



# Compartment Review Presentation

Shingleton Forest Management Unit

Compartment 41163

Entry Year 2021

Acreage: 1,981

County Schoolcraft

Management Area: Seney Lake Plain

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**Stand Examiner:** Kyle Reidenga

**Legal Description:**

T47N R16W Sections 24-26 and 34-36

**Identified Planning Goals:**

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

**Soil and topography:**

This area is Outwash transition with Flat Terrain. Soils vary from peat and muck in the wet areas of the compartment to sand and loam on the outwash transition.

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

There are no in holdings in the compartment there is about 40 acres on the edge of Worchester Lake. There is some Forest Land Group property around the compartment there are also a few camps in the area.

**Unique Natural Features:**

There are high quality Patterned Fens and Rich Shrub herb fens are widespread thought the compartment. There is potential for the common loon to occur in Worchester Lake, which borders stand 1. In addition, there is potential for osprey in this compartment. The juxtaposition of northern hardwood stands and an extensive wetland complex also indicates potential for red-shouldered hawk.

**Archeological, Historical, and Cultural Features:**

There are no known features.

**Special Management Designations or Considerations:**

The Creighton Marsh Patterned Fen ERA in this compartment represents a high-quality example of a patterned fen. A management plan for it can be found in Shingleton Pattern Fen ERA Plan.

**Watershed and Fisheries Considerations:**

The southern region of this compartment contains Marsh Creek and Shotgun Creek. Shotgun Creek is a designated Type 1 trout stream less than 50' width. A 300' buffer is recommended for Shotgun Creek 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. Marsh Creek is a non-designated stream less than 50' width. 100' plus 5' per 1% increase in slope; buffers are recommended for Marsh Creek to protect riparian areas in accordance with Best Management Practices.

The northwestern section of this compartment borders the eastern shoreline of Worchester Lake. A 100' plus 5' per 1% increase in slope; buffer is recommended for Worchester Lake to protect shoreline areas in accordance with Best Management Practices.

**Wildlife Habitat Considerations:**

This compartment is located south of Wolf Lake Road at the transition zone between the large marsh/conifer ridge complex to the south and the northern hardwood forest to the north. The area receives a substantial amount of moose activity. Most of this compartment is marsh or lowland forest; northern hardwoods are mainly at the northern end. Roughly half of the compartment lies within a patterned fen ecological reference area. The wildlife goals in this compartment include protection of the marsh habitat, maintaining the canopy values associate with hemlock, and maintaining age and structural diversity within the northern hardwoods.

**Mineral Resource and Development Concerns and/or Restrictions**

Surface sediments consist of peat & muck, glacial outwash sand and gravel and postglacial alluvium. There is insufficient data to determine the glacial drift thickness. The Ordovician Prairie du Chien subcrops below the glacial drift. These rocks could be used for stone. A gravel pit is located one mile to the northwest and there could be some potential. There is no commercial oil and gas production in the UP.

**Vehicle Access:**

There is limited county road frontage on a small portion of the compartment. There is limited access on two tracks to most of the compartment. The bridge over marsh creek is suitable for only ORV. Most of the two tracks that access the compartment travel through Forest Land Group property.

**Survey Needs:**

None at this time.

**Recreational Facilities and Opportunities:**

There is a boat access to Worcester Lake. This compartment is also utilized for dispersed outdoor activities like hunting and trapping.

**Fire Protection:**

This compartment is on the north end of the Seney fire as a result there is some young jack pine and black spruce.

**Additional Compartment Information:****The following reports from the Inventory are attached:**

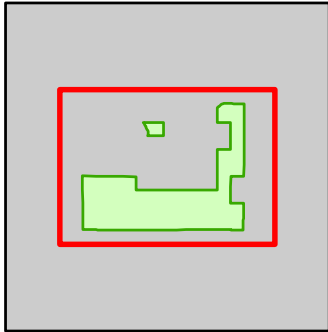
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

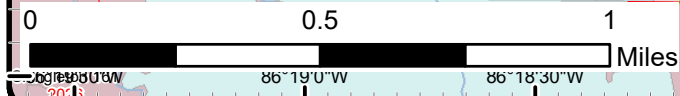
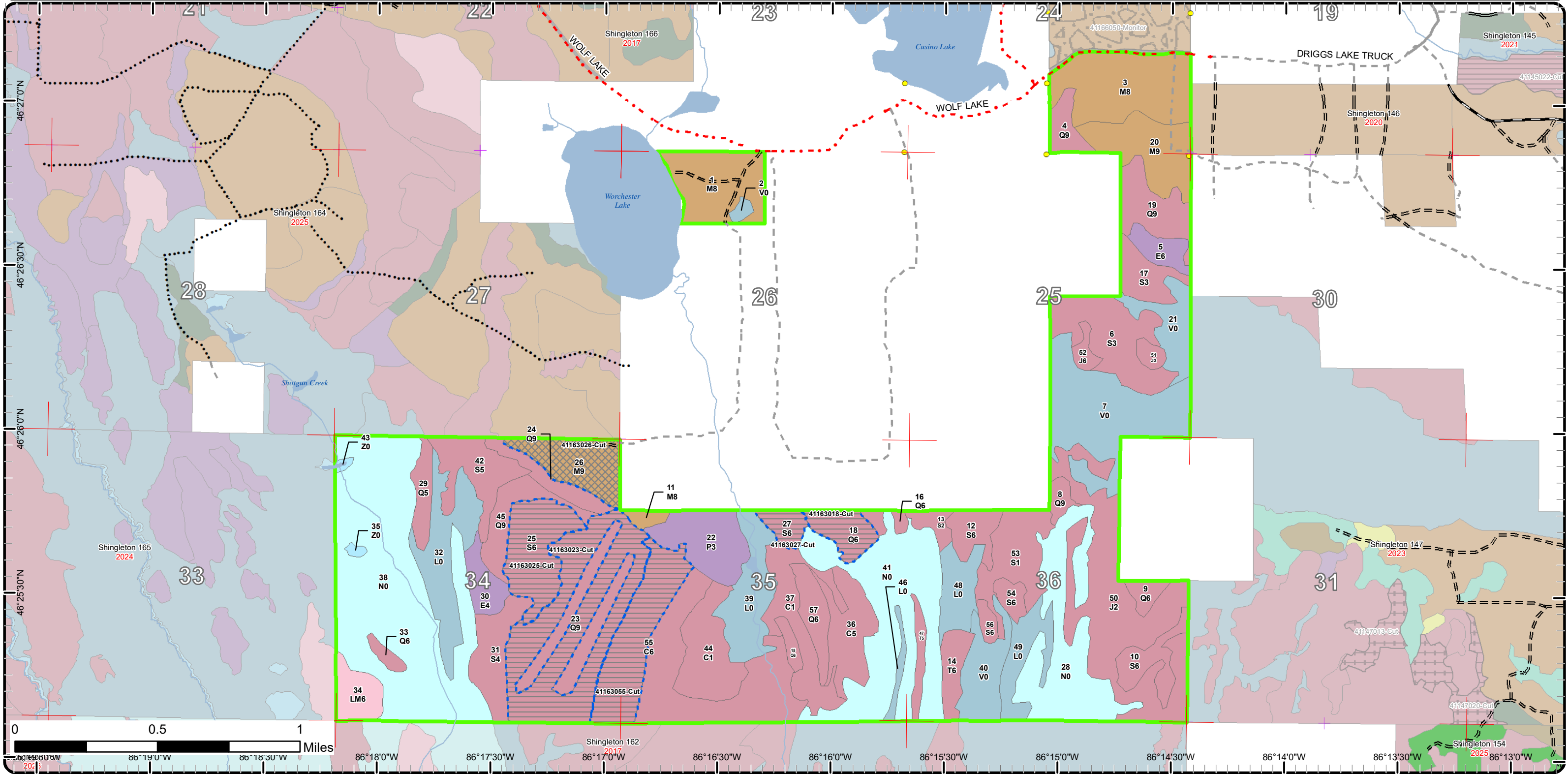
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

# Cover Type & Treatments Map

Compartment: 163  
 T47N, R16W, Sec: 24-26, 34-36  
 County: Schoolcraft  
 Unit: Shingleton  
 Mgmt Area: Seney Lake Plain  
 YOE: 2021  
 Acres: 1981 GIS Calculated  
 Examiner: Kyle Reidenga  
 Map Revised: 9/20/2023  
 Map Phase: Post Review

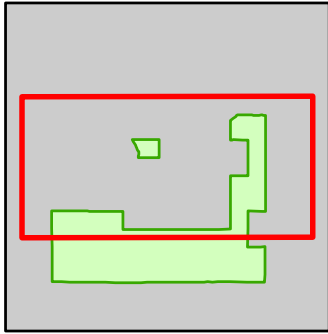


- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- County - Gravel Road
- Private - Dirt / Gravel Road
- DNR - Management Access
- Lake/Pond
- Lakes and Rivers
- Compartment Boundary
- Treatments with Site Conditions
- Selection (Group, Single Tree)
- Clearcut (w/Reserves)
- 411 - Northern Hardwood
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland

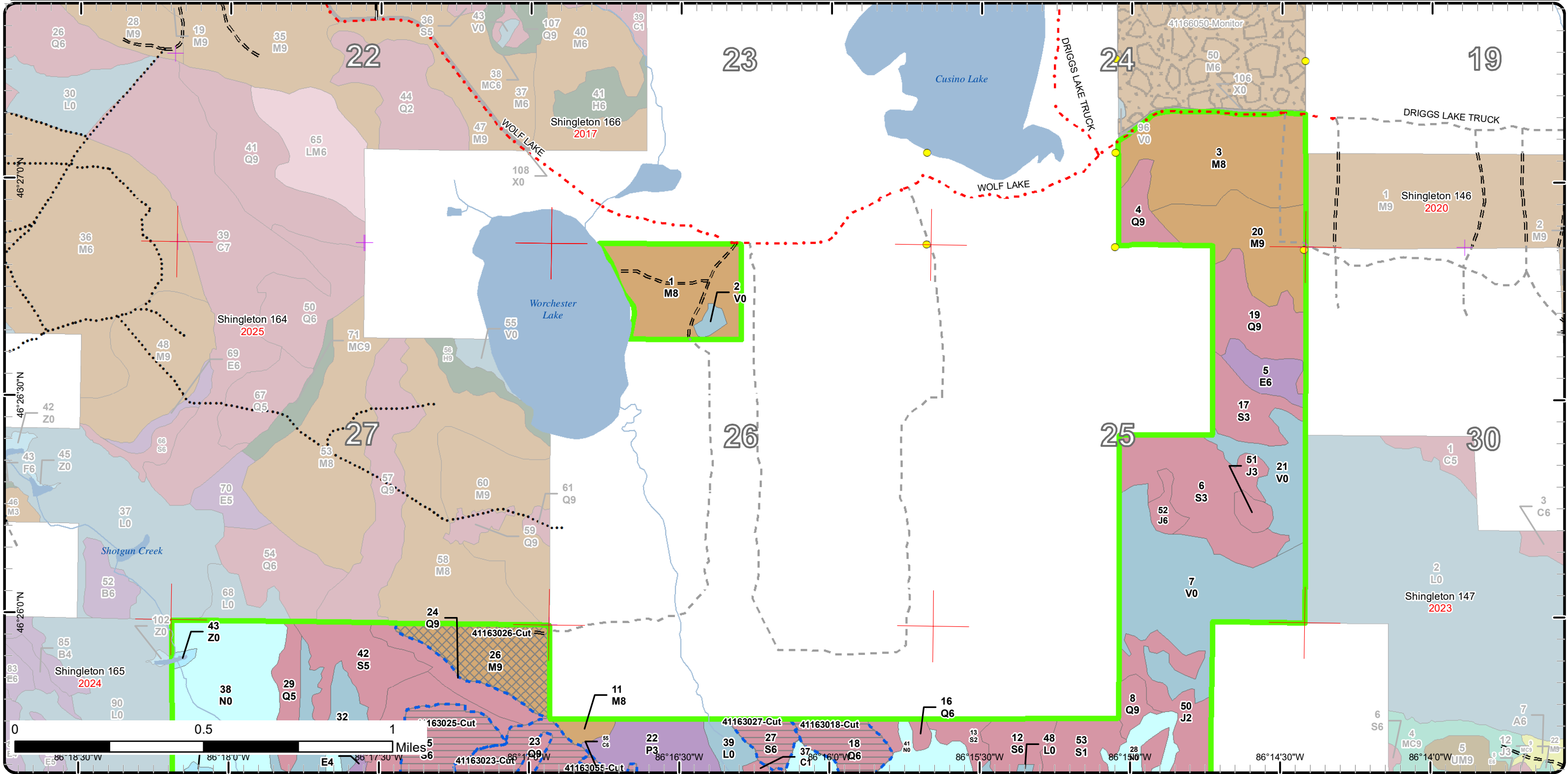


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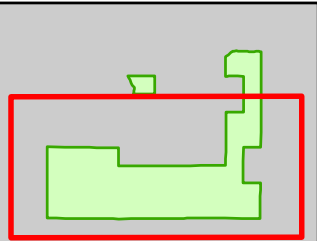
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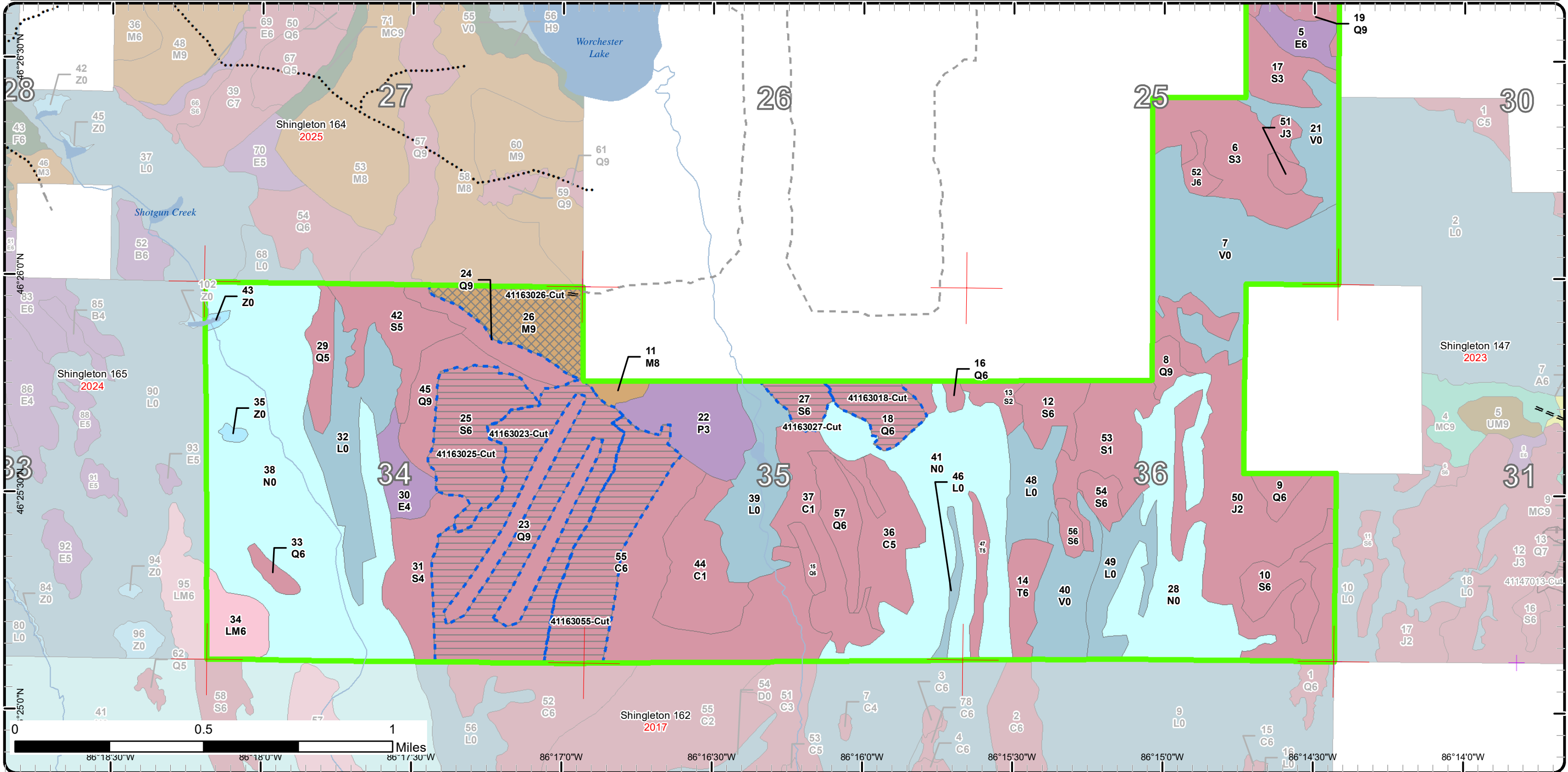


