



Compartment Review Presentation

Shingleton Forest Management Unit

Compartment 41057

Entry Year 2025

Acreage: 2,605

County Schoolcraft

Management Area: Seney Lake Plain

Stand Examiner: Sheila Clark

Legal Description:

T43N, R15W, Sec 22-26

Identified Planning Goals:

Timber, wildlife, recreation, and fisheries are the main uses of this area. The goal is to manage for all uses simultaneously and to provide, enhance, and perpetuate their uses through proper management. Proposed forest treatments will help ensure the sustainability of the forest resource and continue to enhance the quality of the wildlife habitat.

Soil and topography:

The upland portion of the compartment, which is mainly west of the centerline of sections 4 and 9, is composed of well drained sandy soils and this portion lies within the Hiawatha Moraine Land Type Association (LTA). The eastern portion of the compartment is lower in elevation with the exception of some ridges near the Manistique River is composed of poorly drained sands to muck or peat type soils, this portion of the compartment lies within the Mintfarm LTA. Soil types include: Rubicon Sand, Stutts Kalkaska Complex, Kalkaska Loamy Sand, AuGres Deford Complex, Proper Sand, Paquin Sand, and Carbondale, Lupton, and Tawas Soils.

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

The portion of the compartment which is east of the river is contiguous state ownership except for one forty of private in Section 23. The western portion of the compartment is separated by corporate and private owners. The majority of the land use issues include ATV's in the area are for hunting purposes. The West Branch of the Manistique River also provides opportunities for public use in the area.

Unique Natural Features:

This compartment is currently under review by MNFI.

Archeological, Historical, and Cultural Features:

No Archeological, Historical, or Cultural Features known.

Special Management Designations or Considerations:

Watershed and Fisheries Considerations:

NLMMU – John Bauman: This compartment contains Little Duck Creek, Stutts Creek, West Branch Manistique River, and unnamed streams that serve as tributaries to the West Branch Manistique River. Little Duck Creek, Stutts Creek, West Branch Manistique River, and the unnamed streams are non-designated streams less than 50 foot wide and have predicted mean July temperatures than range from 61.5 to 65.7°F (cold streams). 100-foot, plus 5 feet per 1% increase in slope, buffers are recommended for these waterbodies to protect these areas in accordance with Best Management Practices.

There are elemental occurrences of the State Threatened Wood Turtle within this compartment.

Forestry activities that occur from April 1 through October 31 (active period) will accommodate a 300-foot no-cut buffer along the riparian management zone to protect Wood Turtle during the nesting, post-nesting, and pre-hibernation periods. Forestry activities that occur from November 1 through May 31 (non-active period) will accommodate a 100-foot no-cut buffer along the riparian management zone per best management practices.

Wildlife Habitat Considerations:

Located in the Seney sand lake plain ecological sub-subsection, marsh and ridge complex constitutes the majority of this compartment. The circa 1850 forest cover on the ridges consisted of white pine, red pine, jack pine. Other species in these forests included white birch, aspen, and balsam fir. The western portion of the compartment, along the West Branch Manistique River supported northern hardwood systems including hemlock, sugar maple, beech, and white pine. Lowland forest contained white pine, black spruce, tamarack, and white birch. Current forest show a shift to primarily jack pine on the ridges while the hardwood and lowland forests appear to be similar in species composition to the pre-settlement conditions. Wildlife habitat objectives include creating large blocks of regenerating jack pine, promoting multi-aged white

pine.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of lacustrine (lake) sand and gravel. There is insufficient data to determine the glacial drift thickness. The Silurian Manitoulin Dolomite and Ordovician Queenston Shale subcrop below the glacial drift. The Manitoulin is used for stone/dolomite. The nearest gravel pit is four miles to the west and potential appears to be limited. There is a clay pit 4 miles to the west.

No known potential exists for commercial oil & gas production in this part of the state, and there is no known metallic mineral potential in this area. Active sand/gravel and crushed stone (dolostone) are being produced less than three miles southeast of the compartment. The compartment is dominated by wetlands, which would inhibit significant surface mining. There may be some potential for minor amounts of sand & gravel in Sec 22 on the uplands. No current mineral leasing activity exists in the area, and there are no notable prospects for mineral development in the area at this time. The State does not own all the mineral rights within the compartment. Because the mineral estate is the dominant estate, the surface owner must provide the owner of the mineral rights reasonable access to the surface for mineral exploration and development.

Vehicle Access:

The east portion of the road is accessed from Cal's Drive also known as the West Branch Road. Cal's Drive does not hold up to heavy traffic in a dry summer due to sandy areas. The western portion of the compartment has the Stutts Road going through it or accessed off of Old Camp Manistique Road.

Survey Needs:

None at this time.

Recreational Facilities and Opportunities:

There are no developed recreation facilities within the compartment. Old Camp Manistique Road is also designated as Snowmobile Trail #2, just west of the compartment.

Fire Protection:

Additional Compartment Information:

The following reports from the Inventory are attached:

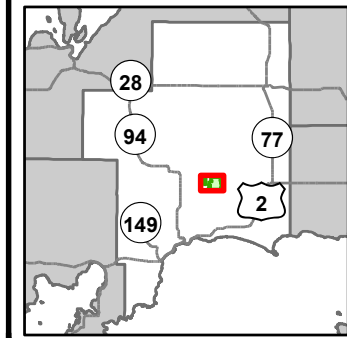
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

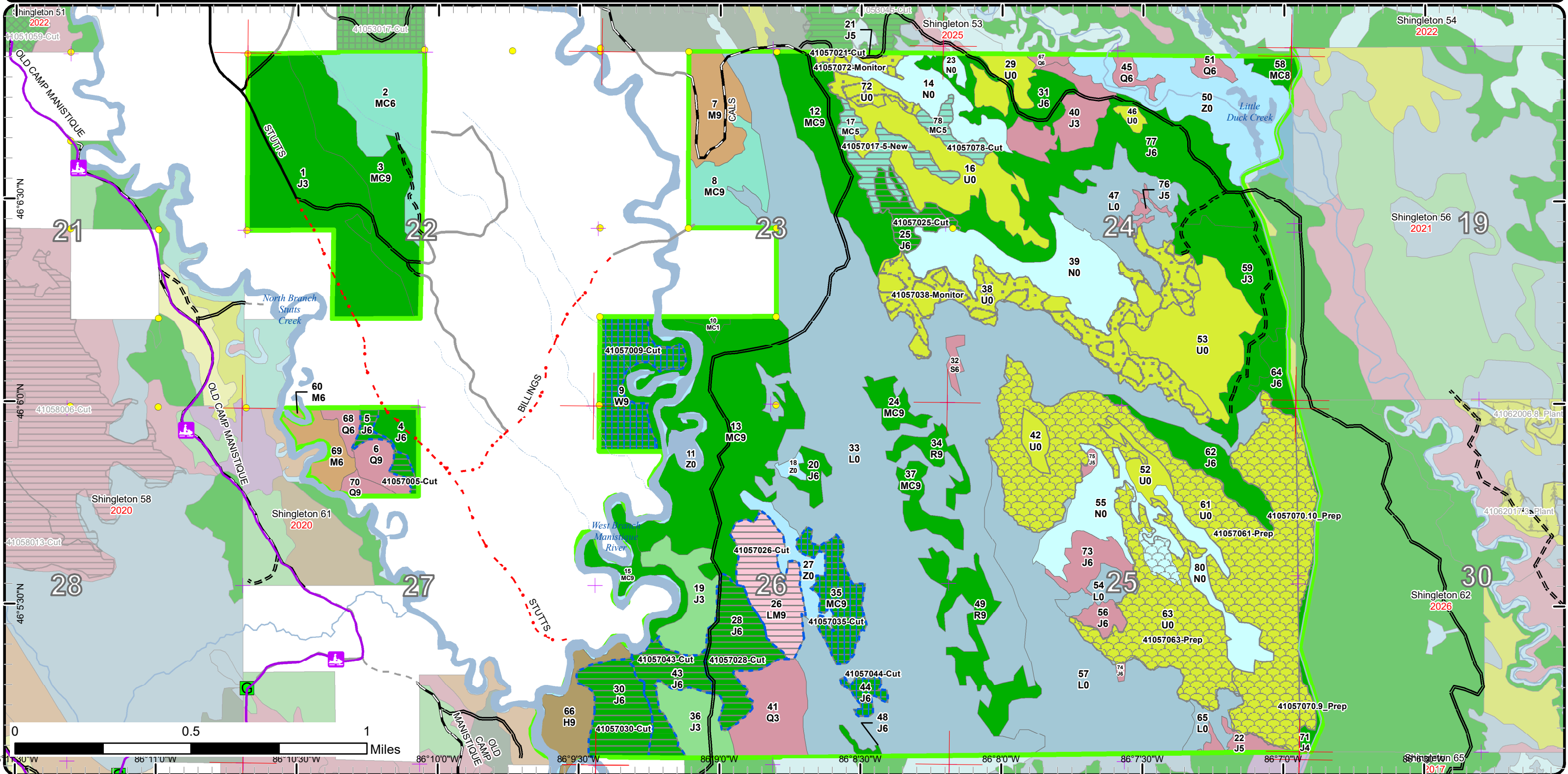
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 57
 T43N, R15W, Sec. 22-27
 County: Schoolcraft
 Unit: Shingleton
 Mgmt Area: Seney Lake Plain
 YOE: 2025
 Acres: 2604.9 GIS Calculated
 Examiner: Sheila Clark
 Map Revised: 8/21/2023
 Map Phase: Review

