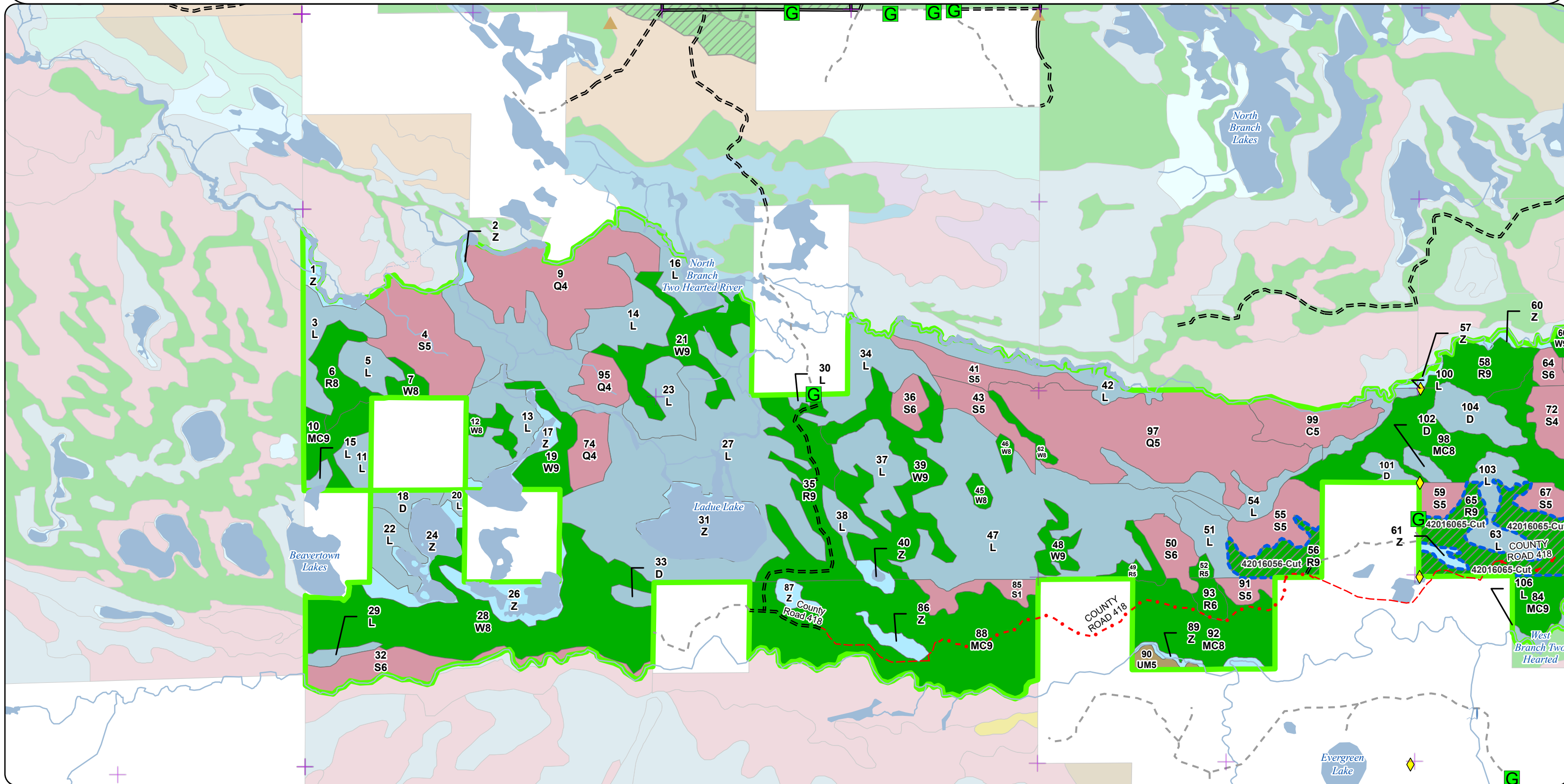
0 0.5 1 Miles

- Remonumented Section Corners
- Survey Grade Corners
- Berms
- Gate
- Culvert

- DNR - Secondary Forest Road
- DNR - Forest Access Route
- County - Gravel Road
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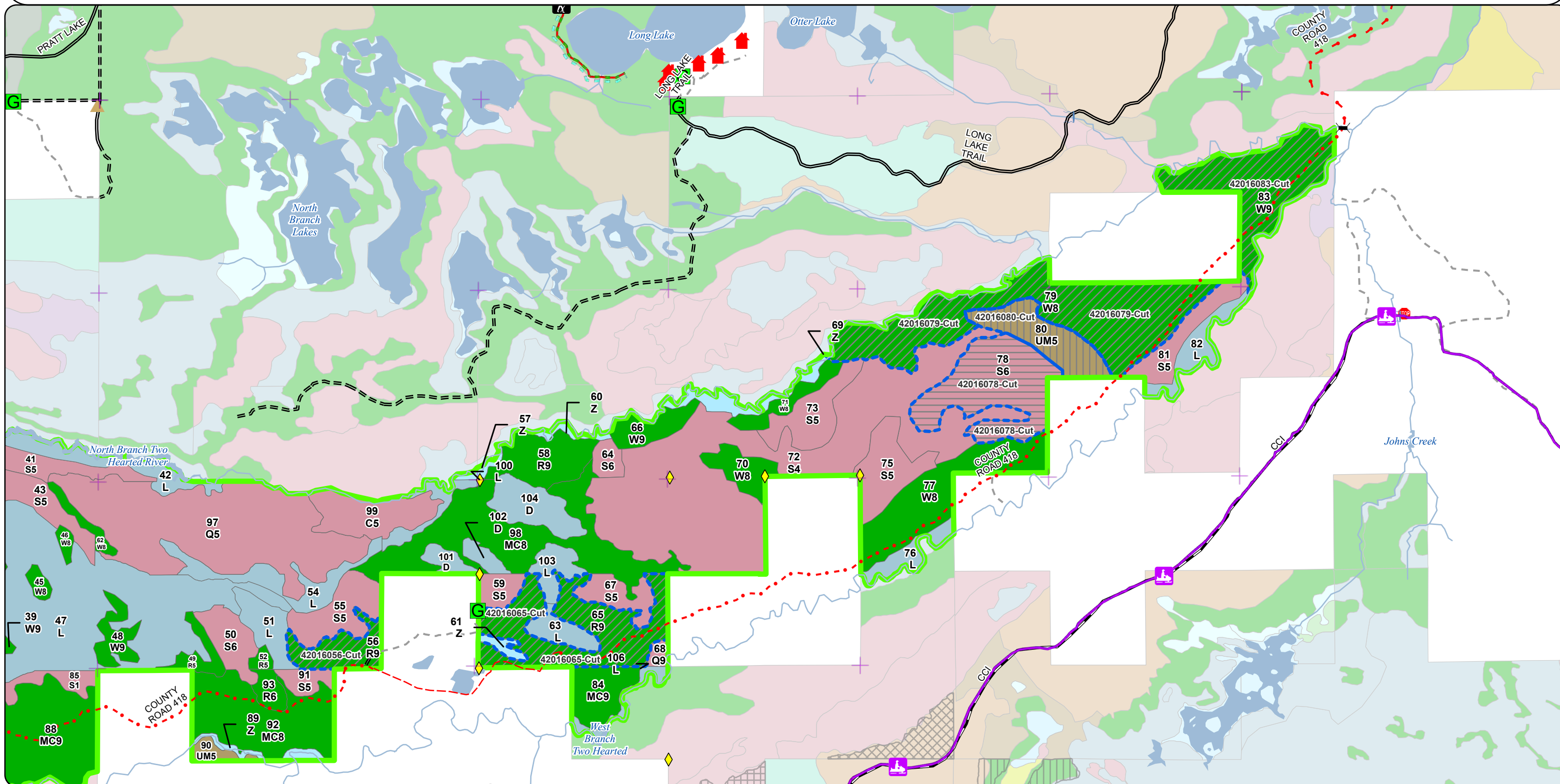
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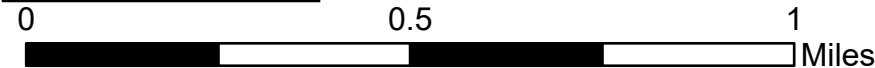
- Remonumented Section Corners
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- Sign
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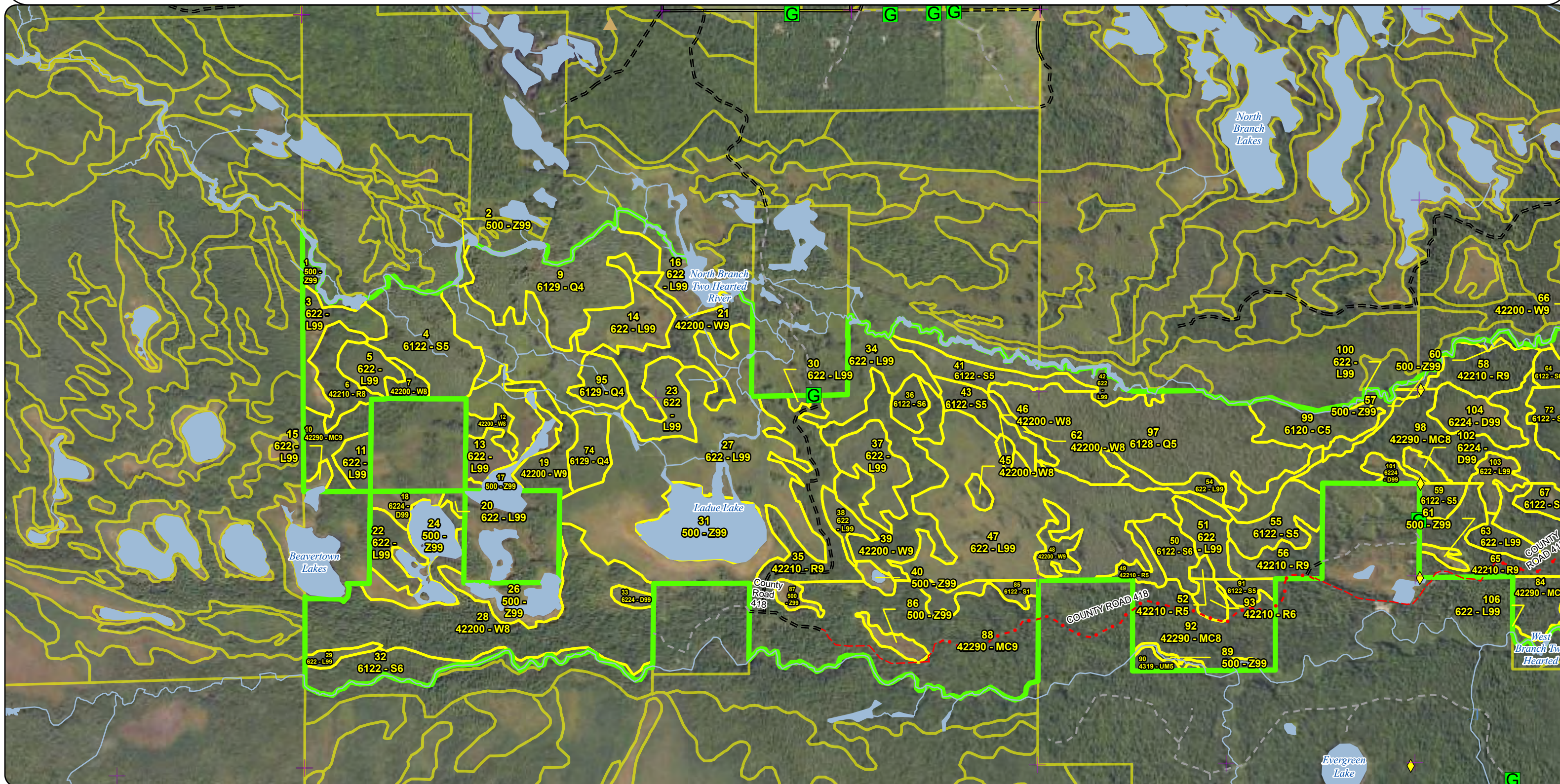


