



Compartment Review Presentation

Shingleton Forest Management Unit

Compartment 41143

Entry Year 2020

Acreage: 2,737

County Schoolcraft

Management Area: Danaher Kingston Outwash

Revision Date: 2018-07-16

Stand Examiner: Mario Molin

Legal Description:

T47N R15W Sections 1 -3, 11 – 14 and 24

Identified Planning Goals:

To manage the compartment in accordance with the principles of sustainable forest eco-system management, with emphasis on timber production, maintaining & enhancing wildlife habitat, and protection of riparian areas.

Soil and topography:

Most of this compartment features rolling terrain with some relatively steep ridges, and sandy well-drained soils. The southeast part of the compartment is generally lower and flat, featuring wetter bottomlands where soil drainage is slower. Slight ridges in the bottomlands tend to have better soil drainage.

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

There are no private lands within this compartment. Developments include the dam at the east end of Stanley Lake and the recreational trails & roads on state land.

Unique Natural Features:

Unknown

Archeological, Historical, and Cultural Features:

Unknown

Special Management Designations or Considerations:

The west side of this compartment is bounded by the Little Fox River and Stanley Lake, which fall under the Fox River HCVA. Any treatments in this area must comply with provisions of the Fox River Plan.

Watershed and Fisheries Considerations:

The western region of this compartment borders the Little Fox River, a small unnamed stream reach which serves as a tributary to the Little Fox River, and Stanley Lake. The Little Fox River is a designated Type 1 trout stream less than 50' width. A 300' buffer is recommended for the Little Fox River in riparian areas susceptible to Aspen regeneration (specifically stand 62). For areas not susceptible to Aspen regeneration, 200' plus 5' per 1% increase in slope; buffers are recommended to protect these areas in accordance with Best Management Practices and the Fox River Natural Rivers System Management Plan (specifically stand 70). The unnamed tributary is designated a Type 1 trout stream less than 50' width. A 300' buffer is recommended for the unnamed tributary in riparian areas susceptible to Aspen regeneration. For areas not susceptible to Aspen regeneration, 100' plus 5' per 1% increase in slope; buffers are recommended to protect these areas in accordance with Best Management Practices (specifically stands 38 and 39). Stanley Lake is a designated tributary within the Fox River Natural River System. Therefore a 200' buffer is recommended to protect shoreland areas adjacent to Stanley Lake in accordance with the Fox River Natural River System Management Plan (specifically stand 70).

The northeastern region of this compartment contains Spring Lake and the West Branch of the Fox River. 100' plus 5' per 1% increase in slope; buffers are recommended to protect shoreland areas adjacent to Spring Lake in accordance with Best Management Practices. The West Branch of the Fox River is a designated Type 1 trout stream less than 50' width. A 300' buffer is recommended for the West Branch of the Fox River in riparian areas susceptible to Aspen regeneration. For areas not susceptible to Aspen regeneration, 200' plus 5' per 1% increase in slope; buffers are recommended to protect these areas in accordance with Best Management Practices and the Fox River Natural Rivers System Management Plan (specifically stands 2).

Wildlife Habitat Considerations:

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of glacial outwash sand and gravel and postglacial alluvium. There is insufficient data to determine the glacial drift thickness. The Ordovician Black River and Prairie du Chien Groups subcrop below the glacial drift. The Black River is quarried for stone/dolomite elsewhere in the UP. Gravel pits are not found in the general area, but there could be some potential. There is no commercial oil and gas production in the UP.

Vehicle Access:

Most of this compartment has very good access, with a network of useable woods roads that may be accessed from the west side by crossing the Little Fox River at the Stanley Lake Dam and from the east by traveling along the snowmobile trail. The only areas that are difficult to reach are located in the wet bottomlands in section 13 & 24, especially near the Little Fox River.

Survey Needs:

May be needed for stand 70

Recreational Facilities and Opportunities:

Recreational facilities include the Fox River Pathway hiking trail and a heavily-used snowmobile trail. The area is locally popular for hunting, fishing and berry picking.

Fire Protection:

Red pine and grasslands are the dominant upland fuel types in most of this compartment, along with scattered hardwoods & aspen. Flatter terrain near the waterways features a variety of lowland fuel types including timber, lowland brush and marshland. Access issues may make fire suppression difficult in the southern part of this compartment.

Additional Compartment Information:

The following reports from the Inventory are attached:

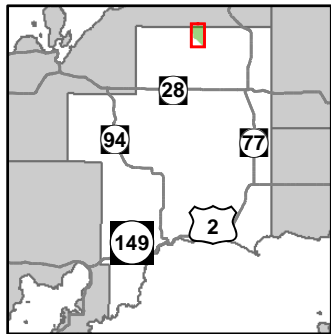
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

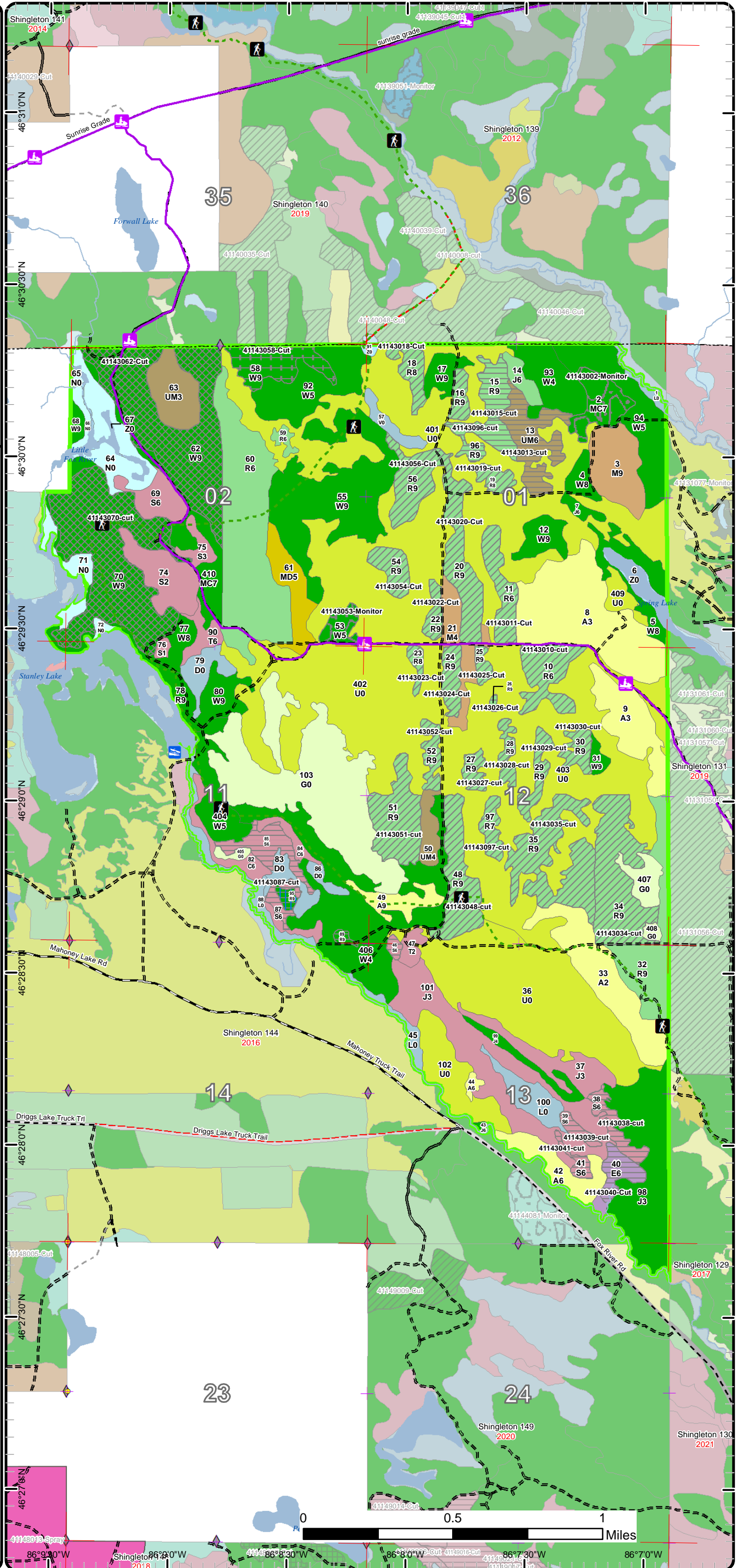
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 143
 T47N,R15W, Sec: 1-3, 10-13, 24
 County: Schoolcraft
 Unit: Shingleton
 Mgmt Area: Danaher Kingston
 Outwash
 YOE: 2020
 Acres: 2,737 GIS Calculated
 Examiner: Mario Molin
 Map Revised: 12/17/2018
 Map Phase: Post Review

