

Compartment Review Presentation

Newberry Forest Management Unit

Compartment 42026

Entry Year: 2027

Acreage: 1,651

County: Luce

Management Area: Grand Marais Moraine Complex

Stand Examiner: Anthony Ciaramitaro

Legal Description:

T49N R10W Sections 19-22, 29 & 30

Identified Planning Goals:

To maintain and enhance forest health and diversity while incorporating recreational and wildlife concerns.

Soil and topography:

The majority of the compartment is rolling uplands on Rubicon sand. Other minor associated soils are Wallace sand; Carbondale, Lupton, and Tawas soils; and Croswell-Spot complex. The low bog areas are predominantly Dawson, Greenwood, and Loxley soils.

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

The compartment is wholly State owned lands. State lands surround most of the compartment with the exception of small private parcels on the north side of Perch Lake, and private parcels along the southern border. Larger ownerships include The Nature Conservancy, Escanaba Timberlands and Heartwood Forestlands.

Unique Natural Features:

MNFI has identified the potential for several species of threatened and endangered flora and fauna.

Archeological, Historical, and Cultural Features:

Several historical and prehistorical sites exist, see locked comments and compartment file for more information.

Special Management Designations or Considerations:

The Two-Hearted River is designated as a Natural River with special management guidelines to follow. Some adjacent acreage is covered by a conservation easement.

Watershed and Fisheries Considerations:

Fisheries Concerns: The Two-Hearted River flows through this compartment along its southern edges. The Two-Hearted is designated as a Natural River, and contains runs of Steelhead, Chinook and Coho Salmon, and also contains a resident native Brook Trout population. This waterbody is one of the most popular fisheries in the Eastern Lake Superior watershed, and the all Natural River Plan best management practices should apply to any treatments considered along the river corridor. A natural vegetation strip 100 feet wide bordering each side of the river shall be adhered to.

Wildlife Habitat Considerations:

Compartment 26- This compartment is located in northern Luce county and is in the Grand Marais Moraine Complex Management Area. The Two-hearted river makes up portions of the southern boundary of the compartment. The eastern portion of this compartment has excellent vegetative diversity and is comprised of red and white pine, aspen, hardwoods, hemlock and spruce along the river corridor. The western portion is less diverse and is largely red and jack pine. There is an oak component throughout much of the pine stands in the compartment. Hemlock will be left in harvested stands to promote structural and habitat diversity of stands and retention and promotion of oak as a mast source will aid in achieving wildlife objectives. Wildlife travel corridors in this compartment should be abundant. Wildlife species likely to use this compartment include black bear, white-tailed deer, moose, gray wolf, fisher, marten, and otter and mink. Featured species include Blackburnian warbler, black throated blue warbler, American marten, Kirtland's warbler, red crossbill, spruce grouse, ruffed grouse and white-tailed deer.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of lacustrine sand and gravel and minor end moraine of coarse-textured till. There is insufficient data to determine the glacial drift thickness (~ >50 feet). The Cambrian Munising Group and Precambrian Jacobsville Sandstone subcrop below the glacial drift. The Jacobsville has been used as a building stone in the past. There are no gravel pits in the area, but there may be some potential. There is no economic oil and gas production in the UP.

Vehicle Access:

The compartment borders County Road 407, an all season road, and County Road 410, a good gravel road. Interior roads

are mostly poor sand two-tracks.

Survey Needs:

None needed.

Recreational Facilities and Opportunities:

High Bridge State Forest Campground is located in the southwest corner of the compartment. The Two-Hearted ORV trail and snowmobile trail #8 cross the compartment.

Fire Protection:

The Compartment is part of the Two Hearted Zone Dispatch Area. The road and fire lane system provides adequate access for fire suppression activities. The scattered marsh, bog and lowland brush areas may impact fire suppression efforts. Private property in section 29 could be at risk because of continuous Jack Pine cover type in sections 29 and 30.

Additional Compartment Information:

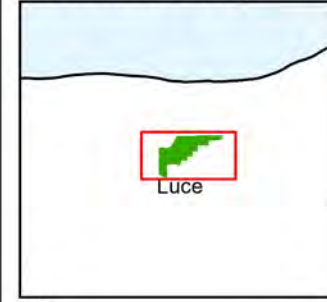
The following reports from the Inventory are attached:

- 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**

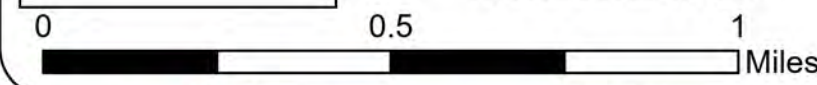
The following information is displayed, where pertinent, on the attached compartment maps:

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

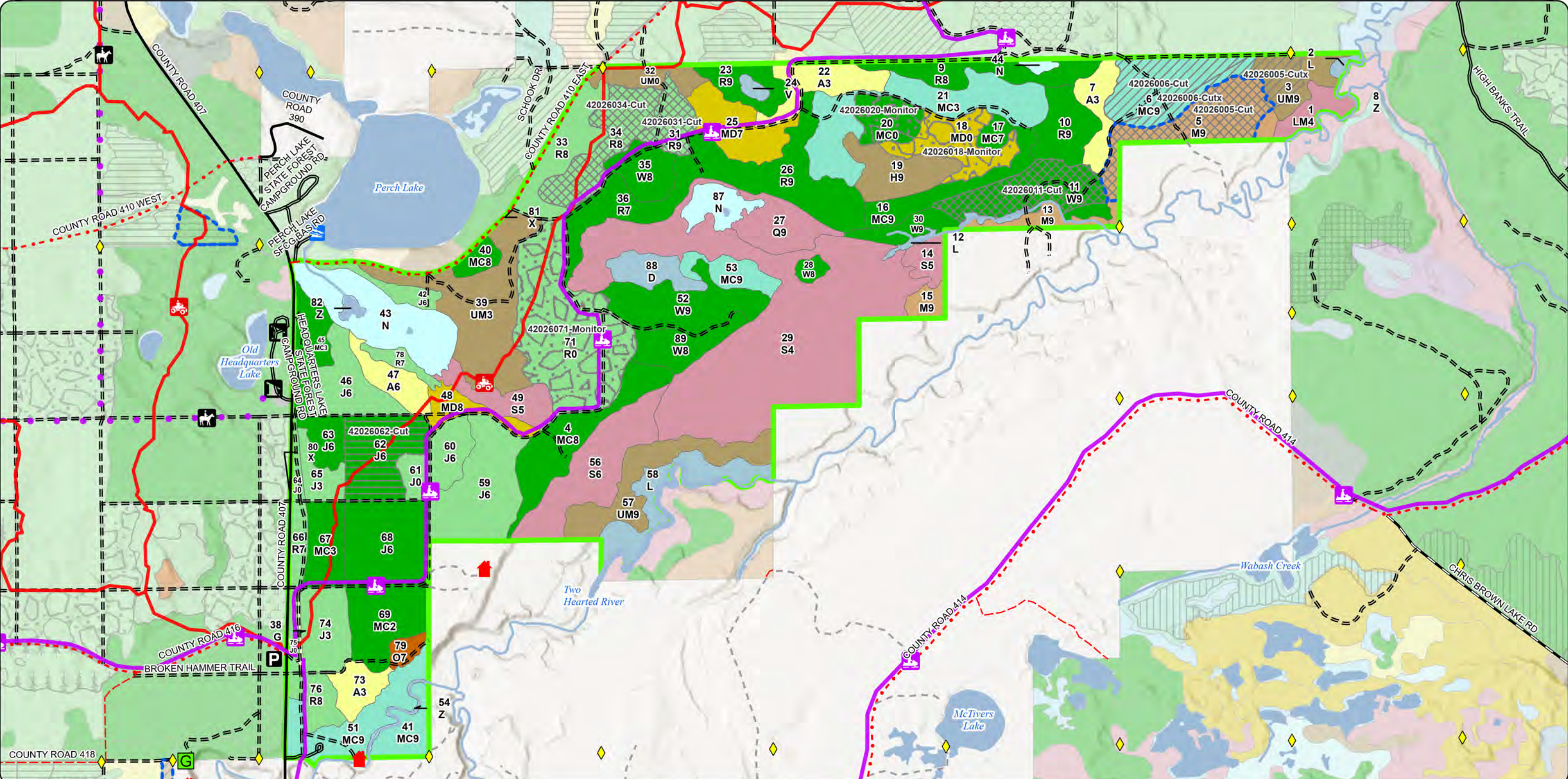
Cover Type & Treatments Map



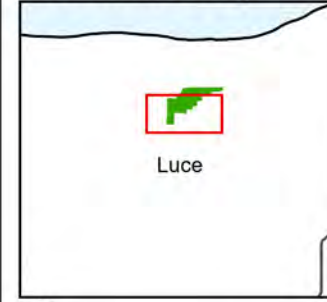
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 County: Luce
 Unit: Newberry
 Mgmt. Area: Grand Marais Moraine Complex
 YOE: 2027
 Acres: 1,651 GIS Calculated
 Examiner: Anthony Ciaramitaro
 Date Exported: 2/23/2026
 Map Phase: Post Review



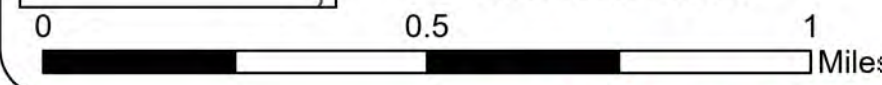
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- Cabin
- Toilet
- Parking Lot
- Boating Access Site
- Gate Gate
- Designated Equestrian Trails
- Designated ATV Trails
- Designated Snowmobile
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- Private - Dirt / Gravel Road
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- Treatments with Site Conditions
- Clearcut
- Selection
- Thinning
- Monitoring - Regeneration
- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 500 - Water
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 122 - Road/Parking Lot
- 310 - Herbaceous Openland
- 622 - Lowland Shrub
- 623 - Emergent Wetland