-  Remonumented Section Corners
-  Survey Grade Corners
-  Berms
-  Gate
-  Culvert

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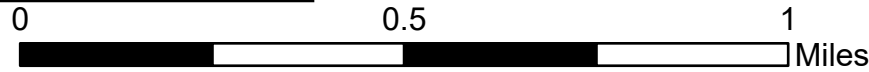
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Stand Boundary Map

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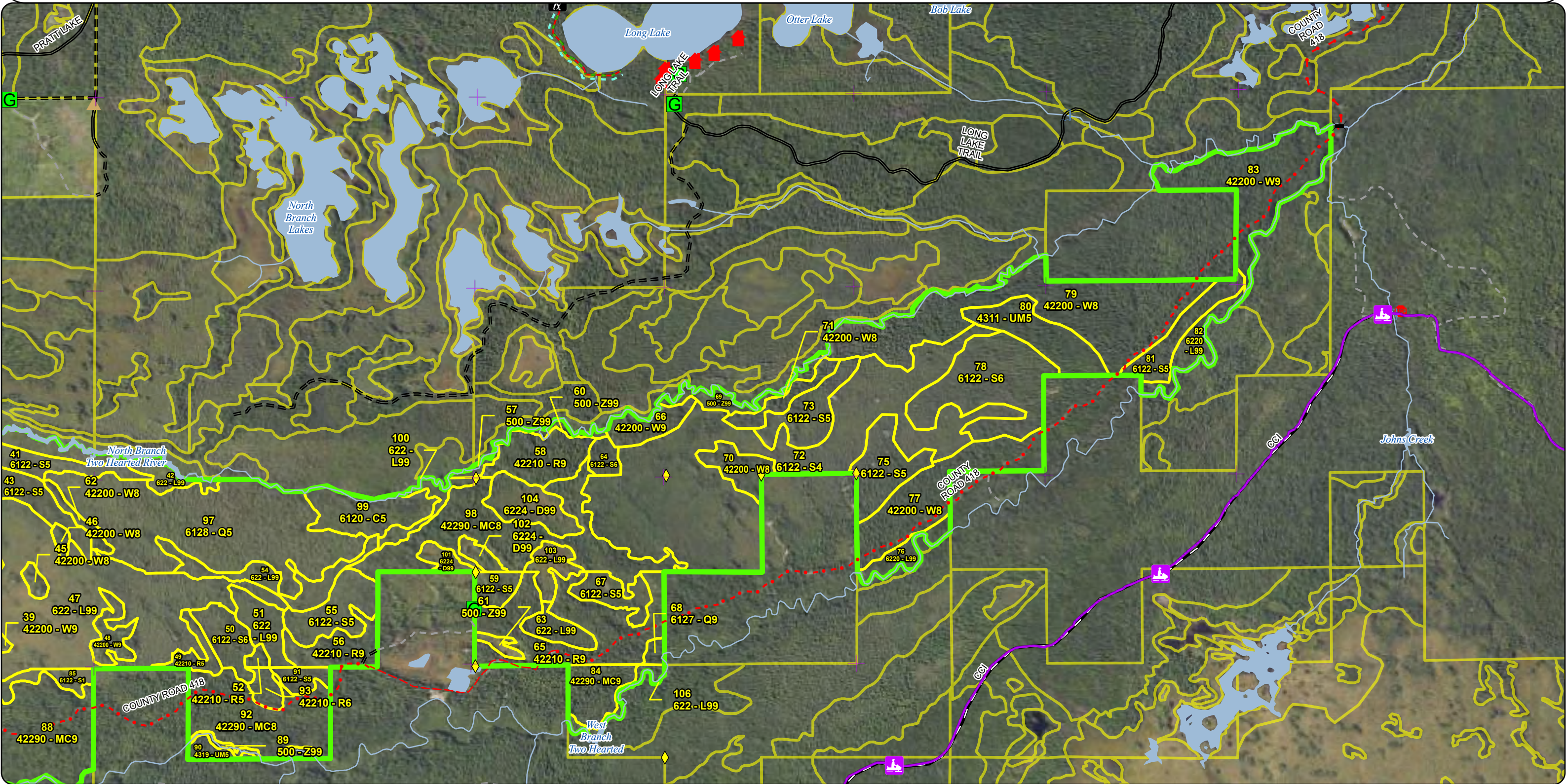


- Remonumented Section Corners
- Survey Grade Corners
- Cabin
- Berms
- Gate
- Bridges

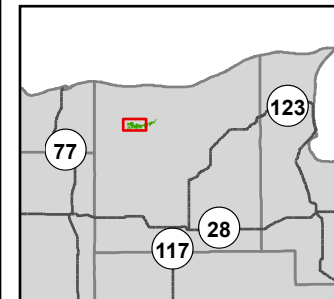
- Culvert
- Sign
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Special Conservation Areas & Site Conditions Map