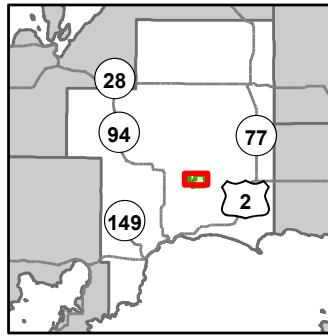


- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- Private - Paved Road
- Private - Dirt / Gravel Road
- Snowmobile Trails
- Designated Snowmobile Trails
- G Gate
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Compartment Boundary
- Treatments with Site Conditions
- Clearcut (w/Reserves)
- Seed Tree (w/Reserves)
- Regeneration Survey
- Site Prep
- 411 - Northern Hardwood
- 421 - Planted Pines
- 422 - Natural Pines
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 330 - Low Density Trees
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland

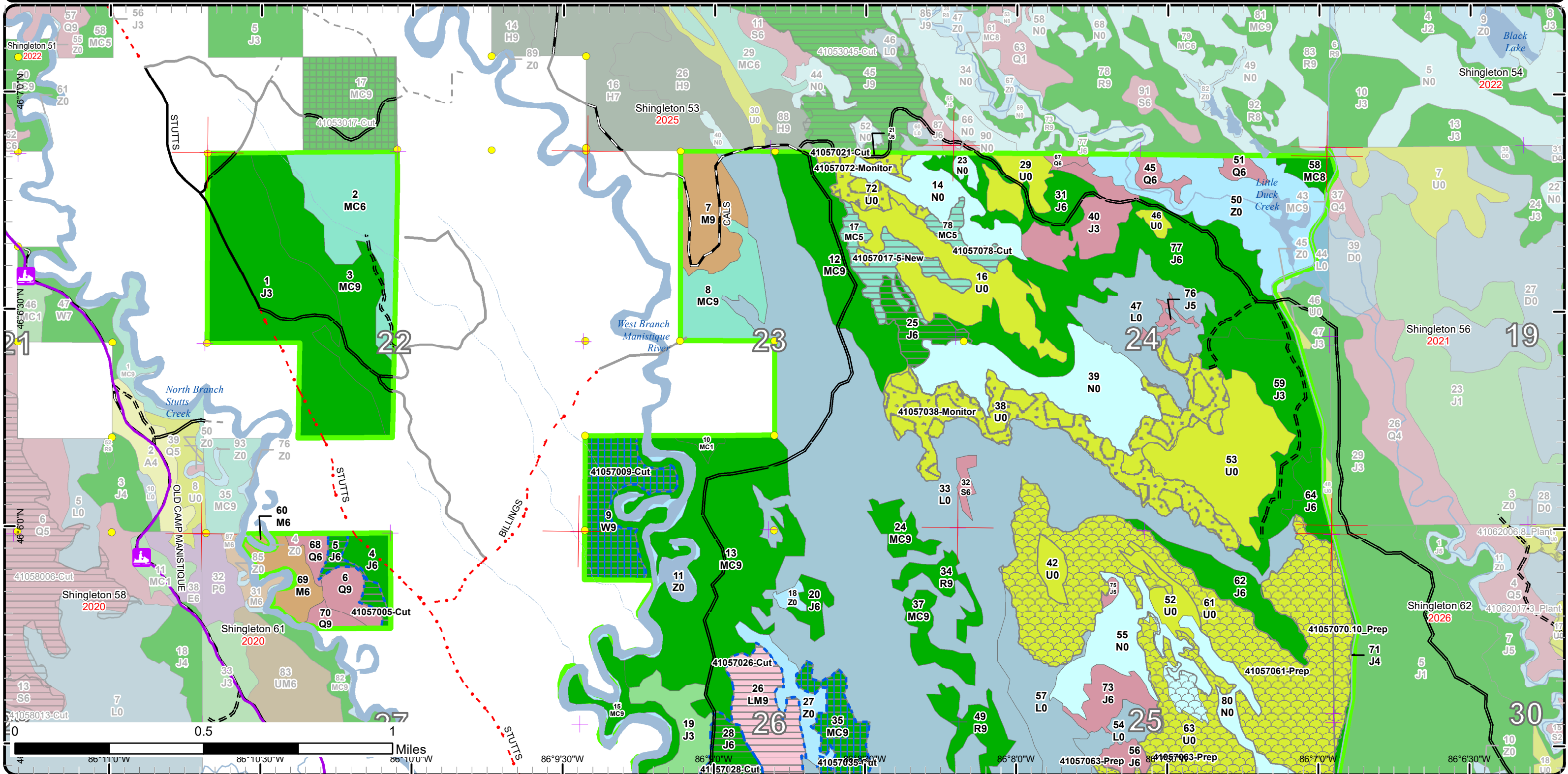


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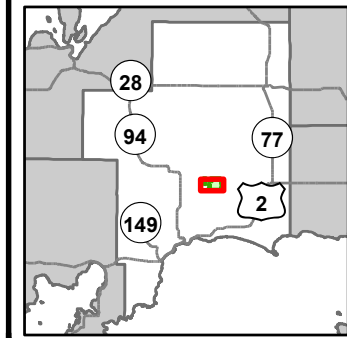


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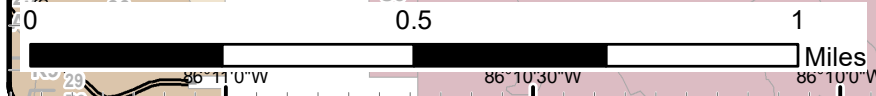
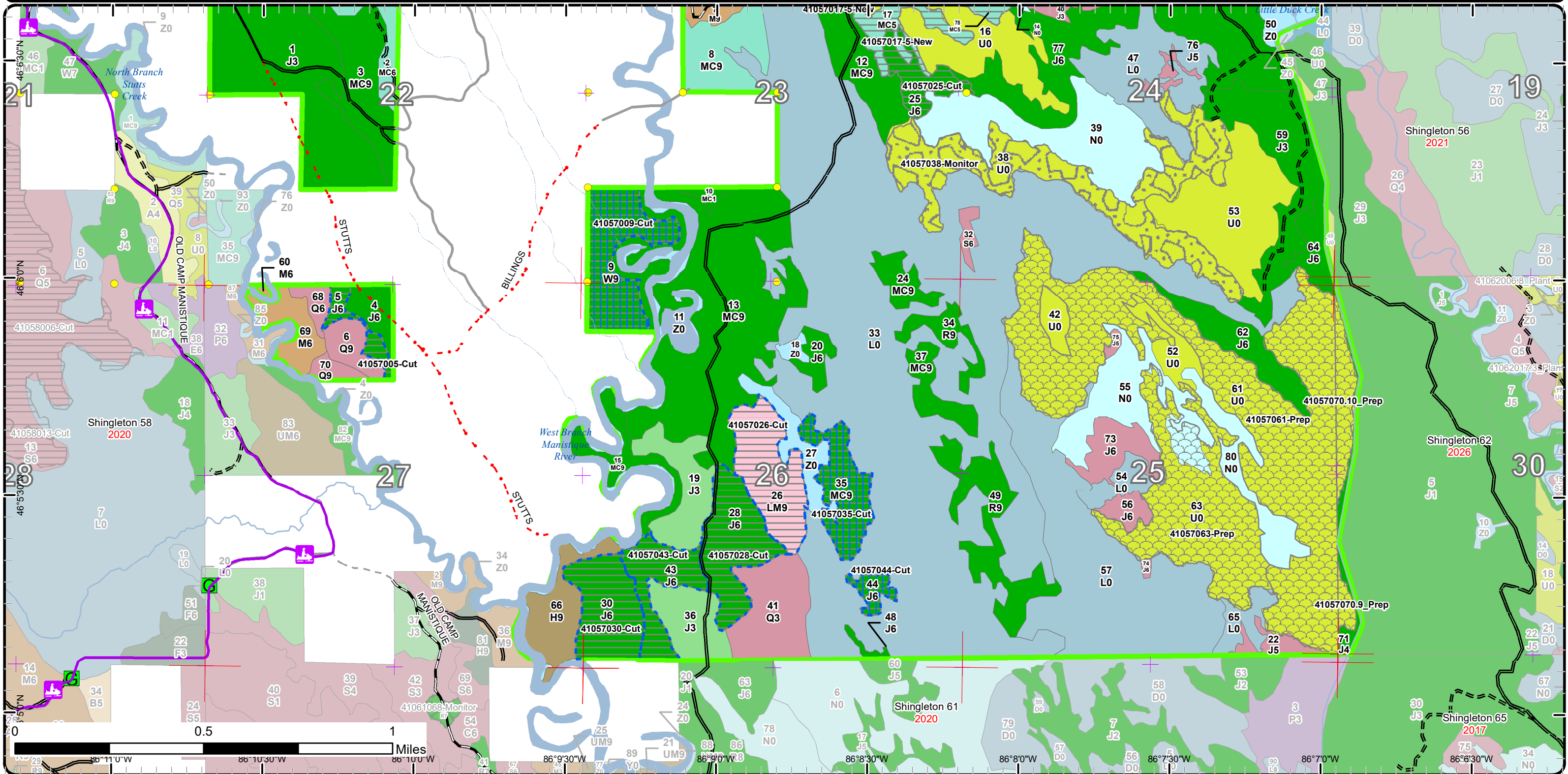


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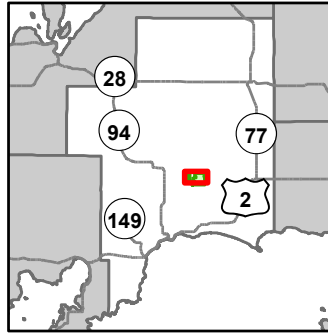