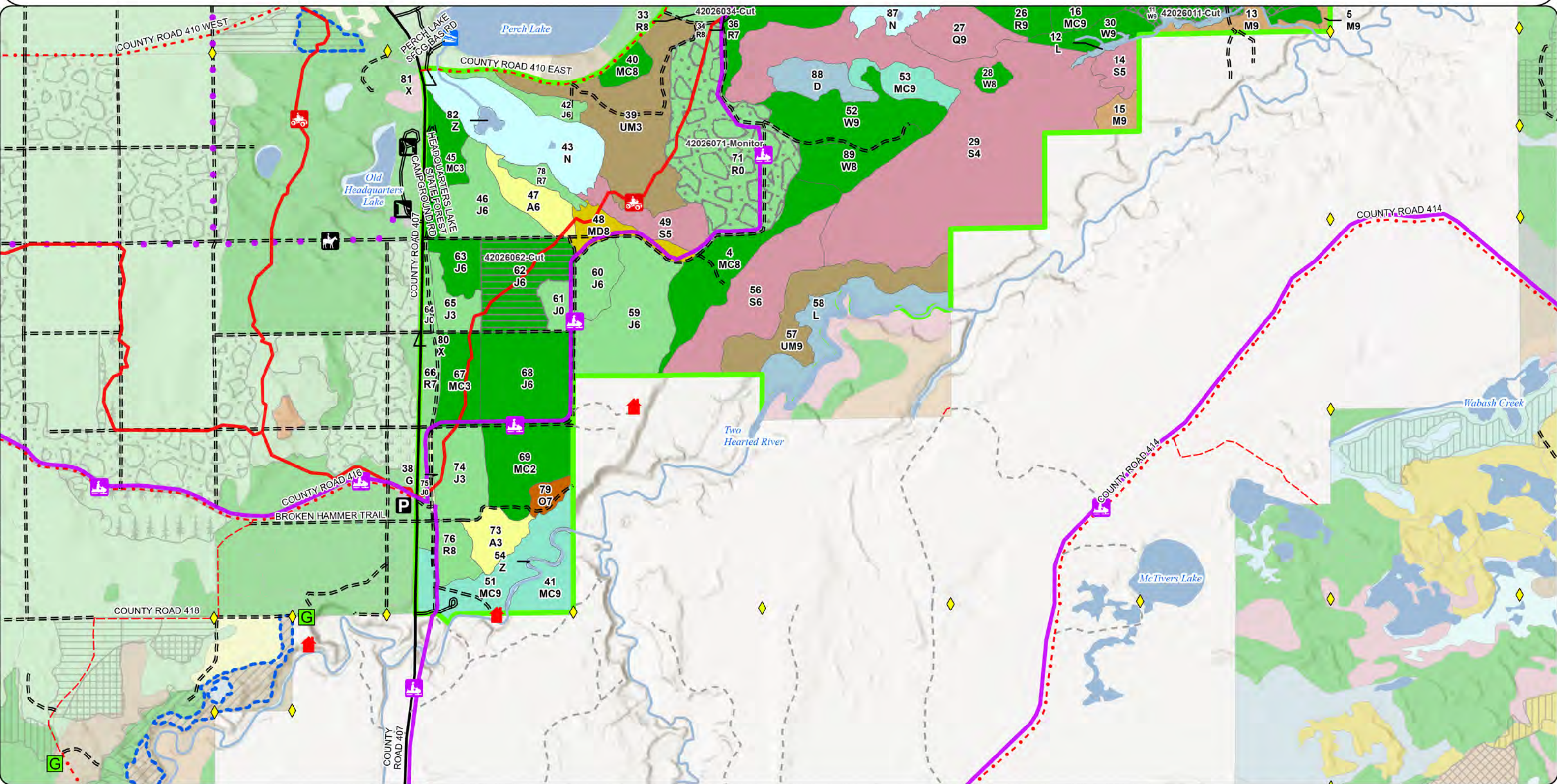
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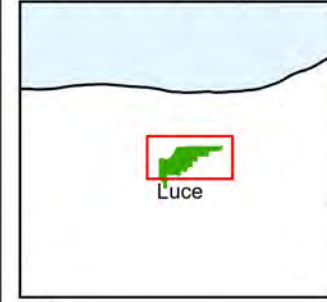
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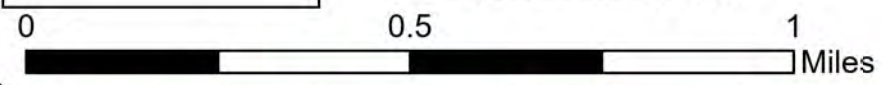
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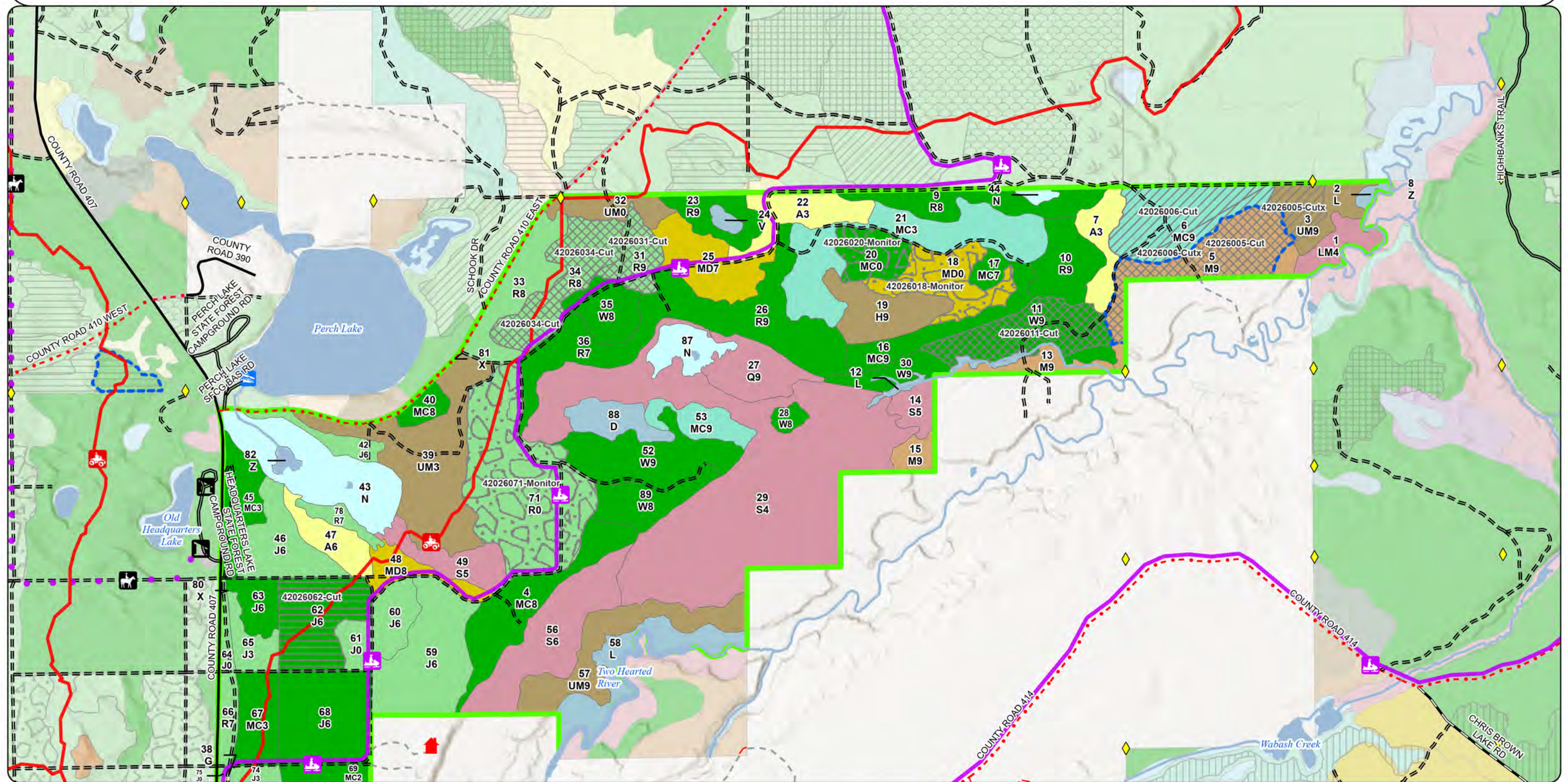
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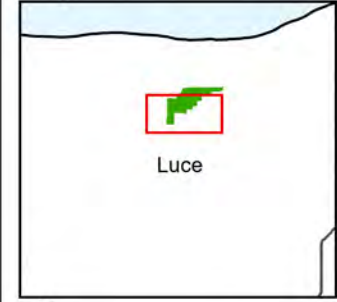
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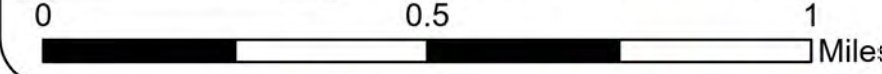
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Stand Boundary Map



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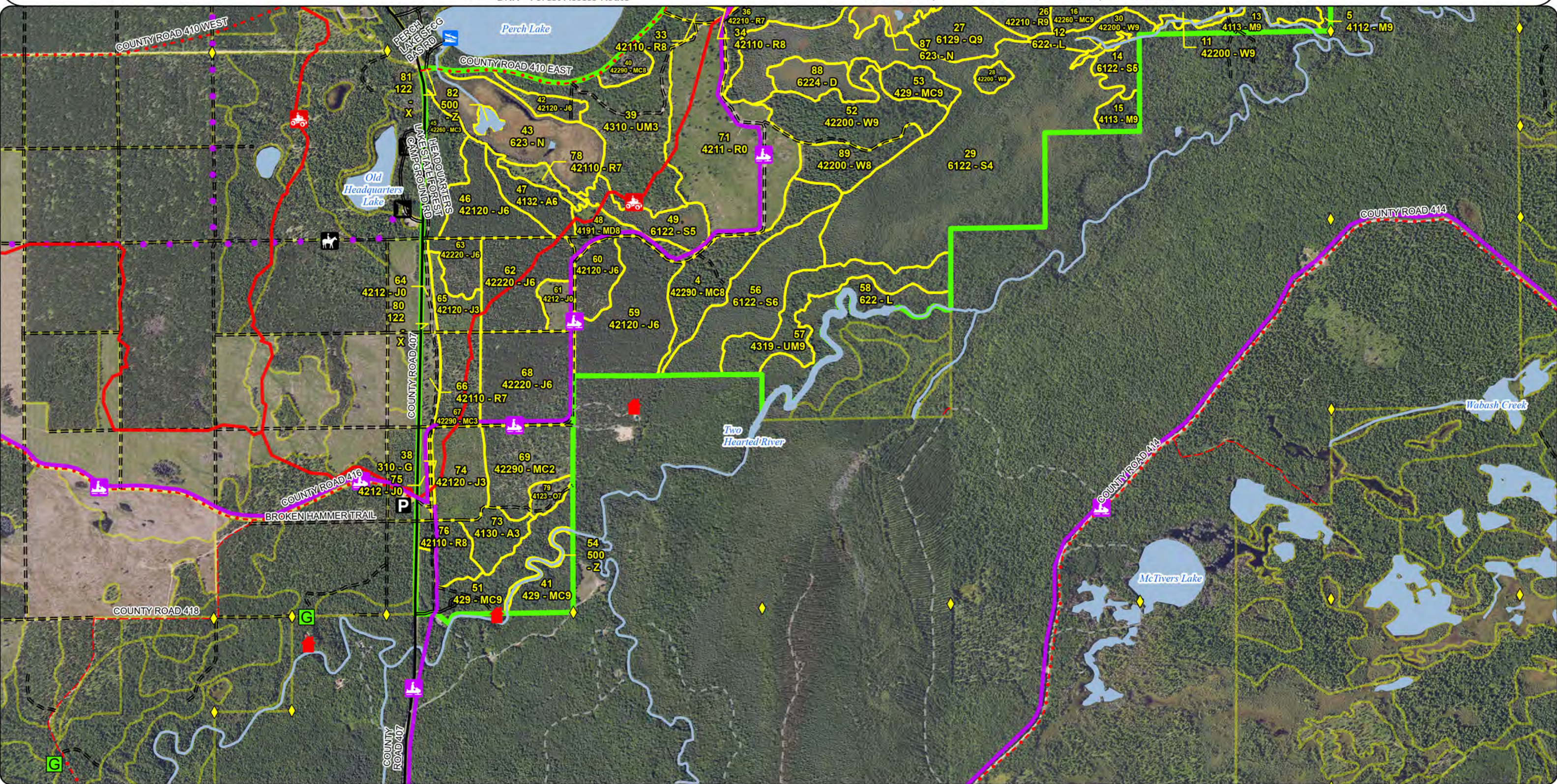