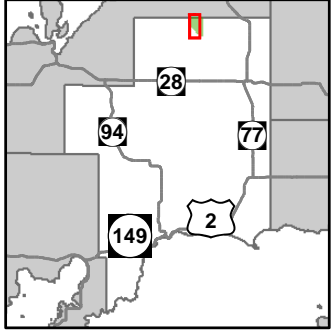


- Miris Corners
- Remonumented Section Corners
- Survey Grade Corners
- Field Grade Corners
- Counties
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State - Dirt / Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Hiking Trails
- Snowmobile Trails
- Designated Hiking Trails
- Designated Bicycle Trails
- Designated Snowmobile Trails
- Island in Lake or River
- Lake/Pond
- Perennial River
- Lakes and Rivers All
- Boating Access Site
- Compartment Boundary
- Selection (Group, Single Tree)
- Clearcut (w/Reserves)
- Harvest, Overstory Removal
- Seed Tree (w/Reserves)
- Thinning (Crown, Low, Systematic)
- Regeneration Survey
- 411 - Northern Hardwood
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- Lakes

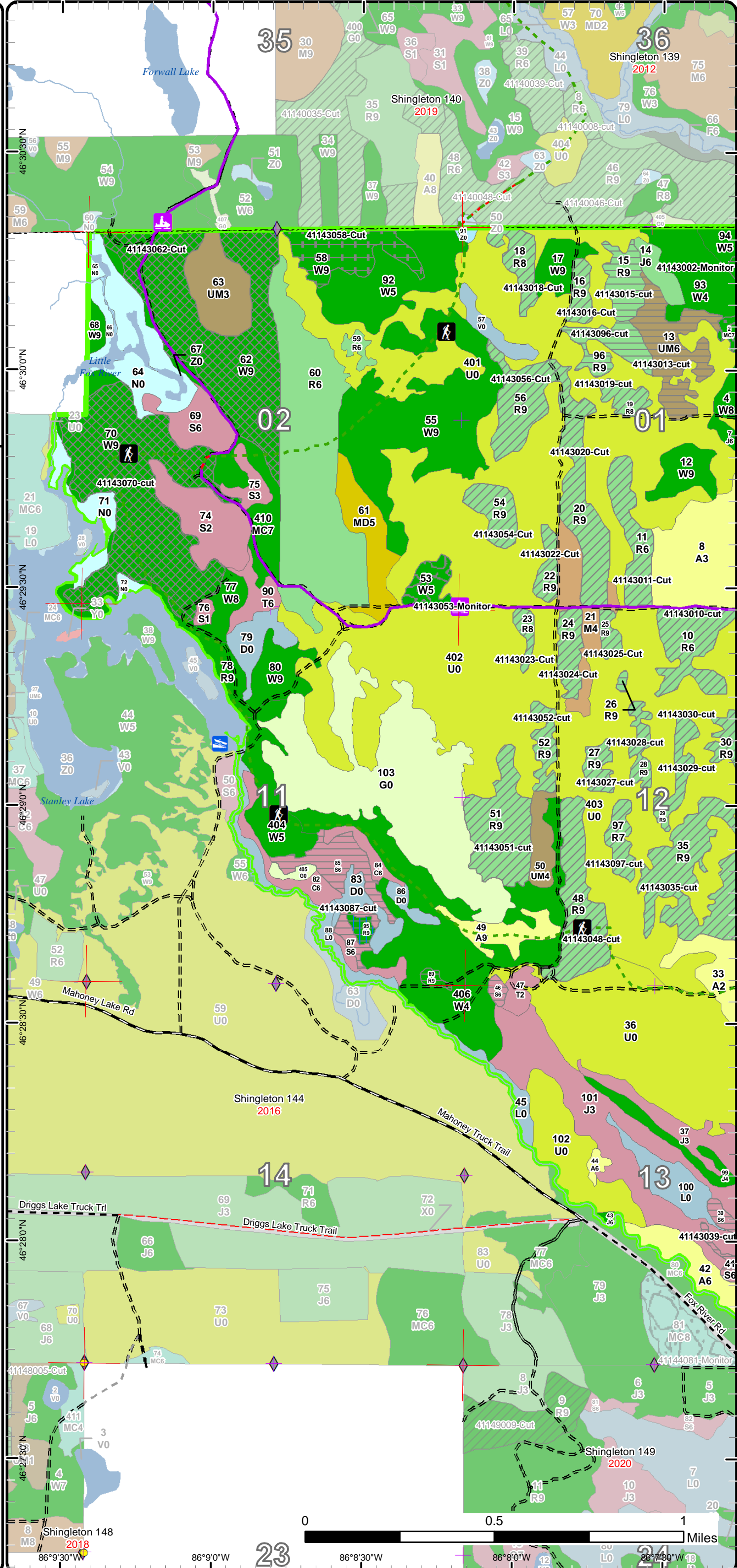


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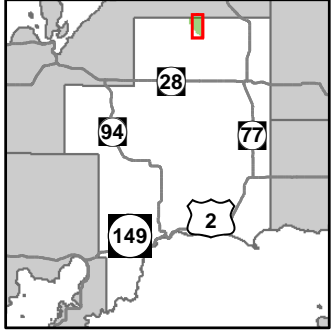


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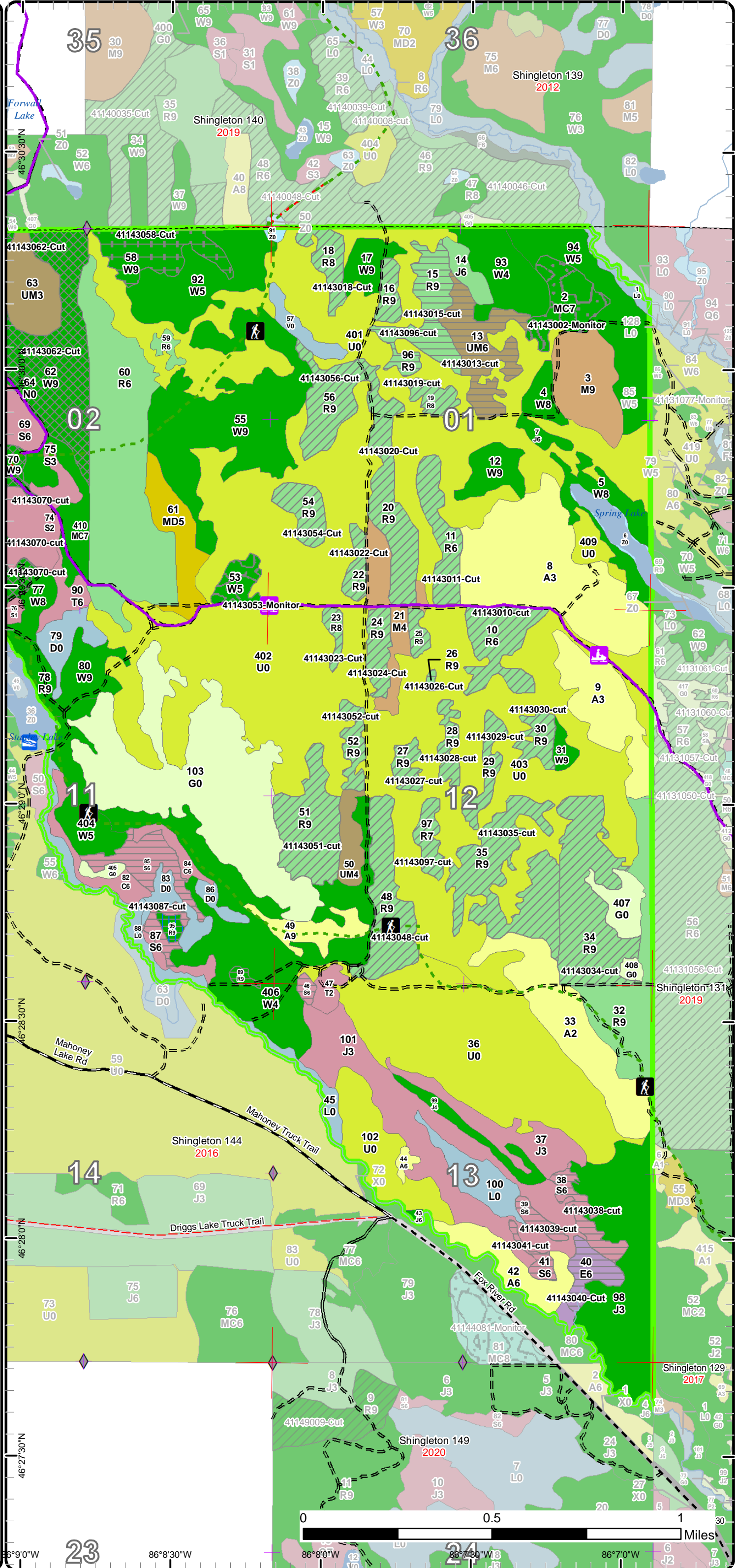
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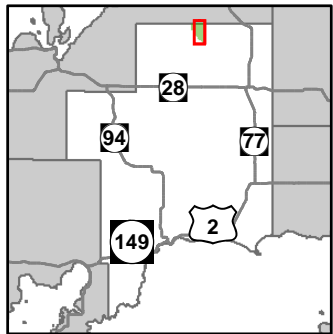