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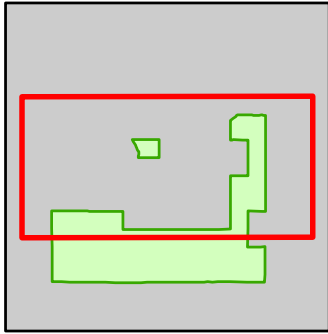
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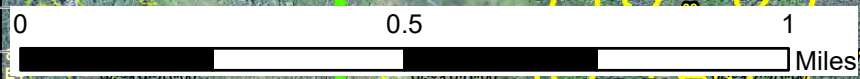
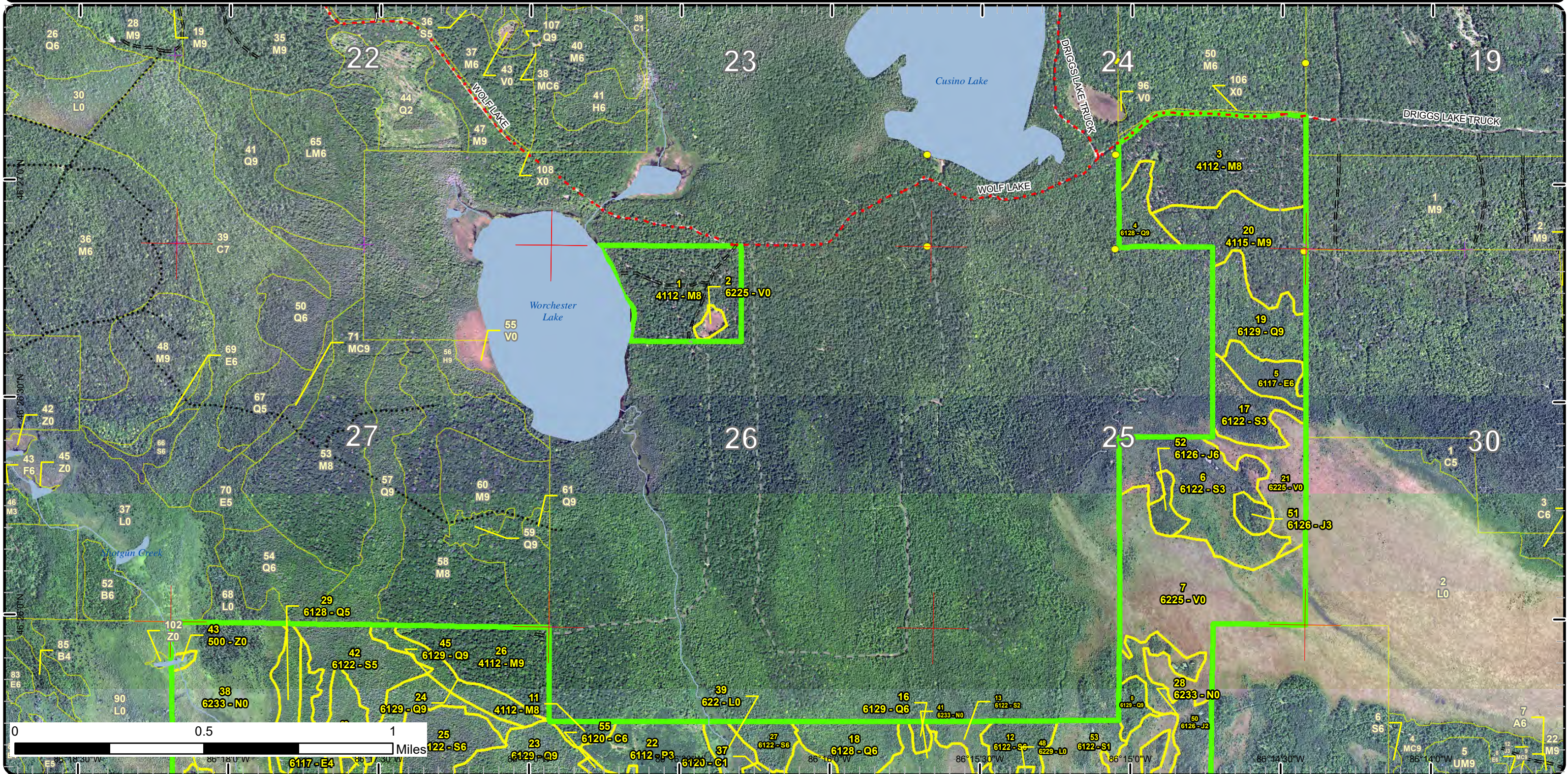


# Stand Boundary Map

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46° 27' 0" N, 46° 26' 30" N, 46° 26' 0" N, 86° 15' 30" W, 86° 15' 0" W, 86° 14' 30" W, 86° 14' 0" W