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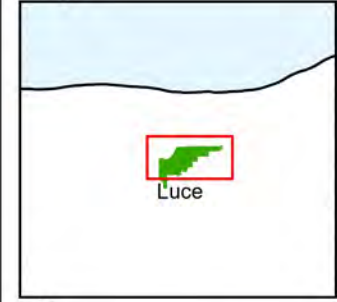
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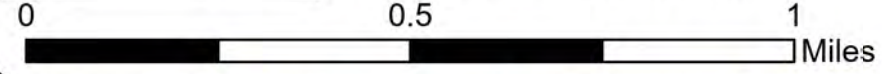
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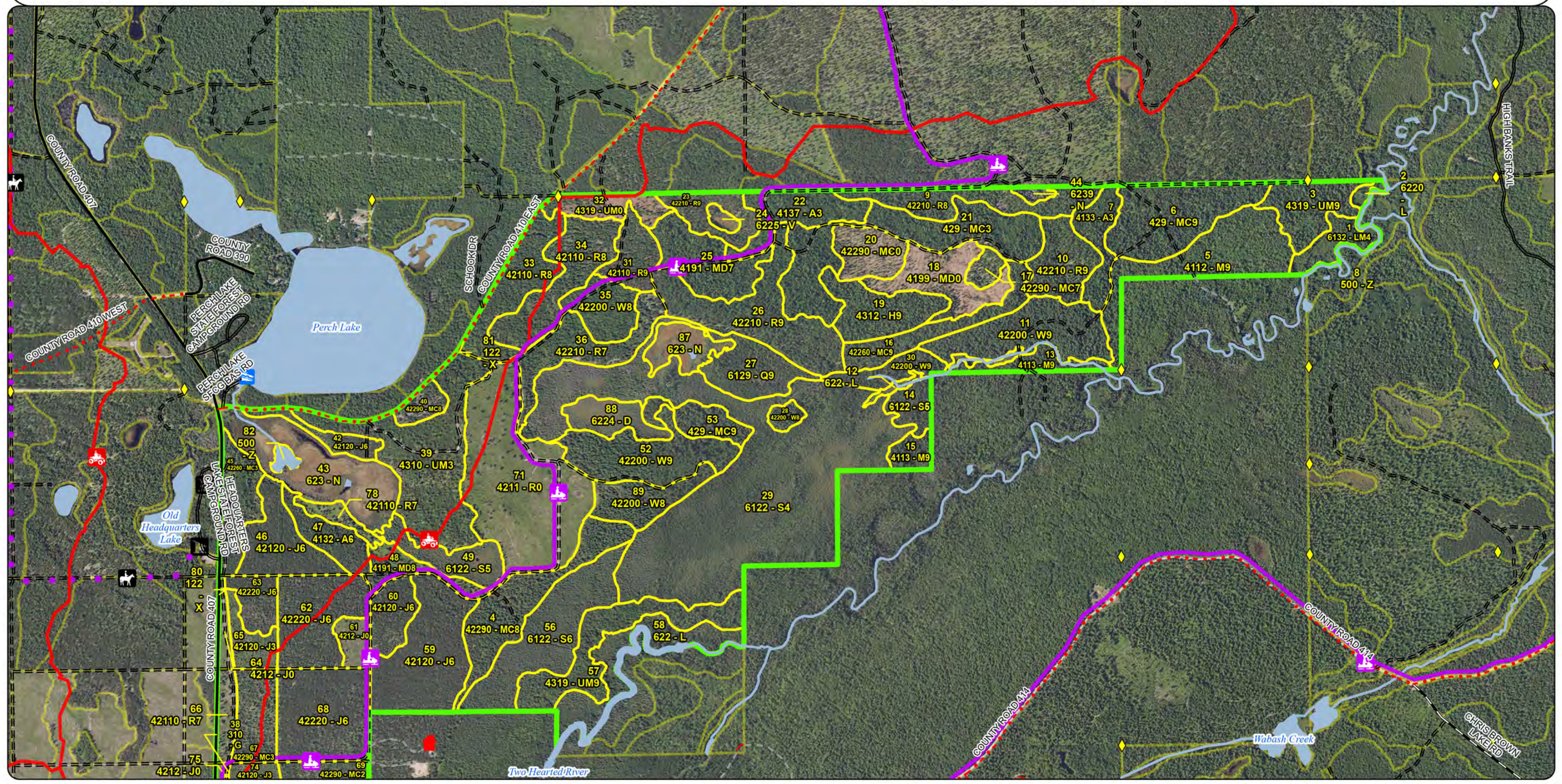
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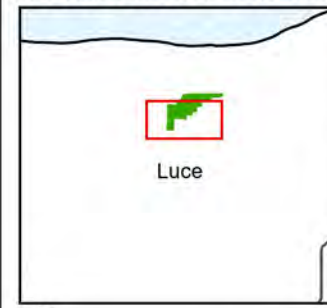
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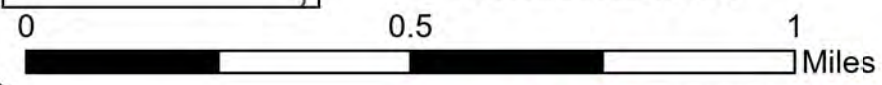
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Special Conservation Areas & Site Conditions Map

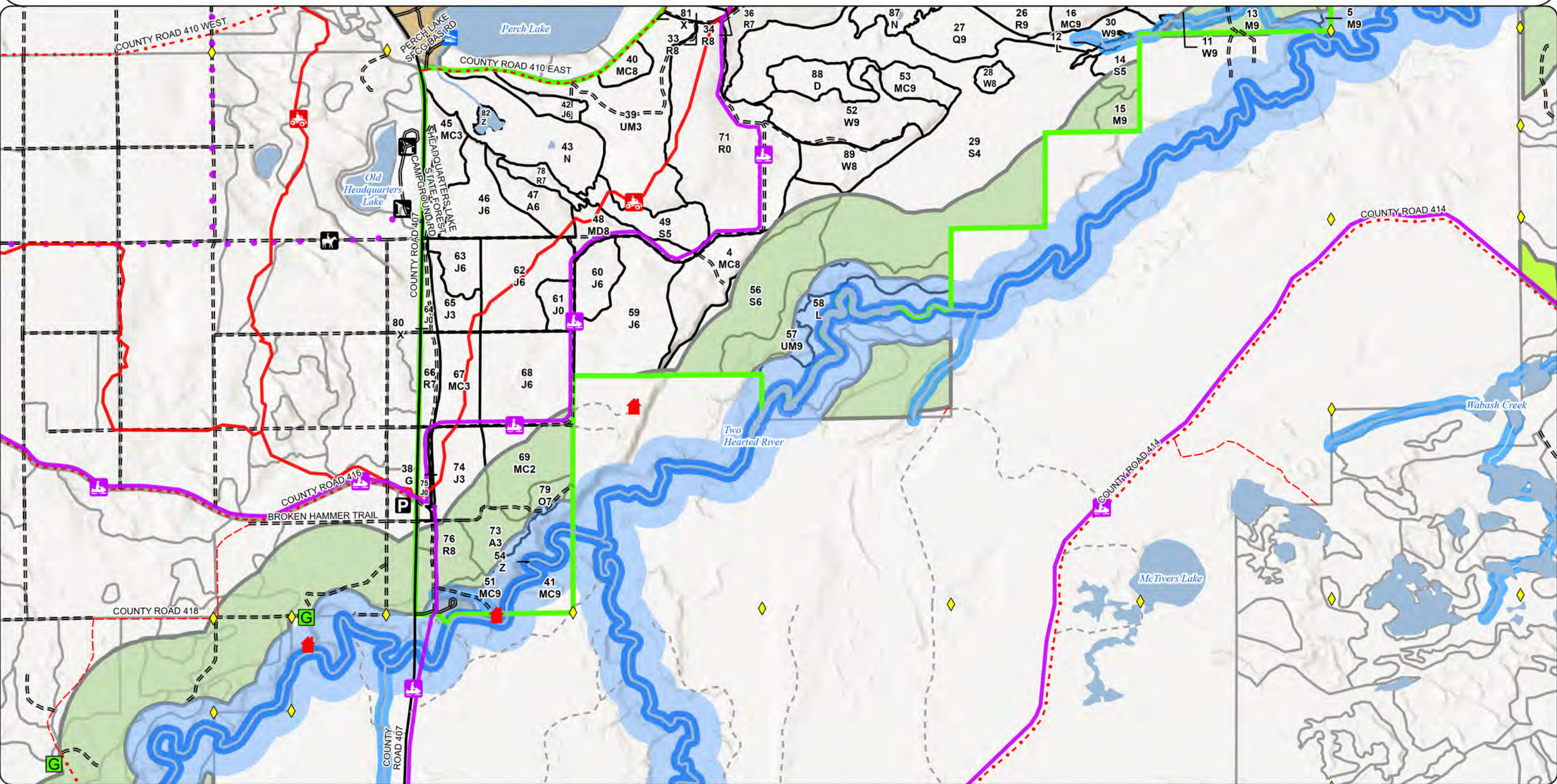


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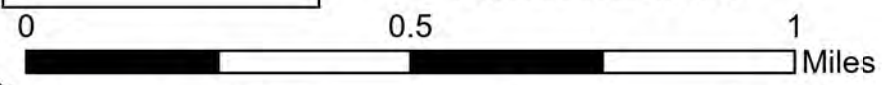
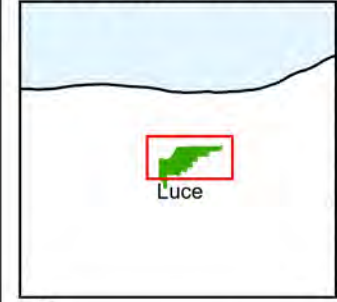
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- Compartment Boundary
- High Conservation Value Areas
- Natural Rivers Vegetative Buffer
- Natural Rivers Zoning District
- Existing SCA
- Cold Water Lakes and Streams
- Cold Water Streams
- Springs, Wetlands, and Riparian Areas
- High Priority Trout Stream Buffer
- Concentrated Recreation Areas
- State Forest Campground
- Visual Management Areas
- Recreational/Scenic Value Area
- Reviewable SCAs
- Possible Type 2 Old Growth



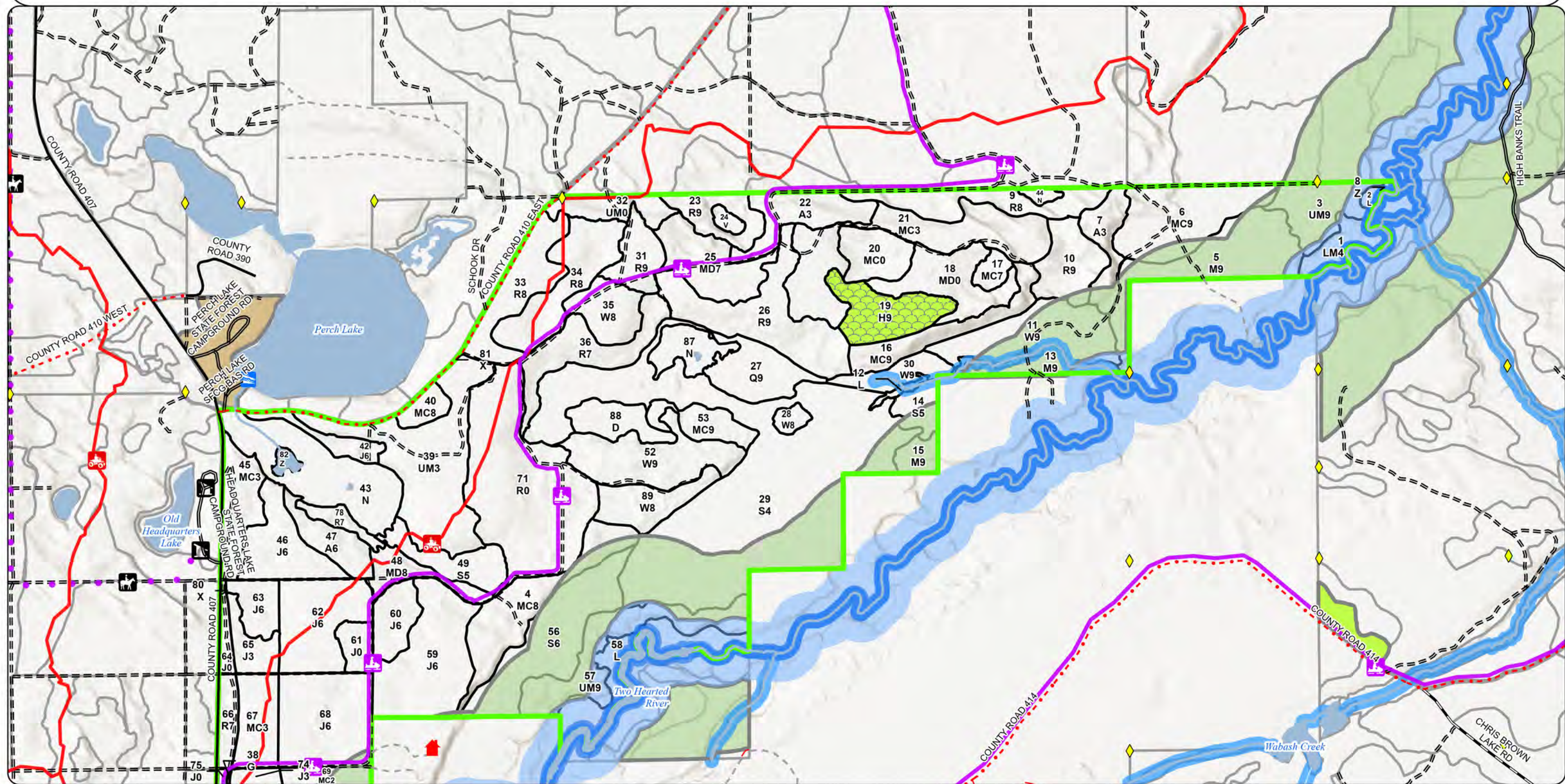
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Report 1 – Total Acres by Cover Type and Age Class