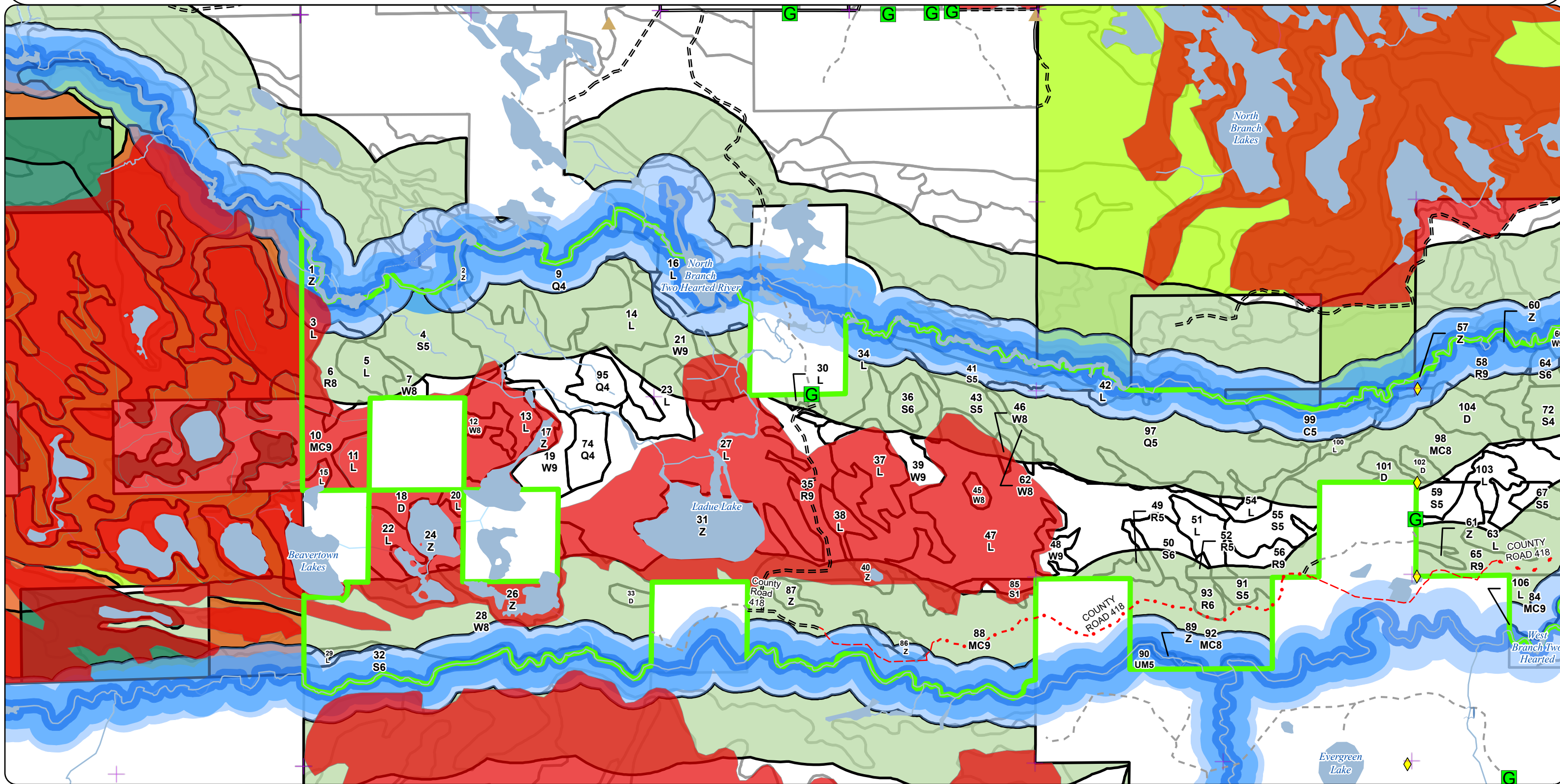


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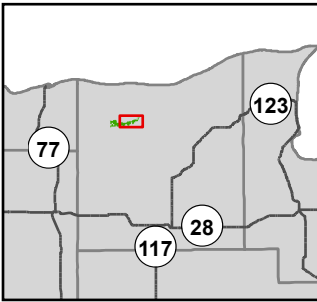
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|---|------------------------------|-------|-------------------------------|-----|----------------------------------|---|-----------------------------------|
| + | Remonumented Section Corners | === | DNR - Forest Access Route | --- | Counties | ☐ | SCA Removal |
| ◆ | Survey Grade Corners | - - - | County - Gravel Road | ☐ | Compartment Boundary | — | Cold Water Streams |
| ▲ | Berms | - - - | County - Dirt Road (Seasonal) | ☐ | Stand Boundaries | — | High Priority Trout Stream Buffer |
| G | Gate | - - - | Private - Dirt / Gravel Road | ☐ | Ecological Reference Areas | — | Habitat Corridor |
| ⌒ | Culvert | - - - | Intermittent Stream | ☐ | Natural Rivers Vegetative Buffer | — | Other Habitat Area |
| — | DNR - Secondary Forest Road | — | Perennial River | ☐ | Natural Rivers Zoning District | — | Recreational/Scenic Value Area |
| | | — | Lakes and Rivers | ☐ | SCA | — | Possible Type 2 Old Growth |



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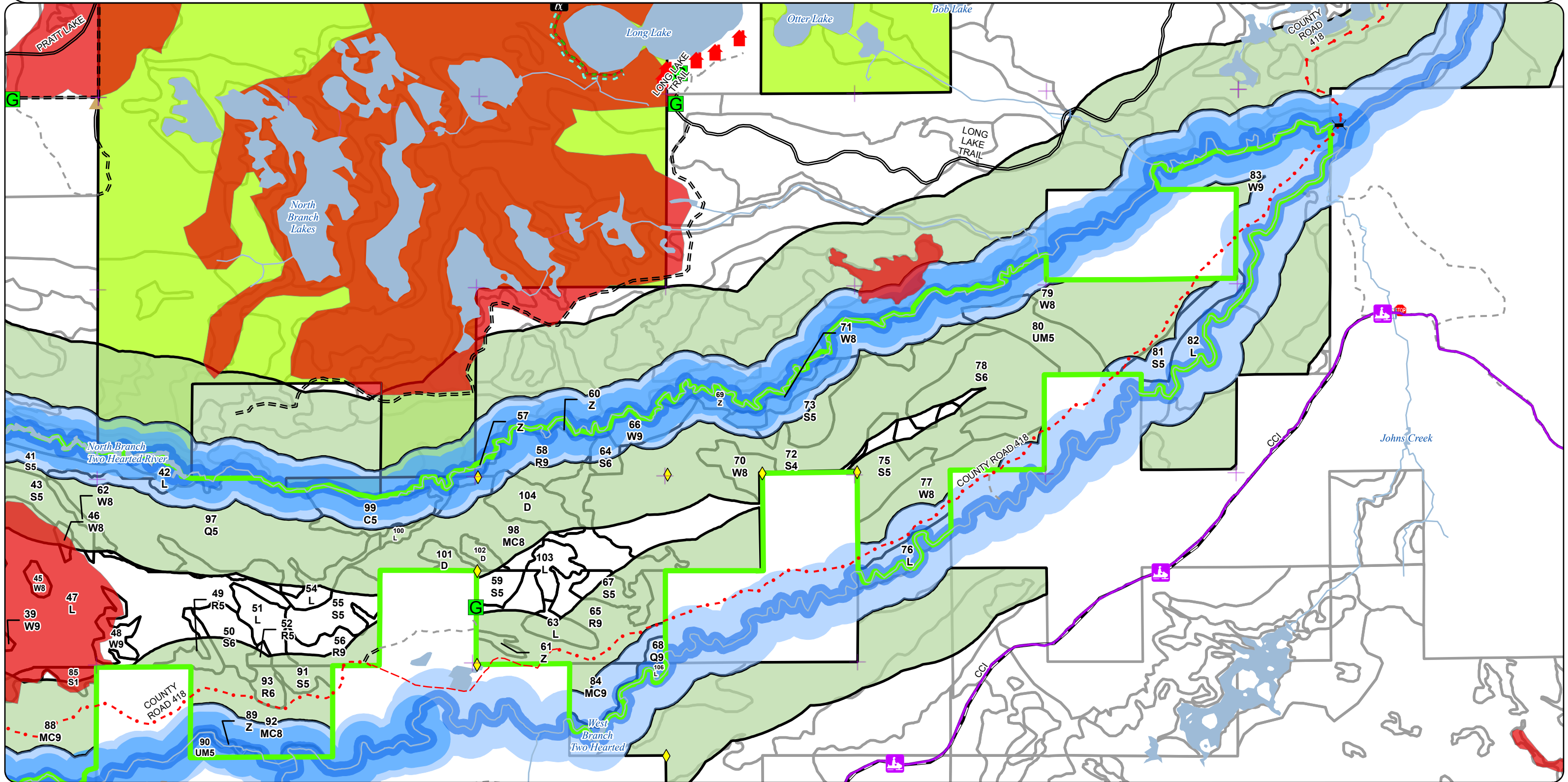
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- High Priority Trout Stream Buffer
- Recreational/Scenic Value Area
- Possible Type 2 Old Growth