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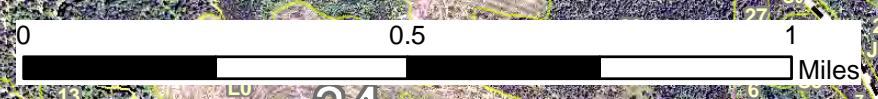
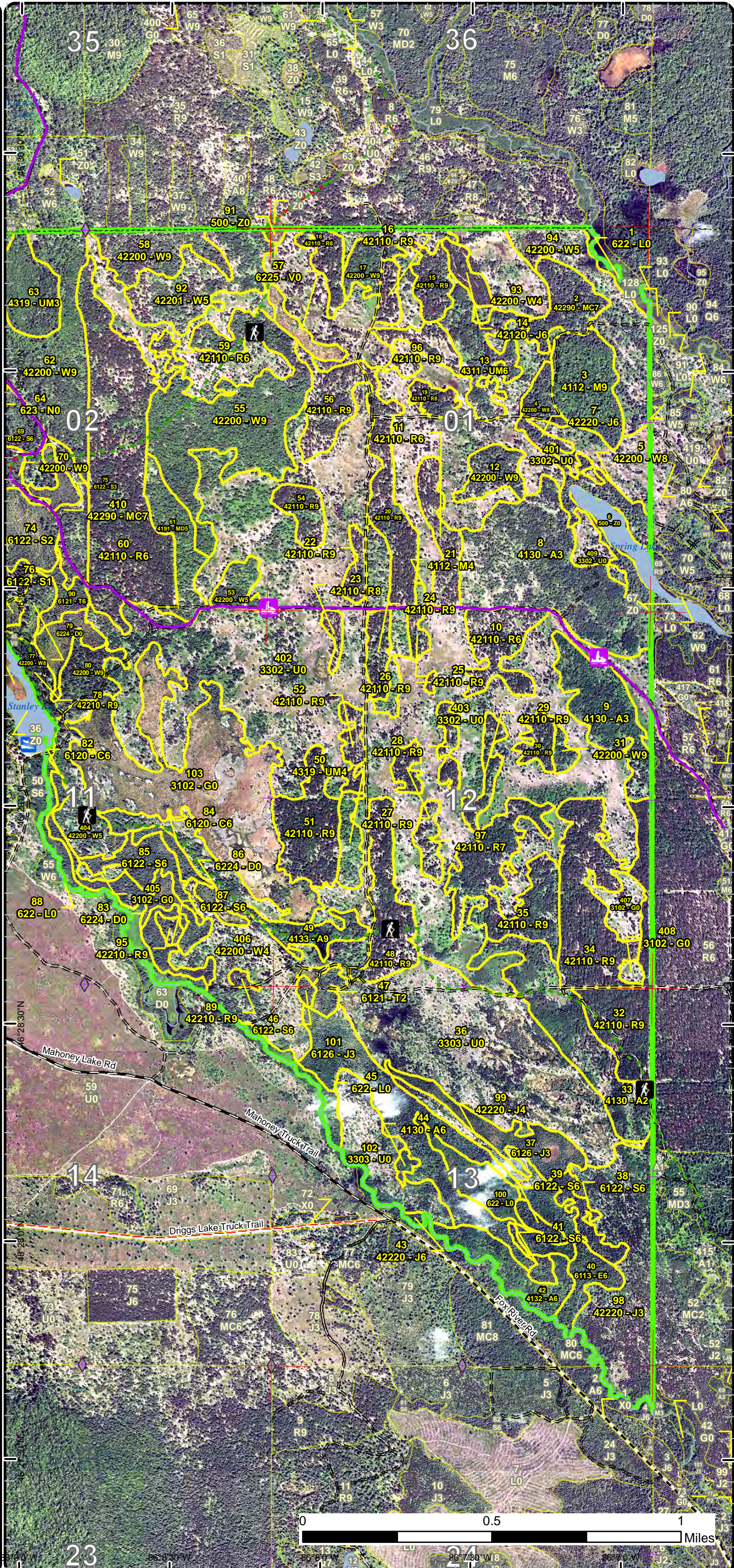


Stand Boundary Map

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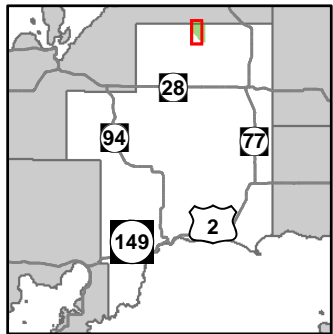


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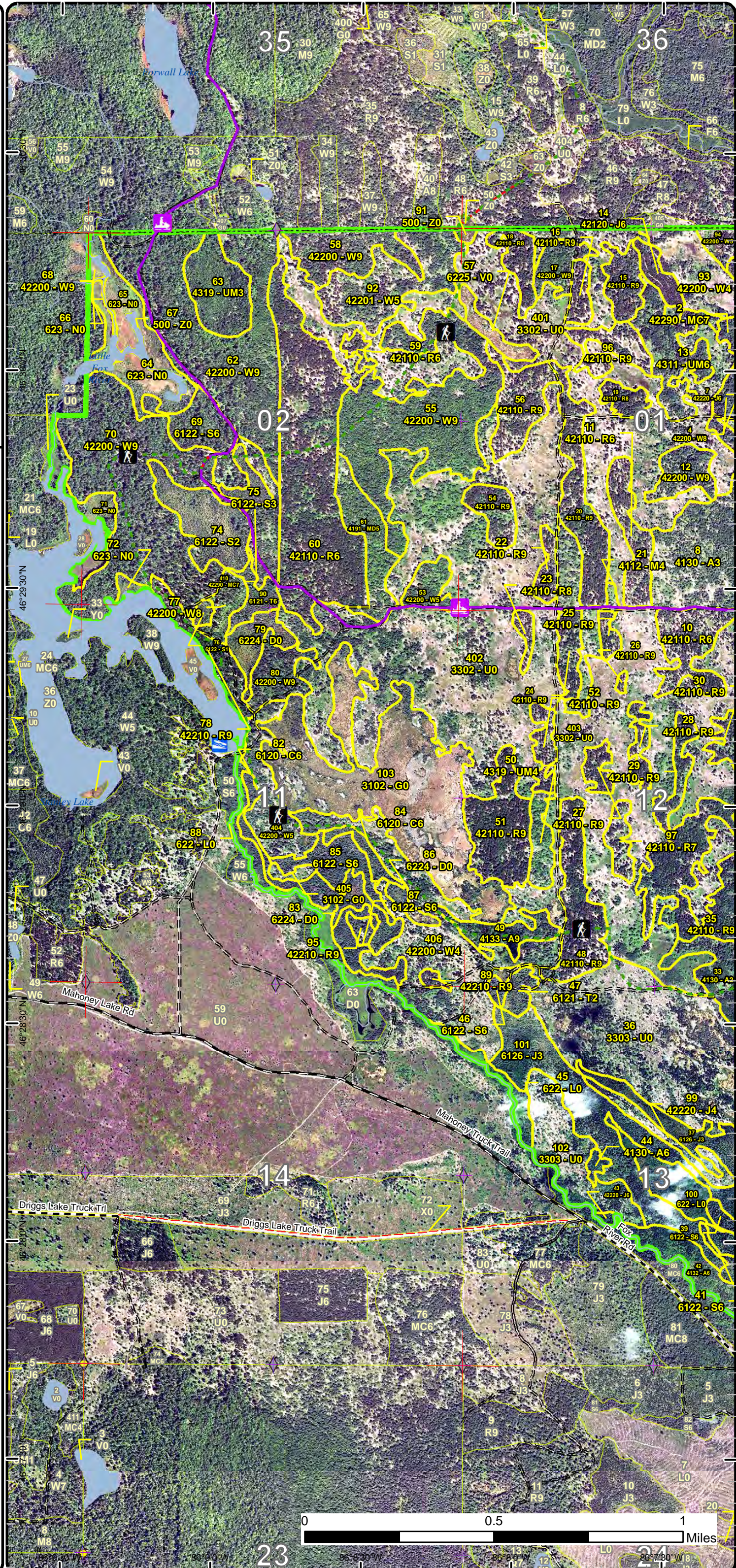


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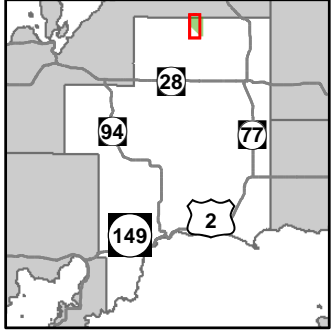