Newberry Mgt. Unit

Compartment 26 Year of Entry 2027

Anthony Ciaramitaro: Examiner

Age Class

	<i>Non-Forest</i>	<i>0-9</i>	<i>10-19</i>	<i>20-29</i>	<i>30-39</i>	<i>40-49</i>	<i>50-59</i>	<i>60-69</i>	<i>70-79</i>	<i>80-89</i>	<i>90-99</i>	<i>100-109</i>	<i>110-119</i>	<i>120-129</i>	<i>130-139</i>	<i>140-149</i>	<i>150+</i>	<i>Unseen-Aged</i>	<i>Total</i>
Aspen	0	0	12	34	0	0	13	0	0	0	0	0	0	0	0	0	0	0	59
Bog	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Hemlock	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	23
Herbaceous Openland	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Jack Pine	16	0	32	0	13	117	40	0	0	0	0	0	0	0	0	0	0	0	218
Lowland Conifers	0	0	0	0	0	0	0	0	0	0	21	0	0	0	0	0	0	0	21
Lowland Mixed Forest	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	10
Lowland Shrub	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	51	206	0	0	0	0	0	0	0	0	256
Marsh	57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	57
Mixed Upland Deciduous	25	0	0	0	0	0	0	0	0	36	0	0	0	0	0	0	0	0	61
Natural Mixed Pines	15	0	0	64	0	0	0	0	6	38	19	0	0	0	0	0	0	0	142
Northern Hardwood	0	0	0	0	0	0	0	0	0	0	39	0	16	0	0	0	0	0	55
Oak	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	5
Red Pine	80	0	0	0	0	0	0	0	0	182	34	6	0	0	0	0	0	0	302
Treed Bog	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13
Upland Conifers	0	0	0	0	50	0	0	0	0	37	0	43	12	0	0	0	0	0	142
Upland Mixed Forest	12	0	0	58	0	0	0	0	0	0	0	0	20	0	0	0	0	34	124
Urban	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Water	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
White Pine	0	0	0	0	0	0	0	0	0	34	0	21	45	0	0	0	0	16	116
Total	267	0	44	156	63	117	53	0	57	533	102	96	93	0	0	0	0	73	1653

Report 2 – Treatment Summary

Newberry Mgt. Unit
Year of Entry: 2027

Acres of Harvest

Compartment 26
Total Compartment Acres: 1,651

Commercial Harvest - 420
Harvests with Site Condition - 70
Next Step Harvest - 0
Habitat Cut - 0

Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overshoot Removal	Salvage	Other	Total Acres
Jack Pine	32	0	0	0	0	0	0	0	0	32
Northern Hardwood	0	35	0	0	11	0	0	0	0	46
Red Pine	0	44	0	0	0	0	0	0	0	44
Upland Conifers	0	0	0	0	37	0	0	0	0	37
White Pine	0	31	0	0	0	0	0	0	0	31
Total	32	110	0	0	48	0	0	0	0	190

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	190	0	0	0	0	117	0	0	0	307
Next Step	0	48	48	0	0	32	203	0	0	330
Total	190	48	48	0	0	32	320	0	0	638

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

34	42026034-Cut	30.2	42110 - Planted Red Pine	8	86	81-110	Harvest	Selection	4211 - Planted Red Pine	Planting Record	No
<p><u>Prescription</u> Thin all pine down to 70 - 80 BA. Also if retention is needed in the north, use the more dense area and the base of the slope as a pocket. <u>Specs:</u> Try to leave oak in the red line for wildlife mast-food source.</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u></p> <p><u>Acceptable</u> Natural red pine, with red and white pine volunteers. <u>Regen:</u></p> <p><u>Other</u> Plantation is nearing 90 years old. Appears to be the same stand as the one to the west. differing in understory densities and deciduous <u>Comment:</u> competition.</p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/01/2026</p>											

Approved Treatments:

5	42026005-Cut	35.1	4112 - Maple, Beech, Cherry Association	9	96	81-110	Harvest	Selection	4319 - Mixed Upland Forest	Cutting Record	No
<p><u>Prescription</u> Harvest to The Two Hearted Natural River Plan spec's. Remove merchantable aspen, spruce, fir and paper birch, and beech. Mark <u>Specs:</u> remaining maple, and pine down to a total stand BA of 70 for saw log management per the plan. Remove older pulp maple and retain</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u></p> <p><u>Acceptable</u> All species present. <u>Regen:</u></p> <p><u>Other</u> 400 ft NRP buffer applied to Rx. Rx includes 2 stands as they will fall under the same Natural River Plan spec. <u>Comment:</u></p> <p><u>Site Condition:</u> Survey Needed</p> <p><u>Proposed Start Date:</u> 10/01/2026</p>											
5	42026005-Cutx	10.9	4112 - Maple, Beech, Cherry Association	9	96	81-110	Harvest	Thinning	4319 - Mixed Upland Forest	Cutting Record	No
<p><u>Prescription</u> Harvest to the The Two Hearted Natural River Plan spec's. Remove merchantable aspen, spruce, fir and paper birch, and beech. Mark <u>Specs:</u> remaining maple, and pine down to a total stand BA of 70 for saw log management per the plan. Remove older pulp maple and r</p> <p><u>Next Step</u> <u>Treatments:</u></p> <p><u>Acceptable</u> <u>Regen:</u></p> <p><u>Other</u> 400 ft Two Hearted Natural River Plan buffer applied to Rx. Rx includes 2 stands as they will fall under the same Natural River Plan spec. <u>Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/01/2026</p>											

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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
6 42026006-Cut	28.6	429 - Mixed Upland Conifers	9	86	81-110	Harvest	Thinning	429 - Mixed Upland Conifers	Planting Record	No
<u>Prescription Specs:</u> Harvest to The Two Hearted Natural River Plan spec's. Remove all merchantable aspen spruce, fir and maple. Protect areas of dense regeneration of maple if present. If needed, mark remaining red and white pine and maple to meet 70 total stand BA. leave a										
<u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory)										
<u>Acceptable Regen:</u> All										
<u>Other Comment:</u> May not need to mark much, mark to cut. Use caution nearing the slopes near the road.										
<u>Site Condition:</u>										
<u>Proposed Start Date:</u> 10/01/2026										
6 42026006-Cutx	8.7	429 - Mixed Upland Conifers	9	86	81-110	Harvest	Thinning	429 - Mixed Upland Conifers	Planting Record	No
<u>Prescription Specs:</u> Harvest to The Two Hearted Natural River Plan spec's quarter mile buffer. Remove all merchantable aspen spruce, fir and maple. Protect areas of dense regeneration of maple if present. If needed, mark remaining red and white pine and maple to meet 100 tota										
<u>Next Step Treatments:</u>										
<u>Acceptable Regen:</u> All										
<u>Other Comment:</u> May not need to mark much, mark to cut. Use caution nearing the slopes near the road.										
<u>Site Condition:</u>										
<u>Proposed Start Date:</u> 10/01/2026										
11 42026011-Cut	31.2	42200 - Natural White Pine	9	111	141-170	Harvest	Selection	4220 - Natural White Pine	Cutting Record	No
<u>Prescription Specs:</u> Remove all merchantable balsam fir, aspen and spruce and maple where present. Try to protect areas of thick maple regeneration if found. If needed mark the pine down to 100 total stand BA per The Two Hearted Natural River Plan. Thin from below to remove										
<u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory)										
<u>Acceptable Regen:</u> All species present.										
<u>Other Comment:</u> Smaller size class of WP appear to not be doing very well, have low live crown ratios and are showing decline. Larger 20 in WP are doing well. 400 ft NRP buffer built into Rx shape.										
<u>Site Condition:</u>										
<u>Proposed Start Date:</u> 10/01/2026										
18 42026018-Monitor	23.9	4199 - Other Mixed Upland Deciduous	0	2	Immature	Monitoring	Monitoring - Regeneration	429 - Mixed Upland Conifers	Cutting Record	No
<u>Prescription Specs:</u> Monitor for mixed upland conifer.										
<u>Next Step Treatments:</u>										
<u>Acceptable Regen:</u> Red pine white pine, black spruce, aspen, maple.										
<u>Other Comment:</u>										
<u>Site Condition:</u>										
<u>Proposed Start Date:</u> 10/01/2028										

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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
20 42026020-Monitor	15.8	42290 - Natural Mixed Pine	0	2	Immatu re	Monitoring	Monitoring - Regeneration	429 - Mixed Upland Conifers	Cutting Record	No
<u>Prescription</u> Monitor for natural regeneration. Frost pocket may be an issue with regeneration.										
<u>Specs:</u>										
<u>Next Step</u> ; ; SitePrep, Trenching; Planting, Initial Plant										
<u>Treatments:</u>										
<u>Acceptable</u> Red/white pine with aspen.										
<u>Regen:</u>										
<u>Other</u> Percent to Treat = 100%										
<u>Comment:</u>										
<u>Site Condition:</u>										
<u>Proposed Start Date:</u> 10/01/2026										
31 42026031-Cut	13.6	42110 - Planted Red Pine	9	86	81-110	Harvest	Selection	4211 - Planted Red Pine	Planting Record	No
<u>Prescription</u> Thin the stand down to 70 - 80 BA focusing on pine as the retention species. Remove all jack pine. If needed leave retention in the northern tip where the topography is and south across the road. Try to leave oak in the red line for wildlife mast-food										
<u>Specs:</u>										
<u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)										
<u>Treatments:</u>										
<u>Acceptable</u> Natural red pine with white pine.										
<u>Regen:</u>										
<u>Other</u> Plantation is nearing 90 years old. Reevaluate next entry for regen or plantation restart.										
<u>Comment:</u>										
<u>Site Condition:</u>										
<u>Proposed Start Date:</u> 10/01/2026										
62 42026062-Cut	32.0	42220 - Natural Jack Pine	6	52	141-170	Harvest	Clearcut	4212 - Planted Jack Pine	Planting Record	No
<u>Prescription</u> Clearcut with an objective of planted jackpine with the cultivation suite. Keep retention in patches along stand 65 and 61 to the south, and/or a patch on the trail for trail aesthetics. Standard trail protections, signage etc. Following harvest trench an										
<u>Specs:</u>										
<u>Next Step</u> SitePrep, Trenching; Pesticide, Aerial - Site Prep; Planting, Initial Plant; Monitoring, Artificial Regen; Monitoring, Artificial Regen (3yr)										
<u>Treatments:</u>										
<u>Acceptable</u> Jack Pine										
<u>Regen:</u>										
<u>Other</u> scotch pine and aspen competition may be an issue here as seen with nearby stands. Scotch pine volunteers appear frequently here. I.E. no scarification										
<u>Comment:</u>										
<u>Site Condition:</u>										
<u>Proposed Start Date:</u> 10/01/2026										
71 42026071-Monitor	77.4	4211 - Planted Red Pine	0	2	1-50	Monitoring	Monitoring - Regeneration	4211 - Planted Red Pine		No
<u>Prescription</u>										
<u>Specs:</u>										
<u>Next Step</u>										
<u>Treatments:</u>										
<u>Acceptable</u> Red pine, white pine, jack pine, oak, aspen										
<u>Regen:</u>										
<u>Other</u> Percent to Treat = 100%										
<u>Comment:</u>										
<u>Site Condition:</u>										
<u>Proposed Start Date:</u> 10/01/2026										

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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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Total Treatment Acreage Proposed: 307.4

Report 4 – Site Conditions

Newberry Mgt. Unit

Compartment: 26

Anthony Ciaramitaro: Examiner

Year of Entry: 2027

Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	Dominant Site Conditions													
		With Condition	Not Available		2B	2I	5B	1A	1C	2F	2G	2H	3A	3D	3J	5D	5E	
60	60	0	0	Aspen														
3	3	0	0	Bog														
23	0	0	23	Hemlock										23				
1	1	0	0	Herbaceous Openland														
218	218	0	0	Jack Pine														
21	0	0	21	Lowland Conifers								21						
10	0	0	10	Lowland Mixed Forest				10										
26	4	0	22	Lowland Shrub				22										
256	42	0	214	Lowland Spruce/Fir							9					3	202	
57	57	0	0	Marsh														
61	61	0	0	Mixed Upland Deciduous														
113	84	0	29	Natural Mixed Pines					6	19								3
53	0	35	18	Northern Hardwood		35		3					6			9		
1	0	0	1	Oak				1										
278	263	12	3	Red Pine			12											3
13	0	0	13	Treed Bog													13	
141	87	13	41	Upland Conifers	13			25				12		3				
102	58	0	43	Upland Mixed Forest				42										1
5	5	0	0	Urban														
6	6	0	0	Water														
84	81	0	3	White Pine												3		
1,531	1,030	60	440	Total Forested Acres	13	35	12	103	6	19	29	19	23	3	15	215	7	
	67%	4%	29%	Relative Percent														

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

Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable	1C: Other Dept. or Div. process	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Newberry Mgt. Unit

Anthony Ciaramitaro: Examiner

Compartment: 26

Year of Entry: 2027

2	Unavailable	1A: Federal/State/Local Law	24	Unspecified	Unspecified	Unspecified	Unspecified
Comments: BMP's and HCVA @ heart Nat'l River Plan							
3	Unavailable	3A: Conservation values incompatible with harvest at this time	23	Unspecified	Unspecified	Unspecified	Unspecified
Comments: T2 Old Growth Consideration							
4	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	12	5E: Long-Term Retention	5F: Evaluated for Forest Health Considerations	Unspecified	Unspecified
Comments: Evaluated for SBW.							
5	Unavailable	5D: Unproductive forest land	190	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	5D: Unproductive forest land	26	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	21	5F: Evaluated for Forest Health Considerations	Unspecified	Unspecified	Unspecified
Comments: Evaluated for SBW.							