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
Cedar	0	0	0	0	0	0	0	0	0	0	0	0	0	20	0	0	0	0	20
Lowland Conifers	0	0	0	0	0	0	0	0	0	0	0	0	172	0	0	0	0	0	172
Lowland Shrub	535	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	535
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	9	0	163	114	83	23	0	0	0	0	391
Natural Mixed Pines	0	0	0	0	0	0	0	0	0	0	0	212	0	14	0	0	0	0	225
Red Pine	0	0	0	0	0	0	0	0	0	0	0	27	79	39	0	0	0	0	144
Treed Bog	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32
Upland Mixed Forest	0	0	0	0	0	0	0	0	0	0	0	24	0	0	0	0	0	0	24
Water	115	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	115
White Pine	0	0	0	0	0	0	0	0	0	0	0	317	68	0	0	0	0	15	400
Total	682	0	0	0	0	0	0	0	9	0	163	694	402	96	0	0	0	15	2058

Report 2 – Treatment Summary

Newberry Mgt. Unit
Year of Entry: 2026

Acres of Harvest

Compartment 16
Total Compartment Acres: 2,060

Commercial Harvest -
Harvests with Site Condition - 245
Next Step Harvest - 0
Habitat Cut - 0

Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Oversory Removal	Salvage	Other	Total Acres
Lowland Spruce/Fir	42	0	0	0	0	0	0	0	0	42
Red Pine	0	0	0	0	0	60	0	0	0	60
Upland Mixed Forest	0	0	0	0	21	0	0	0	0	21
White Pine	0	0	0	0	0	122	0	0	0	122
Total	42	0	0	0	21	183	0	0	0	246

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	246	0	0	0	0	0	0	0	0	246
Total	246	0	0	0	0	0	0	0	0	246

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

83	42016083-Cut	43.3	42200 - Natural White Pine	9	114	111-140	Harvest	Thinning	4220 - Natural White Pine	Current	No
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Prescription Crown thinning. Thin stand to 80-100 BA. Leave component of larger red and white pine in the canopy. Leave component of other species present.

Specs: Concentrate leaving larger white pine along the river. Leave Larger diameter aspen for Pileated Woodpecker. 100' buffer along river shown on treatment. Follow Natural River Plan. Follow Natural Pine Guidance.

Next StepTreatments:Acceptable species present in the stand.Regen:OtherComment:Site Condition: Non-DNR agency concernsProposed Start Date: 10/01/2025

80	42016080-Cut	20.7	4311 - Pine, Aspen Mix	5	106	111-140	Harvest	Shelterwood	4319 - Mixed Upland Forest	Current	No
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Prescription Shelterwood with Reserves. Remove poor quality white pine and red maple and cut all aspen. Residual BA 50-60 sq ft total.Specs:

Leave some balsam fir, red maple, and paper birch for retention and cut remaining to reach basal area range.

Leave large aspen in areas with red pine.

Follow Natural River Plan.

Next StepTreatments:Acceptable mixed deciduous species.Regen:OtherComment:Site Condition: Non-DNR agency concernsProposed Start Date: 10/01/2025

79	42016079-Cut	78.8	42200 - Natural White Pine	8	102	111-140	Harvest	Thinning	4220 - Natural White Pine	Current	No
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Prescription Crown thinning. Thin stand to 80-100 BA. Leave component of larger white pine in the canopy. Leave component of other species present.Specs:

Concentrate leaving larger white pine along the river.

Leave larger diameter aspen for Pileated Woodpecker.

100' buffer along river shown on treatment.

Follow Natural River Plan.

Next StepTreatments:Acceptable species present in the stand.Regen:OtherComment:Site Condition: Non-DNR agency concernsProposed Start Date: 10/01/2025

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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
78 42016078-Cut	42.3	6122 - Black Spruce	6	105	111-140	Harvest	Clearcut	6122 - Black Spruce	Planting Record	No
<u>Prescription</u> Cut all Black Spruce. Leaved 1-3 white pine per acre. Cut in winter or dry summer. Buffer low wet areas 50-100 ft. Follow Natural River Plan (within 1/4 mile of river). <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> spruce & mixed lowland species. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> Non-DNR agency concerns <u>Proposed Start Date:</u> 10/01/2025										
65 42016065-Cut	46.4	42210 - Natural Red Pine	9	110	141-170	Harvest	Thinning	42210 - Natural Red Pine	Current	No
<u>Prescription</u> Thin stand to 80-100 BA. Leave component of larger red and white pine in the canopy. Leave all aspen and paper birch. Cut stand in winter or dry summer. Buffer low wet areas 50-100 ft. Follow Natural River Plan. Follow Natural Pine Guidance. <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> red pine <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> Non-DNR agency concerns <u>Proposed Start Date:</u> 10/01/2025										
56 42016056-Cut	14.0	42210 - Natural Red Pine	9	110	171-200	Harvest	Thinning	42210 - Natural Red Pine	Current	No
<u>Prescription</u> Crown Thinning. Thin stand to 80-100 BA. Leave component of larger red and white pine in the canopy. Leave a component of aspen and paper birch. Buffer stands along wet areas 50-100 ft. Follow Natural River Plan (within 1/4 mile of river). Follow Natural Pine Guidance. <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> red pine. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> Non-DNR agency concerns <u>Proposed Start Date:</u> 10/01/2025										

Total Treatment 245.5
Acreage Proposed:



Availability for Management

Total Acres	Acres Available	Acres Available With Condition	Acres Not Available	Dominant Site Conditions			
Acres	Available	With Condition	Not Available	1A	1B	3A	5D
20	0	0	20	Cedar	10	10	
172	0	0	172	Lowland Conifers	13	159	
528	0	0	529	Lowland Shrub	32	283	214
389	0	0	389	Lowland Spruce/Fir	15	365	9
219	0	0	219	Natural Mixed Pines	31	177	11
143	0	0	143	Red Pine	1	127	15
31	0	0	31	Treed Bog		25	6
24	0	0	24	Upland Mixed Forest	4	21	
113	8	0	105	Water	19	12	75
397	0	0	397	White Pine	19	331	48
2,038	8		2,030	Total Forested Acres	143	1,509	369
	0%		100%	Relative Percent			9

*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	329	Unspecified	Unspecified	Unspecified	Unspecified
Comments: ERA							
2	Unavailable	1B: Non-DNR agency concerns (e.g. USFS)	442	1A: Federal/State/Local Law	Unspecified	Unspecified	Unspecified
Comments: County Road 418 bridge is only rated for 5 tons. County has no plans of replacing bridge. Two Hearted River Natural River Plan							
3	Unavailable	1B: Non-DNR agency concerns (e.g. USFS)	79	2I: Survey needed	Unspecified	Unspecified	Unspecified
Comments: County Road 418 bridge is only rated for 5 tons. County has no plans of replacing bridge.							

