



Compartment Review Presentation

Newberry Forest Management Unit

Compartment 42041

Entry Year 2023

Acreage: 1,491

County Luce

Management Area: Deer Park

Revision Date: 2021-12-29

Stand Examiner: Amy Livermore

Legal Description:

T49N R09W Sections 13, 14, 23, 24, 25, 26 McMillan Township

Identified Planning Goals:

Timber, wildlife, recreation, and fisheries 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 through proper management. Forest treatments prescribed will help ensure the sustainability of the forest resource and continue to enhance the quality of the wildlife habitat.

Soil and topography:

Soil types include Wallace, Rubicon-Spot Mix, ponded Histols & Aquent, Rousseau fine sand; Carbondale, Lupton, Tawas; Spot-Dawson Peats, Rousseau-Dawson Complex, and a small pocket of Finch Sand. The topography in this compartment is steep to rolling with kettle lakes and pine ridges scattered throughout the area.

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

The compartment is state owned, except for a private 40 in the southeast and two 40s on the west side that are completely surrounded by private and Forestland Group. There is a combination of private land and Forestland Group surrounding the compartment. Land use in this compartment include hunting, fishing, wildlife/nature viewing, dog sledding, ORVs, and hiking.

Unique Natural Features:

Michigan Natural Features Inventory (MNFI) lists the occurrence of high-quality muskeg and high quality dry northern forest. Potential for red-shouldered hawk, goshawk, merlin, great blue heron rookery, eagle, and osprey are also listed. There is potential for moose, wolf, incurvate emerald, frigga fritillary, freija fritillary, ebony boghunter in the boggy areas, and wood turtle. Other potential species include sweet coltsfoot, Wiegand's sedge, northern prostrate clubmoss, fir clubmoss, English sundew, meadow beauty, round-leaved orchis, black crowberry, yellow pitcher-plant, panicled screwstem in bogs and open wetlands. Potential for calypso orchis, Lapland buttercup, ram's head lady's slipper, round-leaved orchid, and limestone oak fern in cedar swamps.

Archeological, Historical, and Cultural Features:

Special Management Designations or Considerations:

Watershed and Fisheries Considerations:

The Little Two-hearted River is a designated trout stream is less than 50 ft in width. The river supports a native brook trout population and receives a run of steelhead in the spring. A series of small inland shallow lakes is located in the northern portion of the compartment. Any treatments near the riparian zones for these waterbodies should buffer 100 ft plus 5 ft per 1% increase in slope. In stands along the Little Two Hearted River where Aspen is a major component, a 300 ft buffer should be adhered to discourage beaver activity.

Wildlife Habitat Considerations:

Compartment 41 lies in north eastern Luce county in the Grand Marais Sandy End Moraine and Outwash ecological sub-subsection and lies in the Deer Park Management Area with Kirtland's warbler, red crossbill and American marten as featured species. Northern portions of the compartment lie in the Dry Northern Forest ERA plan and treatments should be scheduled only when the treatment is designed and intended to perpetuate the covertypes covered by the plan. It lies in the swamp lakes complex with numerous bogs and small lakes with forested ridges extending between the water bodies. The compartment is transitional between the pine dominated country to the north and the hardwood lands to the south, thus the species composition of the compartment and individual stands is quite high. The compartment is varied with a mixture of red, white and jack pine types, mixed conifer, lowland mixed, hemlock, treed bogs, upland mixed types, lowland conifer and mixed deciduous stands.

Red crossbills (featured species) will benefit from scattered white pine left in harvested stands. Retention pockets left in harvested stands will contain as much species diversity as exists in the stand to benefit a suite of wildlife species and provide den and nest sites, foraging sites and resting trees. Marten (featured species) will benefit from scattered trees as resting sites and from coarse woody debris that results as retained trees fall over and provide small mammal habitat and marten hunting sites.

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 metallic minerals in this area. The nearest active sand/gravel pit is more than five miles to the southeast. There may be some limited potential for sand & gravel (primarily sand) within the compartment on the uplands. No current mineral leasing activity exists in the area.

Vehicle Access:

Swamp Lakes Rd runs along the southern compartment boundary. Culhane Grade runs through the center of the compartment. County Road 414 runs through the northern part of the compartment. County Road 500 runs along part of the eastern compartment boundary. There are unmaintained forest trails that can be accessed by vehicle.

Survey Needs:

A survey is needed around the private 40 in section 24. There are treatments on the north and west side of the private 40. Another survey is needed in section 13 for the treatment on stand 30.

Recreational Facilities and Opportunities:

Recreational opportunities include ORV riding, hunting, fishing, wildlife/nature view, dog sledding, and hiking. The North Country Pathway runs through the compartment. Fishing opportunities exist in the Little Two Hearted River. Dog sledders use the forest roads all year to run their sled dogs.

Fire Protection:

Recreational opportunities include ORV riding, hunting, fishing, wildlife/nature view, dog sledding, and hiking. The North Country Pathway runs through the compartment. Fishing opportunities exist in the Little Two Hearted River. Dog sledders use the forest roads all year to run their sled dogs.

Additional Compartment Information:

The following reports from the Inventory are attached:

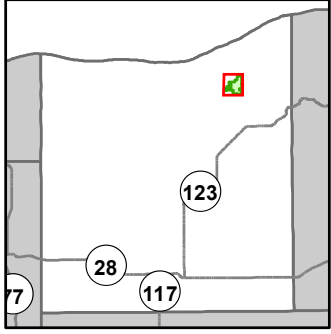
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

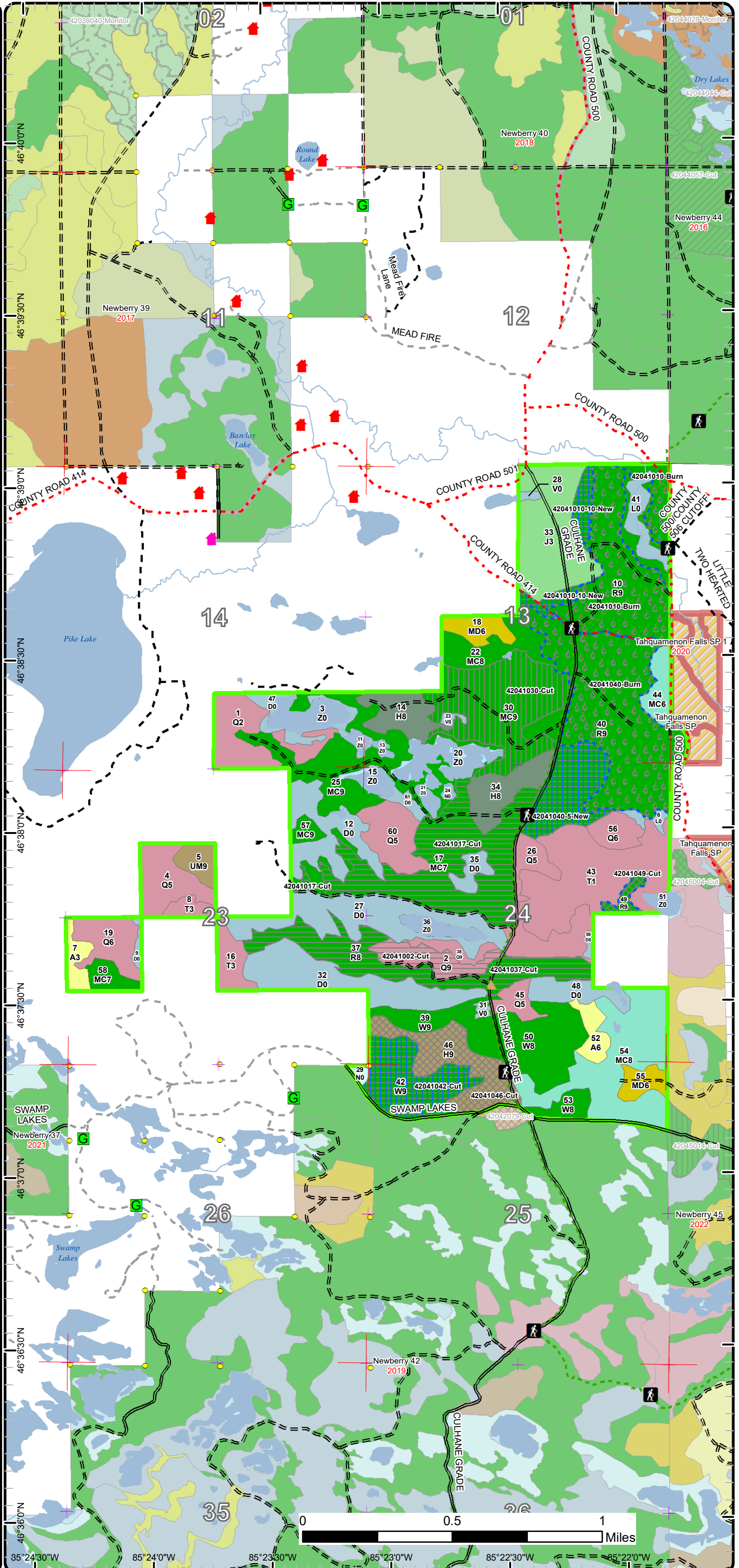
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 41
 T49N, R09W, Sec. 13, 14, 23-26
 T49N, R08W, Sec. 18
 County: Luce
 Unit: Newberry
 Mgmt Area: Deer Park
 YOE: 2023
 Acres: 1490.7 GIS Calculated
 Examiner: Amy Livernore
 Map Revised: 12/29/2021
 Map Phase: Post-Review

