



# Compartment Review Presentation

Shingleton Forest Management Unit

Compartment 41018

Entry Year 2020

Acreage: 1,425

County Schoolcraft

Management Area: Seney Manistique Swamp

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**Revision Date:** 2018-07-16

**Stand Examiner:** Scott Kentner

**Legal Description:**

T45N, R16W sections 28, 29, 30

**Identified Planning Goals:**

To manage the compartment in accordance with the principles of sustainable forest eco-system management.

**Soil and topography:**

Level lowlands with Carbondale, Lupton, Deford and Tawas Mucks. Higher ground with Deford-AuGres-Rubicon Complex soils.

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

The west part of the compartment borders USFS land, the rest is surrounded by state owned land and private parcels.

**Unique Natural Features:**

N/A

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

N/A

**Special Management Designations or Considerations:**

**Watershed and Fisheries Considerations:**

The northwest, southcentral, and northeastern regions of this compartment contain several unnamed waterbodies. 100' plus 5' per 1% increase in slope; buffers are recommended to protect shoreland areas adjacent to these unnamed waterbodies in accordance with Best Management Practices (specifically stand 18).

The central and eastern regions of this compartment contain Hickey Creek and unnamed stream reaches which serve as tributaries to Hickey Creek. Hickey Creek is a designated Type 1 trout stream less than 50' width. A 300' buffer is recommended for Hickey 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. Unnamed stream reaches are designated Type 1 trout streams less than 50' width. A 300' buffer is recommended for these unnamed stream reaches 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.

**Wildlife Habitat Considerations:**

This compartment lies in the Seney Sand Lake Plain ecological sub-subsection approximately seven miles southeast of Shingleton. Hickey Creek and the West Branch of Hickey Creek both flow through the eastern half. Lowland conifer, scrub/shrub, and northern hardwoods are the primary cover types, similar to pre-settlement land cover. Management activities will be limited by access to the compartment. Wildlife management objectives include providing early successional deciduous habitat, providing age and structurally diverse northern hardwood, maintaining buffer zones along river systems to maintain the riparian habitat and corridors, and retaining cedar and hemlock stands to provide cover and habitat for associated wildlife species.

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

Surface sediments consist of lacustrine (lake) sand & gravel and peat & muck. There is insufficient data to determine the glacial drift thickness. The Ordovician Trenton and Black River Groups subcrop below the glacial drift. The Trenton and Black River are quarried for dolostone in the UP. Gravel pits are not found in the general area and potential appears to be

limited. There is no commercial oil and gas production in the UP.

**Vehicle Access:**

Very difficult. Access to the east portion of the compartment is from the south, across several private parcels with gates. Access to the west part of the compartment is from the north, across U.S. Forest Service land where trucking is only permitted in the winter.

**Survey Needs:**

Poor to no survey in entire compartment.

**Recreational Facilities and Opportunities:**

There are no developed recreational facilities within the compartment. The area is used for hunting.

**Fire Protection:**

Wildfires within this compartment are very rare. In the event of a fire start, access to the eastern third of the compartment is from the south and would be a minimum of 90 minute response time. The majority of the rest of the compartment is very difficult, if not impossible to access without major road improvements or new road construction.

**Additional Compartment Information:**

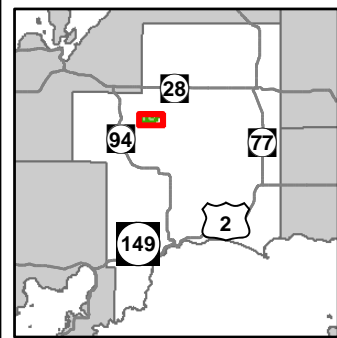
**The following reports from the Inventory are attached:**