Report 4 – Site Conditions



4	Unavailable	1B: Non-DNR agency concerns (e.g. USFS)	220	2I: Survey needed	Unspecified	Unspecified	Unspecified
Comments: County Road 418 bridge is only rated for 5 tons. County has no plans of replacing bridge.							
5	Unavailable	1B: Non-DNR agency concerns (e.g. USFS)	13	2I: Survey needed	Unspecified	Unspecified	Unspecified
Comments: County Road 418 bridge is only rated for 5 tons. County has no plans of replacing bridge.							
6	Unavailable	1B: Non-DNR agency concerns (e.g. USFS)	109	2I: Survey needed	Unspecified	Unspecified	Unspecified
Comments: County Road 418 bridge is only rated for 5 tons. County has no plans of replacing bridge.							
7	Unavailable	1B: Non-DNR agency concerns (e.g. USFS)	315	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	2I: Survey needed	2E: Road needed	Unspecified
Comments: County Road 418 bridge is only rated for 5 tons. County has no plans of replacing bridge.							
8	Unavailable	1B: Non-DNR agency concerns (e.g. USFS)	113	1A: Federal/State/Local Law	2I: Survey needed	Unspecified	Unspecified
Comments: Natural river management zone. County Road 418 bridge is only rated for 5 tons. County has no plans of replacing bridge.							
9	Unavailable	3A: Conservation values incompatible with harvest at this time	14	Unspecified	Unspecified	Unspecified	Unspecified
Comments: ERA							

Report 4 – Site Conditions

Newberry Mgt. Unit
Matt Payment: Examiner

Compartment: 16
Year of Entry: 2026



10	Unavailable	3A: Conservation values incompatible with harvest at this time	27	Unspecified	Unspecified	Unspecified	Unspecified
Comments: ERA							
11	Unavailable	1A: Federal/State/Local Law	21	2I: Survey needed	1B: Non-DNR agency concerns (e.g. USFS)	Unspecified	Unspecified
Comments: Natural river management zone. County Road 418 bridge is only rated for 5 tons. County has no plans of replacing bridge.							
12	Unavailable	1A: Federal/State/Local Law	2	1B: Non-DNR agency concerns (e.g. USFS)	Unspecified	Unspecified	Unspecified
Comments: County Road 418 bridge is only rated for 5 tons. County has no plans of replacing bridge. Natural river management zone							
13	Unavailable	1B: Non-DNR agency concerns (e.g. USFS)	1	2I: Survey needed	Unspecified	Unspecified	Unspecified
Comments: County Road 418 bridge is only rated for 5 tons. County has no plans of replacing bridge.							
14	Unavailable	1A: Federal/State/Local Law	25	1B: Non-DNR agency concerns (e.g. USFS)	Unspecified	Unspecified	Unspecified
Comments: County Road 418 bridge is only rated for 5 tons. County has no plans of replacing bridge.Two Hearted Natural River Plan							
15	Unavailable	1A: Federal/State/Local Law	15	Unspecified	Unspecified	Unspecified	Unspecified
Comments: County Road 418 bridge is only rated for 5 tons. County has no plans of replacing bridge.Two Hearted Natural River Plan							

Report 4 – Site Conditions

Newberry Mgt. Unit
Matt Payment: Examiner

Compartment: 16
Year of Entry: 2026



16	Unavailable	1A: Federal/State/Local Law	25	1B: Non-DNR agency concerns (e.g. USFS)	Unspecified	Unspecified	Unspecified
Comments: Two Hearted Natural River Plan County Road 418 bridge is only rated for 5 tons. County has no plans of replacing bridge. Two Hearted River Natural River Plan							
17	Unavailable	5D: Unproductive forest land	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
18	Unavailable	1B: Non-DNR agency concerns (e.g. USFS)	87	1A: Federal/State/Local Law	2I: Survey needed	Unspecified	Unspecified
Comments: Natural river management zone. County Road 418 bridge is only rated for 5 tons. County has no plans of replacing bridge.							
19	Unavailable	1A: Federal/State/Local Law	16	1B: Non-DNR agency concerns (e.g. USFS)	2I: Survey needed	Unspecified	Unspecified
Comments: Natural river management zone. County Road 418 bridge is only rated for 5 tons. County has no plans of replacing bridge.							
20	Unavailable	1B: Non-DNR agency concerns (e.g. USFS)	44	2I: Survey needed	Unspecified	Unspecified	Unspecified
Comments: Natural river management zone. County Road 418 bridge is only rated for 5 tons. County has no plans of replacing bridge.							
21	Unavailable	1A: Federal/State/Local Law	14	1B: Non-DNR agency concerns (e.g. USFS)	2I: Survey needed	Unspecified	Unspecified
Comments: Natural river management zone. County Road 418 bridge is only rated for 5 tons. County has no plans of replacing bridge.							

Report 4 – Site Conditions

Newberry Mgt. Unit
Matt Payment: Examiner

Compartment: 16
Year of Entry: 2026



23	Unavailable	1A: Federal/State/Local Law	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments: County Road 418 bridge is only rated for 5 tons. County has no plans of replacing bridge.							
24	Unavailable	1B: Non-DNR agency concerns (e.g. USFS)	103	Unspecified	Unspecified	Unspecified	Unspecified
Comments: County Road 418 bridge is only rated for 5 tons. County has no plans of replacing bridge.							
25	Unavailable	1A: Federal/State/Local Law	15	1B: Non-DNR agency concerns (e.g. USFS)	Unspecified	Unspecified	Unspecified
Comments: Two Hearted River Natural River Plan. County Road 418 bridge is only rated for 5 tons. County has no plans of replacing bridge.							
26	Unavailable	1A: Federal/State/Local Law	12	1B: Non-DNR agency concerns (e.g. USFS)	Unspecified	Unspecified	Unspecified
Comments: Two Hearted River Natural River Plan. County Road 418 bridge is only rated for 5 tons. County has no plans of replacing bridge.							
27	Unavailable	1B: Non-DNR agency concerns (e.g. USFS)	6	1A: Federal/State/Local Law	2I: Survey needed	Unspecified	Unspecified
Comments: Two Hearted River Natural River Plan. County Road 418 bridge is only rated for 5 tons. County has no plans of replacing bridge.							

Mgt. Unit

Compartment: #Type!

Year of Entry:

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

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
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Comments

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments				
1	500 - Water	Unspecified	4.9		Unspecified	No					
2	500 - Water	Unspecified	2.1		Unspecified	No					
3	622 - Lowland Shrub	Unspecified	16.0		Unspecified	No					
4	6122 - Black Spruce	Poletimber Medium	35.5	101	81-110	N/A	Stand is heavy to Black Spruce and White Cedar. Stand is old and dying out it places.				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	Previous Inventory suggests that it is possible old growth. Access is difficult due to low wet ground and CR. 418 bridge weight restriction.	
Tamarack		15	Seedling	8		Balsam Fir	Medium	5 - 10 feet	5 - 10 feet		
Paper Birch		5	Seedling	6		Black Spruce	Medium	5 - 10 feet	5 - 10 feet		
Black Spruce		50	Seedling	8	101	Northern White Cedar	Low	5 - 10 feet	5 - 10 feet		
Northern White Cedar		30	Seedling	6							
5	622 - Lowland Shrub	Unspecified	9.7		Unspecified	No					
6	42210 - Natural Red Pine	Sawtimber Medium	13.7	101	141-170	N/A				A ridge of red pine and white pine, heavier white pine to the south end. The red pine is utility pole size along the ridge. Some aspen, balsam fir, and paper birch scattered throughout the stand. Potential old growth in the stand.	
Canopy Species		% Cover	Size Class	DBH	Age						
Red Pine		60		16	101						
White Pine		30		16							
Quaking Aspen		10	Seedling	10							
7	42200 - Natural White Pine	Sawtimber Medium	4.7	104	81-110	N/A				Whie and red pine mixed with aspen and red maple. An isolated stand with multiple lightning scars.Small amount of paper birch present.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	Remote access surrounded by low wet and private ground.	
White Pine		70		12	104	Black Spruce	Medium	5 - 10 feet	5 - 10 feet		
Quaking Aspen		3	Seedling	8		Balsam Fir	Medium	5 - 10 feet	5 - 10 feet		
Red Maple		10	Seedling	8							
Paper Birch		2	Seedling	6							
Red Pine		15		16							
9	6129 - Mixed Coniferous Lowland Forest	Poletimber Poor	55.0	111	81-110	N/A				Stand consists of varying conifer species and a few select deciduous species. Stand is low and wet in many places.	
Canopy Species		% Cover	Size Class	DBH	Age						
Black Spruce		40	Seedling	7	111						
Northern White Cedar		30	Seedling	8							
Tamarack		15	Seedling	7							
Red Maple		10	Seedling	8							
Paper Birch		5	Seedling	7							