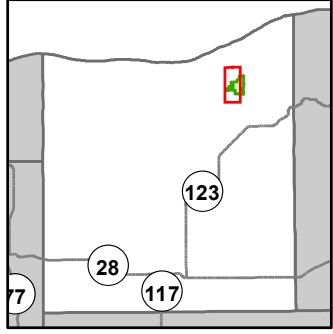


- Miris Corners
- Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Secondary Forest Road
- == DNR - Forest Access Route
- Federal / State / County - Paved Road
- - - Federal / State - Dirt / Gravel Road
- . - . County - Gravel Road
- - - Private - Dirt / Gravel Road
- Hiking Trails
- Designated Hiking Trails
- Island in Lake or River
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Cabin
- Structure, Seasonal Dwelling
- Berms
- Gate
- Compartment Boundary
- Treatments with Site Conditions
- Selection (Group, Single Tree)
- Clearcut (w/Reserves)
- Prescribed Burn
- Seed Tree (w/Reserves)
- Shelter Wood (w/Reserves)
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 612 - Lowland Coniferous Forest
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland

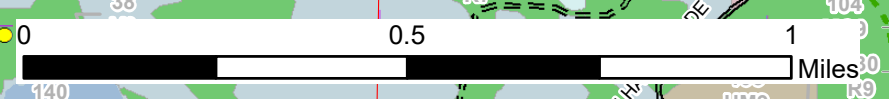
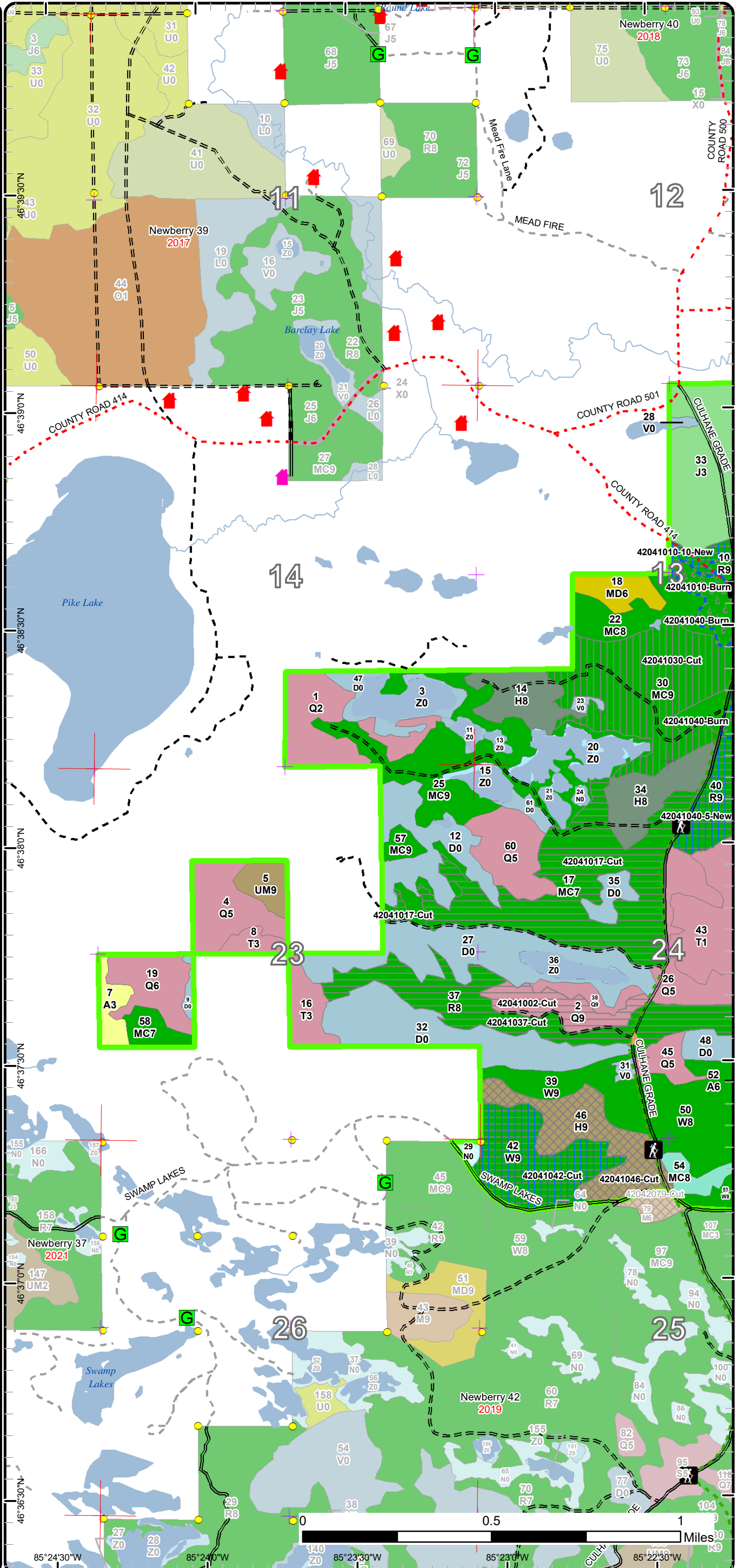