Report 4 – Site Conditions

Newberry Mgt. Unit

Anthony Ciaramitaro: Examiner

Compartment: 26

Year of Entry: 2027

8	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
9	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	6	2B: Unknown if access through adjacent landowner(s) is possible	Unspecified	Unspecified	Unspecified
Comments: Falls within Natural River corridor. Too small to treat otherwise.							
10	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	14	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Small stand with gullies to feeder stream to Two-Hearted River.							
11	Available	2I: Survey needed	35	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
12	Unavailable	2F: Too steep	19	Unspecified	Unspecified	Unspecified	Unspecified
Comments: May be able to harvest small portions with adjacent stands, but is too steep for the most part.							
13	Available	2B: Unknown if access through adjacent landowner(s) is possible	13	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Newberry Mgt. Unit

Compartment: 26

Anthony Ciaramitaro: Examiner

Year of Entry: 2027

15	Available	5B: Maintain for regeneration purposes	12	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
16	Unavailable	1A: Federal/State/Local Law	20	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Within Two-Hearted River Natural River corridor.							
17	Unavailable	3D: Recreational/scenic values	3	1A: Federal/State/Local Law	Unspecified	Unspecified	Unspecified
Comments: High Bridge Campground. Within the Two-Hearted River Natural River corridor.							
19	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: General vicinity of possible retention pocket.							
20	Unavailable	5E: Long-Term Retention	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Long term retention from Final Trail Pine: 42-027-17.							
21	Unavailable	1A: Federal/State/Local Law	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Within Two-Hearted River Natural River corridor.							
24	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Newberry Mgt. Unit
 Anthony Ciaramitaro: Examiner

Compartment: 26
 Year of Entry: 2027

25	Unavailable	1A: Federal/State/Local Law	24	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Natural River management zone							
26	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	3	3D: Recreational/scenic values	Unspecified	Unspecified	Unspecified
Comments:							
27	Unavailable	1A: Federal/State/Local Law	30	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Natural River management zone.							

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
Two Hearted River Visual Management Area	Visual Management Areas	Recreational/Scenic Value Area	SCA	7110
Comments				
400' to 1/4 mile recreational and scenic value area along the Two Hearted River.				
High Bridge State Forest Campground	Concentrated Recreational Area	State Forest Campground	SCA	3
Comments				
High Bridge State Forest Campground				
Hidden Giants	Type 1 or Type 2 Old Growth	Possible Type 2 Old Growth	SCA Removal	23
Comments				
Stand examiner flagging for removal - does not meet old growth criteria				

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																												
1	6132 - Mixed Lowland Forest with Cedar	Poletimber Poor	10.4	91	1-50	N/A	Low stand which borders the Two-Hearted River (HCVA). Portions of stand are steep sidehills with small balsam fir, pole-sized (and some larger) red maple and paper birch, dropping into river bottomlands with tagalder, spruce and cedar.																																																												
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Tag Alder	Full	5 - 10 feet	5 - 10 feet																																																																
2	6220 - Alder/Willow	None	2.0			No	Low stand which borders the Two-Hearted River (HCVA). Includes old oxbow.																																																												
3	4319 - Mixed Upland Forest	Sawtimber Well	19.8	115	81-110	N/A	Variable stand. White birch and aspen dying back. Some white spruce dying also. Low quality red maple. Large diameter red and white pine within with heavy fir understory. Stand falls under Two-Hearted Nat'l River guidelines for management (HCVA). 11/24 Low quality overall. Removing hardwood species and thinning through pine to plan spec's. Was previously set up and never cut. Some yellow paint still visible in spots.																																																												
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4	42290 - Natural Mixed Pine	Sawtimber Medium	33.0	82	81-110	N/A	Northern portion by the snowmobile trail was originally part of the northern stand (51) and was not treated. Harvest just followed the road. 3.3 acres of pine plantation was left with mixed pine/deciduous understory, transitioning into low ground as you go down the trail. The rest of the stand is mixed pine with occasional spruce and balsam intermediates with northern mixed deciduous coming up from understory (aspen, red maple). Typical for the area, pine is mature. leaving for green up and aesthetics. Stand has quite a bit of variability; along snowmobile trail route, stand contains more mixed red pine. Some planted pine within SESW of section 20 (S,1940). Stand harvested via shelterwood as "CCC Camp Pine", sale #015-07-01. Complete 10/5/09. Regeneration check in 2014 (trees/acre): RO-457, WP-431, A-152, RM-101, RP-76, JP-25, S-177.																																																												
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5	4112 - Maple, Beech, Cherry Association	Sawtimber Well	39.1	96	81-110	N/A	Stand was marked and put up for sale in 1997 as #03-97 "Perch Lake Hardwoods" - sale never sold. Yellow paint is still visible in 2024! Beech has mostly died out and fallen over. Poor quality red maple. Occasional yellow birch. Regeneration of beech in understory, as well as balsam fir. Some co-dominant white pine within. At stand edges, there is more of a paper birch/aspen component. East end of stand would fall under the Two-Hearted Nat'l River Plan (HCVA).																																																												
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6	429 - Mixed Upland Conifers	Sawtimber Well	37.3	86	81-110	N/A	Patches heavy to RP, mainly on north end. Open-grown stand from the late 1930's; larger white pine is heavily weeviled. Harvesting to the River Plan Spec's. Some fairly steep topography on the first 100 ft of road. Old skid trails or roads were evident on the slopes.																																											
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7	4133 - Aspen, Mixed Pine	Sapling Well	13.9	26	Immature	N/A	Very hilly. Majority of stand sits on a high ridge and slopes downward on all sides. Skid trails within stand; main roads below hills. T. sale #19-97 "Ridge High Aspen", cut Nov - Dec, 1998. Red and white pine were left - also, some hemlock is present.																																											
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8	500 - Water	None	1.6			No	The 2 Hearted River.																																											
9	42210 - Natural Red Pine	Sawtimber Medium	23.6	86	51-80	N/A	Stand runs along snowmobile trail route. There is a component of larger, older red pine within from pre-1930's logging. Some of the stand appears to have been planted, although there is no record of this. This may have occurred, though, since entire 40's to the north were planted in 1940. Several ridges to contend with. Inclusion of small bog stand. Stand harvested as "Ridgeline Pine", sale #026-07-01. Complete 12/08/09. Regeneration survey in 2014 (trees/acre): RP-245, WP-391, A-391, RM-758, S-196, RO-49, JP-49. Lots of natural pine regeneration coming in. Thick white pine and occasional red pine regeneration coming up. Lots of red pine pole intermediates scattered throughout as well. Decided no to thin the canopy as it's a good example of true multi-age class, pre-logging mixed pine. Also some challenging terrain. Overall a great example stand!																																											
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10	42210 - Natural Red Pine	Sawtimber Well	19.5	85	1-50	N/A	Stand harvested as "Ridgeline Pine", sale #026-07-01. Complete 12/08/09. Cannot find FTP (42-703) for this sale. Does not appear to have been scarified. Only noticed 1 JP seedling in walk through. A few areas with no regeneration. Regen check in 2014: 1791 TPA - aspen (948), red maple (316), white pine (263), oak (105), spruce (105) and red pine (52). Lots of hilly topography. Canopy is relatively close closer to the 75%. Still very few areas of regeneration in some areas of no regeneration evidence of side by sides running through lighting campfires etc.																																											
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11	42200 - Natural White Pine	Sawtimber Well	34.4	111	141-170	N/A	Heavier understory and more hardwood on East half of stand. OPIC - FMD: Primarily a nice, tall patch of white pine (65-70' heights), although some red pine is present. Along uphill slope line (north boundary of stand), there is a component of oak, M and PB. Farthest west end of stand transitions into more spruce as ground gradually slopes into V/D type. The east end of the stand would fall under the Two-Hearted Nat'l River guidelines (HCVA). Much of the older white pine that are over 20 in appear to be healthy. Log sized white pine with average diameters are around 12 to 18 in. appear to be dying with very few needles wispy branches and weevil damage. Aspen has about died out of the stand under story is very thick with balsam regeneration.																																																																			
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12	622 - Lowland Shrub	None	4.2			No	Low drainage (currently with standing water, flooded timber) with some cedar, spruce and tag alder. Two-Hearted plan (HCVA).																																																																			
13	4113 - R.Maple, Conifer	Sawtimber Well	9.2	116	111-140	N/A	Stand contains beech and white birch snags. Some beech still alive, but most have died and fallen down. Large diameter, poor quality wood. Small hardwood stand across drainage - falls under Two-Hearted Nat'l River guidelines (HCVA). Stand adjoins private lands of two separate owners, and an open-ended "pipe" was found in the ground, just off trail road fork, which would be the approximate property line. 5/25Not much for management in the area and proximity to river working against treating stand. The earthen "bridge" or pipe has completely failed and the road is no longer passable a new bridge would need to be built to access this from state forest lands.																																																																			
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14	6122 - Black Spruce	Poletimber Medium	8.5	76		N/A	Stand feeds directly into D/V type and is very wet, spruce bog. Two-Hearted plan guidelines (HCVA) - extreme south tip of stand only.																																																																			
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15	4113 - R.Maple, Conifer	Sawtimber Well	6.3	116	111-140	N/A	Small hardwood stand across drainage - falls under Two-Hearted Nat'l River guidelines (HCVA). Lower quality red maple with hemlock, and hemlock regeneration present, in places. Misc. spp include: beech, cedar, white pine, aspen. Stand adjoins private corporate lands, and this would be the only access to the stand. Also surrounded by spruce bog and seasonal drainages. The corporate lands have been thinned previously. Beech and aspen falling out of stand.																																																																			

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments			
16	42260 - Natural Pine, Mixed Deciduous	Sawtimber Well	19.1	94	111-140	N/A	Stand encompasses a ridgeline and side slope to the south, which is fairly steep, in places. Will be a difficult stand to harvest. Also in 2 hearted river plan area.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Red Maple		1	Pole	5		Red Maple		Low	Variable	Variable
Red Oak		2	Log	12		Balsam Fir		Medium	Variable	Variable
Paper Birch		5	Pole	8		White Pine		Medium	Variable	Variable
Bigtooth Aspen		30	Log/Pole	10						
White Pine		35	Log	12	94					
Red Pine		27	Log	12						
17	42290 - Natural Mixed Pine	Sawtimber Poor	4.9	86	1-50	N/A	Stand is located in a depression/frost pocket. Stand harvested as "Ridgeline Pine", sale #026-07-01. Complete 12/08/09. Scarification of site yet to be done as of 01/26/10. Cannot find FTP (42-703) for this sale. Does not appear to have been scarified. Regeneration survey in 2014 (trees/acre): WP-514, RM-342, RO-171. Still regenerating with adjacent stand, more retention here. Accessable from Old logging road, ATV traffic are opening trails in the area.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
White Pine		50	Log/Pole	11		White Pine		Low	< 5 feet	< 5 feet
Red Pine		50	Log/Pole	12	86					
18	4199 - Other Mixed Upland Deciduous	Unspecified	24.7	2	Immature		Stand harvested via Clearcut with retention in summer of 2022: Bits & Pieces Mix 42-028-17. Marked some red and white pine for retention and left any hemlock, and oak. Does not pass regen check in fall of 2024. Only two growing seasons since harvest. Advancing to 2028. Other half of original stand to the west was scarified. Variable stand. Occasional spruce, oak and hemlock.			
Sub-Canopy Species		Density	Avg. Height	Size						
Red Pine		Low	>20 feet	>20 feet						
White Pine		Low	>20 feet	>20 feet						
Red Oak		Trace	>20 feet	>20 feet						
Hemlock		Low	>20 feet	>20 feet						
19	4312 - Hemlock, Mixed Deciduous	Sawtimber Well	22.7	181	51-80	N/A	Possible type 2 old growth. Beech mostly dead and fallen over. Some still hanging on. Hemlock of varying sizes (saplings to 28"+ dbh). Low quality hardwoods. Lots of downed woody debris. Occasional WB and YB. Stand was previously set up as "Perch Lake Hardwoods" sale # 03-97, but was never cut. Red painted sale boundary lines, and yellow marked to cut trees, are still visible. A couple of 40" + WP were observed. Paint still visible, stand has some low quality HW that is dying off likely because it is seasonally wet. Many 40-50 inch hemlock and super canopy white pine legacy trees observed and measured. Would consider T2 old growth, evidence of rotten stumps from some minor cutting a long time ago. Majority of stand is multi aged hemlock which is showing prolific regeneration in the natural canopy gaps and along the old road. A harvest here would not likely benefit anything.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Red Maple		20	Log/Pole	10		Red Maple		Low	Variable	Variable
Beech		22	Log/Pole	12		White Pine		Low	Variable	Variable
Paper Birch		2	Pole	8		Balsam Fir		Medium	Variable	Variable
Balsam Fir		3	Pole	8		Beech		Medium	Variable	Variable
White Spruce		3	Log	12		Hemlock		High	Variable	Variable
White Pine		10	Log/XLog	16	52					
Hemlock		40	Log/Pole/XLog	16	181					
20	42290 - Natural Mixed Pine	Unspecified	15.0	2	Immature			Scarified in fall of 2023 (11/17/2023) by Holli Forest Products. - JATStand harvested via Shelterwood with Retention in summer of 2022: Bits & Pieces Mix 42-028-17. Retained 30-50 BA of red and white pine. Stand encompasses a depression/frost pocket, especially on the west end. Residual spruce fir and maple whips throughout. East end of stand contains more WP. Large, remnant RP and WP throughout.		