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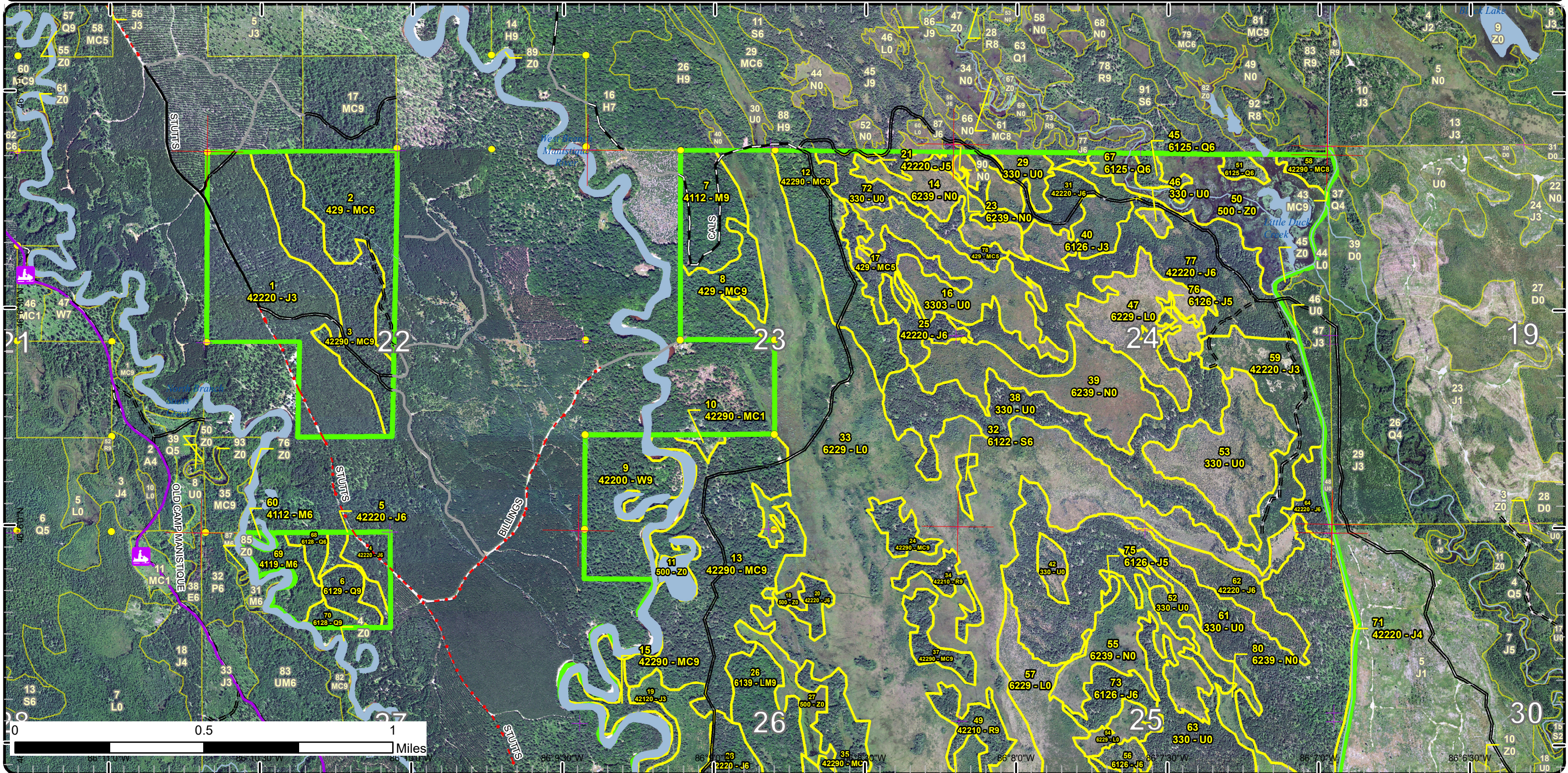


Stand Boundary Map

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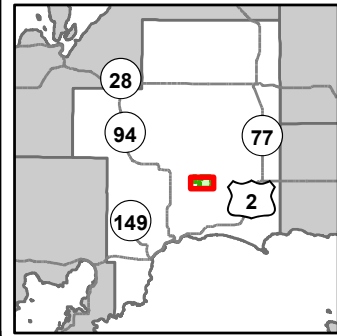


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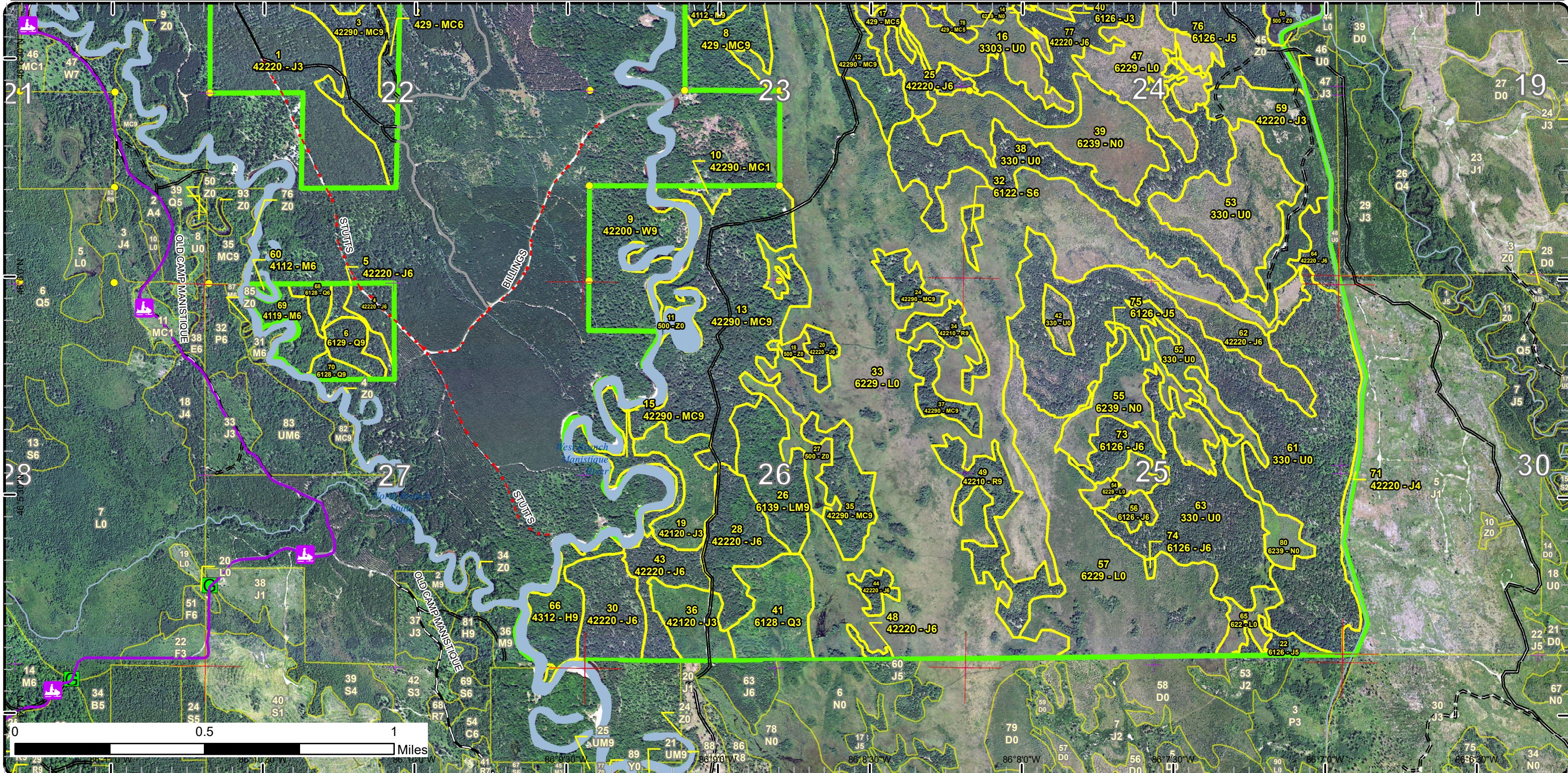


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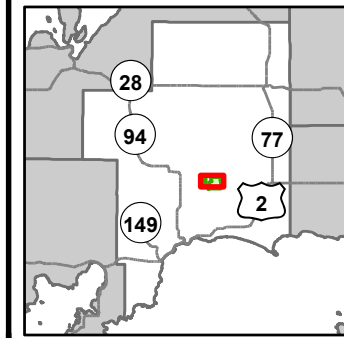