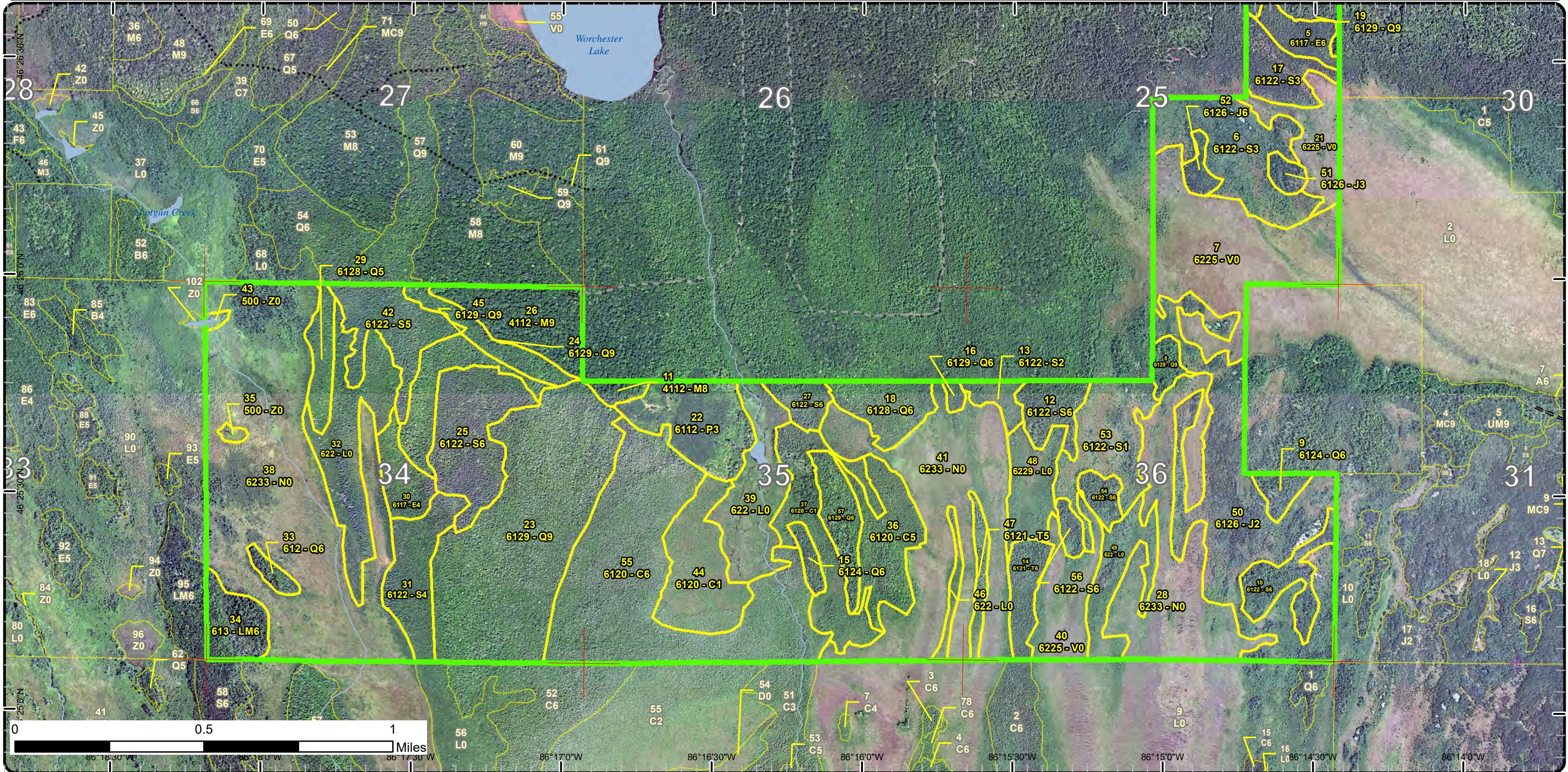


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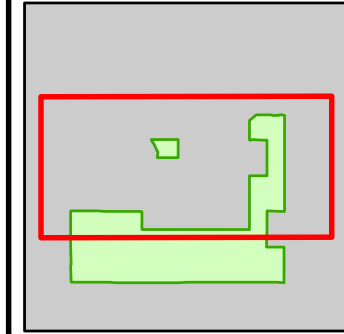
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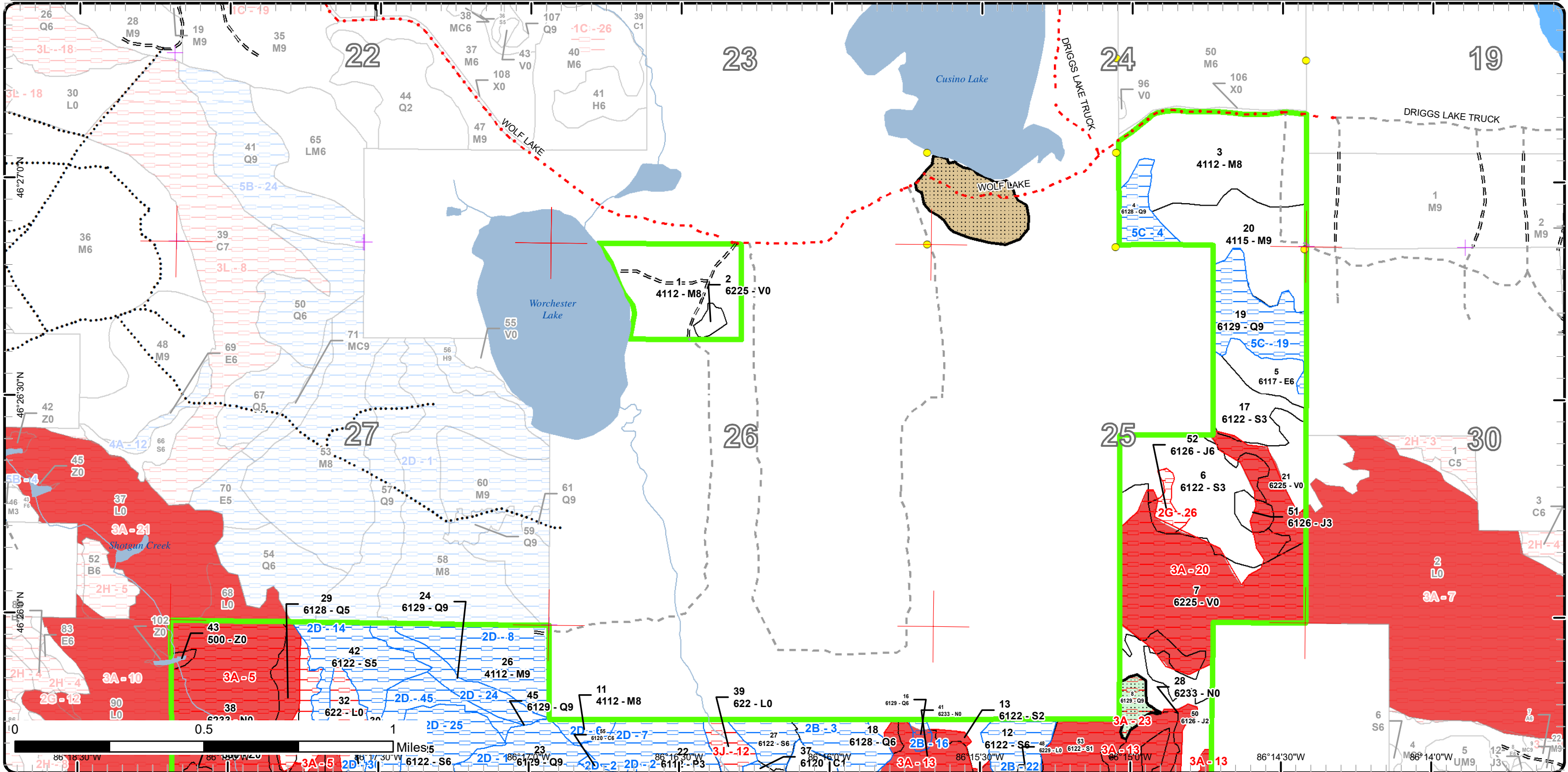


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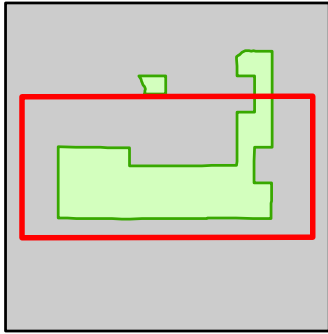
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- Compartment Boundary
- Available w/ Constraints
- 2D: Portable Bridge Needed (Dept. bridge will be adequate)
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- Unavailable
- 2G: Too wet (sensitive soils, does not include access issues)
- 3A: Conservation Values incompatible with harvest at this time
- 3J: Water quality / BMPs (stream, river, or lake)
- Stand Boundaries
- SCA
- Ecological Reference Areas
- Cold Water Streams
- Cold Water Lakes
- High Priority Trout Stream Buffer
- Type 1 and Type 2 Old Growth
- State Forest Campground



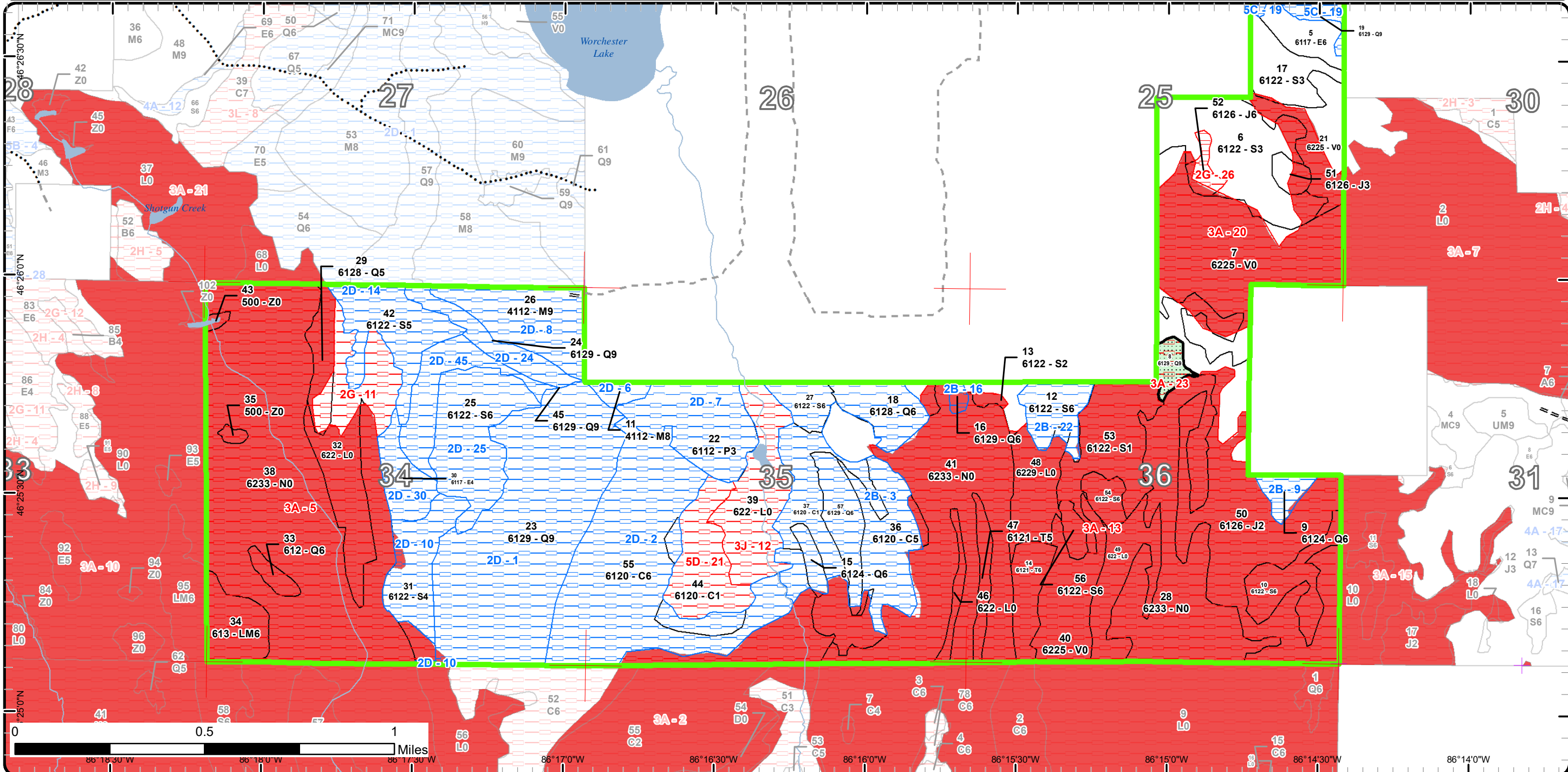


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- Available w/ Constraints
- 2D: Portable Bridge Needed (Dept. bridge will be adequate)
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- Unavailable
- 2G: Too wet (sensitive soils, does not include access issues)
- 3A: Conservation Values incompatible with harvest at this time
- 3J: Water quality / BMPs (stream, river, or lake)
- 5D: Unproductive Forest Land
- Stand Boundaries
- SCA
- Ecological Reference Areas
- Cold Water Streams
- Cold Water Lakes
- Type 1 and Type 2 Old Growth