- 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:**

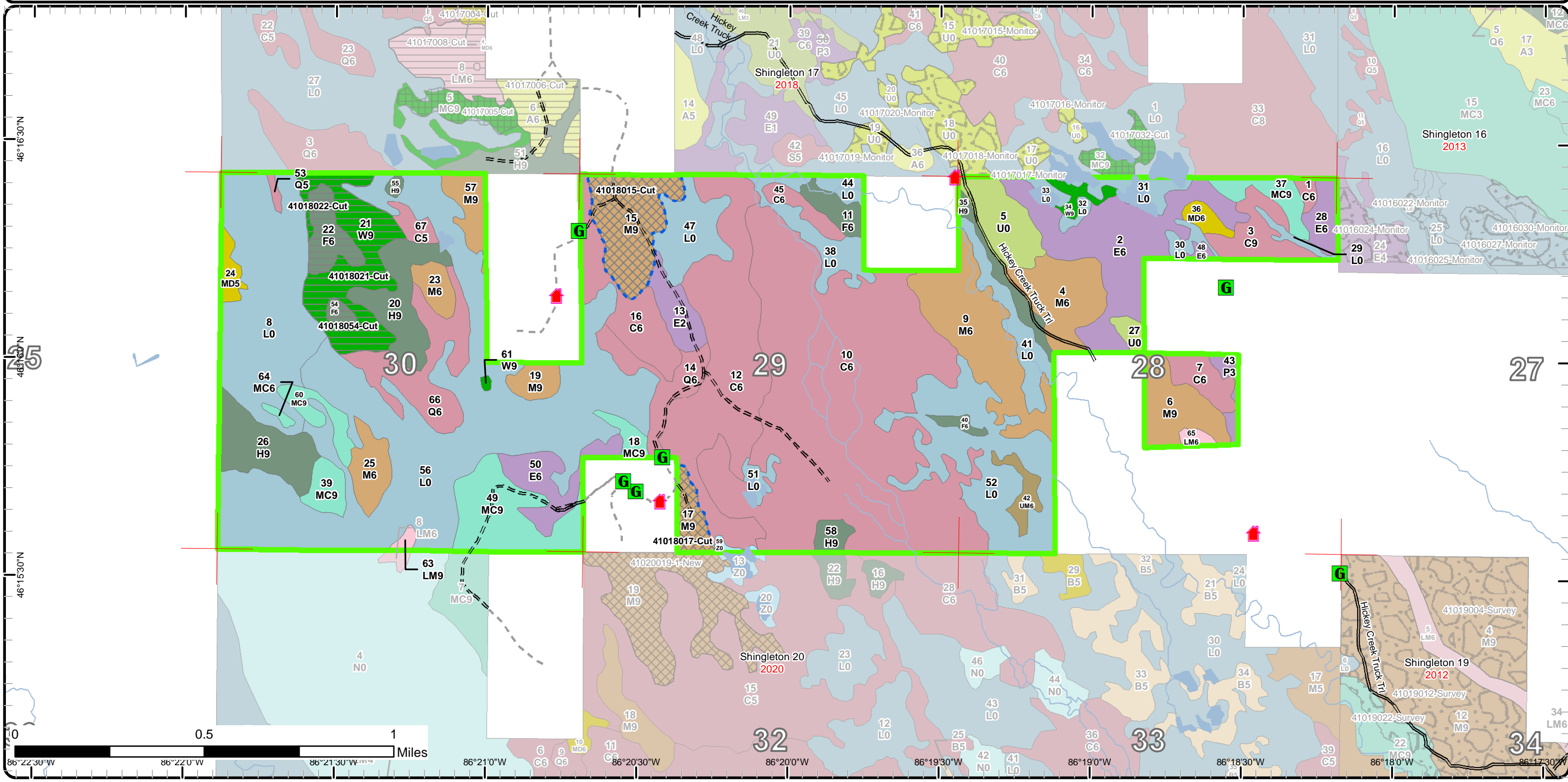
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

# Cover Type & Treatments Map

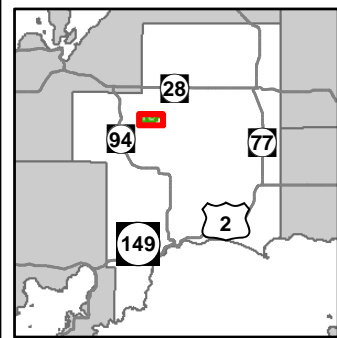


Compartment: 18  
 T45N, R16W, Sec: 28-30  
 County: Schoolcraft  
 Unit: Shingleton  
 Mgmt Area: Seney Manistique Swamp  
 YOE: 2020  
 Acres: 1,425 GIS Calculated  
 Examiner: Scott Kentner  
 Map Revised: 12/17/2018  
 Map Phase: Post Review

- Miris Corners
- + Remonumented Section Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Private - Dirt / Gravel Road
- Unspecified Structure
- G Gate
- ▲ Structures
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers All
- Compartment Boundary
- Treatments with Site Conditions
- Selection (Group, Single Tree)
- Clearcut (w/Reserves)
- 411 - Northern Hardwood
- 419 - Mixed Upland Deciduous
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 320 - Upland Shrub
- 500 - Water
- 622 - Lowland Shrub
- Lakes