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
10	42290 - Natural Mixed Pine	Sawtimber Well	14.3	123	111-140	N/A	This stand has evidence of a high intensity fire. There are many large burnt stumps and standing snags present throughout the stand. The dominate cover type is White/Red pine. MNFI identifies an element community of Dry-mesic Northern Forest that overlays the majority of this stand.
		Canopy Species	% Cover	Size Class	DBH	Age	
		Red Pine	40		16	123	
		Red Maple	4	Sapling	6		
		Paper Birch	8		8		
		Bigtooth Aspen	8		10		
		White Pine	40		16		
		Sub-Canopy Species	Density	Avg. Height	Size		
		Black Spruce	Medium	Variable	Variable		
		Balsam Fir	Medium	Variable	Variable		
		White Pine	Low	Variable	Variable		
11	622 - Lowland Shrub	Unspecified	6.9		Unspecified	No	
12	42200 - Natural White Pine	Sawtimber Medium	5.4	110	171-200	N/A	Large overstory white pine with smaller red pine mixed within. Stand is an isolated island with remote access. Access issues with CR 418 bridge weight limit.
		Canopy Species	% Cover	Size Class	DBH	Age	
		Red Pine	20	Seedling	10		
		White Pine	80		16	110	
		Sub-Canopy Species	Density	Avg. Height	Size		
		White Pine	Low	Variable	Variable		
		Leatherleaf	Medium	< 5 feet	< 5 feet		
13	622 - Lowland Shrub	Unspecified	20.2		Unspecified	No	
14	622 - Lowland Shrub	Unspecified	19.8		Unspecified	No	
15	622 - Lowland Shrub	Unspecified	2.3		Unspecified	No	
16	622 - Lowland Shrub	Unspecified	14.9		Unspecified	No	
17	500 - Water	Unspecified	8.7		Unspecified	No	
18	6224 - Treed Bog	Unspecified	6.4		Unspecified	No	
19	42200 - Natural White Pine	Sawtimber Well	14.7	102	141-170	N/A	Log size pine stand with remote access to the stand. Located near ERA and natural rivers.
		Canopy Species	% Cover	Size Class	DBH	Age	
		White Pine	80		14	102	
		Red Maple	10		11		
		Paper Birch	10	Seedling	8		
		Sub-Canopy Species	Density	Avg. Height	Size		
		Balsam Fir	Medium	5 - 10 feet	5 - 10 feet		
		Red Maple	Medium	< 5 feet	< 5 feet		
		White Pine	Low	< 5 feet	< 5 feet		
20	622 - Lowland Shrub	Unspecified	2.0		Unspecified	No	

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																						
21	42200 - Natural White Pine	Sawtimber Well	30.6	100	171-200	N/A	Isolated island with cedar along edges of the ridge. No access, surrounded by low wet ground and falls in the Two Hearted River Plan.																																																						
<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>70</td><td></td><td>12</td><td>100</td></tr><tr><td>Paper Birch</td><td>5</td><td>Seedling</td><td>8</td><td></td></tr><tr><td>Red Pine</td><td>20</td><td>Seedling</td><td>10</td><td></td></tr><tr><td>Black Spruce</td><td>5</td><td>Seedling</td><td>6</td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	White Pine	70		12	100	Paper Birch	5	Seedling	8		Red Pine	20	Seedling	10		Black Spruce	5	Seedling	6																														
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22	622 - Lowland Shrub	Unspecified	11.9		Unspecified	No																																																							
23	622 - Lowland Shrub	Unspecified	15.7		Unspecified	No																																																							
24	500 - Water	Unspecified	21.4		Unspecified	No																																																							
26	500 - Water	Unspecified	16.6		Unspecified	No																																																							
27	622 - Lowland Shrub	Unspecified	162.7		Unspecified	No																																																							
28	42200 - Natural White Pine	Sawtimber Medium	97.2	104	171-200	N/A	Some scattered aspen throughout stand along with some paper birch. White pine in the stand are large and limby.																																																						
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Red Maple</td><td>8</td><td>Seedling</td><td>8</td><td></td><td>Black Spruce</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Black Spruce</td><td>2</td><td>Sapling</td><td>6</td><td></td><td>White Pine</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Red Pine</td><td>20</td><td></td><td>14</td><td></td><td>Balsam Fir</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Quaking Aspen</td><td>10</td><td></td><td>10</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>White Pine</td><td>60</td><td></td><td>16</td><td>104</td><td></td><td></td><td></td><td></td></tr></table>							Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	8	Seedling	8		Black Spruce	Medium	5 - 10 feet	5 - 10 feet	Black Spruce	2	Sapling	6		White Pine	Low	5 - 10 feet	5 - 10 feet	Red Pine	20		14		Balsam Fir	Medium	5 - 10 feet	5 - 10 feet	Quaking Aspen	10		10						White Pine	60		16	104					Access is through Michigan Nature Conservancy. Stand falls within natural river plan.
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size																																																					
Red Maple	8	Seedling	8		Black Spruce	Medium	5 - 10 feet	5 - 10 feet																																																					
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29	622 - Lowland Shrub	Unspecified	3.5		Unspecified	No																																																							
30	622 - Lowland Shrub	Unspecified	1.1		Unspecified	No																																																							
31	500 - Water	Unspecified	30.8		Unspecified	No																																																							
32	6122 - Black Spruce	Poletimber Well	22.5	120	Unspecified	N/A	Remote stand with no easy access, and the timber quality is very poor. A few paper birch scattered throughout the stand.																																																						
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>White Pine</td><td>5</td><td></td><td>12</td><td></td><td>Balsam Fir</td><td>High</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Tamarack</td><td>5</td><td>Seedling</td><td>7</td><td></td><td>Tag Alder</td><td>Medium</td><td>Variable</td><td>Variable</td></tr><tr><td>Black Spruce</td><td>70</td><td>Seedling</td><td>7</td><td>120</td><td>Black Spruce</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Northern White Cedar</td><td>20</td><td>Seedling</td><td>8</td><td></td><td>Northern White Cedar</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>							Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	White Pine	5		12		Balsam Fir	High	5 - 10 feet	5 - 10 feet	Tamarack	5	Seedling	7		Tag Alder	Medium	Variable	Variable	Black Spruce	70	Seedling	7	120	Black Spruce	Medium	5 - 10 feet	5 - 10 feet	Northern White Cedar	20	Seedling	8		Northern White Cedar	Medium	5 - 10 feet	5 - 10 feet	Falls in the Natural River plan.									
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size																																																					
White Pine	5		12		Balsam Fir	High	5 - 10 feet	5 - 10 feet																																																					
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments			
33	6224 - Treed Bog	Unspecified	2.9		Unspecified	No				
34	622 - Lowland Shrub	Unspecified	22.5		Unspecified	No				
35	42210 - Natural Red Pine	Sawtimber Well	38.5	122	171-200	N/A	Some red oak along the ridge that is the stand along with some aspen and paper birch that is dying out. There is an old road through the stand, but it is hard to access due to some low wet areas and large sand hills.			
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
	Red Pine	85		14	122	Black Spruce		Low	< 5 feet	< 5 feet
	White Pine	15	Seedling	10		White Pine		Low	< 5 feet	< 5 feet
36	6122 - Black Spruce	Poletimber Well	6.3	110	141-170	N/A	A remote stand that needs a road to it. Some mixed red maple along edges of the stand. Natural River plan applies. CR 418 bridge weight limit applies as well.			
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
	White Pine	10	Seedling	10		Balsam Fir		Medium	5 - 10 feet	5 - 10 feet
	Red Maple	5	Sapling	7		Black Spruce		Medium	5 - 10 feet	5 - 10 feet
	Black Spruce	85	Seedling	7	110	Red Maple	Low	5 - 10 feet	5 - 10 feet	
37	622 - Lowland Shrub	Unspecified	19.1		Unspecified	No				
38	622 - Lowland Shrub	Unspecified	6.2		Unspecified	No				
39	42200 - Natural White Pine	Sawtimber Well	45.7	109	141-170	N/A	Stand is a ridge which consists of decent white and red pine mixed with paper birch, red maple, and black spruce. Stand has large rolling hills it.			
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
	White Pine	70		15	109	Red Maple		Medium	5 - 10 feet	5 - 10 feet
	Paper Birch	5	Seedling	8		Black Spruce		High	5 - 10 feet	5 - 10 feet
	Black Spruce	5	Seedling	6						
	Red Pine	20		14						
40	500 - Water	Unspecified	3.3		Unspecified	No				
41	6122 - Black Spruce	Poletimber Medium	14.4	108	Unspecified	N/A	Stand is a very low wet area that has very thick timber. Access would be very difficult.			
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
	White Pine	5	Seedling	10		Black Spruce		Medium	5 - 10 feet	5 - 10 feet
	Red Maple	15	Seedling	7		Northern White Cedar		Medium	5 - 10 feet	5 - 10 feet
	Paper Birch	10	Seedling	6						
	Black Spruce	50	Seedling	8	108					
	Northern White Cedar	20	Sapling	8						
42	622 - Lowland Shrub	Unspecified	18.4		Unspecified	No				