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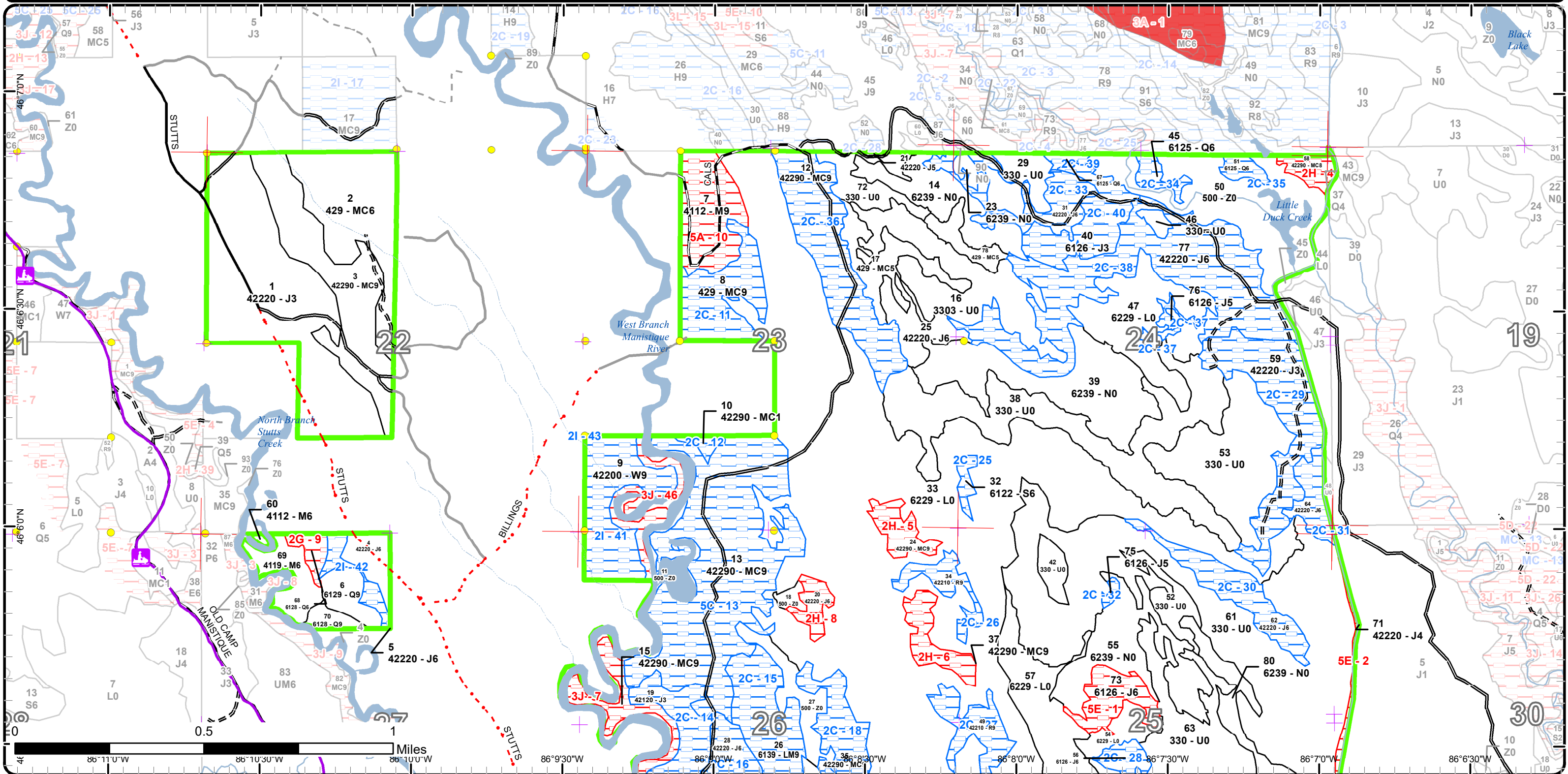


Special Conservation Areas

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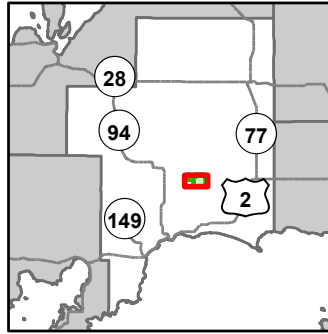
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- Available w/ Constraints
- 2C: Engineered Bridge Needed (Dept. portable bridge not available or inadequate)
- 2I: Survey needed
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- Unavailable
- 2G: Too wet (sensitive soils, does not include access issues)
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- 3J: Water quality / BMPs (stream, river, or lake)
- 5A: Not able to obtain desirable regeneration
- 5E: Long-Term Retention
- Stand Boundaries
- Ecological Reference Areas
- Cold Water Streams



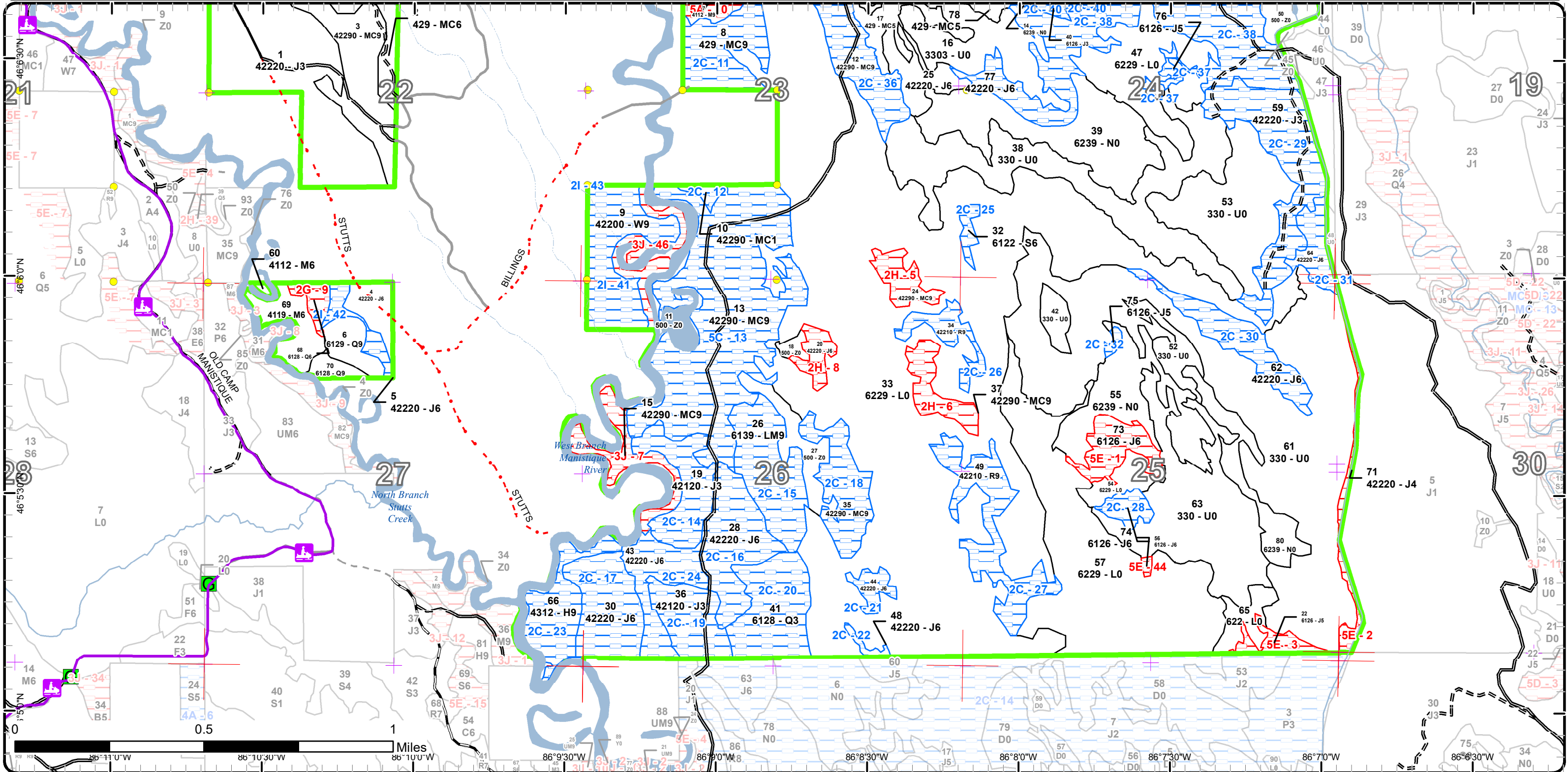
46°70'N 46°60'N 46°50'N 46°40'N 46°30'N 46°20'N 46°10'N 46°0'N
 86°11'0"W 86°10'30"W 86°10'0"W 86°9'30"W 86°9'0"W 86°8'30"W 86°8'0"W 86°7'30"W 86°7'0"W 86°6'30"W
 0.5 1 Miles
 21 22 23 24 25 26 27 28 29 30

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Report 1 – Total Acres by Cover Type and Age Class



Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Unseen-Aged	Total
Hemlock	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	22
Jack Pine	0	0	43	45	0	279	13	101	7	36	0	0	0	0	0	0	0	0	523
Low-Density Trees	496	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	495
Lowland Conifers	0	0	31	0	0	11	10	0	10	0	0	0	0	0	0	0	0	0	62
Lowland Mixed Forest	0	0	0	0	0	0	0	0	32	0	0	0	0	0	0	0	0	0	32
Lowland Shrub	699	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	699
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	3
Marsh	140	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	140
Natural Mixed Pines	0	0	3	0	0	0	0	51	137	69	0	7	0	0	14	0	0	0	280
Northern Hardwood	0	0	0	0	0	0	0	0	0	0	0	29	0	0	0	0	0	16	45
Red Pine	0	0	0	0	0	0	0	0	40	0	0	0	0	0	0	0	0	0	40
Upland Conifers	0	0	0	0	0	49	0	27	0	28	0	0	0	0	0	0	0	0	104
Water	114	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	114
White Pine	0	0	0	0	0	0	0	46	0	0	0	0	0	0	0	0	0	0	46
Total	1449	0	77	45	0	339	23	225	229	133	0	36	0	0	14	0	0	38	2605



Report 2 – Treatment Summary

Shingleton Mgt. Unit
Year of Entry: 2025

Acres of Harvest

Compartment 57
Total Compartment Acres: 2,605

Commercial Harvest - 41
Harvests with Site Condition - 182
Next Step Harvest - 0
Habitat Cut - 0

Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overstory Removal	Salvage	Other	Total Acres
Jack Pine	101	0	0	5	0	0	0	0	0	107
Lowland Mixed Forest	32	0	0	0	0	0	0	0	0	32
Natural Mixed Pines	0	0	0	23	0	0	0	0	0	23
Upland Conifers	27	0	0	0	0	0	0	0	0	27
White Pine	0	0	0	34	0	0	0	0	0	34
Total	161	0	0	62	0	0	0	0	0	223