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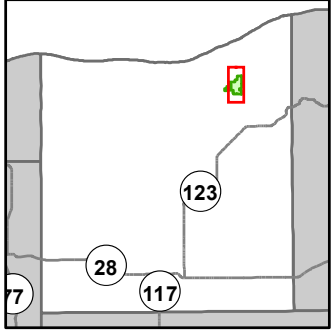
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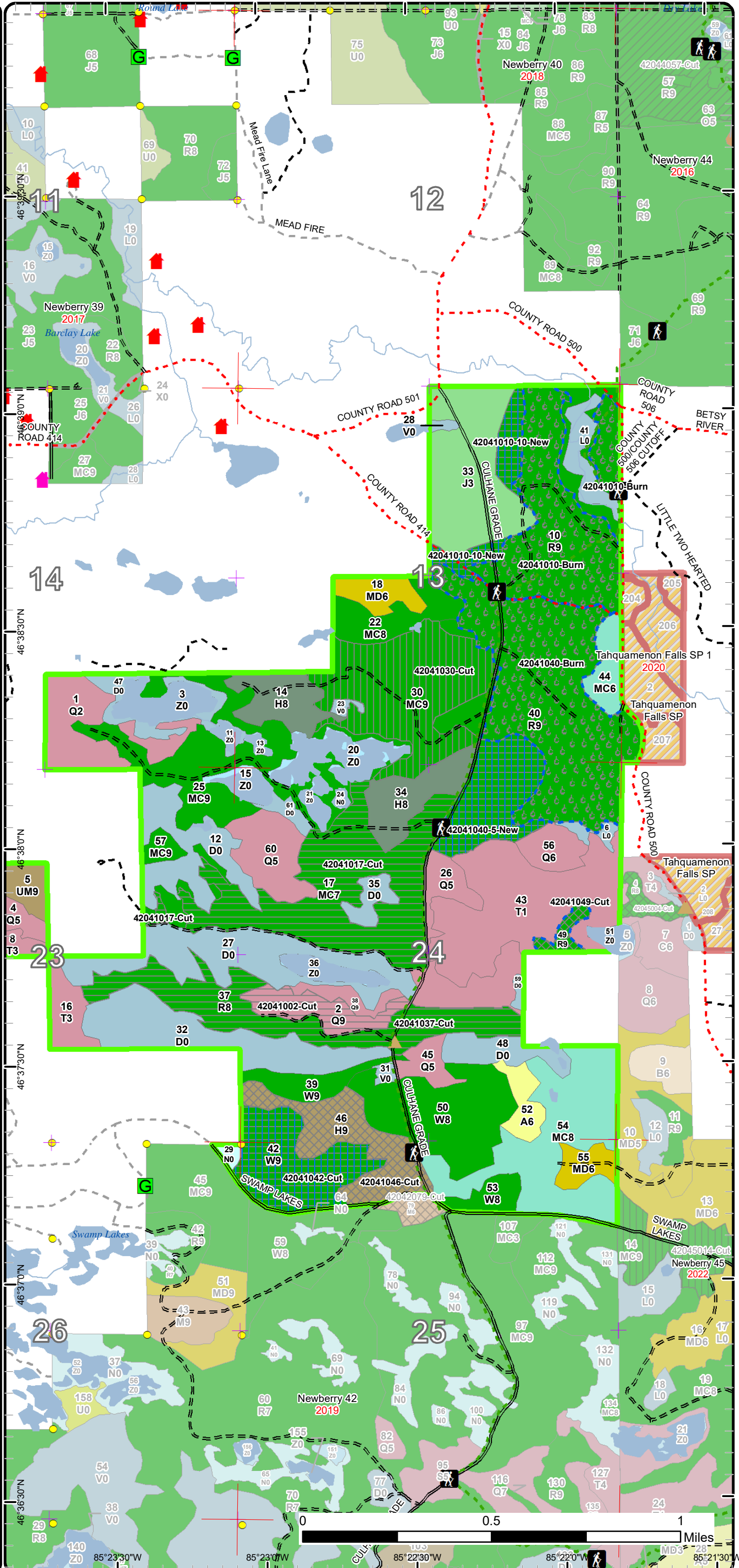
85°24'30"W 85°24'0"W 85°23'30"W 85°23'0"W

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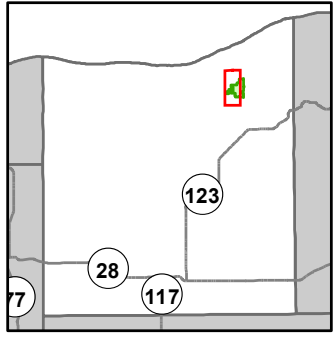


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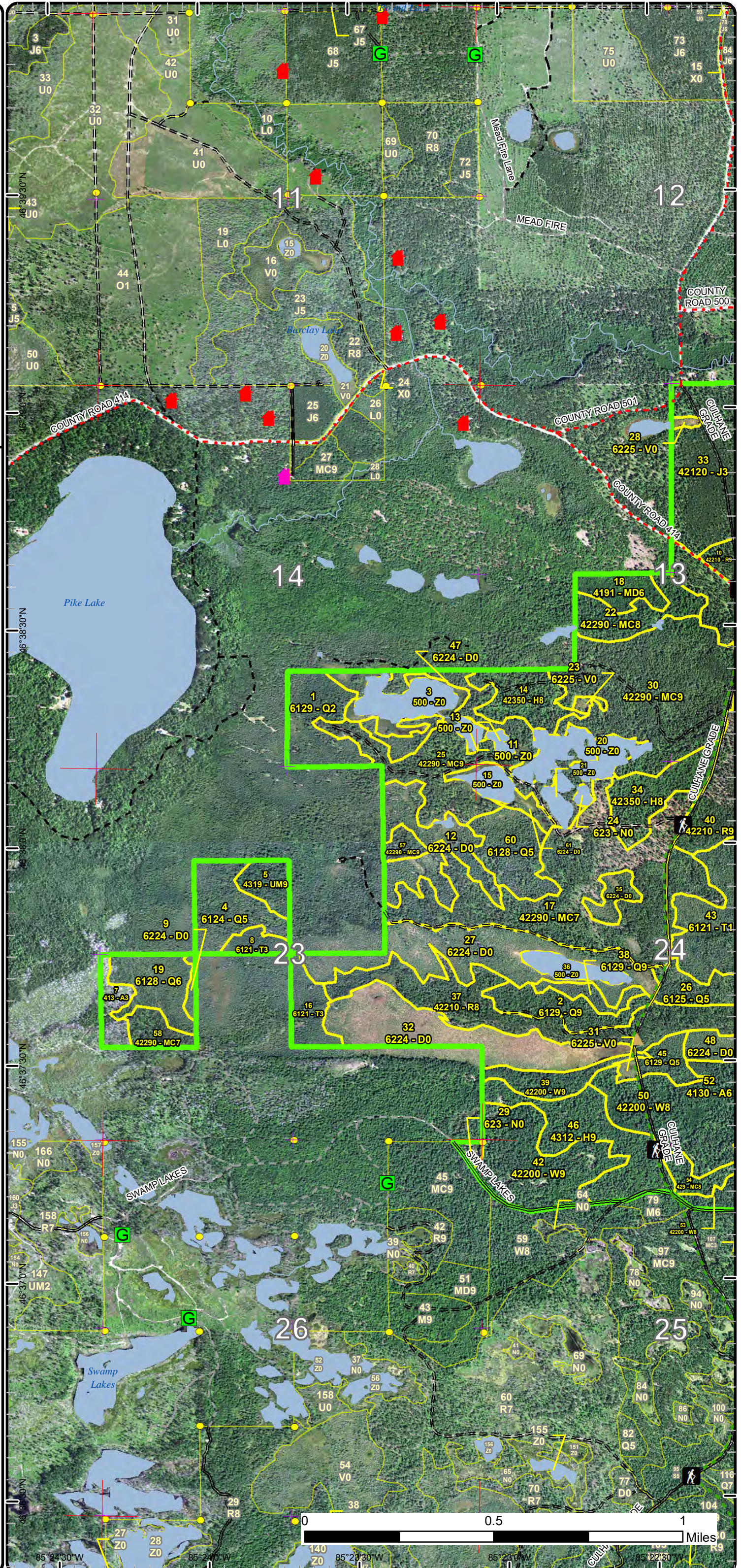


Stand Boundary Map

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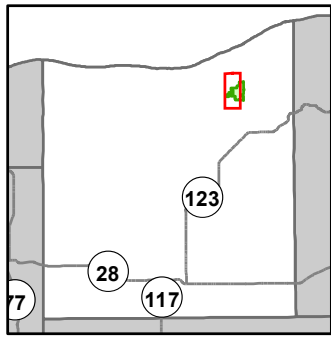