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																							
21	429 - Mixed Upland Conifers	Sapling Well	49.8	33	Immature	N/A	Mix of species - variable throughout. Pockets/individuals of large white pine, red pine and hemlock. T. sale # 13-90 "East Snow Birch" - cut as of 10/1992. Many grown closed roads run through out.																																																							
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22	4137 - Aspen, Birch	Sapling Well	20.4	28	Immature	N/A	TS# 11-97-01 "Birch Curve" sale - cut 8-97. Red and white pine, and hemlock were left. The snowmobile trail runs through, and along the north boundary, of the stand. Very thick with regeneration from Birch balsam fir beach white spruce and Aspen.																																																							
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23	42210 - Natural Red Pine	Sawtimber Well	13.8	91	111-140	N/A	Stand harvested via Crown Thinning in summer of 2022: Bits & Pieces Mix 42-028-17. Stand is along sloping ground around marsh depression. Large 20+" dbh RP and WP present. Occasional hemlock. Some steep slopes. Variable BA and understory. Old charred WP stump remnants within; west portion of stand is heavier to WP. Unlikely to treat this entry with other stands due to recent harvest and new pine guidance.																																																							
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24	6225 - Bog	None	2.6			No	Marsh depression which contains leatherleaf, grass, and blueberry.																																																							
25	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Poor	24.9	86	1-50	N/A	Most beech had died and fallen over. Many patches of advanced regeneration from holes. Diverse stand. Very low quality - lots of twisted, large diameter stems. Most of the PB is old and dead/dying also. The snowmobile trail bisects the stand. Birch has aged out of the stand, which is still of very poor quality. Beech regen is taking over the under story with a lower quantity of mixed hardwood. Combined stand with adjacent Birch stand that was no longer relevant.																																																							
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26	42210 - Natural Red Pine	Sawtimber Well	43.6	86	111-140	N/A	Stand was set-up as T. sale # 52-97 "Red Ridge Pine", which was never sold (no red pine was marked to cut, only misc. spp removal planned - too thick for that). Most of the southern boundary of stand is along a S/SW facing slope, and will make for difficult treatment. Old road follows the bottom of this side hill/edge of low ground. Some large, remnant RP and WP within stand. East N-S finger has lower RP Ba and more understory of RM and Fb. Some trees were cut including Birch and Aspen along the road. Most of the pine is larger and the stand had some sloping topography with a wet "valley". Maybe possible to treat in the future. Decided not to Rx at this entry.																																																									
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27	6129 - Mixed Coniferous Lowland Forest	Sawtimber Well	20.7	106		N/A	Wet stand even in dry years feathering into surrounding V/D type. Large, remnant white pine found occasionally in stand. Older cedar over balsam, spruce and tamarack. The old "jeep trail" north of the stand has been cut before but this area was likely too wet.																																																									
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28	42200 - Natural White Pine	Sawtimber Medium	3.5	101	81-110	N/A	Stand is island out in treed bog/marsh. White pine island in marsh. Black bear habitat. Walked to stand from the road leading down to the marsh from the west. just an island, trees are not as big as you would expect. Likely stunted by water.																																																									
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29	6122 - Black Spruce	Poletimber Poor	189.6	81		N/A	Some spruce, tamarack and cedar. HCVA - Two Hearted mgmt plan.																																																									
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30	42200 - Natural White Pine	Sawtimber Well	10.6	111	51-80	N/A	Split off of WP9 stand to the NE, this section slopes down to a lowland WP stand that is winter ground and much less dense. Heavier understory and more hardwood on East half of stand. OPIC - FMD: Primarily a nice, tall patch of white pine (65-70' heights), although some red pine is present. Along uphill slope line (north boundary of stand), there is a component of oak, M and PB. Farthest west end of stand transitions into more spruce as ground gradually slopes into V/D type. The east end of the stand would fall under the Two-Hearted Nat'l River guidelines (HCVA). Much of the older white pine that are over 20 in appear to be healthy. Log sized white pine with average diameters are around 12 to 18 in. appear to be dying with very few needles wispy branches and weevil damage. Aspen has about died out of the stand under story is very thick with balsam regeneration.																																																									
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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31	42110 - Planted Red Pine	Sawtimber Well	13.6	86	81-110	N/A	Treat stands 33, 34, & 31 together as one for next entry. Final thinning or plantation restart. Stand harvested via Crown Thinning in summer of 2022: Bits & Pieces Mix 42-028-17.Planted S, 1940 with 3 - 0 R and 2- 0 W,J. "Perch Lake Pine" sale #002-97-01 - sale never sold. Old yellow and red paint still visible, in places. The snowmobile trail runs through the stand.
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Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	4	Pole	8	
Paper Birch	5	Log/Pole	10	
Bigtooth Aspen	1	Pole/Sapling	5	
White Spruce	5	Pole/Sapling	5	
White Pine	10	Log/Pole	10	
Red Pine	75	Log	16	86

32	4319 - Mixed Upland Forest	Unspecified	12.4	3	Immature		Stand harvested via Clearcut with Retention in summer of 2022: Bits & Pieces Mix 42-028-17.Monitor treatment passes with deciduous regen alone, aspen and red maple accounting for the majority of stems. Below, mixed R/W pine are beginning to show up with hemlock balsam and spruce in pockets. Some 1 yr pine seedlings beginning to germinate. Should be fully stocked next inventory. Residual fir and mixed species left from harvest. Old road access from snowmobile trail north to ORV trail, and continues north into next compartment. Some side slopes may be difficult to log. Beech component has dies out and fallen ver. Birch is dying. Aspen is of age to cut. Some larger WP and RP present. Stand runs along north-facing slope. The ORV trail runs along the north stand line.Retention pocket from stand this stand to the west.
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Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	High	< 5 feet	< 5 feet
Red Maple	High	< 5 feet	< 5 feet
Red Pine	Low	< 5 feet	< 5 feet
White Pine	Low	< 5 feet	< 5 feet
Balsam Fir	Medium	5 - 10 feet	5 - 10 feet
Black Spruce	Low	< 5 feet	< 5 feet
Hemlock	Trace	5 - 10 feet	5 - 10 feet

33	42110 - Planted Red Pine	Sawtimber Medium	25.6	86	81-110	N/A	Treat stands 33, 34, & 31 together as one for next entry. Final thinning or plantation restart. Stand contains heavy deciduous regeneration in parts. With some 20 inch oaks found. There is also a fair amount of red pine intermediates and regen. Consider an overstory removal and flat plant. Burn understorey if possible following harvest. Will depend on remaining regen and slash content. Otherwise reevaluate deciduous competition on re-entry. Stand harvested in 2008 "Schook Drive Pine" #011-07-01. Regeneration survey in 2012 (trees/acre): RP-86, WP-68, JP-24. Stand contains two different original planting years: N1/2 of stand was planted S, 1940 with 2 - 0 J,W and 3 - 0 R; S1/2 planted F, 1949 with 2 - 0 R,J. The ORV trail runs along a portion of the east stand boundary.
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Canopy Species	% Cover	Size Class	DBH	Age
Red Oak	8	Log	12	
Paper Birch	2	Log/Pole	10	
White Pine	15	Log/Pole	10	
Red Pine	75	Log	12	86

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Low	Variable	Variable
Red Oak	Medium	< 5 feet	< 5 feet
White Pine	Low	Variable	Variable

34	42110 - Planted Red Pine	Sawtimber Medium	30.2	86	81-110	N/A	Treat stands 33, 34, & 31 together as one for next entry. Final thinning or plantation restart. Less regen than adjacent stand. This site WAS planted same year as adjacent stand. 1940. per the planting record. Good JP regen in areas. Semi-open areas mostly JP, but pockets of aspen/maple/oak. Pockets of residual RP logs - not much different than adjacent stand (just bisected by ORV trail). Variable stand. Majority of stand is in a bowl. Sale #10-97-01 "ORV Trail Jack Pine". Harvest completed 1/00. Some residual red and white pine were left, per OI instructions. FTP42-480: scarification completed 8/01 and regeneration check was completed 2004 with stocking of 1,249 t/ac. Stand boundary runs along ORV trail.
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Canopy Species	% Cover	Size Class	DBH	Age
White Pine	15	Log/Pole	10	
Red Pine	70	Log	13	86
Jack Pine	15	Pole/Log	6	32