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	223	274	0	0	0	0	95	0	0	592
Next Step	0	862	469	28	0	0	587	0	0	1946
Total	223	1135	469	28	0	0	683	0	0	2538



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

5	41057005-Cut	6.5	42220 - Natural Jack Pine	Poletimber Well	58	51-80	Harvest	Clearcut	4222 - Natural Jack Pine	Even-Aged	No
<p><u>Prescription</u> Clear cut stand. No retention due to small size. <u>Specs:</u> Cut in the winter due to wood turtles. <u>Next Step</u> SitePrep, Scarification; SitePrep, Trenching; Planting, Initial Plant; Monitoring, Natural Regen (Intermediate); Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr) <u>Acceptable</u> Any current species. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition</u> Survey Needed <u>Proposed Start Date:</u> 10/1 /2024</p>											
9	41057009-Cut	34.4	42200 - Natural White Pine	Sawtimber Well	69	81-110	Harvest	Seed Tree with Retention	429 - Mixed Upland Conifers	Two-Aged	No
<p><u>Prescription</u> Harvest all species over 8 inches in diameter. Do not cut hemlock. Buffer river following BMP guidelines. Add Goshawk and wood turtle specs. There are 2 drains going through the stand, will need to identify to avoid skidding through. Winter cutting would help as well. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Any current species. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition</u> Survey Needed <u>Proposed Start Date:</u> 10/1 /2024</p>											
26	41057026-Cut	32.4	6139 - Mixed Lowland Forest	Sawtimber Well	78	111-140	Harvest	Clearcut with Retention	613 - Lowland Mixed Forest	Even-Aged	No
<p><u>Prescription</u> Clear cut stand. Leave retention along eastern edge. <u>Specs:</u> Cut in the winter due to wood turtles. <u>Next Step</u> Monitoring, Natural Regen (Intermediate) <u>Treatments:</u> <u>Acceptable</u> Any current species. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition</u> Engineered Bridge Needed <u>Proposed Start Date:</u> 10/1 /2024</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
28 41057028-Cut	31.5	42220 - Natural Jack Pine	Poletimber Well	64	111-140	Harvest	Clearcut with Retention	429 - Mixed Upland Conifers	Even-Aged	No
<p><u>Prescription</u> Clear cut stand.</p> <p><u>Specs:</u> Cut in the winter due to wood turtles.</p> <p><u>Next Step</u> SitePrep, Scarification; SitePrep, Trenching; Planting, Initial Plant; Monitoring, Natural Regen (Intermediate); Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr)</p> <p><u>Acceptable</u> Any current species. Jack pine, red pine, white pine, black spruce and aspen.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u> Engineered Bridge Needed</p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>										
30 41057030-Cut	28.5	42220 - Natural Jack Pine	Poletimber Well	88	141-170	Harvest	Clearcut with Retention	4222 - Natural Jack Pine	Even-Aged	No
<p><u>Prescription</u> Stand should be clear cut with retention left along the Creek.</p> <p><u>Specs:</u> 100-foot buffer along creek.</p> <p><u>Next Step</u> SitePrep, Scarification; SitePrep, Trenching; Planting, Initial Plant; Monitoring, Natural Regen (Intermediate); Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr)</p> <p><u>Acceptable</u> Any current species - jack pine, black spruce, aspen, white pine.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u> Engineered Bridge Needed</p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>										
35 41057035-Cut	22.5	42290 - Natural Mixed Pine	Sawtimber Well	80	81-110	Harvest	Seed Tree with Retention	429 - Mixed Upland Conifers	Two-Aged	No
<p><u>Prescription</u> Harvest all merchantable trees except for roughly 40 ba of red and white pine.</p> <p><u>Specs:</u> Cut in the winter due to wood turtles.</p> <p><u>Next Step</u> Monitoring, Natural Regen (Intermediate); Monitoring, Natural Regen (Re-Inventory); Seeding, Machine Seed</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Any current species.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u> Engineered Bridge Needed</p> <p><u>Proposed Start Date:</u> 10/1 /2024</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
43 41057043-Cut	21.0	42220 - Natural Jack Pine	Poletimber Well	64	111-140	Harvest	Clearcut with Retention	4222 - Natural Jack Pine	Even-Aged	No
<p><u>Prescription</u> Clear cut stand. Leave retention along southern edge. <u>Specs:</u> Cut in the winter due to wood turtles. <u>Next Step</u> SitePrep, Scarification; SitePrep, Trenching; Planting, Initial Plant; Monitoring, Natural Regen (Intermediate); Monitoring, Artificial <u>Treatments:</u> Regen(1yr); Monitoring, Artificial Regen(3yr) <u>Acceptable</u> Any current species. Jack Pine, black spruce and aspen. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition</u> Engineered Bridge Needed <u>Proposed Start Date:</u> 10/1 /2024</p>										
44 41057044-Cut	5.3	42220 - Natural Jack Pine	Poletimber Well	80	Unspec ified	Harvest	Seed Tree with Retention	429 - Mixed Upland Conifers	Two-Aged	No
<p><u>Prescription</u> Harvest all merchantable trees except 30-40 ba of red and white pine. <u>Specs:</u> Cut in the winter due to wood turtles. <u>Next Step</u> Seeding, Machine Seed; Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Any current species. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition</u> Engineered Bridge Needed <u>Proposed Start Date:</u> 10/1 /2024</p>										

Approved Treatments:

17 41057017-5-New	19.0	429 - Mixed Upland Conifers	Poletimber Medium	68	81-110	Harvest	Clearcut with Retention	42290 - Natural Mixed Pine	Even-Aged	No
<p><u>Prescription</u> Clearcut with reserves. Cut all species. Leave some scattered red and white pine and black spruce and some along the edges if they exist. <u>Specs:</u> Do not cut any hemlock. <u>Next Step</u> SitePrep, Scarification; SitePrep, Trenching; Planting, Initial Plant; Monitoring, Natural Regen (Intermediate) <u>Treatments:</u> <u>Acceptable</u> A mix of species currently found onsite. <u>Regen:</u> <u>Other</u> Old next step comments: Monitor regeneration. Acceptable regeneration mix is the current canopy species composition. Write and FTP for <u>Comment:</u> cultivation work. <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2014</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
21 41057021-Cut	0.6	42220 - Natural Jack Pine	Poetimber Medium	68	81-110	Harvest	Clearcut with Retention	42290 - Natural Mixed Pine	Even-Aged	No
<p><u>Prescription</u> Clearcut with reserves. Cut all species. Leave some scattered red and white pine and black spruce and some along the edges if they exist. <u>Specs:</u> Do not cut any hemlock.</p> <p><u>Next Step</u> SitePrep, Scarification; SitePrep, Trenching; Planting, Initial Plant; Monitoring, Natural Regen (Intermediate) <u>Treatments:</u></p> <p><u>Acceptable</u> A mix of species currently found onsite. <u>Regen:</u></p> <p><u>Other</u> Old next step comments: Monitor regeneration. Acceptable regeneration mix is the current canopy species composition. Write and FTP for <u>Comment:</u> cultivation work.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2014</p>										
25 41057025-Cut	13.3	42220 - Natural Jack Pine	Poetimber Well	68	111-140	Harvest	Clearcut with Retention	429 - Mixed Upland Conifers	Even-Aged	No
<p><u>Prescription</u> Clearcut with reserves. Leave some scattered red and white pine. <u>Specs:</u></p> <p><u>Next Step</u> SitePrep, Scarification; Monitoring, Natural Regen (Intermediate) <u>Treatments:</u></p> <p><u>Acceptable</u> Any current species. <u>Regen:</u></p> <p><u>Other</u> <u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2014</p>										
38 41057038-Monitor	80.9	330 - Low-Density Trees	Nonstocked	0	Unspecified	Monitoring	Natural Regen (Intermediate)	42290 - Natural Mixed Pine	Even-Aged	No
<p><u>Prescription</u> check regeneration <u>Specs:</u></p> <p><u>Next Step</u> SitePrep, Trenching; Planting, Initial Plant; SitePrep, Scarification <u>Treatments:</u></p> <p><u>Acceptable</u> Jack pine, red pine, black spruce, white pine. <u>Regen:</u></p> <p><u>Other</u> Percent to Treat = 100% <u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/17/2025</p>										
61 41057061-Prep	183.0	330 - Low-Density Trees	Nonstocked	0		SitePrep	Scarification	4222 - Natural Jack Pine	Even-Aged	No
<p><u>Prescription</u> scarify <u>Specs:</u></p> <p><u>Next Step</u> SitePrep, Trenching; Planting, Initial Plant; SitePrep, Scarification <u>Treatments:</u></p> <p><u>Acceptable</u> Jack pine <u>Regen:</u></p> <p><u>Other</u> Percent to Treat = 100% <u>Comment:</u></p> <p><u>Site Condition</u></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
63 41057063-Prep	75.8	330 - Low-Density Trees	Nonstocked	0	Unspecified	SitePrep	Scarification	42220 - Natural Jack Pine	Even-Aged	No
<p><u>Prescription</u> scarification <u>Specs:</u> <u>Next Step</u> SitePrep, Trenching; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr) <u>Treatments:</u> <u>Acceptable</u> Jack pine <u>Regen:</u> <u>Other</u> Percent to Treat = 100% <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2022</p>										
61 41057070.10_Prep	11.9	330 - Low-Density Trees	Nonstocked	0		SitePrep	Scarification	4222 - Natural Jack Pine	Even-Aged	No
<p><u>Prescription</u> scarify <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Any current species is acceptable regeneration. <u>Regen:</u> <u>Other</u> Percent to Treat = 100% <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2022</p>										
61 41057070.9_P rep	3.2	330 - Low-Density Trees	Nonstocked	0		SitePrep	Scarification	4222 - Natural Jack Pine	Even-Aged	No
<p><u>Prescription</u> scarify <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Any current species is acceptable. <u>Regen:</u> <u>Other</u> Percent to Treat = 100% <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2022</p>										
72 41057072-Monitor	14.4	330 - Low-Density Trees	Nonstocked		Immature	Monitoring	Natural Regen (Intermediate)	42290 - Natural Mixed Pine	Even-Aged	No
<p><u>Prescription</u> Count regeneration and monitor for success. <u>Specs:</u> <u>Next Step</u> SitePrep, Trenching; Planting, Initial Plant <u>Treatments:</u> <u>Acceptable</u> A mix of species currently found onsite. <u>Regen:</u> <u>Other</u> Percent to Treat = 100% <u>Comment:</u> <u>Site Condition</u> <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
78 41057078-Cut	8.0	429 - Mixed Upland Conifers	Poetimber Medium	68	81-110	Harvest	Clearcut with Retention	42290 - Natural Mixed Pine	Even-Aged	No
<p><u>Prescription</u> Clearcut with reserves. Cut all species. Leave some scattered red and white pine and black spruce and some along the edges if they exist.</p> <p><u>Specs:</u> Do not cut any hemlock.</p> <p><u>Next Step</u> SitePrep, Scarification; SitePrep, Trenching; Planting, Initial Plant; Monitoring, Natural Regen (Intermediate)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> A mix of species currently found onsite.</p> <p><u>Regen:</u></p> <p><u>Other</u> Old next step comments: Monitor regeneration. Acceptable regeneration mix is the current canopy species composition. Write and FTP for</p> <p><u>Comment:</u> cultivation work.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2014</p>										