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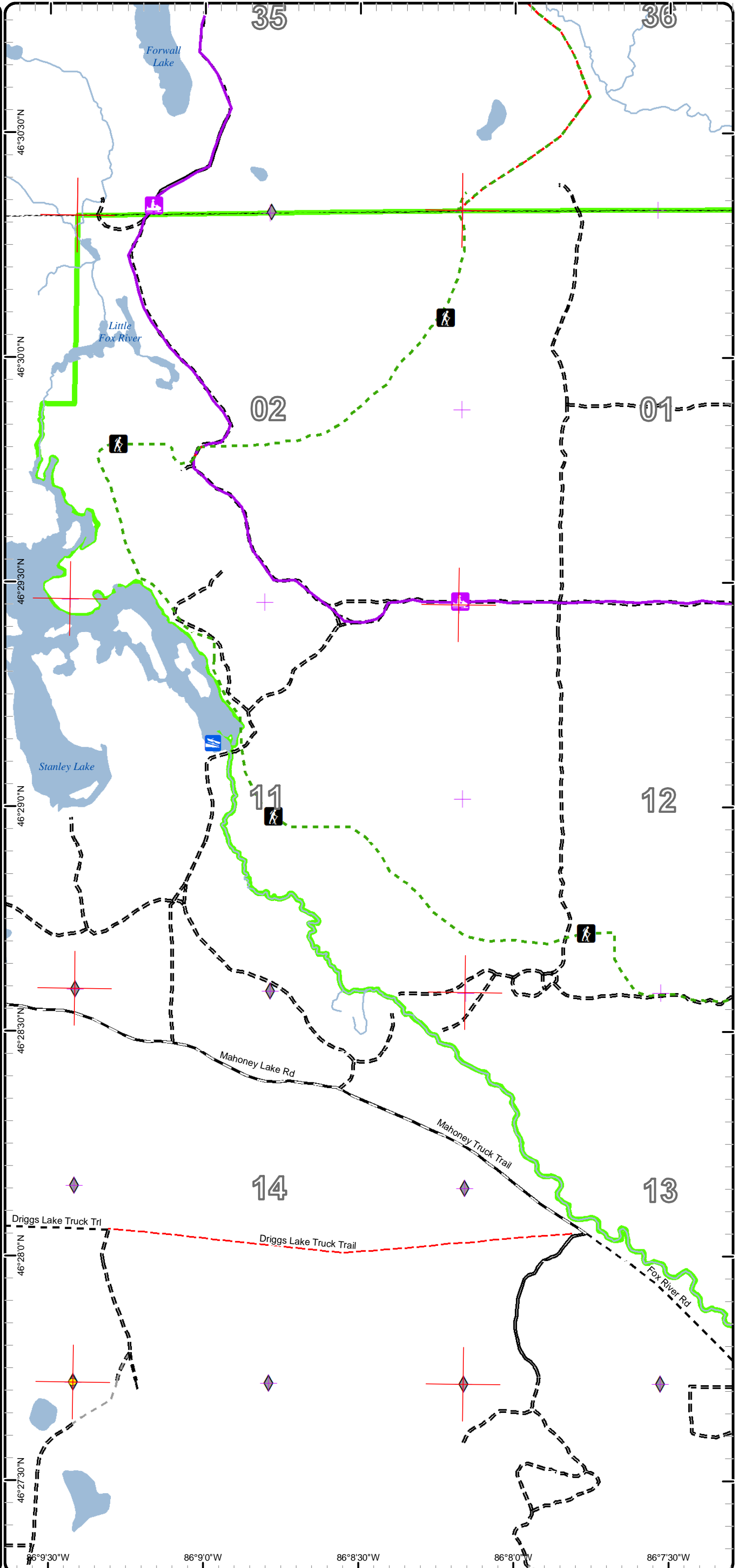


Special Conservation Areas & Site Conditions Map

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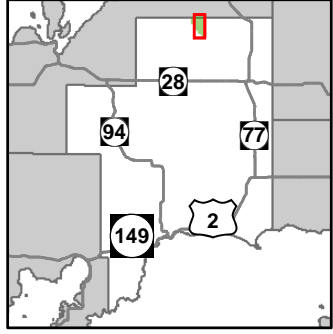


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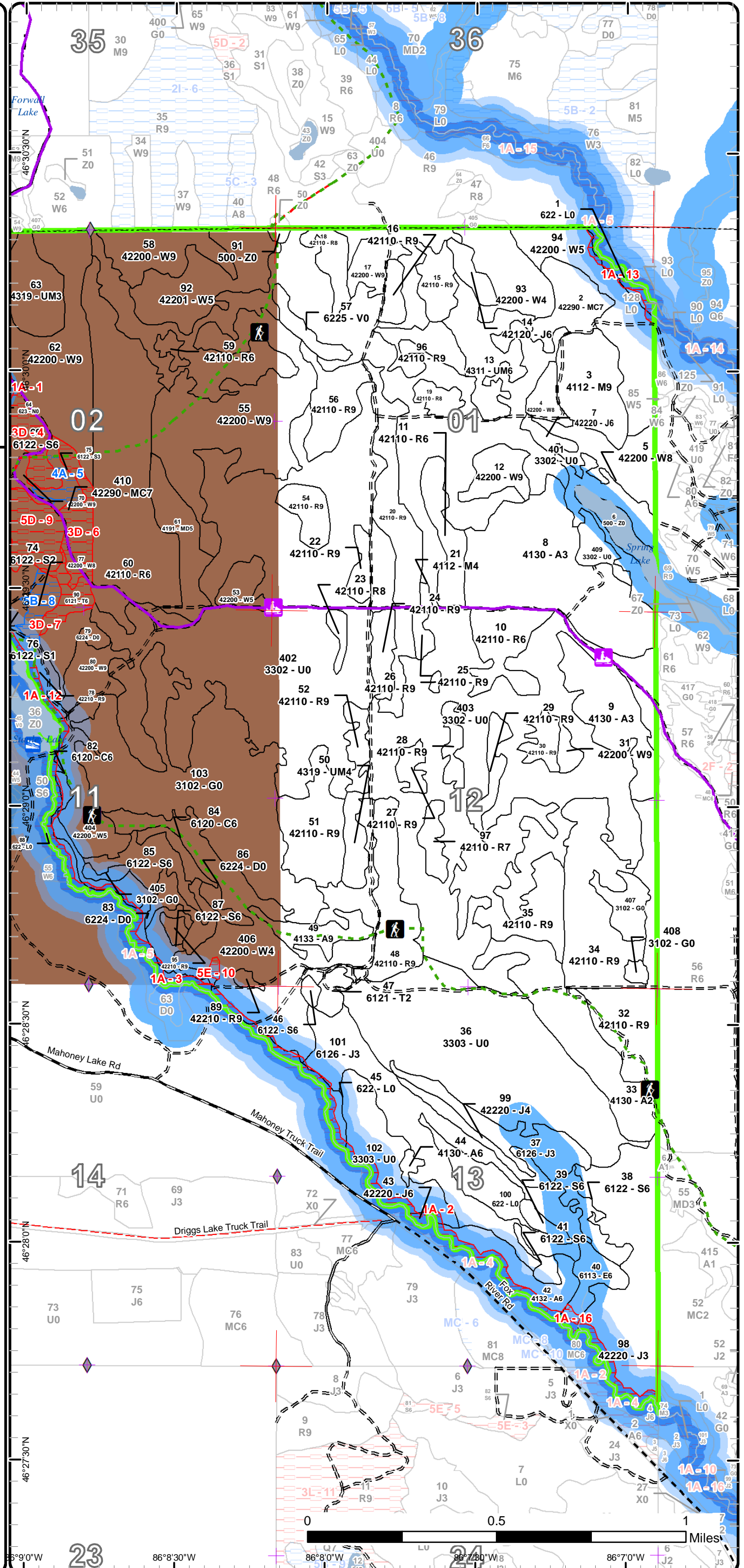


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- Compartment Boundary
- Available w/ Constraints
- Unavailable
- 4A: No Markets Available for these Forest Products
- 5B: Maintain for regeneration purposes
- 1A: Federal/State/Local Law
- 3D: Recreational / Scenic values
- 5D: Unproductive Forest Land
- 5E: Long-Term Retention
- Stand Boundaries
- Natural Rivers Vegetative Buffer
- Natural Rivers Zoning District
- Cold Water Streams
- Cold Water Lakes
- High Priority Trout Stream Buffer
- Wildlife Management Areas



Report 1 – Total Acres by Cover Type and Age Class



Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Uneven-Aged	Total
Aspen	0	0	0	109	67	0	0	0	0	0	0	0	0	0	0	0	0	11	186
Bog	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Cedar	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	9
Herbaceous Openland	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14
Jack Pine	0	0	0	0	28	0	0	0	0	0	0	0	0	0	0	0	0	0	28
Low-Density Trees	770	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	770
Lowland Deciduous	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	11
Lowland Shrub	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	0	38	8	14	0	0	0	0	0	26	86
Marsh	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48
Mixed Upland Deciduous	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	19
Natural Mixed Pines	0	0	0	0	0	0	17	0	0	0	18	0	0	0	0	0	0	0	35
Northern Hardwood	0	0	0	0	0	0	18	0	0	0	0	0	0	0	0	0	0	27	45
Red Pine	0	0	0	0	0	80	338	0	0	0	2	13	0	0	0	0	0	0	433
Tamarack	0	0	0	0	5	0	0	0	0	7	0	0	0	0	0	0	0	0	12
Treed Bog	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22
Upland Mixed Forest	0	0	0	0	22	0	0	0	0	0	0	0	0	0	0	0	0	33	55
Water	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
White Pine	0	0	0	0	0	22	8	4	0	100	108	8	0	0	19	0	204	472	
Total	903	0	0	109	122	22	88	377	0	0	145	145	35	0	0	19	0	331	2294