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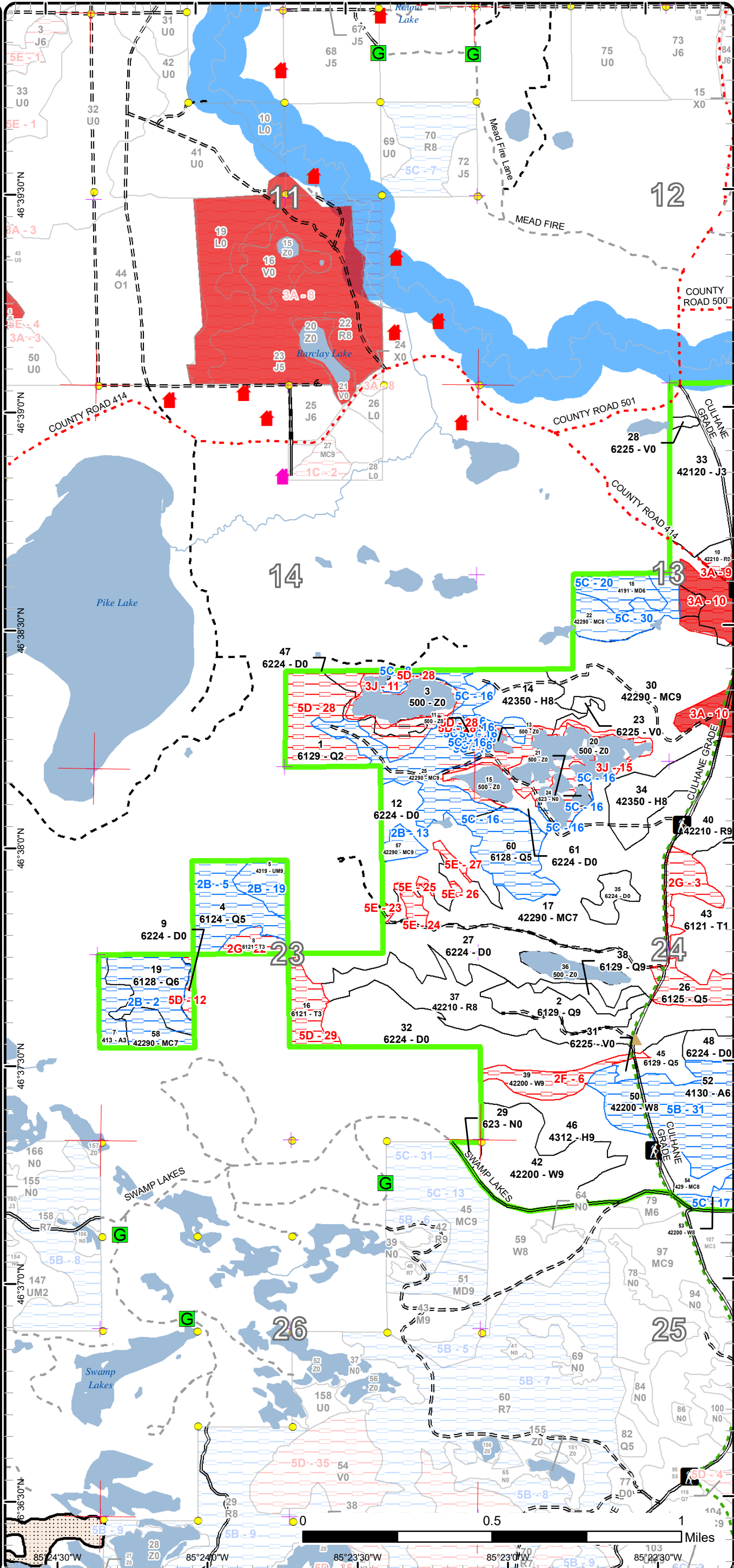


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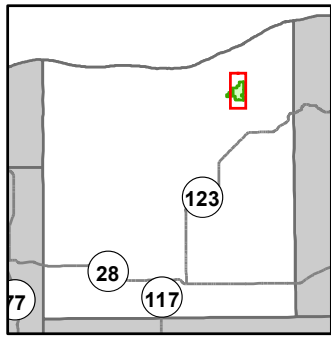
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- ▲ Berms
- G Gate
- Compartment Boundary
- Available w/ Constraints
- 5B: Maintain for regeneration purposes
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- Unavailable
- 2F: Too steep
- 2G: Too wet (sensitive soils, does not include access issues)
- 3A: Conservation Values incompatible with harvest at this time
- 3J: Water quality / BMPs (stream, river, or lake)
- 5D: Unproductive Forest Land
- 5E: Long-Term Retention
- Stand Boundaries
- SCA
- Ecological Reference Areas
- Cold Water Streams
- Cold Water Lakes
- High Priority Trout Stream Buffer
- Type 1 and Type 2 Old Growth



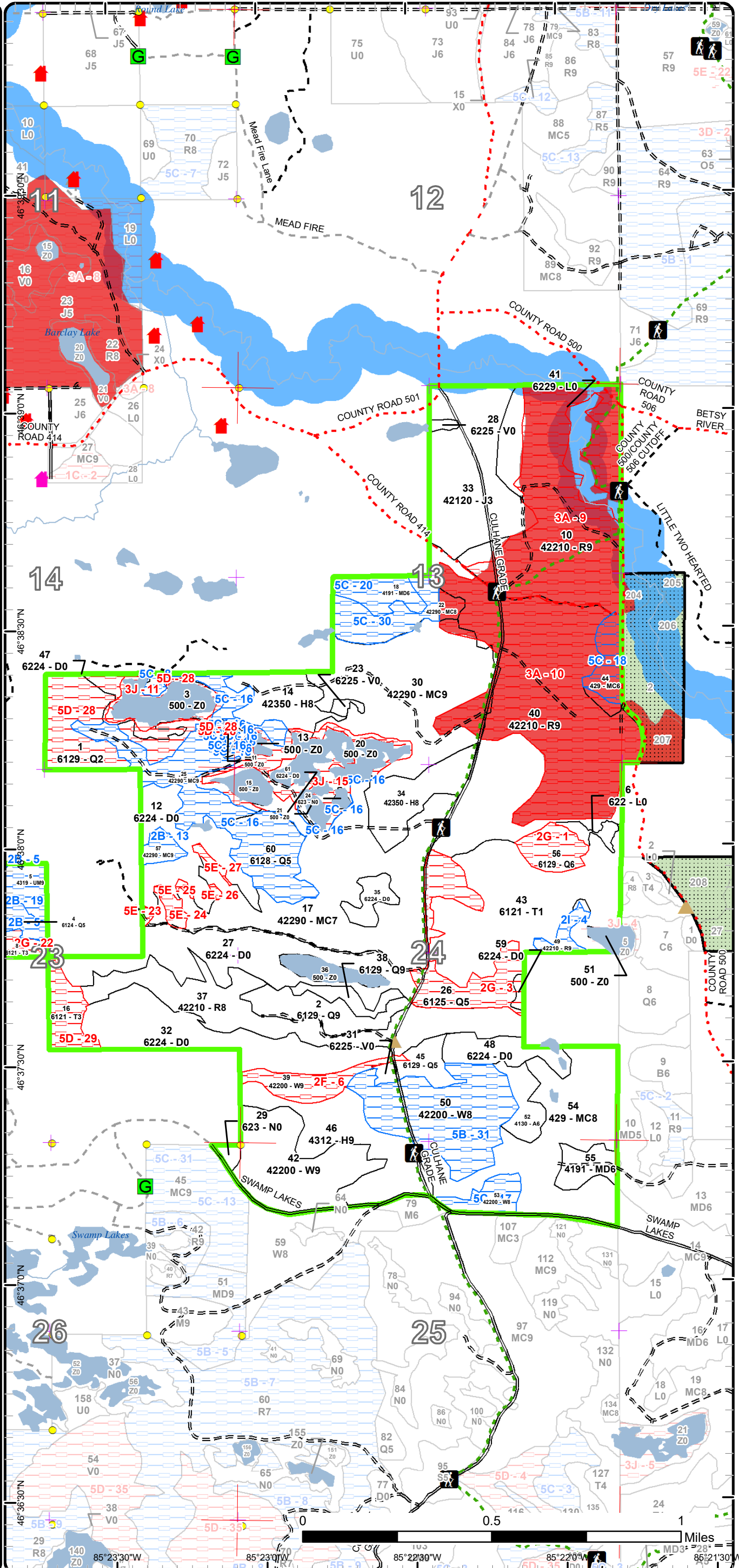
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- Compartment Boundary
- Available w/ Constraints
- 2I: Survey needed
- 5B: Maintain for regeneration purposes
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- Unavailable
- 2F: Too steep
- 2G: Too wet (sensitive soils, does not include access issues)
- 3A: Conservation Values incompatible with harvest at this time
- 3J: Water quality / BMPs (stream, river, or lake)
- 5D: Unproductive Forest Land
- 5E: Long-Term Retention
- Stand Boundaries
- SCA
- Ecological Reference Areas
- Cold Water Streams
- Cold Water Lakes
- High Priority Trout Stream Buffer
- Recreational/Scenic Value Area