Report 1 – Total Acres by Cover Type and Age Class



Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Uneven-Aged	Total
Bog	146	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	146
Cedar	0	0	0	0	0	0	0	0	0	34	40	0	180	0	0	0	0	0	254
Jack Pine	0	0	0	0	0	128	0	0	0	0	0	0	0	0	0	0	0	0	128
Lowland Aspen/Balsam Poplar	0	0	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	38
Lowland Conifers	0	0	0	0	0	0	0	0	0	21	23	47	23	0	142	45	0	0	301
Lowland Deciduous	0	0	0	0	0	0	13	0	0	0	15	0	0	0	0	0	0	0	28
Lowland Mixed Forest	0	0	0	0	0	0	0	0	0	19	0	0	0	0	0	0	0	0	19
Lowland Shrub	142	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	142
Lowland Spruce/Fir	0	0	0	0	0	117	0	63	0	0	10	81	13	0	0	0	0	0	283
Marsh	413	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	413
Northern Hardwood	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	202	202
Tamarack	0	0	0	0	0	0	0	0	0	0	0	15	0	0	0	8	0	0	23
Water	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
<b>Total</b>	<b>704</b>	<b>0</b>	<b>38</b>	<b>0</b>	<b>0</b>	<b>245</b>	<b>13</b>	<b>63</b>	<b>0</b>	<b>0</b>	<b>99</b>	<b>144</b>	<b>75</b>	<b>203</b>	<b>0</b>	<b>142</b>	<b>53</b>	<b>202</b>	<b>1980</b>





## Report 2 – Treatment Summary

Shingleton Mgt. Unit

Year of Entry: 2021

Acres of Harvest

Compartment 163

Total Compartment Acres: 1,981

Commercial Harvest -  
 Harvests with Site Condition - 275  
 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
Cedar	58	0	0	0	0	0	0	0	0	58
Lowland Conifers	125	0	0	0	0	0	0	0	0	125
Lowland Spruce/Fir	55	0	0	0	0	0	0	0	0	55
Northern Hardwood	0	36	0	0	0	0	0	0	0	36
<b>Total</b>	<b>239</b>	<b>36</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>275</b>

### Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	275	0	0	0	0	0	0	0	0	275
Next Step	0	0	0	0	0	0	275	36	0	311
<b>Total</b>	<b>275</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>275</b>	<b>36</b>	<b>0</b>	<b>585</b>





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

<b>18</b>	<b>41163018-Cut</b>	18.2	6128 - Lowland Coniferous, Mixed Deciduous	Poetimber Well	102	81-110	Harvest	Clearcut with Retention	6129 - Mixed Coniferous Lowland Forest	Even-Aged	No
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Prescription Clearcut with retention next to ERA if needed. Cut all species except for all Hemlock and Cedar as well as White Pine over 20 inches DBH.  
Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable All present species.

Regen:

Other

Comment:

Site Condition Unknown Access

Proposed Start Date: 10/1 /2020

<b>23</b>	<b>41163023-Cut</b>	106.9	6129 - Mixed Coniferous Lowland Forest	Sawtimber Well	147	51-80	Harvest	Clearcut with Retention	6129 - Mixed Coniferous Lowland Forest	Even-Aged	No
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Prescription Clearcut with retention.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable All present species

Regen:

Other

Comment:

Site Condition Portable Bridge Needed

Proposed Start Date: 10/1 /2020

<b>25</b>	<b>41163025-Cut</b>	45.3	6122 - Black Spruce Well	Poetimber Well	100	111- 140	Harvest	Clearcut with Retention	6129 - Mixed Coniferous Lowland Forest	Even-Aged	No
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Prescription Cut all species except for Hemlock and White Cedar. Use the South side of the stand for retention.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable All present species.

Regen:

Other

Comment:

Site Condition Portable Bridge Needed

Proposed Start Date: 10/1 /2020



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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
<b>26 41163026-Cut</b>	35.9	4112 - Maple, Beech, Cherry Association	Sawtimber Well	111	81-110	Harvest	Single Tree Selection	411 - Northern Hardwood	Two-Aged	No
<p><u>Prescription</u> Salvage cut removing the Beech trees. Thin other species for stand health. After harvest use chemical or mechanical treatments to remove Beech understory. Do not cut hemlock and leave some large rough barked beech for bears.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventary); Other, Other</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Red Maple, Sugar Maple, Yellow Birch, Black Cherry, Hemlock</p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u> Portable Bridge Needed</p> <p><u>Proposed Start Date:</u> 10/1 /2020</p>										
<b>27 41163027-Cut</b>	10.0	6122 - Black Spruce Poletimber Well		96	51-80	Harvest	Clearcut with Retention	6129 - Mixed Coniferous Lowland Forest	Even-Aged	No
<p><u>Prescription</u> Clearcut with retention, using the 100 foot buffer on Marsh Creek as the retention. Will have to build road through the northern part of stand</p> <p><u>Specs:</u> 37.</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventary)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> All present species</p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u> Unknown Access</p> <p><u>Proposed Start Date:</u> 10/1 /2020</p>										
<b>55 41163055-Cut</b>	58.3	6120 - Lowland Cedar	Poletimber Well	123	81-110	Harvest	Clearcut with Retention	6129 - Mixed Coniferous Lowland Forest	Even-Aged	No
<p><u>Prescription</u> Clearcut with retention. Using ERA line on the South side for retention, and stopping the treatment on the east side because of drainages from the creek and smaller trees.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventary)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> All present species</p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u> Portable Bridge Needed</p> <p><u>Proposed Start Date:</u> 10/1 /2020</p>										

**Total Treatment** 274.6  
**Acres Proposed:**



## Report 4 – Site Conditions

Shingleton Mgt. Unit  
Kyle Reidenga : Examiner

Compartment: 163  
Year of Entry: 2021

### Availability for Management

Total Acres	Acres Available	Acres Avail		Acres Not Available	Dominant Site Conditions							
		With Condition			2B	2D	5C	2G	3A	3J	5D	
146	28	0		117	Bog					117		
254	0	183		71	Cedar	63	120			40		31
128	21	0		107	Jack Pine				4	103		
38	0	38		0	Lowland Aspen/Balsam Poplar		38				0	
302	1	274		27	Lowland Conifers	50	181	42	3	24		
28	13	15		0	Lowland Deciduous		15					
19	0	0		19	Lowland Mixed Forest					19		
142	0	1		141	Lowland Shrub	1	0		22	78	41	
283	69	131		83	Lowland Spruce/Fir	26	105			83		
413	9	0		404	Marsh	0	0		0	404		
202	161	41		0	Northern Hardwood		41	0				
24	0	0		24	Tamarack					24		
3	0	0		3	Water					3		
1,981	303	683		995	Total Forested Acres	140	500	42	29	895	41	31
	15%	34%		50%	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	Available	2D: Portable Bridge Needed (Dept. bridge will be adequate)	142	2E: Road needed	2B: Unknown if access through adjacent landowner(s) is possible	4A: No Markets Available for these Forest Products	Unspecified
<b>Comments:</b>							
2	Available	2D: Portable Bridge Needed (Dept. bridge will be adequate)	120	2E: Road needed	2B: Unknown if access through adjacent landowner(s) is possible	4A: No Markets Available for these Forest Products	Unspecified
<b>Comments:</b>							



## Report 4 – Site Conditions

Shingleton Mgt. Unit  
 Kyle Reidenga : Examiner

Compartment: 163  
 Year of Entry: 2021

3	<b>Available</b>	2B: Unknown if access through adjacent landowner(s) is possible	114	2E: Road needed	4A: No Markets Available for these Forest Products	Unspecified	Unspecified
<b>Comments:</b>							
4	<b>Available</b>	5C: Delay treatment for age/size class diversity or exceptional site quality	13	4A: No Markets Available for these Forest Products	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
5	<b>Unavailable</b>	3A: Conservation Values incompatible with harvest at this time	276	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> ERA							
6	<b>Available</b>	2D: Portable Bridge Needed (Dept. bridge will be adequate)	5	2B: Unknown if access through adjacent landowner(s) is possible	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
7	<b>Available</b>	2D: Portable Bridge Needed (Dept. bridge will be adequate)	38	2B: Unknown if access through adjacent landowner(s) is possible	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							



## Report 4 – Site Conditions

Shingleton Mgt. Unit  
Kyle Reidenga : Examiner

Compartment: 163  
Year of Entry: 2021

8	<b>Available</b>	<b>2D: Portable Bridge Needed (Dept. bridge will be adequate)</b>	36	2B: Unknown if access through adjacent landowner(s) is possible	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
9	<b>Available</b>	<b>2B: Unknown if access through adjacent landowner(s) is possible</b>	7	2E: Road needed	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
10	<b>Available</b>	<b>2D: Portable Bridge Needed (Dept. bridge will be adequate)</b>	27	2B: Unknown if access through adjacent landowner(s) is possible	2E: Road needed	Unspecified	Unspecified
<b>Comments:</b>							
11	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	26	2D: Portable Bridge Needed (Dept. bridge will be adequate)	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
12	<b>Unavailable</b>	<b>3J: Water quality / BMPs (stream, river, or lake)</b>	41	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
13	<b>Unavailable</b>	<b>3A: Conservation Values incompatible with harvest at this time</b>	508	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> ERA							