Report 2 – Treatment Summary

Shingleton Mgt. Unit
Year of Entry: 2020

Acres of Harvest

Compartment 143
Total Compartment Acres: 2,737

Commercial Harvest - 548
Harvests with Site Condition - 0
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
Lowland Deciduous	9	0	0	0	0	0	0	0	0	9
Lowland Spruce/Fir	37	0	0	0	0	0	0	0	0	37
Red Pine	13	0	0	0	0	270	0	0	0	283
Upland Mixed Forest	24	0	0	0	0	0	0	0	0	24
White Pine	0	174	0	0	0	0	21	0	0	195
Total	83	174	0	0	0	270	21	0	0	548

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	548	0	0	0	0	0	26	0	0	574
Next Step	0	2	0	0	0	0	302	0	0	304
Total	548	2	0	0	0	0	328	0	0	878



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	Approval Status
2	41143002-Monitor	17.3	42290 - Natural Mixed Pine	Sawtimber Poor	65	1-50	Monitoring	Natural Regen (Re-Inventory)	413 - Aspen	Even-Aged	Draft Field Boundary

Habitat Cut: No**Site Condition:**Prescription regen checkSpecs:Next StepTreatments:Acceptable any species on siteRegen:Other Percent to Treat = 100%Comment:Proposed Start Date: 11/14/2021

10	41143010-cut	19.9	42110 - Planted Red Pine	Poletimber Well	65	51-80	Harvest	Systematic Thinning	4211 - Planted Red Pine	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**Prescription 3rd row thin.Specs:Next StepTreatments:AcceptableRegen:OtherComment:Proposed Start Date: 10/1 /2019

11	41143011-Cut	15.4	42110 - Planted Red Pine	Poletimber Well	62	111-140	Harvest	Systematic Thinning	4211 - Planted Red Pine	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**Prescription First entry thinning.Specs:Next StepTreatments:AcceptableRegen:OtherComment:Proposed Start Date: 10/1 /2019

13	41143013-cut	24.2	4311 - Pine, Aspen Mix	Poletimber Well	65	81-110	Harvest	Clearcut	413 - Aspen	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**Prescription Clearcut, minimal if any retention. Goal is aspen, green tree or spec red and white pine over 24 inches.Specs:Next Step Monitoring, Natural Regen (Intermediate)Treatments:Acceptable Aspen and other tree species.Regen:OtherComment:Proposed Start Date: 10/1 /2019



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	Approval Status
15	41143015-cut	10.6	42110 - Planted Red Pine	Sawtimber Well	62	81-110	Harvest	Clearcut	3102 - Grass		Draft Field Boundary

Habitat Cut: No**Site Condition:**Prescription Clearcut and convert to grassSpecs:Next Step Monitoring, Natural Regen (Re-Inventry)Treatments:Acceptable GrassRegen:OtherComment:Proposed Start Date: 10/1 /2019

16	41143016-Cut	5.6	42110 - Planted Red Pine	Sawtimber Well	62	81-110	Harvest	Systematic Thinning	4211 - Planted Red Pine	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**Prescription First entry thinning.Specs:Next StepTreatments:Acceptable .Regen:OtherComment:Proposed Start Date: 10/1 /2019

18	41143018-Cut	9.4	42110 - Planted Red Pine	Sawtimber Medium	62	111- 140	Harvest	Systematic Thinning	4211 - Planted Red Pine	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**Prescription First entry thinning.Specs:Next StepTreatments:Acceptable .Regen:OtherComment:Proposed Start Date: 10/1 /2019

19	41143019-cut	5.5	42110 - Planted Red Pine	Sawtimber Medium	62	111- 140	Harvest	Systematic Thinning	4211 - Planted Red Pine	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**Prescription 1st entry 3rd row thin.Specs:Next StepTreatments:AcceptableRegen:OtherComment:Proposed Start Date: 10/1 /2019



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	Approval Status
20	41143020-Cut	26.2	42110 - Planted Red Pine	Sawtimber Well	65	81-110	Harvest	Systematic Thinning	4211 - Planted Red Pine	Even-Aged	Draft Field Boundary

Habitat Cut: No**Site Condition:**Prescription First entry thinning.Specs:Next StepTreatments:Acceptable .Regen:OtherComment:Proposed Start Date: 10/1 /2019

22	41143022-Cut	5.5	42110 - Planted Red Pine	Sawtimber Well	62	81-110	Harvest	Systematic Thinning	4211 - Planted Red Pine	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**Prescription First entry thinning.Specs:Next StepTreatments:Acceptable .Regen:OtherComment:Proposed Start Date: 10/1 /2019

23	41143023-Cut	3.4	42110 - Planted Red Pine	Sawtimber Medium	62	51-80	Harvest	Systematic Thinning	4211 - Planted Red Pine	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**Prescription First entry thinning.Specs:Next StepTreatments:Acceptable .Regen:OtherComment:Proposed Start Date: 10/1 /2019

24	41143024-Cut	8.5	42110 - Planted Red Pine	Sawtimber Well	65	81-110	Harvest	Systematic Thinning	4211 - Planted Red Pine	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**Prescription First entry thinning.Specs:Next StepTreatments:Acceptable .Regen:OtherComment:Proposed Start Date: 10/1 /2019



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	Approval Status
25	41143025-Cut	3.4	42110 - Planted Red Pine	Sawtimber Well	62	81-110	Harvest	Systematic Thinning	4211 - Planted Red Pine	Even-Aged	Draft Field Boundary

Habitat Cut: No**Site Condition:**Prescription First entry thinning.Specs:Next StepTreatments:Acceptable .Regen:OtherComment:Proposed Start Date: 10/1 /2019

26	41143026-Cut	0.8	42110 - Planted Red Pine	Sawtimber Well	65	81-110	Harvest	Clearcut	3102 - Grass		Draft Field Boundary
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Habitat Cut: No**Site Condition:**Prescription Clear cut and convert to grass.Specs:Next Step Monitoring, Natural Regen (Re-Inventory)Treatments:Acceptable GrassRegen:OtherComment:Proposed Start Date: 10/1 /2019

29	41143029-cut	8.0	42110 - Planted Red Pine	Sawtimber Well	65	81-110	Harvest	Systematic Thinning	4211 - Planted Red Pine	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**Prescription 3rd row thin.Specs:Next StepTreatments:AcceptableRegen:OtherComment:Proposed Start Date: 10/1 /2019

34	41143034-cut	45.2	42110 - Planted Red Pine	Sawtimber Well	57	111- 140	Harvest	Systematic Thinning	3102 - Grass		Draft Field Boundary
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Habitat Cut: No**Site Condition:**Prescription 3rd row thin.Specs:Next Step Monitoring, Natural Regen (Re-Inventory)Treatments:Acceptable GrassRegen:Other Was thinned in the past, in a non conventional way.Comment:Proposed Start Date: 10/1 /2019



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	Approval Status
35	41143035-cut	41.6	42110 - Planted Red Pine	Sawtimber Well	65	111- 140	Harvest	Systematic Thinning	4211 - Planted Red Pine	Even-Aged	Draft Field Boundary

Habitat Cut: No**Site Condition:**Prescription 3rd row thin.Specs:Next StepTreatments:Acceptable Red pineRegen:OtherComment:Proposed Start Date: 10/1 /2019

38	41143038-cut	8.7	6122 - Black Spruce	Poetimber Well	96	81-110	Harvest	Clearcut	6122 - Black Spruce	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**Prescription Clearcut stand no retention due to small size.Specs:Next Step Monitoring, Natural Regen (Re-Inventory)Treatments:Acceptable Spruce and any mix of species.Regen:OtherComment:Proposed Start Date: 10/1 /2019

39	41143039-cut	3.9	6122 - Black Spruce	Poetimber Well	96	81-110	Harvest	Clearcut	6122 - Black Spruce	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**Prescription clearcut no retention due to small size.Specs:Next Step Monitoring, Natural Regen (Re-Inventory)Treatments:Acceptable black spruce and any mix of species.Regen:OtherComment:Proposed Start Date: 10/1 /2019

40	41143040-Cut	9.4	6113 - Lowland Maple	Poetimber Well	88	81-110	Harvest	Clearcut with Retention	611 - Lowland Deciduous Forest	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**Prescription Clear cut with retention being in the river buffer.Specs:Next Step Monitoring, Natural Regen (Re-Inventory)Treatments:Acceptable Any mix of species.Regen:OtherComment:Proposed Start Date: 10/1 /2019