Report 1 – Total Acres by Cover Type and Age Class

Newberry Mgt. Unit

Compartment 41

Year of Entry 2023

Amy Livermore : Examiner



Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Uneven-Aged	Total
Aspen	0	9	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	19
Bog	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Hemlock	0	0	0	0	0	0	0	0	0	0	0	19	0	22	0	38	0	0	79
Jack Pine	0	0	0	0	57	0	0	0	0	0	0	0	0	0	0	0	0	0	56
Lowland Conifers	0	0	0	0	0	37	8	23	0	0	0	17	11	0	49	0	24	0	169
Lowland Shrub	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15
Marsh	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Mixed Upland Deciduous	0	0	0	0	20	0	0	0	0	0	0	0	0	0	0	0	0	0	20
Natural Mixed Pines	0	0	0	0	0	0	0	0	0	0	0	0	9	103	169	0	0	0	280
Red Pine	0	0	0	0	0	0	0	0	0	0	0	0	62	0	262	0	0	0	323
Tamarack	0	0	0	88	0	0	0	6	0	0	0	0	0	0	0	0	0	0	94
Treed Bog	172	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	172
Upland Conifers	0	0	0	0	0	12	0	0	0	0	68	0	0	0	0	0	0	0	80
Upland Mixed Forest	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	10
Water	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50
White Pine	0	0	0	0	0	0	0	0	0	0	9	64	42	0	0	0	0	0	114
Total	245	9	0	88	87	49	8	29	0	0	68	26	165	155	502	0	62	0	1489



Report 2 – Treatment Summary

Newberry Mgt. Unit

Year of Entry: 2023

Compartment 41

Total Compartment Acres: 1,491

Acres of Harvest

Commercial Harvest - 372
 Harvests with Site Condition - 5
 Next Step Harvest - 38
 Habitat Cut - 38

Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overstory Removal	Salvage	Other	Total Acres
Hemlock	0	38	0	0	0	0	0	0	0	38
Lowland Conifers	17	0	0	0	0	0	0	0	0	17
Natural Mixed Pines	91	0	0	0	74	0	0	0	0	165
Red Pine	57	5	0	53	0	0	0	0	0	115
White Pine	0	0	0	42	0	0	0	0	0	42
Total	165	43	0	96	74	0	0	0	0	378

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	378	0	0	0	196	0	0	0	0	574
Next Step	38	379	148	0	270	274	469	0	0	1577
Total	416	379	148	0	467	274	469	0	0	2151



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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:

2	42041002-Cut	17.1	6129 - Mixed Coniferous Lowland Forest	Sawtimber Well	100	81-110	Harvest	Clearcut with Retention	612 - Lowland Coniferous Forest	Even-Aged	No
<p><u>Prescription</u> Cut all trees. Leave pockets of 3 or more hemlock. Leave white pine over 18".</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> hemlock, white pine, red pine, balsam fir, spruce, red maple, paper birch</p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2022</p>											
10	42041010-10-New	16.6	42210 - Natural Red Pine	Sawtimber Well	135	111-140	Harvest	Seed Tree	42210 - Natural Red Pine	Even-Aged	No
<p><u>Prescription</u> Seed tree 10-30 BA. Leave behind best form trees.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> red pine, white pine</p> <p><u>Other Comment:</u> This treatment line must stay out of the ERA boundary.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2022</p>											
10	42041010-Burn	80.4	42210 - Natural Red Pine	Sawtimber Well	135	111-140	Burn	Understory	42210 - Natural Red Pine	Even-Aged	No
<p><u>Prescription</u> Understory burn to promote natural pine regeneration.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> SitePrep, Scarification; Burn, Understory</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> red pine, white pine</p> <p><u>Other Comment:</u> part of dry northern forest ERA</p> <p><u>Site Condition</u> Conservation Values</p> <p><u>Proposed Start Date:</u> 10/1 /2022</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
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17	42041017-Cut	91.2	42290 - Natural Mixed Pine	Sawtimber Poor	120	1-50	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	No
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Prescription Remove all trees 2" and greater in diameter. All retention patches from the previous harvest will be kept for retention.

Specs:

Next Step SitePrep, Roller Chopping; SitePrep, Trenching; Planting, Initial Plant; Pesticide, Skidder - Site Prep; Monitoring, Artificial Regen(1yr);

Treatments: Monitoring, Artificial Regen(3yr); Pesticide, Aerial - Site Prep; Pesticide, Aerial - Release

Acceptable red pine, white pine

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2022

30	42041030-Cut	74.1	42290 - Natural Mixed Pine	Sawtimber Well	131	111-140	Harvest	Shelterwood with Retention	42290 - Natural Mixed Pine	Two-Aged	No
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Prescription 2 stage shelterwood. Thin to 50-60 then in 5-10 years thin to 10-30 move slash away from residual trees then burn. Do not cut hemlock.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory); Burn, Slash

Treatments:

Acceptable red pine, white pine, hemlock, red maple, balsam fir

Regen:

Other There are wet areas/vernal ponds throughout that will need to be excluded from the harvest to avoid disrupting/rutting sensitive soils. Keep

Comment: the treatment line outside of the ERA boundary.

Site Condition

Proposed Start Date: 10/1 /2022

37	42041037-Cut	56.5	42210 - Natural Red Pine	Sawtimber Medium	114	81-110	Harvest	Clearcut with Retention	42210 - Natural Red Pine	Even-Aged	No
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Prescription Clearcut leaving retention on the steep slopes on the edges. Treatment size may vary.

Specs:

Next Step Monitoring, Natural Regen (Intermediate); Planting, Unfurrowed

Treatments:

Acceptable red pine, white pine

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2022

40	42041040-5-New	36.5	42210 - Natural Red Pine	Sawtimber Well	135	111-140	Harvest	Seed Tree	42210 - Natural Red Pine	Even-Aged	No
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Prescription Seed tree 10-30 BA. Leave behind best form trees.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable red pine, white pine

Regen:

Other

Comment: Keep treatment line outside of the ERA boundary.

Site Condition

Proposed Start Date: 10/1 /2022



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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
----------------	-------	-----------------	--------------	-----------	----------	----------------	------------------	----------------------	---------------	-------------

40	42041040-Burn	115.8	42210 - Natural Red Pine	Sawtimber Well	135	111-140	Burn	Understory	42210 - Natural Red Pine	Even-Aged	No
-----------	----------------------	-------	--------------------------	----------------	-----	---------	------	------------	--------------------------	-----------	----

Prescription Understory burn to promote natural pine regeneration.

Specs:

Next Step SitePrep, Scarification; Burn, Understory

Treatments:

Acceptable red pine, white pine

Regen:

Other part of dry northern forest ERA

Comment:

Site Condition Conservation Values

Proposed Start Date: 10/1 /2022

42	42041042-Cut	42.4	42200 - Natural White Pine	Sawtimber Well	121	81-110	Harvest	Seed Tree with Retention	4220 - Natural White Pine	Even-Aged	No
-----------	---------------------	------	----------------------------	----------------	-----	--------	---------	--------------------------	---------------------------	-----------	----

Prescription Seed tree leaving 10-30 BA of evenly spaced and healthy 16"+ white and red pine. Leave hemlock.

Specs:

Next Step Monitoring, Natural Regen (Intermediate)

Treatments:

Acceptable white pine, red pine, quaking aspen, red maple, hemlock

Regen:

Other Stay out of low wet areas.