## Report 4 – Site Conditions

Shingleton Mgt. Unit  
 Kyle Reidenga : Examiner

Compartment: 163  
 Year of Entry: 2021

14	Available	2D: Portable Bridge Needed (Dept. bridge will be adequate)	33	2E: Road needed	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
16	Available	2B: Unknown if access through adjacent landowner(s) is possible	2	2E: Road needed	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
19	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	30	4A: No Markets Available for these Forest Products	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
20	Unavailable	3A: Conservation Values incompatible with harvest at this time	104	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> ERA							
21	Unavailable	5D: Unproductive Forest Land	31	2B: Unknown if access through adjacent landowner(s) is possible	2E: Road needed	2C: Engineered Bridge Needed (Dept. portable bridge not available or inadequate)	Unspecified
<b>Comments:</b>							



## Report 4 – Site Conditions

Shingleton Mgt. Unit  
 Kyle Reidenga : Examiner

Compartment: 163  
 Year of Entry: 2021

22	<b>Available</b>	<b>2B: Unknown if access through adjacent landowner(s) is possible</b>	17	2E: Road needed	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
23	<b>Unavailable</b>	<b>3A: Conservation Values incompatible with harvest at this time</b>	6	2E: Road needed	2B: Unknown if access through adjacent landowner(s) is possible	Unspecified	Unspecified
<b>Comments:</b>							
24	<b>Available</b>	<b>2D: Portable Bridge Needed (Dept. bridge will be adequate)</b>	16	2B: Unknown if access through adjacent landowner(s) is possible	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
25	<b>Available</b>	<b>2D: Portable Bridge Needed (Dept. bridge will be adequate)</b>	45	2E: Road needed	4A: No Markets Available for these Forest Products	Unspecified	Unspecified
<b>Comments:</b>							
26	<b>Unavailable</b>	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	4	2E: Road needed	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

**Report 4 – Site Conditions**

**Shingleton Mgt. Unit**  
**Kyle Reidenga : Examiner**

**Compartment: 163**  
**Year of Entry: 2021**

30	<b>Available</b>	<b>2D: Portable Bridge Needed (Dept. bridge will be adequate)</b>	15	2E: Road needed	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
45	<b>Available</b>	<b>2D: Portable Bridge Needed (Dept. bridge will be adequate)</b>	23	2E: Road needed	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							





**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
c163 s8	Type 1 or Type 2 Old Growth	Verified Type 2 Old Growth Area	SCA	6
<b>Comments</b>				
Meets type 2 old growth criteria				



**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.
ERA	Ecological Reference Areas	Ecological Reference Areas (ERAs) are high quality examples of natural communities that have been identified as Element Occurrences (EOs) by the Michigan Natural Features Inventory (MNFI) within the context of their natural community classification system. Element Occurrences with viability ranks of A (Excellent) or B (Good) and a Global (G) or State (S) element (rarity) ranking of endangered (1), threatened (2), or rare (3) serve as an initial base of ERAs. They may be located upon any ownership in the State. The system is comprised of individual or associations of natural community types that are managed for restoration and maintenance of natural ecological processes and values. The public may submit recommendations for lands as ERAs using the DNR Conservation Area Recommendation Form.





Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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<b>1</b>	4112 - Maple, Beech, Cherry Association	Sawtimber Medium	48.3	154	51-80	N/A	<p>2019: Very thick Beech brush. Nice maple in the stand. Has a long history of harvests. Looked like it was thinned pretty hard the last time and now it is taken over with Beech and Black Cherry saplings.</p> <p>2009: This stand is predominately red maple and beech. There is also sugar maple, yellow birch, white pine and hemlock. The understory of this stand is primarily beech and red maple. Overall this is a good looking stand. There was 35 acres of salvage sale to recover blow down timber (sale # 41-99-02 TCR dated 12-21-99) Pulp was salvaged (sale # 25-00-02 48 acres TCR dated 12/01/00). Additionally this stand was thinned in Jan. 2003 under sale #42-025-03-01 the sale was closed on 12/06/04.</p> <p>[11/8/12 bb] Stand was added to the 2014 Compartment Review as an Out of Entry Treatment due to the rapid spread of BBD and overall decline of the species within the stand. Stand was part of a Unit wide analysis. The harvest is a salvage cut in which all the beech and ash will be designated unless retained for mast or resistance.</p> <p>6/21/13 BB The sale is being salvaged by Duberville on an Ammendment to Loon Call Beech. FTP C41-1559 was submitted and approved to herbicide stumps and basal spray brush. This is being done as a trial to evaluate the effectiveness of such an application. Follow-up herbicide application was part of the prescription posted to the web.</p>
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Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	40	Log/Pole	12	
Hemlock	10	Log/XLog	16	
Yellow Birch	5	Pole	8	24
Red Maple	43	Log/Pole	12	154
White Pine	2	Log/XLog	16	

Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	Medium	5 - 10 feet	Sapling
Balsam Fir	Low	Variable	Sapling
Beech	Full	5 - 10 feet	Sapling
Red Maple	Medium	5 - 10 feet	Sapling
Black Cherry	Medium	5 - 10 feet	Sapling
White Pine	Low	Variable	Sapling

<b>2</b>	6225 - Bog	Nonstocked	2.9		Unspecified	No	Bog in stand 1 with open water. There are trees around it.
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Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	Low	>20 feet	Log
Hemlock	High	>20 feet	Log
White Pine	Low	>20 feet	Log

<b>3</b>	4112 - Maple, Beech, Cherry Association	Sawtimber Medium	69.1	88	81-110	N/A	<p>2019: Recently cut. The openings are overgrown with Beech saplings. Nice maple logs. Some areas were cut harder than others, the areas with higher BA have less Beech Saplings.</p> <p>2009: This stand is primarily red maple with some cherry, beech, hemlock and white pine. This stand was probably a hemlock white pine stand pre settlement. Thin to 70 SF marking to release crop trees also make canopy gaps where possible. Retention will be included in the residual stand. Also look into planting of white pine or hemlock in the understory of this stand. Species code 99 includes black cherry and beach pulpwood.</p> <p>Stand was under planted with oak in 2015. 1182 oak were planted in gaps.</p> <p>10/20/11 bb Stand is now on proposal 41-002-11 "My Own Hardwood", Actual acres = 70 and its 5 Units. Residual BA = White Pine 1', hemlock 6', hard maple 19', red maple 40', yellow birch 2', beech 1', black cherry 7' total 76' FTP W41-1498 submitted to underplant, hemlock, white pine and or oak.</p> <p>[2/7/12] Stand is now under contract.</p> <p>Stand cut TCR 6/23/15. Oak Planted summer of 2015, 1182 oaks planted. Monitor next inventory cycle.</p>
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Canopy Species	% Cover	Size Class	DBH	Age
White Pine	2	XLog/Log	18	
Yellow Birch	2	Log/Pole	10	
Black Cherry	10	Log/Pole	10	
Beech	1	Pole	9	
Red Maple	40	Log/Pole	12	88
Hemlock	15	XLog/Log	18	
Sugar Maple	30	Log/Pole	13	88