Sub-Canopy Species	Density	Avg. Height	Size
White Pine	Low	Variable	Variable
Jack Pine	High	>20 feet	>20 feet
Red Oak	Low	Variable	Variable
Red Maple	Low	Variable	Variable
Bigtooth Aspen	Low	Variable	Variable
Red Pine	Low	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																												
35	42200 - Natural White Pine	Sawtimber Medium	16.0	52	51-80	N/A	Sale #002-97-01 "Perch Lake Pine", set up but never sold. Old yellow paint still visible. Beech is dead and fallen over. Birch is dying. Thick understory. Occasional WP and RP. There is so much dead now that it would be difficult to cut. The snowmobile trail runs through the stand. White pine now dominate with mixed decid and balsam shading out oak and other seedlings																																																												
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36	42210 - Natural Red Pine	Sawtimber Poor	25.3	86	1-50	N/A	Portion of the stand (W. end) planted F, 1949 w/2 - 0 R,J. ORV and snowmobile trail influence. Remove jack pine and thin red pine, where needed. Stand harvested via shelterwood as "CCC Camp Pine", sale #015-07-01. Complete 10/5/09. Regeneration check in 2014 (trees/acre): RO-913, A-314, RM-400, Fx-143, WP-57 and S-57.11-24 Aspen and oak regen has taken over understory. Will likely cheese out and give way to pine seedlings in due time based on the sandy soil types. A small sliver of the adjacent RP planation in stand 51 was left not cut and the harvest followed the road. This sliver was joined with this stand.																																																												
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38	310 - Herbaceous Openland	None	1.4			No	Power line and trail road.																																																												
39	4310 - Pine, Oak Mix	Sapling Well	58.1	24	Immature	N/A	Nice diverse stand! Sale# 009-97-01 "Dragging Otter Jack Pine" completed 2000 (a combination of 3 different stands last entry). FTP42-478: scarification completed 8/2001 with regeneration check done 5/04. Stocking of 1,939 t/ac of mixed regen. Continue to manage for mixed species diversity. Some oak and white pine residual within the stand, and associated reproduction is present. Older stand is being replaced by younger stand. Aspen, white pine red maple white birch, red pine saps looking good. Some jack pine and aspen could be cut, but so little quantity. Small roadside stand of aspen, paper birch, maple and beech - both birch and beech are dying. Low quality and small diameters - best left for visual purposes along County Road.11-24 previous inventory good																																																												
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40	42290 - Natural Mixed Pine	Sawtimber Medium	6.3	78	1-50	N/A	Sand and reindeer moss with little grass. Small PB clumps within as well as some older R,W. Limby jack and white pine. Occasional oak. See locked site condition comments.																																																												
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41	429 - Mixed Upland Conifers	Sawtimber Well	13.4	101	111-140	N/A	New stand added from LOTS review of DNR owned 40. Lies on the 2 Hearted River and contains a mix of conifer and deciduous based on Nearmap imagery. Some legacy white pines visible on river's edge. Stand info was a remote call based on available data and imagery. Does not appear to have been harvested as far back as 1998 or further. No evident signs of logging. There is no current ground access without crossing the river or doing "survey work". Some rapids on this part of the river. Several private camps lie to the east along the access road. The road crosses briefly into state near a survey grade corner.																																		
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42	42120 - Planted Jack Pine	Poletimber Well	8.0	50		N/A	Stand was harvested in 1974 (T.sale # 8-74A) and scarified 6/75 (# 113/l-7) Records indicate that it was originally planted.																																		
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43	623 - Emergent Wetland	None	42.8			No	Water and bog/fen.																																		
44	6239 - Mixed Emergent Wetland	None	2.2			No	Vernal pool from imagery.																																		
45	42260 - Natural Pine, Mixed Deciduous	Sapling Well	18.3	25	Immature	N/A	Stand was harvested in 1999 under sale #14-97 "407 Jack Pine" (Unit 1). FTP42-479: scarification completed 11/00, and regeneration check in 5/04 indicated stocking of 1,713 t/ac (mixed). More of an aspen stand to the north with pine throughout. Some RP as seedlings under the aspen. Combined with stand 44 across the road to the west. "Stand harvested as "High Bridge Patches", sale #010-07-01. Completed 5/29/08. All paper birch and red/white pine left for visual purposes. Scarification completed August 2009 FTP 42-689. Regeneration check summer 2012: JP = 584, Aspen=222, RP=81, WP=20 TPA = 907. Patchy aspen regeneration."Large Aspen clone creating pockets of pure Aspen and in other spots thick scotch pine is overtaking everything and regenerating .																																		
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Scotch Pine	40	Sapling/Pole	4	25																																					
46	42120 - Planted Jack Pine	Poletimber Well	23.8	49	141-170	N/A	10/20/24 Inventory remains accurate. Thick regeneration and dense stand with deciduous comin up in understory. Just coming into pole size. Stand harvested in 1974 (#8-74A) and scarified 6/75 (# 113/l-7). Regeneration check in '77 indicated 118 t/ac. Machine planting completed F, 1977 with 2 - 0 J, and hand replant? F, '78 (C42-3) in between furrows, due to bad planting stock.																																		
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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47 4132 - Aspen, Jack Pine Poletimber Well 13.3 59 141-170 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	10	Pole	8		Red Pine	Low	5 - 10 feet	5 - 10 feet
Bigtooth Aspen	60	Pole/Sapling	5	59	White Pine	Medium	Variable	Variable
White Pine	2	Log	16		Red Maple	Medium	Variable	Variable
Red Pine	2	Log	16		Red Oak	Medium	< 5 feet	< 5 feet
Jack Pine	26	Pole	8	76	White Spruce	Low	5 - 10 feet	5 - 10 feet

10/20/24 Inventory remains accurate. JP/WB/A on southeast corner. Most of stand is aspen (with other species) on edge between pole and log size. Sale # 2-65? Stand slopes towards marsh type. Heavier aspen regeneration on sidehill (~ 2" dbh and 24' tall). Some white pine spruce and oak regen present in the understory. The ORV trail crosses stand at the south end. Stand is overall dense with aspen and jackpine with some mixed deciduous coming up in understory. Large pocket of older pine in center of stand.

48 4191 - Mixed Upland Deciduous with Conifer Sawtimber Medium 11.2 82 51-80 N/A

Canopy Species	% Cover	Size Class	DBH	Age
Red Oak	45	Log	12	82
Paper Birch	5	Log	10	
Bigtooth Aspen	25	Pole	5	16
White Pine	10	Log	12	
Red Pine	5	Log	14	
Jack Pine	10	Pole	7	

10/20/24 Inventory remains accurate. Highly variable stand, southern portion contains mature red oak with extremely dense seedling layer of seedlings and saplings. Younger aspen and mixed natural pine throughout as well. The ORV trail crosses stand. This part of cutting has regenerated best, mainly to aspen. Stand harvested as "High Bridge Patches", sale #010-07-01. Completed 5/29/08. Scarification completed August 2009 FTP 42-689. Regeneration check summer 2012: JP = 584, Aspen=222, RP=81, WP=20 TPA = 907 planted jp 6ft doing well. lots of residual wp rp rm pine are 20 plus in. mixed pine and spruce intermediates moderate coverage 14 ft Regen Check: 11/9/2021 - 640 TPA JP Regen Check: 10/16/2019 - 833 TPA 6/9/19 Stand 90 - Planted 636 trees/ac, 933 trees/ac plot data, 1054 trees/ac linear data. 06/12/18- Jackpine regeneration TPA is 460, basal area ranges from 10-40. RP, WP, WB residual. Aspen approx. 10' tall. Stand harvested as "High Bridge Patches", sale #010-07-01. Completed 5/29/08. Scarification completed August 2009 FTP 42-689. Regeneration check summer 2012: JP = 584, Aspen=222, RP=81, WP=20 TPA = 907. The snowmobile trail runs along portion of stand boundary. Trenched in 2016. FTP # 42-689. Planted to JP in trenches 5/9/2017.

49 6122 - Black Spruce Poletimber Medium 15.8 86 N/A

Canopy Species	% Cover	Size Class	DBH	Age
Black Spruce	60	Pole	6	86
Tamarack	33	Pole	6	
White Pine	3	Log	14	
Red Pine	1	Log	14	
Jack Pine	3	Log/Pole	12	

Small spruce bog connecting two wet areas with natural springs. ORV trail running through (corduroy planking bridge present).

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments	
57	4319 - Mixed Upland Forest	Sawtimber Well	33.5	116	111-140	N/A	Stand falls under the Two-Hearted Nat'l River guidelines (= HCVA). Ridge of overmature timber, with no access except through low swamp. Aspen and birch are dying, and being replaced in understory with 3-4" dbh red maple saplings, and heavy balsam fir along stand edge. Lots of blowdown already within interior. Steep ravines cut drops down into river valley. Leave stand untreated.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Red Maple		15	Pole	8	32	Northern White Cedar		
Paper Birch		15	Log/Pole	10		Balsam Fir		
Bigtooth Aspen		20	Log	14				
Balsam Fir		7	Pole	8				
White Spruce		10	Pole/Log	9				
Northern White Cedar		8	Log/Pole	10				
White Pine		20	XLog/Log	18	116			
Red Pine		5	Log	14				
58	622 - Lowland Shrub	None	27.4			No	HCVA= Two-Hearted Nat'l River.	
59	42120 - Planted Jack Pine	Poletimber Well	43.4	49	81-110	N/A	Just growing into pole size. Scotch pine generally smaller dbh. Occasional large white pine and red pine on north end. Stand was cut in 1972 (sale #14-72A?), scarification 8/73 (#91/V-3). Regen count = 325 t/ac. Planting done S,'77 (6x8) w/ 2 - 0 J, and interplant by hand F, '79 w/ 2 - 0 scotch (#42-53) by YACC crew. Trees are now ~ 25-30' tall. The snowmobile trail runs along stand boundary.11/24 updated sizes some minor bud worm damage. Similar to stand to the west. Some mixed larger r/w pine throughout.	
Canopy Species		% Cover	Size Class	DBH	Age			
White Pine		5	Log	12				
Red Pine		5	Log/Pole	10				
Jack Pine		85	Pole	8	49			
Scotch Pine		5	Pole	6				
60	42120 - Planted Jack Pine	Poletimber Well	13.1	32	Immature	N/A	T. sale # 25-87-02 "Headquarters Lake" sale - cut 1987-88. FTP 42-217: scarification completed 10/88, and a regen count was completed 5/6/92 with 0 t/ac. FTP 42-311 written for JP planting (2 - 0 stock) - 906 t/ac were planted 5/94 and regen count done in 8/98 = 425 t/ac. Stand has filled in more since regen count. Some oak, scotch pine, PB, and A present. most jp and occasional wp poles. some jp logs. few maple and Aspen saps in understory balsam and ws in small patches	
Canopy Species		% Cover	Size Class	DBH	Age			
Red Maple		2	Pole/Sapling	5				
Red Oak		1	Log	10				
Paper Birch		1	Pole/Sapling	5				
Bigtooth Aspen		1	Sapling	3				
White Pine		9	Pole	8				
Red Pine		1	Log	12				
Jack Pine		85	Pole/Sapling	7	32			
61	4212 - Planted Jack Pine	Unspecified	7.2	11	Unspecified		10/20/24 Inventory remains accurate. Jackpine TPA is approximately 757. Fully stocked 5/10ft. Residual birch looks healthy. Stand harvested as "High Bridge Patches", sale #010-07-01. Completed 5/29/08. Scarification completed August 2009 FTP 42-689. Regeneration check summer 2012: JP = 584, Aspen=222, RP=81, WP=20 TPA = 907. Not that many TPA during 2015. 1 RP, 6 WP and WB residual.Trenched in 2016. FTP # 42-689. Planted to JP in trenches 5/9/2017.	
Sub-Canopy Species		Density	Avg. Height	Size				
White Pine		Trace	>20 feet	>20 feet				
White Pine		Low	< 5 feet	< 5 feet				
Jack Pine		Medium	< 5 feet	< 5 feet				
Red Pine		Trace	>20 feet	>20 feet				
Red Pine		Low	< 5 feet	< 5 feet				
Red Maple		Low	>20 feet	>20 feet				
Paper Birch		Low	>20 feet	>20 feet				

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
62	42220 - Natural Jack Pine	Poletimber Well	32.0	52	141-170	N/A	Occasional scotch pine. T. sale # 14-72A - cut August-Oct., 1972. Scarification completed 8/73 (FTP # 91/V-3). Some Oak, PB and red maple within. The ORV trail runs through the entire stand.10/20/24 Inventory remains accurate. Stand's JP is mature and begging to die, several broken tops throughout the stand. lower density than other nearby JP stands.
Canopy Species		% Cover	Size Class	DBH	Age		
Red Oak	3	Log	14				
Jack Pine	97	Pole	7	52			
63	42220 - Natural Jack Pine	Poletimber Well	10.6	43	81-110	N/A	On edge between sapling/pole. Scattered scotch pine logs throughout stand (riddled with sapsucker holes). Scarification complete in 1981 FTP 42-94 (Sale #50-79A. Stand removed in preparation for scotch pine fertilization project).Stand to the south was cut, retaining for green up requirements and landscape diversity. Cutting adjacent stand this entry. Slight budworm damage on all of the jack pine on this area. Mixed densities of jack and scotch pine.
Canopy Species		% Cover	Size Class	DBH	Age		
Jack Pine	70	Sapling/Pole	4	43			
Scotch Pine	30	Sapling/Pole/Log	4				
Sub-Canopy Species		Density	Avg. Height	Size			
Scotch Pine	Low	5 - 10 feet	5 - 10 feet				
64	4212 - Planted Jack Pine	Unspecified	4.1	4	Unspecified		Stand harvested winter of 2019/20 - Final Trial Pine 42-27-17. Final harvest. 07/15/2020 - herbicide site prep spray treatment removed (originally on 2020 POW) due to time constraints, prioritization and budgets resulting from COVID-19 impacts. Site trenched summer of 2020. Site planted spring of 2021 at 600 TPA of Jack pine; regen check in fall of 2021. Regen survey fall of 2021 (contractor): Jack Pine 920 TPA. Regen checked 9/26/23 Planted Jack Pine 840 TPA Non target 380 TPA Heavy fern competition. NOTE: Stand PCT occurred 9/2024, no treatment report generated. NON POW treatment. Brush saw release of planted spp. Removal of all scotch pine and competing vegetation. Doc's added to stand data. Inventory remains accurate. Stand planted in 1915 with RP, Scotch pine and 1916 with JP, WP. I3 understory is ~ 3-4" dbh. Two-storied stand - older, large, remnant scotch pine with younger poles. Road snakes through stand instead of under power line.
Sub-Canopy Species		Density	Avg. Height	Size			
Jack Pine	High	< 5 feet	< 5 feet				
65	42120 - Planted Jack Pine	Sapling Well	9.9	16	Immature	N/A	Trenched and planted (FTP 42-690). JP 2-4'tall. Scotch pine 4-10' tall. Stand harvested as "High Bridge Patches", sale #101-07-01. Completed 5/29/08. Planted to JP in spring 2009. Replant in spring 2011. Regeneration check summer 2012: JP = 629 TPA = 629. 10/20/24 Inventory remains accurate. JP now 15 to 20ft. Doing well. Some entering pole size class. WP natural regen scattered throughout from same time period as plant.
Canopy Species		% Cover	Size Class	DBH	Age		
Red Maple	2	Sapling	1				
White Pine	3	Pole	8				
Jack Pine	65	Sapling	1	16			
Scotch Pine	30	Sapling	1				