Comment:

Site Condition

Proposed Start Date: 10/1 /2022

46	42041046-Cut	38.0	4312 - Hemlock, Mixed Deciduous	Sawtimber Well	151	141-170	Harvest	Single Tree Selection	4312 - Hemlock, Mixed Deciduous	Two-Aged	No
-----------	---------------------	------	---------------------------------	----------------	-----	---------	---------	-----------------------	---------------------------------	----------	----

Prescription Thin to 50-70 BA. Remove all beech, except those that appear healthy. Take care to protect any groups of 5 or more yellow birch and hemlock. Do not cut hemlock, yellow birch or white pine over 18". Mark hemlock only for operability.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory); Harvest, Overstory Removal

Treatments:

Acceptable hemlock, balsam fir, red maple, birch, white pine

Regen:

Other Treat with stand 79 in compartment 42.

Comment:

Site Condition

Proposed Start Date: 10/1 /2022

49	42041049-Cut	5.2	42210 - Natural Red Pine	Sawtimber Well	113	81-110	Harvest	Single Tree Selection	4221 - Natural Red Pine	Two-Aged	No
-----------	---------------------	-----	--------------------------	----------------	-----	--------	---------	-----------------------	-------------------------	----------	----

Prescription Thin to 50-60 BA. Take care to leave diversity where present. Target trees for harvest that will be out of size class next YOY.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable red pine, white pine

Regen:

Other Treat with stand 4 compartment 45.

Comment:

Site Condition Survey Needed

Proposed Start Date: 10/1 /2021



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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
79 42042079-Cut	6.0	4115 - Y.Birch, Hemlock NH	Poletimber Well	89	81-110	Harvest	Single Tree Selection	4199 - Other Mixed Upland Deciduous	Even-Aged	No
<p><u>Prescription</u> Thin to 50-70 BA. Remove all beech, except those that appear healthy. Do not cut any yellow birch or hemlock.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> northern hardwoods, hemlock</p> <p><u>Regen:</u></p> <p><u>Other</u> Out of YOE. Treat with stand 46 to north.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2022</p>										

Total Treatment 579.8
Acreege Proposed:

Report 4 – Site Conditions

Newberry Mgt. Unit
Amy Livermore : Examiner

Compartment: 41
Year of Entry: 2023

Availability for Management

Total Acres	Acres Available	Acres Avail		Acres Not Available	Dominant Site Conditions												
		With Condition			2B	2I	5B	5C	2F	2G	3A	3J	5D	5E			
18	10	9		0	Aspen	9											
5	5	0		0	Bog					0							
80	79	0		0	Hemlock								0				
56	56	0		0	Jack Pine												
171	32	67		72	Lowland Conifers	44			23	0	40		0	31			
15	15	0		0	Lowland Shrub												
3	2	0		1	Marsh								1				
20	9	11		0	Mixed Upland Deciduous				11								
279	165	70		44	Natural Mixed Pines	13			57			11	26			6	
323	114	5		205	Red Pine		5					205					
94	74	0		20	Tamarack	0					6		1	13			
172	154	1		17	Treed Bog	0			1		2		7	9			
80	68	10		2	Upland Conifers				10			2					
10	0	10		0	Upland Mixed Forest	10											
50	50	0		0	Water								0				
115	42	60		12	White Pine			51	9	12							
1,491	875	243		373	Total Forested Acres	76	5	51	111	12	48	218	36	53	6		
	59%	16%		25%	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	2G: Too wet (sensitive soils, does not include access issues)	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
Bog							

Report 4 – Site Conditions

Newberry Mgt. Unit
Amy Livermore : Examiner

Compartment: 41
Year of Entry: 2023

2	Available	2B: Unknown if access through adjacent landowner(s) is possible	37	2I: Survey needed	Unspecified	Unspecified	Unspecified
Comments:							
3	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	31	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
4	Available	2I: Survey needed	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Available	2B: Unknown if access through adjacent landowner(s) is possible	24	2I: Survey needed	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	2F: Too steep	13	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
8	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Newberry Mgt. Unit
Amy Livermore : Examiner

Compartment: 41
Year of Entry: 2023

9	Unavailable	3A: Conservation Values incompatible with harvest at this time	93	Unspecified	Unspecified	Unspecified	Unspecified
Comments: ERA Dry Northern Forest							
10	Unavailable	3A: Conservation Values incompatible with harvest at this time	125	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Dry northern forest ERA							
11	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
12	Unavailable	5D: Unproductive Forest Land	2	2G: Too wet (sensitive soils, does not include access issues)	2I: Survey needed	Unspecified	Unspecified
Comments:							
13	Available	2B: Unknown if access through adjacent landowner(s) is possible	5	2I: Survey needed	Unspecified	Unspecified	Unspecified
Comments:							
15	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	28	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Newberry Mgt. Unit
Amy Livermore : Examiner

Compartment: 41
Year of Entry: 2023

16	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	62	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
17	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
18	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
19	Available	2B: Unknown if access through adjacent landowner(s) is possible	10	2I: Survey needed	Unspecified	Unspecified	Unspecified
Comments:							
20	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Newberry Mgt. Unit
Amy Livermore : Examiner

Compartment: 41
Year of Entry: 2023

22	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	6	2I: Survey needed	2B: Unknown if access through adjacent landowner(s) is possible	5D: Unproductive Forest Land	Unspecified
Comments:							
23	Unavailable	5E: Long-Term Retention	1	2I: Survey needed	Unspecified	Unspecified	Unspecified
Comments:							
24	Unavailable	5E: Long-Term Retention	3	2I: Survey needed	Unspecified	Unspecified	Unspecified
Comments:							
25	Unavailable	5E: Long-Term Retention	1	2I: Survey needed	Unspecified	Unspecified	Unspecified
Comments:							
26	Unavailable	5E: Long-Term Retention	1	2I: Survey needed	Unspecified	Unspecified	Unspecified
Comments:							
27	Unavailable	5E: Long-Term Retention	1	2I: Survey needed	Unspecified	Unspecified	Unspecified
Comments:							
28	Unavailable	5D: Unproductive Forest Land	38	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Newberry Mgt. Unit
Amy Livermore : Examiner

Compartment: 41
Year of Entry: 2023

29	Unavailable	5D: Unproductive Forest Land	13	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
30	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	17	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
31	Available	5B: Maintain for regeneration purposes	51	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Mgt. Unit

Compartment: #Type!

Year of Entry:



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

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
Comments				



Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS

* This is a list of SCA's for this compartment along with a 1/4 mile buffer surrounding the compartment. Refer to the Special Conservation Area Map for locations of the below listed Conservation Areas.

ERA = Ecological Reference Area
 HCVA = High Conservation Value Area
 SCA = Special Conservation Area