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	Approval Status
41	41143041-cut	3.6	6122 - Black Spruce	Poletimber Well	96	81-110	Harvest	Clearcut	6122 - Black Spruce	Even-Aged	Draft Field Boundary

Habitat Cut: No**Site Condition:**Prescription Clearcut no retention due to small size.Specs:Next Step Monitoring, Natural Regen (Re-Inventry)Treatments:Acceptable Black spruce with any mix of species.Regen:OtherComment:Proposed Start Date: 10/1 /2019

46	41143046-cut	1.9	6122 - Black Spruce	Poletimber Well	97	81-110	Harvest	Clearcut	6122 - Black Spruce	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**Prescription Clearcut no retention due to small size.Specs:Next Step Monitoring, Natural Regen (Re-Inventry)Treatments:Acceptable Black spruce and any mix of species.Regen:OtherComment:Proposed Start Date: 10/1 /2019

48	41143048-cut	26.3	42110 - Planted Red Pine	Sawtimber Well	65	111- 140	Harvest	Systematic Thinning	4211 - Planted Red Pine	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**Prescription 3rd row thin.Specs:Next StepTreatments:Acceptable Red pine.Regen:OtherComment:Proposed Start Date: 10/1 /2019

51	41143051-cut	27.3	42110 - Planted Red Pine	Sawtimber Well	65	111- 140	Harvest	Systematic Thinning	4211 - Planted Red Pine	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**Prescription 3rd row thin.Specs:Next StepTreatments:Acceptable Red pineRegen:OtherComment:Proposed Start Date: 10/1 /2019



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	Approval Status
53	41143053- Monitor	8.3	42200 - Natural White Pine	Poletimber Medium	54	51-80	Monitoring	Natural Regen (Intermediate)	413 - Aspen	Even-Aged	Draft Field Boundary
Habitat Cut: No			Site Condition:								
<u>Prescription</u> .regen check											
<u>Specs:</u>											
<u>Next Step</u>											
<u>Treatments:</u>											
<u>Acceptable</u> any species on site											
<u>Regen:</u>											
<u>Other</u> Percent to Treat = 100%											
<u>Comment:</u>											
<u>Proposed Start Date:</u> 11/14/2021											
54	41143054-Cut	9.8	42110 - Planted Red Pine	Sawtimber Well	62	81-110	Harvest	Systematic Thinning	4211 - Planted Red Pine	Even-Aged	Draft Field Boundary
Habitat Cut: No			Site Condition:								
<u>Prescription</u> First entry thinning.											
<u>Specs:</u>											
<u>Next Step</u>											
<u>Treatments:</u>											
<u>Acceptable</u> .											
<u>Regen:</u>											
<u>Other</u>											
<u>Comment:</u>											
<u>Proposed Start Date:</u> 10/1 /2019											
56	41143056-Cut	18.1	42110 - Planted Red Pine	Sawtimber Well	62	51-80	Harvest	Systematic Thinning	4211 - Planted Red Pine	Even-Aged	Draft Field Boundary
Habitat Cut: No			Site Condition:								
<u>Prescription</u> First entry thinning.											
<u>Specs:</u>											
<u>Next Step</u>											
<u>Treatments:</u>											
<u>Acceptable</u> .											
<u>Regen:</u>											
<u>Other</u>											
<u>Comment:</u>											
<u>Proposed Start Date:</u> 10/1 /2019											
58	41143058-Cut	21.2	42200 - Natural White Pine	Sawtimber Well	100	81-110	Harvest	Overstory Removal	4220 - Natural White Pine	Two-Aged	Draft Field Boundary
Habitat Cut: No			Site Condition:								
<u>Prescription</u> Cut all red pine and cut all white pine over 16".											
<u>Specs:</u>											
<u>Next Step</u>											
<u>Treatments:</u>											
<u>Acceptable</u> White Pine											
<u>Regen:</u>											
<u>Other</u>											
<u>Comment:</u>											
<u>Proposed Start Date:</u> 10/1 /2019											



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	Approval Status
62	41143062-Cut	83.7	42200 - Natural White Pine	Sawtimber Well	100	51-80	Harvest	Single Tree Selection	4220 - Natural White Pine	Two-Aged	Draft Field Boundary

Habitat Cut: No**Site Condition:**

Prescription Mark up to 1/3 the BA focusing on growing the best tree in place. Seize opportunities to improve stand diversity when appropriate. Slope is likely too steep to operate on and has most of the XL pine. Operations will likely be minimal here.

Next Step Monitoring, Natural Regen (Re-Inventary)

Treatments:

Acceptable White pine.

Regen:

Other

Comment:

Proposed Start Date: 10/1 /2019

70	41143070-cut	90.2	42200 - Natural White Pine	Sawtimber Well	90	81-110	Harvest	Single Tree Selection	4220 - Natural White Pine	Uneven-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Mark up to 1/3 the BA focusing on growing the best tree in place. North portion of that has some cherry and red maple making its way into the overstory. Seize opportunities to improve stand diversity when appropriate.

Next Step Monitoring, Natural Regen (Re-Inventary)

Treatments:

Acceptable White mixed with other species.

Regen:

Other

Use standard BMP guidance on Stanley Lake (100').

Comment:

Proposed Start Date: 10/1 /2019

85	41143085-cut	13.9	6122 - Black Spruce	Polettinber Well	117	81-110	Harvest	Clearcut with Retention	6122 - Black Spruce	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Clearcut with retention. Retention could be in the north point of 83- may be a drainage.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventary)

Treatments:

Acceptable Black spruce and other species.

Regen:

Other

Comment:

Proposed Start Date: 10/1 /2019

87	41143087-cut	4.5	6122 - Black Spruce	Polettinber Well	109	81-110	Harvest	Clearcut with Retention	6122 - Black Spruce	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Clearcut with retention, retention will be the river buffer.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventary)

Treatments:

Acceptable Black spruce and any mix of species.

Regen:

Other

Comment:

Proposed Start Date: 10/1 /2019



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
89 41143089-cut	1.6	42210 - Natural Red Pine	Sawtimber Well	109	111-140	Harvest	Clearcut	42290 - Natural Mixed Pine	Even-Aged	Draft Field Boundary

Habitat Cut: No

Site Condition:

Prescription Clearcut and scarify for mixed pine. No retention due to small size.

Specs:

Next Step SitePrep, Scarification; Monitoring, Natural Regen (Intermediate)

Treatments:

Acceptable Mixed pine.

Regen:

Other

Comment:

Proposed Start Date: 10/1 /2019

**Total Treatment
Acreage Proposed: 582.9**

Report 4 – Site Conditions

Shingleton Mgt. Unit

Mario Molin : Examiner

Compartment: 143

Year of Entry: 2020

Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	Dominant Site Conditions						
		With Condition	Not Available		4A	5B	1A	3D	5D	5E	
186	181	0	6	Aspen			6				
7	7	0	0	Bog							
9	7	0	1	Cedar			1				
14	14	0	0	Herbaceous Openland							
28	27	0	1	Jack Pine			1				
770	770	0	0	Low-Density Trees							
11	9	0	2	Lowland Deciduous			2				
26	7	0	18	Lowland Shrub			18				
86	41	6	39	Lowland Spruce/Fir	6		1	13	24	1	
47	14	0	33	Marsh			33				
19	19	0	0	Mixed Upland Deciduous							
35	17	0	18	Natural Mixed Pines				18			
45	45	0	0	Northern Hardwood							
433	428	0	5	Red Pine			5				
12	5	0	7	Tamarack				7			
22	22	0	0	Treed Bog							
55	55	0	0	Upland Mixed Forest							
15	14	0	1	Water			1				
472	451	7	13	White Pine		7	13				
2,293	2,134	13	145	Total Forested Acres	6	7	82	39	24	1	
	93%	1%	6%	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 Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable	1A: Federal/State/Local Law	33	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments: River buffer							

Report 4 – Site Conditions

Shingleton Mgt. Unit

Compartment: 143

Mario Molin : Examiner

Year of Entry: 2020

2	Unavailable	1A: Federal/State/Local Law	23	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
<p>Comments: Fox River 100' zone</p>							
3	Unavailable	1A: Federal/State/Local Law	11	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
<p>Comments: Fox River 100' zone</p>							
4	Unavailable	3D: Recreational / Scenic values	13	Unspecified	Unspecified	Unspecified	Unspecified
<p>Comments: Snowmobile trail- most likely needing to be a winter harvest.</p>							
5	Available	4A: No Markets Available for these Forest Products	6	Unspecified	Unspecified	Unspecified	Unspecified
<p>Comments:</p>							
6	Unavailable	3D: Recreational / Scenic values	18	Unspecified	Unspecified	Unspecified	Unspecified
<p>Comments:</p>							
7	Unavailable	3D: Recreational / Scenic values	7	Unspecified	Unspecified	Unspecified	Unspecified
<p>Comments: Snowmobile trail- Likely needing to be harvested in winter.</p>							

Report 4 – Site Conditions

Shingleton Mgt. Unit
Mario Molin : Examiner

Compartment: 143
Year of Entry: 2020

8	Available	5B: Maintain for regeneration purposes	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
9	Unavailable	5D: Unproductive Forest Land	24	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
10	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
11	Unavailable	1A: Federal/State/Local Law	0	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments: River buffer							
12	Unavailable	1A: Federal/State/Local Law	19	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments: River buffer							
13	Unavailable	1A: Federal/State/Local Law	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments: River buffer							

Report 4 – Site Conditions

Shingleton Mgt. Unit

Compartment: 143

Mario Molin : Examiner

Year of Entry: 2020

16	Unavailable	1A: Federal/State/Local Law	1	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments: Fox River Natural River zone							

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.