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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66	42110 - Planted Red Pine	Sawtimber Poor	7.7	92	1-50	N/A	<p>10/24 inventory: Stand separate from southern rx. Denser residual overstory of rp/wp. Some intermediate 10ft jack pine. Planted with jp.</p> <p>NOTE: Stand PCT occurred 9/2024, no treatment report generated. NON POW treatment. Brush saw release of planted spp. Removal of all scotch pine and competing vegetation. Doc's added to stand data.</p> <p>11/7/22 - 3rd year regen survey shows RP 833TPA. 9/26/20 - Linear survey shows 564 TPA planted RP survival with JP artificial and natural regen. Recommended replant if MO is planted RP. Being now a mixed site, recommending to continue to 3rd year regen check based on current stocking.</p> <p>5/13/20 - Site replanted with RP at 419 TPA for a total TPA of 960 (Previously planted JP, JP volunteers and now red pine seedlings.</p> <p>Regen Check: 10/15/2019 - 450 TPA JP with 50 TPA JP volunteers. RP 50 Volunteer TPA. Scotch Pine approximately 75 TPA; mixture of saplings and seedlings (heavier on east side). Pockets of mortality in new JP stocking. Failed Regen check. Proposed with TMS to hand plant gaps and direction is to possibly use Wyman RP stock to fill gaps next year.</p> <p>6/9/19 Stand 66 - Planted 263 trees/ac, 800 trees/ac plot data, 982 trees/ac linear data</p> <p>06/13/18- Jackpine TPA is approximately 383, basal area ranges from 10-30.</p> <p>Stand harvested as "High Bridge Patches", sale #010-07-01. Completed 5/29/08. Red pine (planted in 1934), left as residual for visual and seed source. Scarification completed august 2009 FTP 42-689. Regeneration check summer 2012: JP = 584, Aspen=222, RP=81, WP=20 TPA = 907. Scotch pine saplings along east edge, lining road. Trenched in 2016. FTP # 42-689. Planted to JP in trenches 5/9/2017.</p>
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67	42290 - Natural Mixed Pine	Sapling Well	17.6	25	Immature	N/A	<p>Regen 10-20' tall. Residual WP and RP. T. sale #14-97, "407 Jack Pine" - harvested 10/99. FTP 42-479 - scarification completed 11/00 and a regeneration check 5/2004 = 1,713 t/ac.</p> <p>10/20/24 Inventory remains accurate. Jack pine now 20 to 30 ft. reaching pole size class; very dense. Large amount of residual Red and White pine intermixed compared to nearby stands.</p>
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Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	3	Sapling	1	
White Pine	10	Sapling	1	
White Pine	10	Log	14	
Red Pine	5	Log	12	
Jack Pine	45	Sapling	4	25
Scotch Pine	27	Sapling	1	

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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68	42220 - Natural Jack Pine	Poletimber Well	39.4	48	81-110	N/A	Just growing into pole size. Occasional scotch pine. Thick stand. T/sale # 13-76A, cut summer, 1976. Scarification completed 7/1977 (FTP C-145). 10/20/24 Inventory remains accurate. Some logs, mostly poles and saplings. jp with wp and rp mixed in in medium quantity. A few residual mixed pine natural regen throughout with some deciduous saplings in sw corner. Minor budworm damage simulator to start to the east.
Canopy Species		% Cover	Size Class	DBH	Age		
Red Oak		2	Log	14			
White Pine		6	XLog/Log	18			
Red Pine		5	XLog	18			
Jack Pine		85	Pole/Sapling	6	48		
Scotch Pine		2	Pole/Sapling	6			

69	42290 - Natural Mixed Pine	Sapling Medium	28.2	25	Immature	N/A	OPIC - FMD: TS# 013-97 "High Bridge Jack Pine" - harvested 10/99. All red and white pine were left (approximately 10-20 BA). FTP 42-477 for scarification completed 11/00 and a regeneration check was completed 5/2004 = 533 t/a. Stand falls under Two-Hearted plan (HCVA).
Canopy Species		% Cover	Size Class	DBH	Age		
Red Maple		3	Sapling	1			
Red Oak		3	Pole	9			
Bigtooth Aspen		2	Sapling	1			
White Pine		5	Pole/Sap/Log	8			
Red Pine		15	Log/Pole/Sap	12			
Jack Pine		55	Sapling	2	25		
Scotch Pine		17	Sapling	2			

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Low	5 - 10 feet	5 - 10 feet
White Pine	Medium	Variable	Variable
Jack Pine	Medium	Variable	Variable
Red Pine	Medium	Variable	Variable

RP, WP and oak left from cutting. Scattered scotch pine volunteers also. Would like to see more regen but may fill in over time. Semi-open stand. Lots of oak seedlings! Stand harvested as "High Bridge Patches", sale #010-07-01. Completed 5/29/08. Scarification completed August 2009 FTP 42-689. Regeneration check summer 2012: JP = 584, Aspen=222, RP=81, WP=20 TPA = 907. The stand falls within the Two-Hearted Nat'l Rivers guidelines for management (HCVA).

10/20/24 Inventory remains accurate. Split off oak stand to the south. Extremely good natural regen of various pine spp. after scarification. "Model stand" Residual pine left from harvest throughout.

71	4211 - Planted Red Pine	Unspecified	79.8	2	1-50		9/30/2025 artificial regen survey by FRS, RP 820 TPA, stand looks great, well herbicide.5/21/2025 planted red pine 835 TPA, beautiful site wide trenching.Aerial herbicide treatment completed on 7/9/24.(Site was trenched on 6/19/2023 - 6/26/2023. Site was rollerchopped on 9/14/22. Ready to be trenched. A very small pocket on the north end of this stand near the road split was not chopped and has some inoperable topography. Stand was harvested via Clearcut with Retention in 2020: Final Trial Pine - 42-027-17.Planted S, 1940 with 2 -0 W,J and 3 - 0 R. Stand is influenced by both ORV and snowmobile trail. Fairly steep terrain, in places. Stand harvested as "CCC Camp Pine", sale #015-07-01. Complete 10/5/09. Scarification completed 2010 by Holli FTP 42-702. Regeneration check in 2014 (trees/acre): RP-184, WP-396, RO-606, RM-474, A-422, JP-53. Regeneration looked poor during current survey. Previous stand infoStand has quite a bit of variability; along snowmobile trail route, stand contains more mixed red pine. Some planted pine within SESW of section 20 (S,1940). Stand harvested via shelterwood as "CCC Camp Pine", sale #015-07-01. Complete 10/5/09. Regeneration check in 2014 (trees/acre): RO-457, WP-431, A-152, RM-101, RP-76, JP-25, S-177.)
Sub-Canopy Species		Density	Avg. Height	Size			
Red Pine		Full	< 5 feet	< 5 feet			
Red Oak		Trace	>20 feet	>20 feet			

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																											
73	4130 - Aspen	Sapling Well	11.9	18	Immature	N/A	Nice aspen regeneration. Scattered WP, RP and WS log/pole and WB. Stand affected by Two-Hearted Natural River guidelines (HCVA) when harvest boundaries were placed. Although MO=A, long term management would be better as red or white pine (due to proximity of river and potential beaver issues); maintaining diversity of species within the stand will still be desirable, though, so some aspen clones should still be encouraged to regenerate. 1997: Stand harvested as "High Bridge Patches", sale #101-07-01. Completed 5/29/08. Regeneration check summer 2012: JP = 584, Aspen=222, RP=81, WP=20 TPA = 907.10/20/24 Inventory remains accurate. Aspen growing well, birch about gone from stand, some various regen. Very good WP regen and saplings. Mixed natural stand with patches of species throughout.																																																											
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74	42120 - Planted Jack Pine	Sapling Well	21.8	16	Immature	N/A	Trenched and planted (FTP 42-690) spring 2009. A few WP poles left standing. West edge has scotch pine volunteers. JP 3-5' tall. The ORV trail runs through this stand. 1997: Stand harvested as "High Bridge Patches", sale #010-07-01. Completed 5/29/08. Regeneration survey summer 2012: JP = 629 TPA = 629. Replant east 1/2 spring 2011. 10/20/24 Inventory remains accurate. Filling with jack pine(20ish feet), with natural scotch pine regen filling in. Aspen also poking into any gaps in the pine canopy.																																																											
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75	4212 - Planted Jack Pine	Unspecified	4.6	6	Unspecified			10/24 inventory: JP Doing well maple and oak seedlings coming in as well slash from pct minimal. no scotch pine overtopong jp. NOTE: Stand PCT occurred 9/2024, no treatment report generated. NON POW treatment. Brush saw release of planted spp. Removal of all scotch pine and competing vegetation. Doc's added to stand data. Treatment for herbicide use monitor completed. Artificial Regen check 9/6/23 Planted Jack Pine 802 TPA Non Target 1120 TPA Stand harvested via Clearcut - Final Trial Pine 42-27-17: Winter of 2019/2020. 07/15/2020 - herbicide site prep spray treatment removed (originally on 2020 POW) due to time constraints and budgets resulting from COVID-19 impacts. Trenching of site now complete. Site planted spring of 2021 with 540 TPA of Jack pine; regen check in fall of 2021. Regen survey fall of 2021 (contractor): Jack Pine 900 TPA. Stand harvested as "High Bridge Patches", sale #010-07-01. Completed 5/29/08. Summer 2012: JP = 629 TPA = 629. All species except scotch pine has been cut. Scotch pine readily seeds everywhere! Numerous volunteers. Planted F, 1917 with 2 - 0 Scotch pine and 1 - 0 JP. Stand falls along county road influence, as well as adjacent to ORV trail staging area and snowmobile trail route.																																																										
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76	42110 - Planted Red Pine	Sawtimber Medium	12.4	92	51-80	N/A	NW corner doesn't have much in the way of understory, but more aspen is encountered as you head south throughout the stand. Stand harvested as "High Bridge Patches", sale #010-07-01. Completed 5/29/08. Summer 2012: JP = 584, Aspen=222, RP=81, WP=20 TPA = 907. Stand was originally planted F, 1934 with 2 - 0 R, J. Falls under Two-Hearted River guidelines (HCVA).																																										
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78	42110 - Planted Red Pine	Sawtimber Poor	5.5	102	1-50	N/A	10/20/24 Inventory remains accurate. Fully stocked jp seedling stand, under mixed rp wp xlogs and birch and maple poles throughout. Some log sized birch dying out. Some seedling mortality but still fully stocked. Some bad form JP seedlings but nothing out of the ordinary given site characteristics and topography. Better regen in patches further in.																																										
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79	4123 - Red Oak	Sawtimber Poor	4.8	102	1-50	N/A	Stand split from mixed natural pine to the north. Contains the old logging road from the previous '99 sale. Canopy is open with large older red oak scattered around with uncommonly high oak regeneration of variable heights. Various other spp. bleeding in from other stands.																																										
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80	122 - Road/Parking Lot	None	3.2			No	County Road 407 and it's R.O.W.																																										
81	122 - Road/Parking Lot	None	1.8			No	County Road 410.																																										
82	500 - Water	None	2.2			No	H2O																																										
87	623 - Emergent Wetland	None	12.2			No																																											

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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88	6224 - Treed Bog	None	13.0			No	Wet
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89	42200 - Natural White Pine	Sawtimber Medium	17.1	103	51-80	N/A	Stand is more of a white pine type, with ridges and rolling topography that go down to wet boggy areas. Adjacent pine stand to the west. Stand harvested via shelterwood as "CCC Camp Pine", sale #015-07-01. Complete 10/5/09. Regeneration check in 2014 (trees/acre): WP-783, RM-783, A-269, Fs-196, S-73, RO-49. Aspen and Birch are filling in after harvest. Old white pine and some hemlock found leading into the bog
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Canopy Species	% Cover	Size Class	DBH	Age
Paper Birch	5	Log/Pole	10	27
White Spruce	10	Log/Pole	10	
White Pine	70	Log/XLog	16	103
Red Pine	15	Log	14	

Sub-Canopy Species	Density	Avg. Height	Size
White Pine	Medium	Variable	Variable
Black Spruce	Medium	Variable	Variable
Red Maple	Medium	Variable	Variable
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