Conservation Area	Type	Description
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species (e.g., slimy sculpin) to persist from year to year. Coldwater streams in Michigan typically provide these conditions due to substantial contributions of groundwater to their stream flows. Such streams are established by Director's action and designated as trout resources by Fisheries Order 210.
SCA	Riparian Area	A transitional area between aquatic and terrestrial ecosystems in which the terrestrial ecosystem influences the aquatic ecosystem and vice-versa. Because of the unique conditions adjacent to lakes, streams and open water wetlands, riparian areas harbor a high diversity of plants and wildlife. Riparian communities are ecologically and socially significant in their effects on water quality and quantity, as well as aesthetics, habitat, bank stability, timber production, and their contribution to overall biodiversity.
ERA	Ecological Reference Areas	Ecological Reference Areas (ERAs) are high quality examples of natural communities that have been identified as Element Occurrences (EOs) by the Michigan Natural Features Inventory (MNFI) within the context of their natural community classification system. Element Occurrences with viability ranks of A (Excellent) or B (Good) and a Global (G) or State (S) element (rarity) ranking of endangered (1), threatened (2), or rare (3) serve as an initial base of ERAs. They may be located upon any ownership in the State. The system is comprised of individual or associations of natural community types that are managed for restoration and maintenance of natural ecological processes and values. The public may submit recommendations for lands as ERAs using the DNR Conservation Area Recommendation Form.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																				
1	6129 - Mixed Coniferous Lowland Forest	Sapling Medium	31.4	40	1-50	N/A	Mostly forested bog. Scattered tamarack and cedar. Stand has some open pockets. Some red pine along the edges of the stand.																																																																				
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3	500 - Water	Nonstocked	12.0			No																																																																					
4	6124 - Lowland Spruce-Fir	Poletimber Medium	24.2	157		N/A																																																																					
5	4319 - Mixed Upland Forest	Sawtimber Well	9.5	121	111-140	N/A																																																																					
6	622 - Lowland Shrub	Nonstocked	3.2		Unspecified	No																																																																					
7	413 - Aspen	Sapling Well	8.6	9	Immature	N/A	Was burned in duck lake fire																																																																				
8	6121 - Tamarack	Sapling Well	5.9	60	51-80	N/A																																																																					
9	6224 - Treed Bog	Nonstocked	2.3			No																																																																					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																							
10	42210 - Natural Red Pine	Sawtimber Well	105.8	135	111-140	N/A	Stand was pruned and thinned in 1959 and 1960, respectively. The majority of the volume is in the 10-16 inch DBH classes. The crowns of the trees are large and there is no red pine regeneration in the understory. Thinned in 2015, 42-023-13-01, Rookie Ridge Red Pine.																																																							
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12	6224 - Treed Bog	Nonstocked	30.2		Immature	No																																																								
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13	500 - Water	Nonstocked	1.5			No																																																								
14	42350 - Upland Hemlock	Sawtimber Medium	19.4	110	51-80	N/A	Hemlock is big and old. Some have a DBH of more than 20 inches. There is some good hemlock regeneration in some areas. This stand was harvested as part of Sale # 23-93-1.																																																							
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15	500 - Water	Nonstocked	6.5			No																																																								
16	6121 - Tamarack	Sapling Well	12.7	26	1-50	N/A																																																								
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments			
17	42290 - Natural Mixed Pine	Sawtimber Poor	97.6	120	1-50	N/A	Very little red pine regeneration in the understory. Stand was thinned as Culhane Grade Pine, sale #42-03-01. Completed 7/31/2007. Summer 2011 Regen Check:RP 239 t/ac, WP 16 t/ac, RM 223 t/ac, Hen 58 t/ac, WS 6 t/ac.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
White Pine		50	Log/XLog	17		Bigtooth Aspen		Low	Variable	Tall Shrub
Red Pine		50	Log/XLog	16	120	Black Spruce		Low	Variable	Tall Shrub
						White Pine	Low	Variable	Tall Shrub	
18	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	11.1	38	111-140	N/A	Cut as part of sale # 42-21-83. Grown in road runs along Southern boundary of the stand.			
Canopy Species		% Cover	Size Class	DBH	Age					
Quaking Aspen		20	Sapling/Pole	4	38					
Red Pine		5	Log	14						
White Pine		10	Log	16						
Yellow Birch		5	Sapling	3						
Paper Birch		35	Pole	7	38					
Hemlock		5	Log	10						
Pin Cherry		5	Sapling	4						
Balsam Fir		5	Pole/Sapling	6						
Red Maple		10	Pole/Log	8						
19	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	20.0	132	81-110	N/A				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	
Red Maple		20	Pole/Sapling	7		Balsam Poplar	High	Variable	Sapling	
White Spruce		20	Pole/Sapling	7		Balsam Fir	High	Variable	Sapling	
Northern White Cedar		20	Pole/Sapling	7	132	Alder	High	Variable	Tall Shrub	
White Pine		20	Pole/Sapling	7						
Hemlock		20	Pole/Sapling	7						
20	500 - Water	Nonstocked	16.4			No				
21	500 - Water	Nonstocked	2.0			No				
22	42290 - Natural Mixed Pine	Sawtimber Medium	19.3	131	111-140	N/A	Drainage runs through eastern part of stand.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	
White Pine		50	Log/XLog	16	131	Red Maple	Full	>20 feet	Sapling	
Red Pine		50	Log/XLog	15		Balsam Poplar	Medium	>20 feet	Pole	
						Black Cherry	Low	>20 feet	Sapling	
						Paper Birch	Medium	>20 feet	Sapling	
23	6225 - Bog	Nonstocked	1.6	0	Unspecified	No				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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24 623 - Emergent Wetland Nonstocked 1.0 No

25 42290 - Natural Mixed Pine Sawtimber Well 62.5 138 81-110 N/A Part of stand 17 that was not cut. The road that runs through the stand on the north side is very wet. Parts of the stand are very wet.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	5	Pole/Sapling	5		Red Maple	Low	Variable	Sapling
Red Maple	5	Pole/Sapling	6		White Spruce	Low	Variable	Sapling
Paper Birch	5	Pole/Sapling	6		White Pine	Low	< 5 feet	Sapling
White Pine	40	Log/XLog	14	138				
Red Pine	25	Log/Pole	12	138				
Hemlock	15	Log/Pole	12					
Jack Pine	5	Log	11					

26 6125 - Lowland Black Spruce, Jack Pine Poletimber Medium 29.0 138 81-110 N/A Lots of standing water in stand

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	30	Pole	9	138	Red Maple	Full	Variable	Sapling
Red Pine	5	Pole	7		Black Spruce	Medium	Variable	Sapling
Black Spruce	35	Pole	7	138	Leatherleaf	Full	5 - 10 feet	Tall Shrub
Red Maple	5	Pole/Sapling	6					
Jack Pine	25	Pole	8					

27 6224 - Treed Bog Nonstocked 51.9 Immature No Boggy, some exposed water, grass-pink orchids.

Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	Low	>20 feet	Sapling
Paper Birch	Low	>20 feet	Sapling
Tamarack	Low	>20 feet	Sapling
White Pine	High	>20 feet	Sapling
Leatherleaf	Full	5 - 10 feet	Tall Shrub

28 6225 - Bog Nonstocked 1.4 0 Unspecified No

29 623 - Emergent Wetland Nonstocked 2.1 No

Sub-Canopy Species	Density	Avg. Height	Size
Leatherleaf	Medium	5 - 10 feet	Tall Shrub
White Pine	Medium	>20 feet	Pole



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																											
30	42290 - Natural Mixed Pine	Sawtimber Well	86.8	131	111-140	N/A	Stand is very variable. There are some lowland leatherleaf pockets scattered through the stand.																																																											
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31	6225 - Bog	Nonstocked	1.8	0	Unspecified	No																																																												
32	6224 - Treed Bog	Nonstocked	47.7		Immature	No	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Mixes Sedges/Grasses</td> <td>Full</td> <td>Unspecified</td> <td>Non-Wood</td> </tr> <tr> <td>Tamarack</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Black Spruce</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>	Sub-Canopy Species	Density	Avg. Height	Size	Mixes Sedges/Grasses	Full	Unspecified	Non-Wood	Tamarack	Medium	10 - 20 feet	Sapling	Black Spruce	Low	10 - 20 feet	Sapling																																											
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33	42120 - Planted Jack Pine	Sapling Well	56.5	36	1-50	N/A	<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>5</td> <td>XLog/Log</td> <td>18</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>5</td> <td>Log/XLog</td> <td>16</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>90</td> <td>Sapling/Pole</td> <td>4</td> <td>36</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>Low</td> <td>< 5 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Red Pine</td> <td>Low</td> <td>< 5 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Jack Pine</td> <td>Low</td> <td>< 5 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Red Maple</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Paper Birch</td> <td>Low</td> <td>>20 feet</td> <td>Sapling</td> </tr> </tbody> </table>	Canopy Species	% Cover	Size Class	DBH	Age	White Pine	5	XLog/Log	18		Red Pine	5	Log/XLog	16		Jack Pine	90	Sapling/Pole	4	36	Sub-Canopy Species	Density	Avg. Height	Size	White Pine	Low	< 5 feet	Tall Shrub	Red Pine	Low	< 5 feet	Tall Shrub	Jack Pine	Low	< 5 feet	Tall Shrub	Red Maple	Low	Variable	Sapling	Paper Birch	Low	>20 feet	Sapling															
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34	42350 - Upland Hemlock	Sawtimber Medium	22.1	130	1-50	N/A	The understory of this stand is loaded with red maple regeneration.																																																											
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35	6224 - Treed Bog	Nonstocked	6.9			No																																																												
36	500 - Water	Nonstocked	7.6			No																																																												