Sub-Canopy Species	Density	Avg. Height	Size
White Pine	Low	5 - 10 feet	Sapling
Red Oak	Medium	< 5 feet	Sapling
Beech	High	5 - 10 feet	Sapling
Black Cherry	Low	5 - 10 feet	Sapling
Balsam Fir	Low	5 - 10 feet	Sapling
Yellow Birch	Low	5 - 10 feet	Sapling
Hemlock	Low	5 - 10 feet	Sapling
Red Maple	Medium	5 - 10 feet	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																			
4	6128 - Lowland Coniferous, Mixed Deciduous	Sawtimber Well	12.7	114	81-110	N/A	2019: Few drainages running through the stand, wet ground. There is some left over orange paint in the NW side of the stand. Big White Pine scattered throughout the stand. Pretty good Hemlock regen. The Black Spruce in the stand is declining.  2009: Multiage stand created by previous hemlock cutting many years ago. A moderate amount of hemlock regeneration is present in the stand. There is also some white pine and mixed hardwoods in the stand.																																																			
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5	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Well	12.7	59	51-80	N/A	2019: Lots of different species in this stand. Wet ground. Pretty heavy to the sapling side of size. There are a few bigger DBH Hemlock and Black Spruce. 2009: A wet site that was burned by the seney fire. A fully stocked aspen stand but there is also some yellow birch, white birch, balsam fir, black cherry and black spruce.																																																			
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6	6122 - Black Spruce	Sapling Well	51.5	46	Unspecified	N/A	2019: Very wet, marsh like ground. Patches of dead or dying trees, stunted. Limited access through private. Little to no merchantable timber. 2009: OPIC - FMD: A black spruce stand well stocked through most of the stand. This stand was regenerated due to the seney fire.																																																			
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8	6129 - Mixed Coniferous Lowland Forest	Sawtimber Well	6.5	194	81-110	N/A	2019: Overstory White Pine and Hemlock. Very wet in stand and around it. Little regen in the middle of the stand. The Red Maple and Paper Birch are pretty much all dead. 2009: OPIC - FMD: This stand has a white pine overstory with codoment spruce, paper birch and red maple there is a well developed understory of spruce, pine and maple. This stand could be harvested if access can be found for it and some other islands in the area. If access can not be found the understory will continue to gain dominance as the current overstory slowly dies.																																																			
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																			
9	6124 - Lowland Spruce-Fir	Poletimber Well	7.2	98	81-110	N/A	2019: Really big White Pine. A hand full of big Red Pine. Couldnt tell how wet the ground was due to snow conditions. Not much regeneration in the south. The bigger Paper Birch is starting to decline. Really tall Black Spruce but small DBH.  2009: This is a mixed swamp conifer type is heavy to spruce with a mix of balsam fir white pine and paper birch present on the site. If access could be found a harvest would be warranted so long as the other islands in the area could be cut as well to add volume to the sale.																																																			
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10	6122 - Black Spruce	Poletimber Well	19.3	108	81-110	N/A	2019: Theres a pocket in the middle of the stand with nice Paper Birch and Red Maple. Big over topping White Pine. Goos amount of Black Spruce, a lot of it is still sub merchantable or boarder line. The North and East side have better Black Spruce.  2009: This stand heavy to spruce with a mix of balsam fir white pine and paper birch present on the site. If access could be found a harvest would be warranted so long as the islands in the area could be cut as well to add volume to the sale. Species code 98 includes balsam fir and white pine																																																			
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11	4112 - Maple, Beech, Cherry Association	Sawtimber Medium	4.9	154	81-110	N/A	Nice maple. Lots of Beech brush and Black Cherry. Big Beech trees are declining.																																																			
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12	6122 - Black Spruce	Poletimber Well	16.1	108	81-110	N/A	2019: Good Black Spruce, thick Tag Alder in places. Opens up a little more in the middle of the stand. Difficult access and wet ground. 2009: This Q type is heavy to spruce with a mix of balsam fir white pine and paper birch present on the site. If access could be found a harvest would be warranted so long as the islands in the area could be cut as well to add volume to the sale.																																																			
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13	6122 - Black Spruce	Sapling Medium	7.7	46	1-50	N/A	2019: A lot of die back in the stand. Wet with drainages. 2009: A black spruce stand well stocked through most of the stand. This stand was regenerated due to the seney fire.																																																			
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<b>14</b>	6121 - Tamarack	Poletimber Well	15.2	119	51-80	N/A	Few White Pine. Lots of Tag Alder underneath. More Tamarack in the North of the stand. Wetter ground and more Black Spruce in the Southern part of the stand.																																																										
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<b>15</b>	6124 - Lowland Spruce-Fir	Poletimber Well	5.3	123	81-110	N/A	Good Black Spruce through out. Stand 37 is really wet and stand 39 is a bog, very difficult access.																																																										
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<b>16</b>	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	2.4	106	51-80	N/A	Bigger White Pine. Most of the stand is small pole sized, about 2 Sticks tall. Wet ground hard to get too.																																																										
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<b>17</b>	6122 - Black Spruce	Sapling Well	19.5	47	Unspecified	N/A	2019: Non merchantable timber. Pockets of Tag Alder. Very wet ground. A few bigger Black Spruce that might 1-2 sticks in them scattered throughout. 2009: OPIC - FMD: A well stocked black spruce stand with some aspen and balsam fir. This stand was created by the seney fire.																																																										
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18	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	21.2	102	81-110	N/A	2019: Good regen underneath. Hard access, would have to come from the north. Highly variable stand with size and BA. A lot of the Paper Birch has died. Most of the trees are on the shorter side, some of the Black spruce is taller. Scattered Hemlock and White Pine. 2009: OPIC - FMD: An area of poor red maple a few beach some aspen and birch as well as balsam fir and hemlock with a few black spruce on the edge of the stand. This stand is mature and is starting to lose the early sectional component and should be clearcut. This area is bordered by forest land group and open mash with no apparent roads to the stand so access will be an issue resulting in a limiting factor on this stand.																																																												
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19	6129 - Mixed Coniferous Lowland Forest	Sawtimber Well	29.7	114	81-110	N/A	2019: Little understory. Nice Hemlock, big White Pine throughout. It is low and wet ground, but not bad, could get equipment through it in the winter. 2009: Multiage stand created by previous hemlock cutting many years ago. A moderate amount of hemlock regeneration is present in the stand. There is also some white pine and mixed hardwoods in the stand.																																																												
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20	4115 - Y.Birch, Hemlock NH	Sawtimber Well	43.6	111	81-110	N/A	2019: Pockets of Hemlock. The Beech is starting to decline, some pockets of just dying Beech. Once the Beech goes the BA of the stand will drop a good amount, not many saplings to take its place besides Beech. Good amount of Yellow Birch throughout the stand. 2009: A lot of nice small stems. The stand looks good. [1-16-03] Thinned by D.O.C. inmates under TS #27-01 TCR dtd 1-15-03. Species code 99 includes sugar maple and black cherry.																																																												
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21	6225 - Bog	Nonstocked	24.9		Unspecified	No	Lots of dead poles. Grass and Shrubs under the snow. There are some scattered Jack Pine and Black Spruce.																																																												
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22	6112 - Lowland Aspen	Sapling Well	38.3	19	Immature	N/A	2019: White Pine overstory left from the clearcut. Paper Birch is mostly by the road. Lots of Black Cherry thought the stand. Wet with some high ground. 2009: OPIC - FMD: This stand was clearcut last entry period the aspen is responding well. [4/4/03] This stand is under contract TS #025-01 Marsh Creek Contract.[01/08/05] RFT Sale is now closed TCR dtd 12/06/04. See FTP # W41-1046 (aspen TSI.)[3/22/11] FTP # W41-1046 Cancelled per the 2012 review.																																																												
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23	6129 - Mixed Coniferous Lowland Forest	Sawtimber Well	142.2	147	51-80	N/A	Pockets/veins of Black Ash. Very few Yellow Birch, but are present. The White Cedars are starting to get hollow inside. Lots of wet ground and drainages in the middle. Between the drainages there is some good timber. Tag Alder and Black Ash around the low areas.																																																								
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24	6129 - Mixed Coniferous Lowland Forest	Sawtimber Well	15.7	159	111-140	N/A	2019- A lot of edge effect from the neighboring stands. Big Hemlock, not a lot of regeneration coming though.																																																								
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25	6122 - Black Spruce	Poletimber Well	45.3	100	111-140	N/A	2019: There is bigger and more Black spruce on the north side of stand, in the south there is more tag alder mixed in. 2009: OPIC - FMD: This is a nice stand of spruce It needs significant road work and a bridge to cut this entry period It should be cut next entry period as there will be a temporary bridge over mash creek and sale activity in adjacent hardwood stand. Species code 99 is red maple and birch																																																								
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26	4112 - Maple, Beech, Cherry Association	Sawtimber Well	35.9	111	81-110	N/A	2019: Nice Maple stand. Lots of Beech brush and Black Cherry underneath the Maples. The big Beech in the stand is declining rapidly. 2009: This stand was thinned last entry period. There is a lot of regeneration in the understory of the stand. [4/4/03] Most of this stand is under contract TS 025-01 Marsh Creek Contract																																																								
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27	6122 - Black Spruce	Poletimber Well	10.1	96	51-80	N/A	Southern half of stand has decent Black Spruce, patchy in quality, some have a good 6 sticks in it. North half is poor in quality with little merchantable, much more saplings.																																																								
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28	6233 - Wet Meadow	Nonstocked	82.8		Unspecified	No	Marsh with drainages through it.																																																								
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29	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Medium	13.5	93	1-50	N/A	Fully stocked Tag Alder stand with an over story of Tamarack, Black Spruce, and Paper Birch. The Black Spruce is dying out, due to the very wet soil.																																															
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30	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Poor	15.4	95	1-50	N/A	OPIC - FMD: This is an area of tag alder with an overstory of scattered hardwood, very wet.																																															
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31	6122 - Black Spruce	Poletimber Poor	30.0	61	1-50	N/A	OPIC - FMD: This is an area of tag alder with an overstory of scattered hardwood, stunted trees, very wet ground.																																															
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32	622 - Lowland Shrub	Nonstocked	48.7		Unspecified	No	Very wet, Tag Alder with trees above. Stunted Black Spruce with Log and Xlog White Pine.																																															
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33	612 - Lowland Coniferous Forest	Poletimber Well	4.8	110	81-110	N/A	Very difficult to access. Using data from stand 58 in the compartment to the south for data information.																																															
34	613 - Lowland Mixed Forest	Poletimber Well	18.8	95	81-110	N/A	Very difficult to access. Using data from stand 58 in the compartment to the south for data information. Looks to have some Aspen in the middle of stand.																																															
35	500 - Water	Nonstocked	1.6		Unspecified	No	Open water																																															