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																					
43	6122 - Black Spruce	Poletimber Medium	12.1	102	111-140	N/A	Stand appears to be stunted, with some tree mortality. Stand is a mixed bag of lowland conifers with scattered red maple and paper birch throughout.																																					
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47	622 - Lowland Shrub	Unspecifed	111.8		Unspecified	No																																						
48	42200 - Natural White Pine	Sawtimber Well	8.1	115	141-170	N/A	Island of white pine surrounded by low wet ground. Difficult to access. Some scattereed red pine throughout the stand. The paper birch is dying out in the stand.																																					
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49	42210 - Natural Red Pine	Poletimber Medium	6.0	107	141-170	N/A	This stand is a small ridge of timber with no access because being surrounded by low wet ground.																																					
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50	6122 - Black Spruce	Poletimber Well	11.6	97	81-110	N/A	Stand is dominantly black spruce with some tamarack scatered throughout. Low basal areas in and around some of the openings within the stand.																																					
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Tamarack</td><td>10</td><td>Seedling</td><td>8</td><td></td></tr><tr><td>Black Spruce</td><td>90</td><td>Seedling</td><td>7</td><td>97</td></tr></table>						Canopy Species		% Cover	Size Class	DBH	Age	Tamarack	10	Seedling	8		Black Spruce	90	Seedling	7	97	<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 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Black Spruce</td><td>Medium</td><td>< 5 feet</td><td>< 5 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Tamarack	Low	5 - 10 feet	5 - 10 feet	Black Spruce	Medium	< 5 feet	< 5 feet									
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51	622 - Lowland Shrub	Unspecified	10.9		Unspecified	No																																						

Stand	Level 4 Cover Type	Size Density		Acres	Stand Age	BA Range	Managed Site	General Comments																																						
52	42210 - Natural Red Pine	Poletimber Medium		1.8	107	111-140	N/A	Stand is a ridge of nice red pine. Some scattered paper birch in stand with a small amount of red maple.																																						
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54	622 - Lowland Shrub	Unspecified		15.8		Unspecified	No																																							
55	6122 - Black Spruce	Poletimber Medium		17.5	110	81-110	N/A	Stand is very low and wet. It has some white pine scattered throughout. Very tough access.CR 418 bridge weight restrictions.																																						
<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>68</td><td>Seedling</td><td>8</td><td>110</td></tr><tr><td>Northern White Cedar</td><td>10</td><td>Seedling</td><td>7</td><td></td></tr><tr><td>Red Maple</td><td>15</td><td>Sapling</td><td>6</td><td></td></tr><tr><td>Paper Birch</td><td>5</td><td>Seedling</td><td>8</td><td></td></tr><tr><td>Yellow Birch</td><td>2</td><td>Seedling</td><td>7</td><td></td></tr></table>				Canopy Species	% Cover	Size Class	DBH	Age	Black Spruce	68	Seedling	8	110	Northern White Cedar	10	Seedling	7		Red Maple	15	Sapling	6		Paper Birch	5	Seedling	8		Yellow Birch	2	Seedling	7		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Black Spruce</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>				Sub-Canopy Species	Density	Avg. Height	Size	Black Spruce	Medium	5 - 10 feet	5 - 10 feet	
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Black Spruce	Medium	5 - 10 feet	5 - 10 feet																																											
56	42210 - Natural Red Pine	Sawtimber Well		14.0	110	171-200	N/A	Stand is along a steep ridge with poor access. There is some very nice utility pole sized red pine in the stand. There is some aspen and paper birch present but appears to be dying out.																																						
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57	500 - Water	Unspecified		2.1		Unspecified	No																																							
58	42210 - Natural Red Pine	Sawtimber Well		18.6	110	201+	N/A	This stand is difficult to access due to surrounding private and the Natural River Plan.																																						
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59	6122 - Black Spruce	Poletimber Medium		6.2	110	81-110	N/A																																							
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60	500 - Water	Unspecified		2.6		Unspecified	No																																							
61	500 - Water	Unspecified		2.4		Unspecified	No																																							

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																		
62	42200 - Natural White Pine	Sawtimber Medium	4.0	114	111-140	N/A	Acquired in 2018 as part of TNC trade.																																																		
63	622 - Lowland Shrub	Unspecifed	7.5		Unspecified	No																																																			
64	6122 - Black Spruce	Poletimber Well	4.5	110	81-110	N/A	Stand is next to the Two Hearted river and access is through private property. Surrounded by a treed bog.																																																		
Follow Natural River Plan.																																																									
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65	42210 - Natural Red Pine	Sawtimber Well	46.4	110	141-170	N/A	Some paper birch and aspen present in the stand but is beginning to die out. The stand a ridge surrounded by a treed bog.																																																		
Access remote due to weight retriction																																																									
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White Pine	Low	Variable	Variable																																																						
66	42200 - Natural White Pine	Sawtimber Well	9.8	105	141-170	N/A	Stand has some scattered aspen in it dying out. Stand is surrounded by low wet ground making access difficult. Access would be through private and it is near the Two Hearted River.																																																		
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67	6122 - Black Spruce	Poletimber Medium	9.9	101	111-140	N/A	Mixed spruce stand with few islands of red and white pine. Portions fall in the natural river plan.																																																		
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Red Pine	10		14																																																						
68	6127 - Lowland Pine	Sawtimber Well	2.1	117	81-110	N/A	Thick understory along the river consisting mainly of black spruce and balsam fir. Stand is comprised of coniferous species with yellow birch and red maple as well. Low wet ground within stand makes for hard access. Stand is also located at the base of a ridge.																																																		
<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>50</td><td></td><td>14</td><td>117</td></tr><tr><td>Red Maple</td><td>10</td><td>Seedling</td><td>8</td><td></td></tr><tr><td>Black Spruce</td><td>25</td><td>Seedling</td><td>6</td><td></td></tr><tr><td>Northern White Cedar</td><td>10</td><td>Seedling</td><td>8</td><td></td></tr><tr><td>Yellow Birch</td><td>5</td><td></td><td>10</td><td></td></tr></table> <table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Red Maple</td><td>Medium</td><td>Variable</td><td>Variable</td></tr><tr><td>Tag Alder</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Black Spruce</td><td>Medium</td><td>Variable</td><td>Variable</td></tr><tr><td>Balsam Fir</td><td>High</td><td>Variable</td><td>Variable</td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	White Pine	50		14	117	Red Maple	10	Seedling	8		Black Spruce	25	Seedling	6		Northern White Cedar	10	Seedling	8		Yellow Birch	5		10		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Medium	Variable	Variable	Tag Alder	Low	5 - 10 feet	5 - 10 feet	Black Spruce	Medium	Variable	Variable	Balsam Fir	High	Variable	Variable
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69	500 - Water	Unspecifed	8.3		Unspecified	No																																																			

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments			
70	42200 - Natural White Pine	Sawtimber Medium	9.8	108	141-170	N/A	Stand is an island in the middle of a treed bog. There is some white cedar scattered throughout the stand. Difficult access.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
White Pine		75		16	108	Balsam Fir		Medium	5 - 10 feet	5 - 10 feet
Red Pine		10		10		Black Spruce		Medium	5 - 10 feet	5 - 10 feet
Black Spruce		15	Seedling	7						
71	42200 - Natural White Pine	Sawtimber Medium	7.8	112	111-140	N/A	Island of white pine with black spruce along river. Low wet ground. No or difficult access through private.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Red Pine		10		10		Black Spruce		Medium	5 - 10 feet	5 - 10 feet
Black Spruce		15	Seedling	6		Northern White Cedar		Medium	Variable	Variable
White Pine		75		15	112					
72	6122 - Black Spruce	Poletimber Poor	146.3	91	1-50	N/A				
Canopy Species		% Cover	Size Class	DBH	Age					
Black Spruce		60	Sapling	5	91					
Northern White Cedar		15	Sapling	7						
Red Maple		5	Sapling	6						
Tamarack		10	Sapling	6						
White Pine		10		16						
73	6122 - Black Spruce	Poletimber Medium	16.1	110	81-110	N/A	Ground is extremely wet and there is no access to the stand. Stand is solely black spruce.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Black Spruce		100	Seedling	7	110	Balsam Fir		Low	5 - 10 feet	5 - 10 feet
						Black Spruce		Medium	5 - 10 feet	5 - 10 feet
74	6129 - Mixed Coniferous Lowland Forest	Poletimber Poor	11.8	111	81-110	N/A	Stand consists of varying conifer species and a few select deciduous species. Stand is low and wet in many places.			
Canopy Species		% Cover	Size Class	DBH	Age					
Tamarack		15	Seedling	7						
Black Spruce		40	Seedling	7	111					
Northern White Cedar		30	Seedling	8						
Red Maple		10	Seedling	8						
Paper Birch		5	Seedling	7						
75	6122 - Black Spruce	Poletimber Medium	18.3	110	81-110	N/A	Wet stand of black spruce. Very sparse white pine scattered throughout the stand.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Black Spruce		100	Seedling	8	110	Black Spruce		Medium	Variable	Variable
76	6220 - Alder/Willow	Unspecified	7.6		Unspecified	No	Two Hearted River flood plain.			