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37	42210 - Natural Red Pine	Sawtimber Medium	56.5	114	81-110	N/A	Stand was harvested as part of the Culhane Grade Pine, Sale # 42-03-01. Sale was completed in 7/31/2011. There is a small amount of RP/WP regeneration present. There are good regeneration pockets where the skid trails were. The west end of the stand turns into smaller red pine/conifer mix. Jack pine is present in a small portion of the stand but does not make up enough to be a canopy species. This part of the stand was not harvested as part of the sale. Summer 2011 Regen Check: RP 239 t/ac, WP 16 t/ac, RM 223 t/ac, Hen 58 t/ac, WS 6 t/ac.																																																		
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38	6129 - Mixed Coniferous Lowland Forest	Sawtimber Well	6.3	40	81-110	N/A																																																			
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39	42200 - Natural White Pine	Sawtimber Well	12.5	113	111-140	N/A	Stand is very steep and wet. Stand is heavy to red pine on the east end but becomes predominantly white pine to the west with some red mixed in.																																																		
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40	42210 - Natural Red Pine	Sawtimber Well	155.9	135	111-140	N/A	Stand was pruned and thinned in 1959 and 1960, respectively. The majority of the volume is in the 10-16 inch DBH classes. The crowns of the trees are large and there is no red pine regeneration in the understory. Thinned in 2015, 42-023-13-01, Rookie Ridge Red Pine.																																																		
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																																	
41	6229 - Mixed lowland shrub	Nonstocked	11.7			No	Little Two Hearted River																																																																																	
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42	42200 - Natural White Pine	Sawtimber Well	42.4	121	81-110	N/A	There are a few small ponds scattered throughout the stand.																																																																																	
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43	6121 - Tamarack	Sapling Poor	75.0	21	Immature	N/A	There are upland pine ridges in the stand.																																																																																	
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44	429 - Mixed Upland Conifers	Poletimber Well	11.8	40	141-170	N/A	The northern edge of the stand has large log/pole sized trees. The middle is pole/sap sized aspen. Red and white pine are scattered through the stand. Subcanopy is mostly 10-20 feet tall, sapling sized trees. Most of the RP and WP is super canopy.																																																																																	
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45	6129 - Mixed Coniferous Lowland Forest	Poletimber Medium	8.4	51	51-80	N/A																																																																																		
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments	
46	4312 - Hemlock, Mixed Deciduous	Sawtimber Well	38.0	151	141-170	N/A	There are canopy gaps throughout the stand where large beech have fallen. Gaps are filling in with mostly beech, hemlock and white pine saplings. BA is variable throughout stand due to the gaps.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Red Maple		15	Log	13		Yellow Birch		
Yellow Birch		20	Log/XLog	14		Beech		
Beech		2	Log/XLog	14		Quaking Aspen		
White Pine		5	Log/Pole/XLog	14		Balsam Fir		
Hemlock		45	Log/XLog	16	151	White Pine		
Paper Birch		5	Pole	7		Hemlock		
Balsam Fir		5	Pole/Log	9				
Quaking Aspen		3	Log	10				
47	6224 - Treed Bog	Nonstocked	13.4	0	Unspecified	No	Mostly forested bog. Scattered tamarack and cedar. Stand has some open pockets. Some red pine along the edges of the stand.	
48	6224 - Treed Bog	Nonstocked	14.3		Unspecified	No		
49	42210 - Natural Red Pine	Sawtimber Well	5.2	113	81-110	N/A	Good red pine regeneration. The private to south looks like it was clear cut 30 years ago and has very good red pine regeneration.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Red Pine		60	Log	16	113	Northern White Cedar		
White Pine		40	Log	15		Red Pine		
						White Pine		
						Black Spruce		
50	42200 - Natural White Pine	Sawtimber Medium	51.3	110	51-80	N/A	Stand was harvested as part of Sale #2-82-01 and #08-94-01. Overstory of RP/WP. Thick understory of aspen, red maple, and balsam fir.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
White Pine		80	Log/XLog	16	110	Red Maple		
Red Pine		20	Log/XLog	16		Beech		
						White Pine		
						Balsam Fir		
						Bigtooth Aspen		
						Paper Birch		
51	500 - Water	Nonstocked	2.5			No		



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
52	4130 - Aspen	Poletimber Well	9.7	32	1-50	N/A	Part of this stand was cut as Sale #17-87-01. Good stocking.
Canopy Species	% Cover	Size Class	DBH	Age			
Red Maple	15	Pole	6				
Paper Birch	5	Pole/Sapling	5				
Quaking Aspen	65	Pole/Sapling	5	32			
White Pine	5	Log/XLog	16				
Balsam Fir	10	Pole	5				
Sub-Canopy Species	Density	Avg. Height	Size				
Red Maple	Low	Variable	Sapling				
Balsam Fir	Low	Variable	Sapling				
53	42200 - Natural White Pine	Sawtimber Medium	9.0	102	51-80	N/A	Stand was thinned as part of Sale # 08-94-01. A lot of red maple in the understory. Stand harvested via seed tree as sale #42-024-13-01, Kentner's Last Stand.
Canopy Species	% Cover	Size Class	DBH	Age			
White Pine	85	Log/XLog	16	102			
Red Pine	15	Log/XLog	16				
Sub-Canopy Species	Density	Avg. Height	Size				
Red Maple	High	Variable	Sapling				
Balsam Fir	Low	Variable	Sapling				
White Pine	Low	Variable	Sapling				
Hemlock	Low	Variable	Pole				
54	429 - Mixed Upland Conifers	Sawtimber Medium	67.7	90	81-110	N/A	
Canopy Species	% Cover	Size Class	DBH	Age			
Paper Birch	5	Pole/Sapling	5				
Black Spruce	20	Pole/Sapling	5				
Tamarack	5	Pole/Sapling	5				
White Pine	20	XLog/Log	18				
Red Pine	10	Log/XLog	15				
Hemlock	30	Log/XLog	15	90			
Red Maple	10	Log	14				
Sub-Canopy Species	Density	Avg. Height	Size				
Red Maple	Low	Variable	Sapling				
White Pine	Medium	Variable	Sapling				
Alder	Low	Variable	Tall Shrub				
Leatherleaf	Medium	Variable	Tall Shrub				
55	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	9.1	37	1-50	N/A	Stand was part of sale # 20-84-1. Treat with stand 13 in neighboring comp 45.
Canopy Species	% Cover	Size Class	DBH	Age			
Red Maple	20	Sapling/Pole	3				
Paper Birch	30	Pole	5	37			
Bigtooth Aspen	25	Pole	7	37			
Balsam Fir	15	Pole	6				
White Pine	10	Pole/Log	8				
Sub-Canopy Species	Density	Avg. Height	Size				
Red Maple	Medium	Variable	Sapling				
Balsam Fir	Medium	Variable	Sapling				
56	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	11.0	113	51-80	N/A	
Canopy Species	% Cover	Size Class	DBH	Age			
Red Pine	40	Pole	9	113			
Tamarack	20	Pole/Sapling	6				
Black Spruce	30	Pole	7				
Red Maple	5	Sapling	4				
Paper Birch	5	Pole	6				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																															
57	42290 - Natural Mixed Pine	Sawtimber Well	4.7	120	111-140	N/A																																																
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58	42290 - Natural Mixed Pine	Sawtimber Poor	8.6	110	81-110	N/A	This stand was likely burned in Duck Lake Fire 2012. It was likely an underburn.																																															
59	6224 - Treed Bog	Nonstocked	1.6	0	Unspecified	No																																																
60	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Medium	23.2	65	81-110	N/A																																																
61	6224 - Treed Bog	Nonstocked	3.7	0	Unspecified	No																																																