Total Treatment 592.2
Acreage Proposed:

Report 4 – Site Conditions

Shingleton Mgt. Unit
Sheila Clark : Examiner

Compartment: 57
Year of Entry: 2025

Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	Dominant Site Conditions									
		With Condition	Not Available		2C	2I	5C	2G	2H	3J	5A	5E	ed	
22	0	22	0	Hemlock	22									
523	125	361	37	Jack Pine	354	7			7				30	
496	496	0	0	Low-Density Trees										
62	14	43	5	Lowland Conifers	43			5						
32	0	32	0	Lowland Mixed Forest	32									
699	699	0	0	Lowland Shrub										
3	0	3	0	Lowland Spruce/Fir	3									
140	140	0	0	Marsh										
279	51	187	41	Natural Mixed Pines	72		116		27	14				
45	15	0	29	Northern Hardwood								29		
40	0	40	0	Red Pine	40									
104	76	28	0	Upland Conifers	28									
114	114	0	0	Water										
46	0	34	12	White Pine		34				12				0
2,605	1,730	751	124	Total Forested Acres	594	41	116	5	34	26	29	30		0
	66%	29%	5%	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	5E: Long-Term Retention	15	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
2	Unavailable	5E: Long-Term Retention	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
3	Unavailable	5E: Long-Term Retention	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

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Compartment: 57

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4	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	9	2C: Engineered Bridge Needed (Dept. portable bridge not available or inadequate)	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	12	2C: Engineered Bridge Needed (Dept. portable bridge not available or inadequate)	Unspecified	Unspecified	Unspecified
Comments:							
7	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	14	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
8	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	7	2C: Engineered Bridge Needed (Dept. portable bridge not available or inadequate)	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

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9	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
10	Unavailable	5A: Not able to obtain desirable regeneration	29	2C: Engineered Bridge Needed (Dept. portable bridge not available or inadequate)	Unspecified	Unspecified	Unspecified
Comments: Will be challenging to control beech regeneration.							
11	Available	2C: Engineered Bridge Needed (Dept. portable bridge not available or inadequate)	28	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
12	Available	2C: Engineered Bridge Needed (Dept. portable bridge not available or inadequate)	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
13	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	116	2C: Engineered Bridge Needed (Dept. portable bridge not available or inadequate)	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

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Sheila Clark : Examiner

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14	Available	2C: Engineered Bridge Needed (Dept. portable bridge not available or inadequate)	23	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
15	Available	2C: Engineered Bridge Needed (Dept. portable bridge not available or inadequate)	32	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
16	Available	2C: Engineered Bridge Needed (Dept. portable bridge not available or inadequate)	32	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
17	Available	2C: Engineered Bridge Needed (Dept. portable bridge not available or inadequate)	29	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
18	Available	2C: Engineered Bridge Needed (Dept. portable bridge not available or inadequate)	23	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Shingleton Mgt. Unit
Sheila Clark : Examiner

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19	Available	2C: Engineered Bridge Needed (Dept. portable bridge not available or inadequate)	20	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
20	Available	2C: Engineered Bridge Needed (Dept. portable bridge not available or inadequate)	31	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
21	Available	2C: Engineered Bridge Needed (Dept. portable bridge not available or inadequate)	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
22	Available	2C: Engineered Bridge Needed (Dept. portable bridge not available or inadequate)	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
23	Available	2C: Engineered Bridge Needed (Dept. portable bridge not available or inadequate)	22	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

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Sheila Clark : Examiner

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24	Available	2C: Engineered Bridge Needed (Dept. portable bridge not available or inadequate)	21	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
25	Available	2C: Engineered Bridge Needed (Dept. portable bridge not available or inadequate)	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
26	Available	2C: Engineered Bridge Needed (Dept. portable bridge not available or inadequate)	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
27	Available	2C: Engineered Bridge Needed (Dept. portable bridge not available or inadequate)	31	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
28	Available	2C: Engineered Bridge Needed (Dept. portable bridge not available or inadequate)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

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29	Available	2C: Engineered Bridge Needed (Dept. portable bridge not available or inadequate)	45	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
30	Available	2C: Engineered Bridge Needed (Dept. portable bridge not available or inadequate)	21	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
31	Available	2C: Engineered Bridge Needed (Dept. portable bridge not available or inadequate)	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
32	Available	2C: Engineered Bridge Needed (Dept. portable bridge not available or inadequate)	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
33	Available	2C: Engineered Bridge Needed (Dept. portable bridge not available or inadequate)	22	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Shingleton Mgt. Unit
Sheila Clark : Examiner

Compartment: 57
Year of Entry: 2025

34	Available	2C: Engineered Bridge Needed (Dept. portable bridge not available or inadequate)	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
35	Available	2C: Engineered Bridge Needed (Dept. portable bridge not available or inadequate)	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
36	Available	2C: Engineered Bridge Needed (Dept. portable bridge not available or inadequate)	46	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
37	Available	2C: Engineered Bridge Needed (Dept. portable bridge not available or inadequate)	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
38	Available	2C: Engineered Bridge Needed (Dept. portable bridge not available or inadequate)	90	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Shingleton Mgt. Unit
Sheila Clark : Examiner

Compartment: 57
Year of Entry: 2025

39	Available	2C: Engineered Bridge Needed (Dept. portable bridge not available or inadequate)	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
40	Available	2C: Engineered Bridge Needed (Dept. portable bridge not available or inadequate)	24	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
41	Available	2I: Survey needed	34	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
42	Available	2I: Survey needed	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
43	Available	2I: Survey needed	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
44	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
45	Unspecified	Unspecified	0				
Comments:							

Report 4 – Site Conditions

Shingleton Mgt. Unit

Sheila Clark : Examiner

Compartment: 57

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46	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	12	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
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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.

Conservation Area	Type	Description
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.