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
77	42200 - Natural White Pine	Sawtimber Medium	36.2	107	81-110	N/A	Some scattered paper birch scattered throughout stand comprised mainly of white pine.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce		5	Seedling	6		Red Maple	Medium	5 - 10 feet	5 - 10 feet
Quaking Aspen		5	Seedling	8		Black Spruce	Medium	Variable	Variable
White Pine		75		12	107				
Red Maple		15	Seedling	9					
78	6122 - Black Spruce	Poletimber Well	42.3	105	111-140	N/A	Stand is in low wet area. There is some scattered white pine mixed in.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine		10		12		Balsam Fir	Medium	5 - 10 feet	5 - 10 feet
Black Spruce		90	Seedling	8	105	Red Maple	Low	5 - 10 feet	5 - 10 feet
						Black Spruce	Medium	5 - 10 feet	5 - 10 feet
79	42200 - Natural White Pine	Sawtimber Medium	78.8	102	111-140	N/A	There is good diversity in this stand. Some scattered black cherry and jack pine in the stand.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen		5	Seedling	9		Black Spruce	Medium	5 - 10 feet	5 - 10 feet
Black Spruce		5	Seedling	6		Northern White Cedar	Low	5 - 10 feet	5 - 10 feet
White Pine		80		11	102	Red Maple	Low	Variable	Variable
Red Maple		10	Seedling	9		Balsam Fir	Medium	5 - 10 feet	5 - 10 feet
80	4311 - Pine, Aspen Mix	Poletimber Medium	20.7	106	111-140	N/A	Strip of aspen within an area of white pine. White pine is limby and of poor quality. Aspen is in good shape and has not appeared to being dying out yet.		
Canopy Species		% Cover	Size Class	DBH	Age				
Balsam Fir		10	Seedling	7					
White Pine		45		12	106				
Red Maple		5	Seedling	7					
Paper Birch		10	Seedling	8					
Quaking Aspen		30	Seedling	8					
81	6122 - Black Spruce	Poletimber Medium	13.5	111	81-110	N/A	Mixed stand with some small amounts of paper birch and white cedar scattered throughout. Stand looks old and appears to be dying out.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Tamarack		30	Seedling	7		Balsam Fir	Medium	Variable	Variable
Black Spruce		60	Seedling	8	111	Tamarack	Medium	Variable	Variable
Northern White Cedar		5	Seedling	8		Black Spruce	Medium	Variable	Variable
Red Maple		5	Seedling	8					
82	6220 - Alder/Willow	Unspecified	10.4		Unspecified	No	Stand is in the flood plain of the river and has some larger diameter trees in it but is comprised mainly of Tag Alder along the river bottom.		

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
83	42200 - Natural White Pine	Sawtimber Well	43.3	114	111-140	N/A	White pine in the stand have poor form and are limby and brushy. Some scattered red pine along the river. There is aspen and paper birch present and dying out. CR 418 bridge weight restrictions and Natural River Plan.
<div>Canopy Species% CoverSize ClassDBH Age</div>			<div>Sub-Canopy SpeciesDensityAvg. HeightSize</div>				
<div>Red Pine2Seedling14</div>			<div>Balsam FirHighVariableVariable</div>				
<div>Black Spruce15Seedling7</div>			<div>Black SpruceMedium5 - 10 feet5 - 10 feet</div>				
<div>White Pine70</div>			<div>Red MapleMediumVariableVariable</div>				
<div>Red Maple3</div>							
<div>Balsam Fir10Pole5</div>							
84	42290 - Natural Mixed Pine	Sawtimber Well	13.9	106	81-110	N/A	Acquired in 2018 as part of TNC trade.
85	6122 - Black Spruce	Sapling Poor	9.0	76	1-50	N/A	Acquired in 2018 as part of TNC trade.
86	500 - Water	Unspecifed	4.5		Unspecified	No	Acquired in 2018 as part of TNC trade.
87	500 - Water	Unspecifed	3.5		Unspecified	No	Acquired in 2018 as part of TNC trade.
88	42290 - Natural Mixed Pine	Sawtimber Well	103.2	106	111-140	N/A	Acquired in 2018 as part of TNC trade.
89	500 - Water	Unspecifed	3.8		Unspecified	No	Acquired in 2018 as part of TNC trade.
90	4319 - Mixed Upland Forest	Poletimber Medium	3.7	106	81-110	N/A	Acquired in 2018 as part of TNC trade.
91	6122 - Black Spruce	Poletimber Medium	5.2	96	81-110	N/A	Acquired in 2018 as part of TNC trade.
92	42290 - Natural Mixed Pine	Sawtimber Medium	39.1	106	81-110	N/A	Acquired in 2018 as part of TNC trade.
93	42210 - Natural Red Pine	Poletimber Well	4.7	106	111-140	N/A	Acquired in 2018 as part of TNC trade.
95	6129 - Mixed Coniferous Lowland Forest	Poletimber Poor	9.6	111	81-110	N/A	Stand consists of varying conifer species and a few select deciduous species. Stand is low and wet in many places.
<div>Canopy Species% CoverSize ClassDBH Age</div>							
<div>Tamarack15Seedling7</div>							
<div>Red Maple10Seedling8</div>							
<div>Paper Birch5Seedling7</div>							
<div>Black Spruce40Seedling7</div>			111				
<div>Northern White Cedar30Seedling8</div>							

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																								
97	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Medium	94.0	111	81-110	N/A	Acquired in 2018 as part of TNC trade. Mixed stand lowland conifers with mixed deciduous species. Wet ground and falls in the Natural River zone. Access is difficult with no roads present into the stand.																																								
<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>10</td><td></td><td>14</td><td></td></tr><tr><td>Red Maple</td><td>20</td><td>Sapling</td><td>7</td><td></td></tr><tr><td>Yellow Birch</td><td>5</td><td></td><td>10</td><td></td></tr><tr><td>Balsam Fir</td><td>15</td><td>Seedling</td><td>6</td><td></td></tr><tr><td>Black Spruce</td><td>20</td><td>Sapling</td><td>7</td><td></td></tr><tr><td>Northern White Cedar</td><td>25</td><td>Seedling</td><td>9</td><td>111</td></tr><tr><td>Hemlock</td><td>5</td><td></td><td>15</td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	White Pine	10		14		Red Maple	20	Sapling	7		Yellow Birch	5		10		Balsam Fir	15	Seedling	6		Black Spruce	20	Sapling	7		Northern White Cedar	25	Seedling	9	111	Hemlock	5		15	
Canopy Species	% Cover	Size Class	DBH	Age																																											
White Pine	10		14																																												
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Northern White Cedar	25	Seedling	9	111																																											
Hemlock	5		15																																												
98	42290 - Natural Mixed Pine	Sawtimber Medium	55.4	106	51-80	N/A	Acquired in 2018 as part of TNC trade.																																								
99	6120 - Lowland Cedar	Poletimber Medium	19.8	120	51-80	N/A	Acquired in 2018 as part of TNC trade.																																								
100	622 - Lowland Shrub	Unspecified	6.3		Unspecified	No	Acquired in 2018 as part of TNC trade.																																								
101	6224 - Treed Bog	Unspecified	4.2	0	Unspecified	No	Acquired in 2018 as part of TNC trade.																																								
102	6224 - Treed Bog	Unspecified	3.6		Unspecified	No	Acquired in 2018 as part of TNC trade.																																								
103	622 - Lowland Shrub	Unspecified	7.9		Unspecified	No	Acquired in 2018 as part of TNC trade.																																								
104	6224 - Treed Bog	Unspecified	14.6		Unspecified	No	Acquired in 2018 as part of TNC trade.																																								
106	622 - Lowland Shrub	Unspecified	4.3		Unspecified	No	Acquired in 2018 as part of TNC trade.																																								