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

Conservation Area	Type	Description
SCA	Cold Water Lake	A coldwater lake has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species to persist from year to year. Suitable conditions for coldwater fishes may occur in Michigan lakes if they are relatively deep, have substantial groundwater inflows, or are located in colder (northern) areas of the state. Such lakes are established by Director's action and designated as trout resources by Fisheries Order 200.
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.
HCVA	Natural Rivers	There are two Natural Rivers datasets which are derived from spatial buffers set from an established and approved distance from the river centerlines. The Natural Rivers Zoning District is a 400 foot buffer for most Natural Rivers. The Vegetative Buffer ranges from 25 to 100 feet. To view specific Zoning Districts and Vegetative Buffers for each Natural River see the table located on the I:\Documentation\GDSE data folder.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
2	42290 - Natural Mixed Pine	Sawtimber Poor	17.3	65	1-50	
						[6/22/11 BB] Stand is now on proposal, 41-048-10-01 "143 RPA", Unit 4, actual acres = 15, Residual BA = Red Pine 9 sq ft, white pine 27 sq ft. Due to change in Biologist TSI FTP dropped in Lieu of 2" spec. [12/21/11] Stand is now under contract. TCR: 11/14/17
3	4112 - Maple, Beech, Cherry Association	Sawtimber Well	27.3	85	51-80	
4	42200 - Natural White Pine	Sawtimber Medium	6.8	65	81-110	Poor quality stand, white pine is very limby and many are multi stemmed.
5	42200 - Natural White Pine	Sawtimber Medium	18.5	149	81-110	White pine ridges surrounding Spring lake.
8	4130 - Aspen	Sapling Well	77.3	20	Immature	
9	4130 - Aspen	Sapling Well	31.2	20	Immature	
10	42110 - Planted Red Pine	Poletimber Well	19.9	65	51-80	Small pocket of jack pine included at the choke point of the stand.
11	42110 - Planted Red Pine	Poletimber Well	15.4	62	111-140	OPIC - FMD: Underplanted last entry - survival of rp seedlings extremely limited. The snowmobile trail runs along the south edge of this stand.
12	42200 - Natural White Pine	Sawtimber Well	11.4	73	81-110	
13	4311 - Pine, Aspen Mix	Poletimber Well	24.2	65	81-110	
14	42120 - Planted Jack Pine	Poletimber Well	6.3	31	81-110	Planted in 1987 with 3 different pesticide treatments for grubs. (FTP 41-388)
15	42110 - Planted Red Pine	Sawtimber Well	10.6	62	81-110	
16	42110 - Planted Red Pine	Sawtimber Well	5.6	62	81-110	OPIC - Underplanted with more red pine last entry - a few seedlings are surviving. A few white pine & red maple are also present.
17	42200 - Natural White Pine	Sawtimber Well	9.2	77	81-110	
18	42110 - Planted Red Pine	Sawtimber Medium	9.4	62	111-140	OPIC Underplanted with more red pine last entry.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
19	42110 - Planted Red Pine	Sawtimber Medium	5.5	62	111-140	
20	42110 - Planted Red Pine	Sawtimber Well	26.2	65	81-110	OPIC - FMD: Red pine with some white pine logs & poles included. The snowmobile trail runs through this stand.
21	4112 - Maple, Beech, Cherry Association	Poletimber Poor	17.7	60	1-50	OPIC - FMD: Scattered red maple, brush & a few small pine over grass. Poor stocking makes site index unreliable. The snowmobile trail runs along the south edge of this stand.
22	42110 - Planted Red Pine	Sawtimber Well	5.5	62	81-110	OPIC - FMD: Low SI red pine, but slowly maturing into sawlog-diameter trees. A few scattered merchantable red maple & white pine also present. Underplanting of red pine since last entry shows limited survival, but more white pine regen is present in the areas that were disturbed during the planting. The snowmobile trail runs along the south edge of this stand.
23	42110 - Planted Red Pine	Sawtimber Medium	3.4	62	51-80	OPIC - FMD: Low SI red pine, but slowly maturing into sawlog-diameter trees. A few scattered merchantable red maple & white pine also present. Underplanting of red pine since last entry shows some survival, but more white pine regen is present in the areas that were disturbed during the planting. The snowmobile trail runs along the north edge of this stand.
24	42110 - Planted Red Pine	Sawtimber Well	8.5	65	81-110	OPIC - FMD: Low SI red pine, but slowly maturing into sawlog-diameter trees. Scattered merchantable red maple & white pine also present. Underplanting of red pine since last entry shows little survival, but some white pine - aspen - red maple regen is present in the areas that were disturbed during the planting. The snowmobile trail runs along the north edge of this stand.
25	42110 - Planted Red Pine	Sawtimber Well	3.4	62	81-110	OPIC - FMD: Low SI red pine, but slowly maturing into sawlog-diameter trees. A few scattered merchantable red maple & white pine also present. Underplanting of red pine since last entry shows little survival, but some white pine - aspen - red maple regen is present in the areas that were disturbed during the planting. The snowmobile trail runs along the north edge of this stand.
26	42110 - Planted Red Pine	Sawtimber Well	0.8	65	81-110	OPIC - FMD: Low SI red pine.
29	42110 - Planted Red Pine	Sawtimber Well	8.0	65	81-110	
31	42200 - Natural White Pine	Sawtimber Well	3.5	65	51-80	
32	42110 - Planted Red Pine	Sawtimber Well	34.9	55	81-110	Cut in 11/2016 [6/22/11 BB] Stand is now on proposal, 41-048-10-01 "143 RPA", Unit 6, actual acres = [12/21/11] Stand is now under contract. TCR: 11/14/17
33	4130 - Aspen	Sapling Medium	44.9	30	Immature	OPIC - FMD: Aspen clones still expanding after being burned in 1987 Fox River Fire. Composition and density are variable. The Fox River Pathway runs through this stand.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
34	42110 - Planted Red Pine	Sawtimber Well	45.2	57	111-140	Thinning completed in 2004. 2018- Does not look like it had a conventional first entry row thinning.
35	42110 - Planted Red Pine	Sawtimber Well	41.6	65	111-140	
37	6126 - Lowland Jack Pine	Sapling Well	20.7	30	Immature	Burned in 1987, using that 1988 as year established for age.
38	6122 - Black Spruce	Poletimber Well	8.7	96	81-110	Access across the wetlands
39	6122 - Black Spruce	Poletimber Well	3.9	96	81-110	OPIC - FMD: Spruce on wet ground. Inaccessible across the wet lowlands.
40	6113 - Lowland Maple	Poletimber Well	11.2	88	81-110	Balsam fir/spruce. Mixed hardwood includes red maple & paper birch. Access across the wetlands.
41	6122 - Black Spruce	Poletimber Well	3.6	96	81-110	Spruce on wet ground. Difficult access across the wet lowlands, conflicts with harvesting and snowmobile season...
42	4132 - Aspen, Jack Pine	Poletimber Well	20.0	30	1-50	Area burned in 1987. Stand changes in species composition throughout, may be able to break into smaller stands in future.
43	42220 - Natural Jack Pine	Poletimber Well	1.0	30	1-50	
44	4130 - Aspen	Poletimber Well	2.0	30	1-50	Area burned in 1987
46	6122 - Black Spruce	Poletimber Well	1.9	97	81-110	
47	6121 - Tamarack	Sapling Medium	4.9	31	Immature	OPIC - FMD: Burned in 1987 - slowly regenerating. Enough trees present to call it an S2 but the site index appears to be very low. A few larger trees that survived the fire are also present.
48	42110 - Planted Red Pine	Sawtimber Well	26.3	65	111-140	The Fox River Pathway runs through this stand in the southern end (east/west).
49	4133 - Aspen, Mixed Pine	Sawtimber Well	11.2	45	81-110	: Ridge of aspen with white pine & red maple. The Fox River Pathway follows the ridge.
50	4319 - Mixed Upland Forest	Poletimber Poor	8.7	50	1-50	Low quality and density stand of mixed timber, mainly white pine and red maple.
51	42110 - Planted Red Pine	Sawtimber Well	27.3	65	111-140	