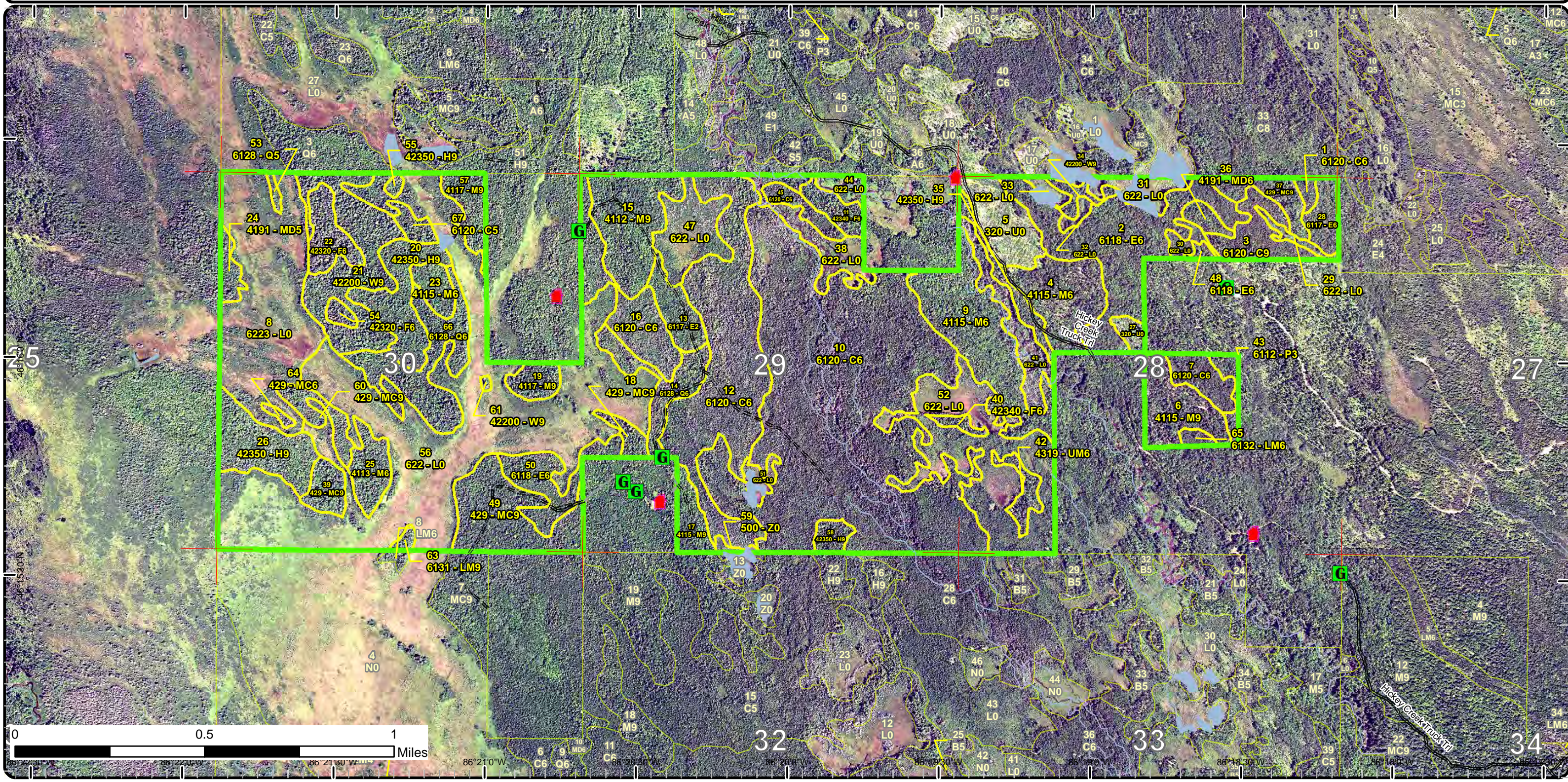


# Stand Boundary Map



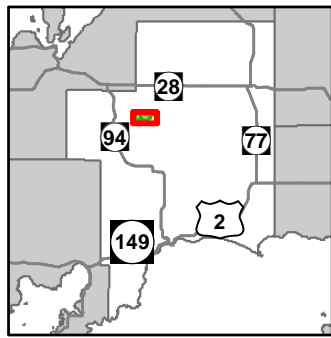
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  - 500 - Water
  - 622 - Lowland Shrub