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<b>36</b>	6120 - Lowland Cedar	Poletimber Medium	33.8	98	51-80	N/A	All the Black Ash in the canopy is dead. Lots of Tag Alder and Black Ash saplings, very wet ground. Two stick White Cedar, 5 Stick Black Spruce when present. Little regen of desirable trees due to Tag Alder and Black Ash in all the openings.																																															
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<b>37</b>	6120 - Lowland Cedar	Sapling Poor	39.8	123	1-50	N/A	Very low density dying stand. North of the stand and the finger in to St 36 has a lot more tag alder. Pockets look to have standing water in the spring, open with nothing growing in them.																																															
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<b>38</b>	6233 - Wet Meadow	Nonstocked	209.4		Unspecified	No	Good amount of Tag Alder. Dead or dying Black Spruce and Tamarack poles, and stunted saplings scattered through the stand.																																															
<b>39</b>	622 - Lowland Shrub	Nonstocked	40.6		Unspecified	No	Tag Alder where Marsh Creek is not. Some Black Spruce on the far edge where it starts to transition to the neighboring stands.																																															
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<b>40</b>	6225 - Bog	Nonstocked	30.1		Unspecified	No	Bog with drainages.																																															
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<b>41</b>	6233 - Wet Meadow	Nonstocked	121.2		Unspecified	No	Some pockets of Tamarack in the middle, stunted or dying. Tag Alder on the edges is fairly thick.																																															
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<b>42</b>	6122 - Black Spruce	Poletimber Medium	32.9	61	51-80	N/A	2019: Few scatter White Pine 16 inch DBH. Scattered Tamarack Pole and Sapling size. Pockets of Tag Alder. More pole sized Spruce in the middle of the stand. Highly variable size of the Spruce but on average it is 8 inch. 2009: OPIC - FMD: This stand is still a Q2 type with lots of lowland brush mixed in and a few scattered overstory pine.																																															
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<b>43</b>	500 - Water	Nonstocked	1.5		Unspecified	No																																																



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<b>44</b>	6120 - Lowland Cedar	Sapling Poor	40.2	104	1-50	N/A	Closer to the 25% Canopy Closure. Looks to be pretty unproductive, very wet, lots of drainages from river. White Cedar is declining and dying.																																																																	
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<b>45</b>	6129 - Mixed Coniferous Lowland Forest	Sawtimber Well	23.2	184	111-140	N/A	2019: Scattered big White Pine and Red Maple. Pocket of Black Ash in the middle of the stand. Lots of Tag Alder in the south of stand and wetter ground. 2009: OPIC - FMD: mosse habatat																																																																	
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<b>46</b>	622 - Lowland Shrub	Nonstocked	5.3	0	Unspecified	No	Slightly more trees than the surrounding stand. Stunted and small trees starting to die back.																																																																	
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<b>47</b>	6121 - Tamarack	Poletimber Medium	8.3	161	1-50	N/A	All of the bigger Tamarack trees has wood pecker damage in the tops. Thick Tag Alder underneath. Stunted and short White Cedar.																																																																	
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<b>48</b>	6229 - Mixed lowland shrub	Nonstocked	22.8		Unspecified	No	Very heavy to Tag Alder. Some dead poles still standing in stand. Tamaracks are mostly on the south and north edge. A few clumps of Aspen in the stand look to be doing alright, but with the very wet ground will soon decline.																																																																	
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<b>49</b>	622 - Lowland Shrub	Nonstocked	24.3	47	Unspecified	No	Most of the trees are dying. Very clumpy for tree distribution, wet ground lots of deep drainages.																																																																	
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
<b>50</b>	6126 - Lowland Jack Pine	Sapling Medium	117.4	47	1-50	N/A	2019: Patchy trees, seem to be stunted. Barely a stick in the Jack Pine. Very thick in the treed portions. 2009: OPIC - FMD: This stand is a well stocked jack pine stand. this stand was created by the seney fire.
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>		
Jack Pine		90	Sapling/Pole	4	47		
Balsam Fir		5	Sapling	3			
Black Spruce		5	Sapling	3			
<b>51</b>	6126 - Lowland Jack Pine	Sapling Well	5.1	47	Unspecified	N/A	2019: Not yet merchantable. Very wet. The Jack Pine is well stocked. 2009: OPIC - FMD: This stand is a pocket of well stocked jack pine in stand 6. this stand was created by the seney fire.
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>		
Jack Pine		100	Sapling/Pole	4	47		
<b>Sub-Canopy Species</b>		<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>			
Black Spruce		Low	< 5 feet	Sapling			
Jack Pine		Low	< 5 feet	Sapling			
<b>52</b>	6126 - Lowland Jack Pine	Poletimber Well	5.5	46	81-110	N/A	2019: Very wet, hard access. Lots of drainages. Good amount of saplings underneath in the middle of the stand. 2009: OPIC - FMD: This stand is a pocket of well stocked jack pine in stand 6. this stand was created by the seney fire.
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>		
Jack Pine		95	Pole	6	46		
Black Spruce		5	Pole/Sapling	5			
<b>Sub-Canopy Species</b>		<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>			
Black Spruce		Medium	Variable	Sapling			
Jack Pine		Medium	Variable	Sapling			
<b>53</b>	6122 - Black Spruce	Sapling Poor	37.6	47	1-50	N/A	2019: Open and young trees. Looks really wet with drainages. Pockets of good Black Spruce in the better soil. 2009: This stand is a pocket of well stocked jack pine stand. this stand was created by the seney fire.
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>		
Black Spruce		50	Sapling	3	47		
Jack Pine		25	Pole/Sapling	5			
Tamarack		25	Sapling	4			
<b>Sub-Canopy Species</b>		<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>			
Black Spruce		Low	< 5 feet	Sapling			
White Pine		Low	< 5 feet	Sapling			
<b>54</b>	6122 - Black Spruce	Poletimber Well	7.6	113	111-140	N/A	2019: Has good Black Spruce and some big White Pines. Tag Alders in the more open areas. The Black Spruce is not very tall but is pretty thick in spots. 2009: White pine and balsam fir are also present in this stand this would be a nice stand to cut if access could be gained to other stands nearby.
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>		
Tamarack		20	Pole	6			
Paper Birch		5	Sapling/Pole	4			
White Pine		10	Log/XLog	14			
Red Maple		5	Pole	5			
Black Spruce		60	Pole	7	113		
<b>Sub-Canopy Species</b>		<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>			
Black Spruce		Low	Variable	Sapling			
White Pine		Low	5 - 10 feet	Sapling			
Paper Birch		Low	5 - 10 feet	Sapling			
Tag Alder		Medium	5 - 10 feet	Tall Shrub			
<b>55</b>	6120 - Lowland Cedar	Poletimber Well	140.0	123	81-110	N/A	Pockets of just Tag Alder and Black Ash. Very wet, drainages throughout. Quite a few blow downs. Pockets of good timber on the higher soils.
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>		
Balsam Fir		15	Pole	6			
Paper Birch		8	Pole	6			
White Pine		10	XLog	18			
Red Maple		2	Pole	6			
Northern White Cedar		65	Pole/Log	8	123		
<b>Sub-Canopy Species</b>		<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>			
Black Ash		Medium	10 - 20 feet	Sapling			
Tag Alder		Medium	10 - 20 feet	Tall Shrub			
Balsam Fir		Medium	10 - 20 feet	Sapling			



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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<b>56</b>	6122 - Black Spruce	Poletimber Well	4.9	113	81-110	N/A	2019: Most of the Paper Birch and Red Maple is on the edge. Really nice Black Spruce but is very short, only 2 sticks tall. More open pockets are filled with Tag Alder. 2009: Species code 99 includes red maple and birch Species code 98 includes balsam fir and white pine
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Paper Birch		5	Sapling/Pole	4		Tag Alder	
Black Spruce		65	Pole	6	113	Black Spruce	
White Pine		10	Log/XLog	14		Paper Birch	
Red Maple		5	Pole/Sapling	5		Balsam Fir	
Tamarack		15	Pole	6		White Pine	
						<b>Density</b>	
						<b>Avg. Height</b>	
						<b>Size</b>	

<b>57</b>	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	17.9	123	81-110	N/A	Big White Pine in the stand. Decent Black Spruce. Difficult access to stand.
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>	
Tamarack		30	Pole	7		Black Spruce	
White Pine		15	Log/XLog	14		Balsam Fir	
Red Maple		5	Pole	8		Tag Alder	
Paper Birch		5	Pole/Sapling	6		Tamarack	
Northern White Cedar		5	Pole	6			
Black Spruce		40	Pole	7	123		