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
53	42200 - Natural White Pine	Poletimber Medium	8.3	54	51-80	<p>Since the snowmobile trail is the access route into this compartment, timber sale activity should be restricted so that it does not occur from December 1st through March 31st.</p> <p>[6/22/11 BB] Stand is now on proposal, 41-048-10-01 "143 RPA", Unit 4, actual acres = 8,</p> <p>[12/21/11] Stand is now under contract. TCR: 11/14/17</p>
54	42110 - Planted Red Pine	Sawtimber Well	9.8	62	81-110	<p>OPIC - FMD: Low SI red pine, but slowly maturing into sawlog-diameter trees. A few scattered merchantable red maple & white pine also present. Underplanting of red pine since last entry shows limited survival, but more white pine regen is present in the areas that were disturbed during the planting.</p>
55	42200 - Natural White Pine	Sawtimber Well	77.3	65	51-80	<p>The snowmobile trail and the Fox River Pathway both run through this stand.</p> <p>[8/2/11 BB] Stand is on proposal 29-10-01 Comp 143 Beech Removal, actual acres 79. Beech reserve trees marked in green.</p>
56	42110 - Planted Red Pine	Sawtimber Well	18.1	62	51-80	<p>OPIC - FMD: Low SI red pine, but slowly maturing into sawlog-diameter trees. A few scattered merchantable red maple & white pine also present. Underplanting of red pine since last entry shows limited survival, but more white pine regen is present in the areas that were disturbed during the planting.</p>
58	42200 - Natural White Pine	Sawtimber Well	21.2	100	81-110	
59	42110 - Planted Red Pine	Poletimber Well	2.9	62	81-110	<p>OPIC - FMD: Thin now to release the best trees, then hold it through the rest of the rotation. A few white pine are also present.</p> <p>Since the snowmobile trail is the access route into this compartment, timber sale activity should be restricted so that it does not occur from December 1st through March 31st.</p> <p>[6/22/11 BB] Stand is now on proposal, 41-048-10-01 "143 RPA", Unit 1, actual acres = 4, Residual BA = red maple 3 sq ft, white pine 7 sq ft, red pine 55 sq ft</p> <p>[12/21/11] Stand is now under contract. TCR: 11/14/17</p>
60	42110 - Planted Red Pine	Poletimber Well	89.9	62	81-110	<p>OPIC - FMD: Thin now to release the best trees, then hold it through the rest of the rotation. A few white pine are also present. The snowmobile trail and the Fox River Pathway both run through this stand.</p> <p>Leave red maple, oak, cherry, and some super-canopy white pine unless removal is necessary for equipment access.</p> <p>TCR: 11/14/17</p> <p>[6/22/11 BB] Stand is now on proposal, 41-048-10-01 "143 RPA", Unit 1-3, actual acres = 87, Residual BA = red maple 4 sq ft, white pine 6 sq ft, red pine 56 sq ft, big tooth aspen 4 sq ft</p> <p>[12/21/11] Stand is now under contract.</p>
61	4191 - Mixed Upland Deciduous with Conifer	Poletimber Medium	19.2	65	51-80	<p>OPIC - FMD: Semi-open stand of white pine/red maple and grassy areas.</p> <p>The snowmobile trail runs along the south edge of this stand.</p>

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Shingleton Mgt. Unit

Report 7 – Forested Stands

Compartment: 143
Year of Entry: 2020

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
62	42200 - Natural White Pine	Sawtimber Well	87.0	100	51-80	The snowmobile trail and the Fox River Pathway both run through this stand.
63	4319 - Mixed Upland Forest	Sapling Well	21.7	35	1-50	
68	42200 - Natural White Pine	Sawtimber Well	3.6	90	51-80	OPIC - FMD: HCVA - Fox River This is generally a mix of white pine, red maple, spruce and balsam fir. Somewhat lower & wetter with more spruce/fir (mixed softwood pulp) near the Little Fox Widewaters.
69	6122 - Black Spruce	Poletimber Well	14.1	93	1-50	HCVA - Fox River The snowmobile trail runs along the NE edge of this stand.
70	42200 - Natural White Pine	Sawtimber Well	96.6	90	81-110	OPIC - FMD: HCVA - Fox River Parts of this stand were thinned in the 80's or 90's. The understory is generally a mix of white pine, red maple, spruce and balsam fir. Composition, density and site indices all vary throughout the stand. Somewhat lower & wetter with more spruce/fir (mixed softwood pulp) near Stanley Lake. The Fox River Pathway and the snowmobile trail both run through this stand.
74	6122 - Black Spruce	Sapling Medium	23.7	104	1-50	Submerchantable trees. Spruce bog.
75	6122 - Black Spruce	Sapling Well	5.9	95	1-50	Mostly sub merchantable timber. The snowmobile trail runs along the southwest edge of this stand.
76	6122 - Black Spruce	Sapling Poor	1.9	102	1-50	Submerchantable trees. The Fox River Pathway runs along the edge of the stand.
77	42200 - Natural White Pine	Sawtimber Medium	7.8	114	81-110	Fox River Pathway along the SW edge.
78	42210 - Natural Red Pine	Sawtimber Well	13.1	114	81-110	HCVA - Fox River decommissioned campground, still used by hikers and fisherman
80	42200 - Natural White Pine	Sawtimber Well	13.3	90	51-80	Small pocket of over mature jack pine on the north end. The Fox River Pathway runs along the SW side.
82	6120 - Lowland Cedar	Poletimber Well	8.8	109	111-140	HCVA - Fox River Buffer along the Little Fox River - maintain per the Fox River Plan.
85	6122 - Black Spruce	Poletimber Well	13.9	117	81-110	
87	6122 - Black Spruce	Poletimber Well	8.4	109	81-110	HCVA - Fox River
89	42210 - Natural Red Pine	Sawtimber Well	1.6	109	111-140	Over mature red pine and jack pine.

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Shingleton Mgt. Unit

Report 7 – Forested Stands

Compartment: 143
Year of Entry: 2020



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
90	6121 - Tamarack	Poletimber Well	7.2	94	81-110	
404	42200 - Natural White Pine	Poletimber Medium	21.8	40	1-50	HCVA - Fox River The Fox River Pathway runs through the stand.
406	42200 - Natural White Pine	Poletimber Poor	85.5	30	1-50	Old opening that is filling in mainly with white pine.
410	42290 - Natural Mixed Pine	Sawtimber Poor	18.1	100	1-50	OPIC - FMD: The snowmobile trail and the Fox River Pathway both run through this stand.



Stand	Cover Type	Acres	Managed Site	General Comments:
1	622 - Lowland Shrub	4.0	No	
6	500 - Water	10.1	No	OPIC - FMD: SPRING LAKE
36	3303 - Mixed Low Density Trees	125.6	No	
45	622 - Lowland Shrub	7.3	No	River flood plain
57	6225 - Bog	6.7	No	OPIC - FMD: Marsh/bog
64	623 - Emergent Wetland	27.5	No	HCVA - Fox River Marsh/bog along the Little Fox Widewaters, some scattered submerchantalbe trees and tag alder. The snowmobile trail runs along the northeast side of this stand.
65	623 - Emergent Wetland	1.2	No	HCVA - Fox River Marsh/bog along the Little Fox Widewaters
66	623 - Emergent Wetland	3.9	No	HCVA - Fox River Marsh/bog along the Little Fox Widewaters
67	500 - Water	5.5	No	OPIC - FMD: Little Fox Widewaters
71	623 - Emergent Wetland	12.8	No	: HCVA - Fox River Marsh/bog/lowland brush- Some scattered sub merchantable conifers and tag alder.
72	623 - Emergent Wetland	2.1	No	OPIC - FMD: HCVA - Fox River Marsh/bog/lowland brush
79	6224 - Treed Bog	10.6	No	Bog/marsh with submerchantable trees.
83	6224 - Treed Bog	8.2	No	HCVA - Fox River
86	6224 - Treed Bog	3.5	No	Boggy area with some lowland brush & scattered submerchantable trees.
88	622 - Lowland Shrub	14.3	No	Marsh/bog/lowland brush along the Little Fox River
401	3302 - Low Density Conifer Trees	193.0	No	.Scattered mix of trees throughout, white, red and jack pine mainly.



Stand	Cover Type	Acres	Managed Site	General Comments:
402	3302 - Low Density Conifer Trees	241.1	No	OPIC - FMD: Grassy areas including stump fields, scattered trees & pockets of trees, and small boggy inclusions. The snowmobile trail runs through this stand.
403	3302 - Low Density Conifer Trees	202.8	No	OPIC - FMD: Grassy areas including stump fields, scattered mixed trees & pockets of trees, and small boggy inclusions. The snowmobile trail (north end) and the Fox River Pathway (south end) both run through this stand.
405	3102 - Grass	2.3	No	HCVA - Fox River Grassy opening w/scattered trees near the Little Fox River.
407	3102 - Grass	9.9	No	
408	3102 - Grass	2.0	No	OPIC - FMD: Grass/brush/scattered white pine
409	3302 - Low Density Conifer Trees	7.4	No	