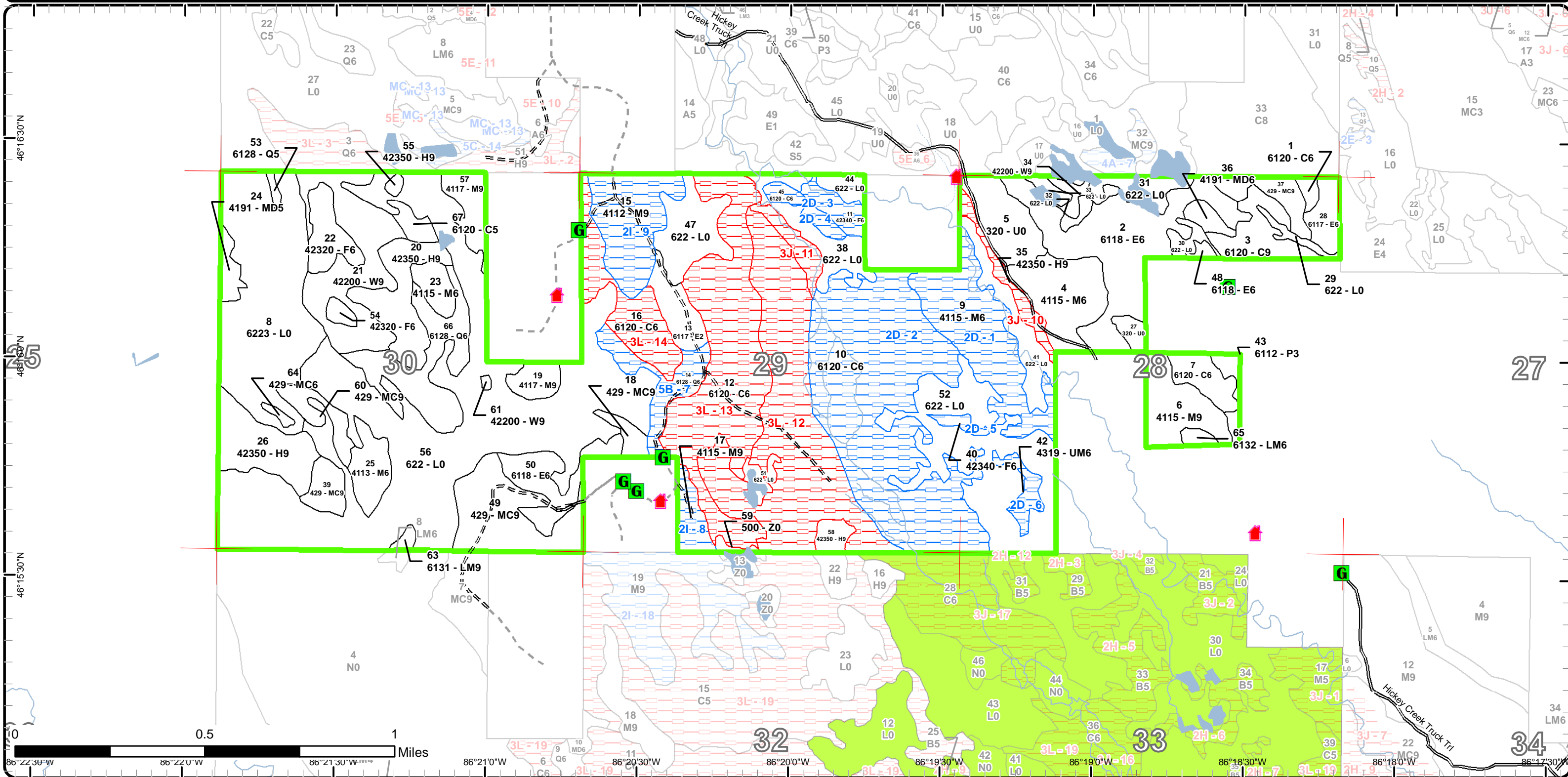


# Special Conservation Areas & Site Conditions Map

Compartment: 18  
 T45N, R16W, Sec: 28-30  
 County: Schoolcraft  
 Unit: Shingleton  
 Mgmt Area: Seney Manistique Swamp  
 YOE: 2020  
 Acres: 1,425 GIS Calculated  
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 Map Revised: 12/17/2018  
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- Miris Corners
- + Remonumented Section Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Private - Dirt / Gravel Road
- Unspecified Structure
- G Gate
- ▲ Structures
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers All
- Compartment Boundary
- Available w/ Constraints
- Unavailable
- 2D: Portable Bridge Needed (Dept. bridge will be adequate)
- 2I: Survey needed
- 5B: Maintain for regeneration purposes
- 3J: Water quality / BMPs (stream, river, or lake)
- 3L: Other wildlife concerns
- Stand Boundaries
- Cold Water Streams
- Possible 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
Cedar	0	0	0	0	0	0	0	42	112	244	0	0	0	0	0	0	0	0	398
Hemlock	0	0	0	0	0	0	0	33	0	0	5	0	0	0	0	0	0	25	63
Lowland Aspen/Balsam Poplar	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Lowland Conifers	0	0	0	0	0	0	0	49	1	0	0	0	0	0	0	0	0	0	50
Lowland Deciduous	0	0	0	31	0	0	9	60	0	0	0	0	0	0	0	0	0	0	100
Lowland Mixed Forest	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2	4
Lowland Shrub	450	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	450
Mixed Upland Deciduous	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	9
Northern Hardwood	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	169	176
Upland Conifers	0	0	0	0	0	0	0	0	35	0	0	0	0	0	0	0	0	33	68
Upland Mixed Forest	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6
Upland Shrub	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24
Upland Spruce/Fir	0	0	0	0	0	0	0	15	0	0	0	0	0	0	0	0	0	10	25
Water	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
White Pine	0	0	0	0	0	0	0	46	1	0	0	0	0	0	0	0	0	0	46
<b>Total</b>	<b>476</b>	<b>0</b>	<b>5</b>	<b>31</b>	<b>7</b>	<b>0</b>	<b>9</b>	<b>0</b>	<b>247</b>	<b>149</b>	<b>244</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>254</b>	<b>1426</b>



## Report 2 – Treatment Summary

Shingleton Mgt. Unit

Year of Entry: 2020

Acres of Harvest

Compartment 18

Total Compartment Acres: 1,425

Commercial Harvest - 56  
 Harvests with Site Condition - 42  
 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
Northern Hardwood	0	42	0	0	0	0	0	0	0	42
Upland Spruce/Fir	15	0	0	0	0	0	0	0	0	15
White Pine	41	0	0	0	0	0	0	0	0	41
<b>Total</b>	<b>56</b>	<b>42</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>99</b>

### Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	99	0	0	0	0	0	0	0	0	99