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



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																
1	42220 - Natural Jack Pine	Sapling Well	102.0	46	171-200	N/A	2023 - Stand is healthy and growing well.																																																																
<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>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>5</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>90</td> <td>Sapling/Pole</td> <td>4</td> <td>46</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	White Pine	5	Sapling/Pole	4		Red Pine	5	Sapling/Pole	4		Jack Pine	90	Sapling/Pole	4	46																																																		
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Red Pine	5	Sapling/Pole	4																																																																				
Jack Pine	90	Sapling/Pole	4	46																																																																			
2	429 - Mixed Upland Conifers	Poletimber Well	48.9	49	51-80	N/A	2023 - Stand is healthy. Stand was originally an aspen stand, more conifers are taking over.																																																																
<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>15</td> <td>Log/XLog</td> <td>16</td> <td>49</td> </tr> <tr> <td>Red Pine</td> <td>15</td> <td>Log/Pole/XLog</td> <td>12</td> <td>49</td> </tr> <tr> <td>Balsam Fir</td> <td>10</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>10</td> <td>Pole/Sapling</td> <td>7</td> <td></td> </tr> <tr> <td>Black Spruce</td> <td>25</td> <td>Pole/Sapling</td> <td>5</td> <td>49</td> </tr> <tr> <td>Quaking Aspen</td> <td>20</td> <td>Pole/Sapling</td> <td>7</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>5</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	White Pine	15	Log/XLog	16	49	Red Pine	15	Log/Pole/XLog	12	49	Balsam Fir	10	Sapling/Pole	4		Jack Pine	10	Pole/Sapling	7		Black Spruce	25	Pole/Sapling	5	49	Quaking Aspen	20	Pole/Sapling	7		Red Maple	5	Pole/Sapling	5		<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>Red Maple</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Paper Birch</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Black Spruce</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Aspen (spp.)</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Low	Variable	Sapling	Paper Birch	Low	Variable	Sapling	Black Spruce	Low	Variable	Sapling	Aspen (spp.)	Medium	Variable	Sapling	White Pine	Low	Variable	Sapling				
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3	42290 - Natural Mixed Pine	Sawtimber Well	50.7	68	81-110	N/A	2023- Stand is healthy. There are some lowland black spruce pockets scattered through the stand. Some areas are heavier to red pine and then some are heavier to jack pine.																																																																
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4	42220 - Natural Jack Pine	Poletimber Well	9.6	41	51-80	N/A	OPIC - FMD: Stand transitioning to poles. Proper Fine Sand Habitat type is PVE 03/09/2018: Look to cut next entry and include stand 28. Also, stand 84 if there is good access. Included in MNFI polygon for Wood Turtle. 2023 - Stand is healthy - trees are still too small to harvest.																																																																
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5	42220 - Natural Jack Pine	Poletimber Well	6.5	58	51-80	N/A	OPIC - FMD: Stand is a couple of ages, hold 1 more entry till all is mature. Soils are Proper Fine Sand, PVE habitat type.																																																																
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6	6129 - Mixed Coniferous Lowland Forest	Sawtimber Well	9.6	55	81-110	N/A	OPIC - FMD: Soils are Pelkie Deford																																																			
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7	4112 - Maple, Beech, Cherry Association	Sawtimber Well	29.3	100	111-140	N/A	There is good red maple and black cherry regeneration in the stand. This regeneration will most likely out compete the beech.																																																			
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8	429 - Mixed Upland Conifers	Sawtimber Well	28.1	80	51-80	N/A	Stand was last thinned in 1993 with stand 7. This part of the stand has more balsam regeneration than one to the north. Still not ready for harvest.																																																			
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10	42290 - Natural Mixed Pine	Sapling Poor	2.6	15	Immature	N/A	2023 - Stand is starting to fill in.																																																			
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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11	500 - Water	Nonstocked	37.3			No	Manistique River.
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12	42290 - Natural Mixed Pine	Sawtimber Well	46.4	82	81-110	N/A	New stand added. adj acent Stand needs to regen.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	10	Pole/Log	9		Balsam Fir	Medium	5 - 10 feet	Sapling
White Pine	25	Log/XLog	16	82				
Bigtooth Aspen	5	Pole	8					
Hemlock	10	Log	14					
Red Pine	25	Log/Pole	12					
Jack Pine	10	Pole	8					
Balsam Fir	15	Pole	8					

13	42290 - Natural Mixed Pine	Sawtimber Well	115.8	78	81-110	N/A	Stand was cut in 2002 as apart of the Hough Camp Sale. Stand could not be scarified. The stand was scheduled for scarification in the previous entry in conjunction with the timber sale # 97-10. The sale was cut and the stand was too thick to scarify afterwards. FTP C41-798 includes this stand, the treatment for this stand is being dropped as part of this review.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Pine	50	Log/Pole	12	78	Bigtooth Aspen	Low	Variable	Sapling
Jack Pine	5	Pole/Log	8		Red Pine	Low	Variable	Pole
Balsam Fir	10	Pole	6		White Pine	Low	Variable	Sapling
Paper Birch	5	Pole/Log	8		Jack Pine	Low	Variable	Sapling
Bigtooth Aspen	5	Pole	7					
White Pine	25	Log/Pole	12					

1/28/04: Received a completion report from TMS indicating 8 acres were scarified for all stands.

14	6239 - Mixed Emergent Wetland	Nonstocked	24.4			No	
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15	42290 - Natural Mixed Pine	Sawtimber Well	14.0	137	111-140	N/A	This stand is along the West Branch of the Manistique River. There are some large white pine trees scattered in the stand that meet the definition of a "legacy tree." Some trees have a DBH of 33 inches. Leave this stand and do not harvest for the following additiona reasons: influenze zone from the river, water quality, small corridor for wild life, and possible BMP issues with the slopes along the river banks. 2023 - Stand is healthy. No activity.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	10	Log	10		White Pine	Medium	Variable	Pole
Northern White Cedar	5	Log	12		Jack Pine	Low	Variable	Pole
Red Pine	10	Log	14		Paper Birch	Low	Variable	Pole
Red Maple	10	Log	10		Balsam Fir	Medium	Variable	Pole
White Pine	55	XLog/Log	30	137	Hemlock	Low	Variable	Sapling
Jack Pine	10	Log	12		Red Pine	Medium	Variable	Pole

16	3303 - Mixed Low Density Trees	Nonstocked	46.1			No	
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Sub-Canopy Species	Density	Avg. Height	Size
Tag Alder	Medium		Tall Shrub
Jack Pine	Low		Sapling
Black Spruce	Low		Sapling
Tamarack	Medium		Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																					
17	429 - Mixed Upland Conifers	Poletimber Medium	18.8	68	81-110	N/A	2023 - This stand was part of Never Ending Adventure Sale 22-15 and was not cut due to lack of winter.																																					
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21	42220 - Natural Jack Pine	Poletimber Medium	0.6	68	81-110	N/A	2023- These are part of never ending adventure sale the did not get cut. Will get harvested when stands to the north are cut. This stand is under contract 41-22-15.																																					
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22	6126 - Lowland Jack Pine	Poletimber Medium	6.3	67	51-80	N/A	2023 - Stand is long term retention. Sale was part of the West Walsh Sale #12-05. Sale was returned to the state by the purchaser due to poor market conditions. TCR date 7/23/2007. Harvested in 2021. Scarification was attempted in 2022, however bridge was removed.																																					
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23	6239 - Mixed Emergent Wetland	Nonstocked	2.5		Unspecified	No																																						



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																													
24	42290 - Natural Mixed Pine	Sawtimber Well	9.1	73	111-140	N/A																																																														
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26	6139 - Mixed Lowland Forest	Sawtimber Well	32.4	78	111-140	N/A	2023- Lots of sub merchant.																																																													
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27	500 - Water	Nonstocked	13.6		Unspecified	No																																																														
28	42220 - Natural Jack Pine	Poletimber Well	31.5	64	111-140	N/A	Stand is in good health. Hang on to for another 10 years. Mostly small, pole sized JP. There is some red pine, white pine and aspen scattered throughout. This is a good stand to keep for age class diversity in the compartment.																																																													
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29	330 - Low-Density Trees	Nonstocked	14.0		Unspecified	No	2023 - Starting to fill in with black spruce.																																																													



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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30	42220 - Natural Jack Pine	Poletimber Well	28.5	88	141-170	N/A	2023 - Stand is mature and healthy.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	5	Log/Pole	12		Bigtooth Aspen	Low	Variable	Sapling
Red Pine	20	Log/Pole	11		White Pine	Low	Variable	Sapling
Bigtooth Aspen	5	Pole	8		Red Pine	Low	Variable	Sapling
Jack Pine	70	Pole/Log	8	88	Jack Pine	Low	Variable	Sapling

31	42220 - Natural Jack Pine	Poletimber Well	21.8	43	111-140	N/A	2023_ Stand healthy. No cut.
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Canopy Species	% Cover	Size Class	DBH	Age
Black Spruce	5	Sapling/Pole	4	
Tamarack	5	Sapling/Pole	4	
Jack Pine	90	Pole/Sapling	6	43

32	6122 - Black Spruce	Poletimber Well	3.4	73	51-80	N/A	
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	50	Pole	8	73	White Pine	Low	Variable	Sapling
White Pine	25	Log/Pole	10		Black Spruce	Medium	Variable	Sapling
Jack Pine	25	Pole	8					

33	6229 - Mixed lowland shrub	Nonstocked	522.4		Immature	No	There are pockets of trees scattered throughout the entire stand including paper birch, jack pine, white pine, and red pine, along with tag alder and willow.
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34	42210 - Natural Red Pine	Sawtimber Well	9.7	73	141-170	N/A	2023 mixed pine mostly red pine.
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	10	Pole	6		White Pine	Low	< 5 feet	Sapling
Red Pine	60	Log/Pole	12	73	Red Pine	Low	Variable	Sapling
Jack Pine	15	Pole	8	73	Black Spruce	Low	5 - 10 feet	Sapling
White Pine	15	Log	14					