Next Step	0	0	0	0	0	99	0	0	0	99
<b>Total</b>	<b>99</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>99</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>197</b>



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	41018015-Cut	32.8	4112 - Maple, Beech, Cherry Association	Sawtimber Well	86	111-140	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	Draft Field Boundary

**Habitat Cut: No**      **Site Condition: Survey Needed**

Prescription Diameter limit harvest: all tree species that are 8" in DBH or larger shall be harvested, except white pine and hemlock if present.  
Specs:

Next Step Monitoring, Natural Regen (Intermediate)  
Treatments:

Acceptable Any native species.  
Regen:

Other  
Comment:

Proposed Start Date: 10/1 /2019

17	41018017-Cut	9.3	4115 - Y.Birch, Hemlock NH	Sawtimber Well	86	81-110	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	Draft Field Boundary
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**Habitat Cut: No**      **Site Condition: Survey Needed**

Prescription Diameter limit harvest: all species that are 8" in DBH or larger shall be harvested, except for white pine and hemlock if present.  
Specs:

Next Step Monitoring, Natural Regen (Intermediate)  
Treatments:

Acceptable Any Native species.  
Regen:

Other  
Comment:

Proposed Start Date: 10/1 /2019

21	41018021-Cut	41.2	42200 - Natural White Pine	Sawtimber Well	76	81-110	Harvest	Clearcut with Retention	4220 - Natural White Pine	Even-Aged	Draft Field Boundary
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**Habitat Cut: No**      **Site Condition:**

Prescription Cut all tree leaving retention in pockets. Leave some super-canopy White Pine in Red line.  
Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)  
Treatments:

Acceptable White pine, Red pine, Jack pine, Aspen, Balsam fir, Black/White spruce, Red maple, Hemlock, Cedar, Tag alder.  
Regen:

Other  
Comment:

Proposed Start Date: 10/1 /2019

22	41018022-Cut	12.5	42320 - Upland Spruce	Poetimber Well	72	81-110	Harvest	Clearcut with Retention	42340 - Upland Spruce/Fir	Even-Aged	Draft Field Boundary
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**Habitat Cut: No**      **Site Condition:**

Prescription Clearcut: Harvest all species within stand.  
Specs:

Next Step Monitoring, Natural Regen (Intermediate)  
Treatments:

Acceptable Any native 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
54 41018054-Cut	2.7	42320 - Upland Spruce	Poletimber Well	72	111-140	Harvest	Clearcut	42340 - Upland Spruce/Fir	Even-Aged	Draft Field Boundary

**Habitat Cut: No**

**Site Condition:**

Prescription Clearcut: Harvest all species within stand. No retention due to small size.