35	42290 - Natural Mixed Pine	Sawtimber Well	22.5	80	81-110	N/A	
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Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Pine	50	Log	12	80	Black Spruce	Low	Variable	Sapling
White Pine	15	Log	14		White Pine	Low	Variable	Sapling
Jack Pine	10	Pole/Log	9	80	Red Pine	Low	Variable	Sapling
Black Spruce	15	Pole	7					
Red Maple	5	Pole/Sapling	5					
Tamarack	5	Pole	7					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments	
36	42120 - Planted Jack Pine	Sapling Well	20.0	15	Immature	N/A	This stand was treated under FTP#C41-798. Stand was cut in the Winter of 2002. Sale was closed 9/15/2002. The completion report (1/28/2004) showed that 8 acres were scarified. Regeneration check was scheduled for 2006. The 2006 regen count results were: jack pine – 0, red pine – 21, red maple – 500, aspen – 322, black spruce 27, white pine – 75, balsam fir – 34, tamarack – 14, beech-14. Stand is on the list to get trenched and planted in 2007. Stand was trenched and planted in the spring of 2008. The 2009 regen check results were: red pine – 1196, white pine - 38. Three year regen check in 2011 showed excellent regeneration. Stand is fully regenerated and FTP is closed.2023 Stand is healthy.	
Canopy Species		% Cover	Size Class	DBH	Age			
Black Spruce		2	Sapling	2				
Quaking Aspen		5	Sapling	2				
Jack Pine		73	Sapling	2	15			
White Pine		10	Sapling	2				
Red Pine		10	Sapling	2				
37	42290 - Natural Mixed Pine	Sawtimber Well	11.7	73	111-140	N/A	Marsh Island. There are some scattered pockets of red pine in the stand.	
Canopy Species		% Cover	Size Class	DBH	Age			
Black Spruce		15	Pole	6				
Red Pine		55	Log/Pole	11	73			
Jack Pine		10	Pole	8	73			
Balsam Fir		5	Pole	6				
White Pine		15	Log/XLog	14				
Sub-Canopy Species		Density	Avg. Height	Size				
White Pine		Low	5 - 10 feet	Sapling				
Black Spruce		Low	< 5 feet	Sapling				
38	330 - Low-Density Trees	Nonstocked	83.2	0	Unspecified	4222 - Natural Jack Pine	Stand was scarified in 2022.	
39	6239 - Mixed Emergent Wetland	Nonstocked	54.3	0	Unspecified	No	New stand added.	
40	6126 - Lowland Jack Pine	Sapling Well	23.7	43	51-80	N/A	Stand swapped from Non-Forested to Forested.	
Canopy Species		% Cover	Size Class	DBH	Age			
Black Spruce		25	Sapling	2				
Jack Pine		60	Sapling	2	43			
White Pine		10	Sapling	2				
Tamarack		5	Sapling	2				
41	6128 - Lowland Coniferous, Mixed Deciduous	Sapling Well	31.4	15	Immature	N/A		2023- Stand is mostly low ground with tag alder and low ground throughout. Regenerating well.
Canopy Species		% Cover	Size Class	DBH	Age			
Red Maple		10	Sapling	1				
Black Spruce		15	Sapling	1				
Jack Pine		15	Sapling	1	15			
White Pine		5	Sapling	1				
Balsam Fir		15	Sapling	1				
Red Pine		5	Sapling	1				
Tamarack		15	Sapling	1				
Quaking Aspen		20	Sapling	1	15			
Sub-Canopy Species		Density	Avg. Height	Size				
Tag Alder		High	5 - 10 feet	Tall Shrub				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																			
42	330 - Low-Density Trees	Nonstocked	6.4		Unspecified	No																																																				
43	42220 - Natural Jack Pine	Poletimber Well	21.0	64	111-140	N/A	2013 - Stand is in good health. Hang on to for another 10 years. Mostly small, pole sized JP. There is some red pine, white pine and aspen scattered throughout. This is a good stand to keep for age class diversity in the compartment.																																																			
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44	42220 - Natural Jack Pine	Poletimber Well	5.3	80	Unspecified	N/A																																																				
45	6125 - Lowland Black Spruce, Jack Pine	Poletimber Well	5.0	46	111-140	N/A	2023 The water in this area has been raising compared to last inventory. red pine are chlorotic. Very slow growth.																																																			
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46	330 - Low-Density Trees	Nonstocked	2.5		Unspecified	No	2023 - black spruce starting to come in.																																																			
47	6229 - Mixed lowland shrub	Nonstocked	42.8			No																																																				
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48	42220 - Natural Jack Pine	Poletimber Well	1.7	80	Unspecified	N/A	2013 - This stand is a jack pine island. This stand was set up as part of the Hough Camp Sale but was not cut due to poor access. 2023 - Stand is holding. Should harvest when harvest stand 60 in compartment 61.																																																			
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49	42210 - Natural Red Pine	Sawtimber Well	30.5	73	111-140	N/A	Red pine ridge. Leave stand for another ten years. There is still some room in the canopy for the trees to gain more volume. There are some large red pine trees scattered through the stand.																																																		
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50	500 - Water	Nonstocked	60.6			No																																																			
51	6125 - Lowland Black Spruce, Jack Pine	Poletimber Well	4.0	46	81-110	N/A	2023 - Water levels are rising from last inventory. Red pine is chlorotic.																																																		
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52	330 - Low-Density Trees	Nonstocked	10.4		Unspecified	No																																																			
53	330 - Low-Density Trees	Nonstocked	51.4	0		No	New stand added. 2023 - Need to break out.																																																		
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54	6229 - Mixed lowland shrub	Nonstocked	9.1		Unspecified	No																																																			
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55	6239 - Mixed Emergent Wetland	Nonstocked	38.4		Unspecified	No																																																			
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56	6126 - Lowland Jack Pine	Poletimber Well	5.9	51	Unspecified	N/A	This pocket of jack pine is lower than the surrounding stand of jack pine, which is on a ridge. The stand will probably not do much more.																																									
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Jack Pine	Low	Variable	Sapling																																													
57	6229 - Mixed lowland shrub	Nonstocked	115.4		Unspecified	No	There are some scattered pockets of jack pine and red pine in the marsh. They did not meet the mapping standards.																																									
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Tag Alder	High		Tall Shrub																																													
58	42290 - Natural Mixed Pine	Sawtimber Medium	6.5	108	81-110	N/A	Stand is really wet and is located along a drainage from the Little Duck Creek.																																									
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59	42220 - Natural Jack Pine	Sapling Well	45.3	23	Immature	N/A	some scattered log size red pine. Not enough to be part of the canopy.																																									
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60	4112 - Maple, Beech, Cherry Association	Poletimber Well	0.8	79	81-110	N/A	OPIC - FMD: River Corridor Soils are Pelkie Deford, PVE habitat type 2023 - Stand is healthy. Difficult access and buffers leave very little to cut.																																									
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61	330 - Low-Density Trees	Nonstocked	199.0	0		No	Some open holes in the north end with a good amount of jack pine regeneration already present. Some of the trees are starting to degrade. Sale was part of the West Walsh Sale #12-05. Sale was returned to the state by the purchaser due to poor market conditions. TCR date 7/23/2007. Harvested in 2021. Scarification was attempted in 2022, however bridge was removed.																																									
62	42220 - Natural Jack Pine	Poletimber Well	21.2	46	111-140	N/A																																										
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63	330 - Low-Density Trees	Nonstocked	68.3	0	Unspecified	4222 - Natural Jack Pine	There is some large jack pine scattered in the stand. There is a little more red pine along the edges. Harvested in 2021. Scarification was attempted in 2022, however bridge was removed.																																																						
64	42220 - Natural Jack Pine	Poletimber Well	10.8	43	141-170	N/A																																																							
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65	622 - Lowland Shrub	Nonstocked	9.5		Unspecified	No																																																							
66	4312 - Hemlock, Mixed Deciduous	Sawtimber Well	22.0	96	111-140	N/A	OPIC - FMD: Stand could easily be typed as hemlock and hemlock will be the long term MO. Need to discuss this stand in the POG discussion when the other river corridor stands are discussed in this compartment. Soils are Pelkie Deford and Habitat type is AFPo.3/12/2018: Changed comp boundary so this stand goes with comp 57 (it was originally with c.61).																																																						
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67	6125 - Lowland Black Spruce, Jack Pine	Poletimber Well	2.2	46	111-140	N/A	2023 The water in this area has been raising compared to last inventory. red pine are chlorotic. Very slow growth.																																																						
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68	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	5.1	79	111-140	N/A	OPIC - FMD: Soils are Pelkie Deford several drainages. 2023 - Lots of drains in this stand. There is a 10 foot drop from stand 5.																																																						
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69	4119 - Mixed Northern Hardwoods	Poletimber Well	14.7	79	81-110	N/A	OPIC - FMD: Most of stand is upland, however there are lots of drainages. Bulk of stand is soft maple, type as M since if ever managed it would be select cut due to river corridor. Soils are Pelkie Deford and Habitat type is PVE. 2023 - There are a lot of small diameter trees. Stand is healthy.																																										
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71	42220 - Natural Jack Pine	Poletimber Poor	8.2	67	51-80	N/A																																											
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72	330 - Low-Density Trees	Nonstocked	14.5		Immature	429 - Mixed Upland Conifers	2022 - Stand was scarified in summer 2022.2023 - This stand was cut as part of Never Ending Adventure 22-15. Finished cutting in spring 2020.																																										
73	6126 - Lowland Jack Pine	Poletimber Well	14.7	68	111-140	N/A	2023- This stand is part of long term retention for the Never Ending Adventure sale.																																										
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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75 6126 - Lowland Jack Pine Poletimber Medium 1.4 68 81-110 N/A This is part of long term retention for Never Ending Adventure.

Canopy Species	% Cover	Size Class	DBH	Age
White Pine	5	Log	14	
Jack Pine	50	Pole	6	68
Black Spruce	30	Pole	6	
Tamarack	15	Pole	7	

76 6126 - Lowland Jack Pine Poletimber Medium 3.2 68 81-110 N/A Stand part of long term retention for Never Ending Adventure.

Canopy Species	% Cover	Size Class	DBH	Age
White Pine	10	Log	14	
Black Spruce	40	Pole	6	
Jack Pine	50	Pole	8	68

77 42220 - Natural Jack Pine Poletimber Well 90.3 43 111-140 N/A 2023 - Stand is healthy. Pocket of unproductive low ground.

Canopy Species	% Cover	Size Class	DBH	Age
Black Spruce	10	Sapling/Pole	4	
Jack Pine	80	Pole	5	43
Bigtooth Aspen	10	Pole/Sapling	5	

78 429 - Mixed Upland Conifers Poletimber Medium 7.9 68 81-110 N/A 2023 - This stand was part of Never Ending Adventure Sale 22-15 and was not cut due to lack of winter. This is currently under contract.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	10	Log	14		Balsam Fir	Low	5 - 10 feet	Sapling
Red Pine	5	Log	14					
Balsam Fir	5	Pole/Sapling	6					
Black Spruce	50	Pole/Sapling	6	68				
Jack Pine	30	Pole	8	68				

80 6239 - Mixed Emergent Wetland Nonstocked 20.4 Unspecified No

Sub-Canopy Species	Density	Avg. Height	Size
Tag Alder	Low		Tall Shrub