Specs:

Next Step Monitoring, Natural Regen (Intermediate)

Treatments:

Acceptable any native species

Regen:

Other

Comment:

Proposed Start Date: 10/1 /2019

**Total Treatment  
Acreage Proposed: 98.5**

## Report 4 – Site Conditions

Shingleton Mgt. Unit  
Scott Kentner : Examiner

Compartment: 18  
Year of Entry: 2020

### Availability for Management

Total Acres	Acres Available	Acres Avail		Acres Not Available	Dominant Site Conditions					
		With Condition			2D	2I	5B	3J	3L	
397	34	<b>140</b>		223	Cedar	<b>140</b>			8	216
62	54	<b>0</b>		8	Hemlock				8	
5	5	<b>0</b>		0	Lowland Aspen/Balsam Poplar					
50	33	<b>17</b>		0	Lowland Conifers			<b>17</b>		
99	99	<b>0</b>		0	Lowland Deciduous					
4	4	<b>0</b>		0	Lowland Mixed Forest					
450	450	<b>0</b>		0	Lowland Shrub					
10	10	<b>0</b>		0	Mixed Upland Deciduous					
176	86	<b>90</b>		0	Northern Hardwood	<b>48</b>	<b>42</b>			
68	68	<b>0</b>		0	Upland Conifers					
6	0	<b>6</b>		0	Upland Mixed Forest	<b>6</b>				
24	24	<b>0</b>		0	Upland Shrub					
26	15	<b>10</b>		0	Upland Spruce/Fir	<b>10</b>				
1	1	<b>0</b>		0	Water					
46	46	<b>0</b>		0	White Pine					
1,425	930	<b>264</b>		231	Total Forested Acres	<b>205</b>	<b>42</b>	<b>17</b>	16	216
	65%	<b>19%</b>		16%	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	<b>2D: Portable Bridge Needed (Dept. bridge will be adequate)</b>	48	2I: Survey needed	2E: Road needed	2B: Unknown if access through adjacent landowner(s) is possible	Unspecified
<b>Comments:</b>							
2	Available	<b>2D: Portable Bridge Needed (Dept. bridge will be adequate)</b>	134	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

**Report 4 – Site Conditions**

Shingleton Mgt. Unit  
 Scott Kentner : Examiner

Compartment: 18  
 Year of Entry: 2020

3	Available	2D: Portable Bridge Needed (Dept. bridge will be adequate)	8	2I: Survey needed	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
4	Available	2D: Portable Bridge Needed (Dept. bridge will be adequate)	6	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
5	Available	2D: Portable Bridge Needed (Dept. bridge will be adequate)	3	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
6	Available	2D: Portable Bridge Needed (Dept. bridge will be adequate)	6	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
7	Available	5B: Maintain for regeneration purposes	17	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Regeneration from harvest are not yet merchantable.							
8	Available	2I: Survey needed	9	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

**Report 4 – Site Conditions**

Shingleton Mgt. Unit  
 Scott Kentner : Examiner

Compartment: 18  
 Year of Entry: 2020

9	Available	2I: Survey needed	33	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
10	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	8	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
11	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	8	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
12	Unavailable	3L: Other wildlife concerns	102	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> WLD does not want to cut cedar.							
13	Unavailable	3L: Other wildlife concerns	87	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> WLD does not want to cut cedar.							
14	Unavailable	3L: Other wildlife concerns	27	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> WLD does not want to cut cedar.							

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

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### Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS

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

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

Conservation Area	Type	Description
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species (e.g., slimy sculpin) to persist from year to year. Coldwater streams in Michigan typically provide these conditions due to substantial contributions of groundwater to their stream flows. Such streams are established by Director's action and designated as trout resources by Fisheries Order 210.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	6120 - Lowland Cedar	Poletimber Well	2.4	86	111-140	Seasonal drainages within the stand.
2	6118 - Lowland Deciduous with Cedar	Poletimber Well	58.4	75	111-140	Seasonal drainages within the stand. Undulating terrain; lower ground with more cedar, higher ground with more r.maple & aspen. Regeneration species include: b.fir, r.maple, b.spruce and b.ash
3	6120 - Lowland Cedar	Sawtimber Well	16.7	86	111-140	Seasonal drainages within the stand.
4	4115 - Y.Birch, Hemlock NH	Poletimber Well	27.4	78	51-80	1/27/12 bb This stand is now on proposal 17-11 Middle Earth, the factor limits were removed as we are attempting to test the markets with this large sale. Residual BA = 1' white pine, 44' red maple, 7' yellow birch, 10' cedar, 5' hard maple, 12' hemlock, 1' black cherry Unit 2, 26 acres 12/3/12 RFT Stand is now under contract 41-017-11-01 Middle Earth. SAle now closed 2017.
6	4115 - Y.Birch, Hemlock NH	Sawtimber Well	21.3	77	51-80	1/27/12 bb This stand is now on proposal 17-11 Middle Earth, the factor limits were removed as we are attempting to test the markets with this large sale. Residual BA = 1' white pine, 24' red maple, 5' yellow birch, 2' cedar, 5' hemlock, 1' beech Unit 1, 21 acres 12/3/12 RFT Stand is now under contract 41-017-11-01 Middle Earth. TCR 2017
7	6120 - Lowland Cedar	Poletimber Well	10.3	73	111-140	Cedar with other species present in small quantities. Regeneration consists mainly of b.fir.
9	4115 - Y.Birch, Hemlock NH	Poletimber Well	47.7	86	111-140	Sharply rolling terrain; top of ridges have Hemlock, White pine, Sugar Maple and b.fir regen, ridge edges have Yellow birch, Beech, Red Maple. lower areas have Black Ash.  Very difficult access; long drive from south across several private parcels, also would need a portable bridge across Hickey Creek. Access from North involves long drive thru more private and building road across large cedar stand with a portable bridge needed to cross stream. Adjacent to private land, no corners available.
10	6120 - Lowland Cedar	Poletimber Well	243.6	97	141-170	West branch of the Hickey Creek runs through stand. Stand contains <2% scattered Blach ash and Aspen, sapling/poles.
11	42340 - Upland Spruce/Fir	Poletimber Well	7.8	86	81-110	Difficult access - between Hickey Creek and W. Branch Hickey Creek.
12	6120 - Lowland Cedar	Poletimber Well	86.6	81	111-140	Portions of this stand were selectively cut long ago. Low, wet ground.
13	6117 - Lowland Deciduous, Mixed Coniferous	Sapling Medium	11.8	20	51-80	Low, wet ground. Heavily thinned apx 20 yrs ago. Mix of conifers and hardwoods.



S t a n d	Shingleton Mgt. Unit		Report 7 – Forested Stands			Compartment: 18 Year of Entry: 2020
	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
14	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	17.0	79	81-110	Low, wet ground with a mix of conifers and hardwoods. Portions of the stand were cut apx. 30 years ago.
15	4112 - Maple, Beech, Cherry Association	Sawtimber Well	32.8	86	111-140	Heavily thinned apx. 20 years ago. Regeneration species include: r.maple, beech, w.pine, hemlock, and cherry. One of the better quality M stands in this compartment.
16	6120 - Lowland Cedar	Poletimber Well	26.7	78	81-110	Thinned apx. 20 years ago. Cedar with a mix of other conifers and hardwoods.
17	4115 - Y.Birch, Hemlock NH	Sawtimber Well	9.3	86	81-110	Heavily thinned apx 20 years ago. Adjacent to private. Mainly level terrain. This is about the nicest hardwood stand in the compartment.
18	429 - Mixed Upland Conifers	Sawtimber Well	4.7	85	81-110	Cut heavy 30 years ago.
19	4117 - Mixed N. Hardwood - Pine	Sawtimber Well	7.2	30	81-110	Heavily cut apx 30 years ago.
20	42350 - Upland Hemlock	Sawtimber Well	23.8	73	141-170	Dense hemlock with very little regeneration or shrubs.
21	42200 - Natural White Pine	Sawtimber Well	41.2	76	81-110	Most of the stand was heavily cut apx 30 years ago. There are low, wet drainages through the stand.
22	42320 - Upland Spruce	Poletimber Well	12.5	72	81-110	
23	4115 - Y.Birch, Hemlock NH	Poletimber Well	7.4	30	81-110	Heavily cut apx 30 years ago.
24	4191 - Mixed Upland Deciduous with Conifer	Poletimber Medium	5.3	85	51-80	Part of an island in a marsh that extends onto USFS land to the west. Mix of hardwood and conifers, with some large white pine.
25	4113 - R.Maple, Conifer	Poletimber Well	11.8	73	51-80	
26	42350 - Upland Hemlock	Sawtimber Well	24.6	89	81-110	Mix of hardwoods and conifers. Regeneration consists mainly of b.fir.
28	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Well	8.8	58	81-110	Low, wet ground with few trees.
34	42200 - Natural White Pine	Sawtimber Well	4.5	72	81-110	Pine ridge between marshes.
35	42350 - Upland Hemlock	Sawtimber Well	8.0	72	111-140	Stand contains a mix of conifers and hardwoods. Was left as a riparian zone along Hickey Creek when adjacent stands 4 and 5 were cut.





Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
36	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	4.3	47	81-110	Mix of hardwoods and conifers on higher ground. Dense b.fir regeneration.
37	429 - Mixed Upland Conifers	Sawtimber Well	10.2	81	81-110	Mix of hardwoods and conifers. Stand contains ridges and drainages.
39	429 - Mixed Upland Conifers	Sawtimber Well	8.1	88	81-110	Mix of hardwoods and conifers. Regeneration consists mainly of b.fir.
40	42340 - Upland Spruce/Fir	Poletimber Well	2.6	85	51-80	: Narrow ridge with a mix of hardwood and conifers; within a marsh.
42	4319 - Mixed Upland Forest	Poletimber Well	6.3	86	51-80	Narrow ridge with a mix of hardwood and conifers; within a marsh. Difficult access.
43	6112 - Lowland Aspen	Sapling Well	4.8	10	Immature	Low, wet ground. Springs/seeps within the stand.
45	6120 - Lowland Cedar	Poletimber Well	6.4	88	81-110	Near W.Branch Hickey Creek.
48	6118 - Lowland Deciduous with Cedar	Poletimber Well	1.5	75	111-140	Seasonal drainages within the stand. Undulating terrain; lower ground with more cedar, higher ground with more r.maple & aspen. Regeneration species include: b.fir, r.maple, b.spruce and b.ash
49	429 - Mixed Upland Conifers	Sawtimber Well	34.8	86	81-110	Heavily cut apx 30 years ago. Access is through private land. Mix of hardwood and conifers.
50	6118 - Lowland Deciduous with Cedar	Poletimber Well	18.9	28	81-110	Low, wet ground.
53	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Medium	1.4	80	51-80	Small island in large marsh that extends into C017 to the north. Mix of hardwood and conifers. Low, wet ground.
54	42320 - Upland Spruce	Poletimber Well	2.7	72	111-140	Spruce with some large diameter w.pine.
55	42350 - Upland Hemlock	Sawtimber Well	1.3	73	141-170	: Dense hemlock with very little regeneration or shrubs. Difficult access.
57	4117 - Mixed N. Hardwood - Pine	Sawtimber Well	10.9	71	81-110	Mix of conifers with hardwoods.
58	42350 - Upland Hemlock	Sawtimber Well	4.7	108	51-80	Mix of hardwood and conifers.
60	429 - Mixed Upland Conifers	Sawtimber Well	9.0	88	51-80	<2% Scattered paper birch and black cherry poles.

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## Shingleton Mgt. Unit

## Report 7 – Forested Stands

Compartment: 18  
Year of Entry: 2020

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
<b>61</b>	42200 - Natural White Pine	Sawtimber Well	0.6	88	51-80	Small island within a large marsh. Large white pine.
<b>63</b>	6131 - Hemlock, White Pine, Maple, Birch	Sawtimber Well	1.7	74	81-110	
<b>64</b>	429 - Mixed Upland Conifers	Poletimber Well	1.3	84	51-80	Small island within marsh.
<b>65</b>	6132 - Mixed Lowland Forest with Cedar	Poletimber Well	2.3	73	81-110	Low, wet ground. Springs/seeps within the stand.
<b>66</b>	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	31.9	76	81-110	Larger diameter w.pine and hemlock, with a mix of conifers and hardwoods. Portions of this stand were thinned apx. 30 years ago. There are drainages within the stand.
<b>67</b>	6120 - Lowland Cedar	Poletimber Medium	4.7	75	1-50	



Stand	Cover Type	Acres	Managed Site	General Comments:
5	320 - Upland Shrub	20.0		1/27/12 bb This stand is now on proposal 17-11 Middle Earth, the factor limits were removed as we are attempting to test the markets with this large sale. Residual BA = 1' cedar, 1' hemlock and 1' beech 3, 18 acres 12/3/12 RFT Stand is now under contract 41-017-11-01 Middle Earth. TCR 2017
8	6223 - Inundated Shrub Swamp	84.5	No	
27	320 - Upland Shrub	3.6		1/27/12 bb This stand is now on proposal 17-11 Middle Earth, the factor limits were removed as we are attempting to test the markets with this large sale. Cedar, oak, hemlock and beech reserved Part of Unit 3, 3 acres 12/3/12 RFT Stand is now under contract 41-017-11-01 Middle Earth. TCR 2017
29	622 - Lowland Shrub	3.0	No	
30	622 - Lowland Shrub	3.9	No	
31	622 - Lowland Shrub	10.4	No	
32	622 - Lowland Shrub	2.1	No	
33	622 - Lowland Shrub	3.1	No	
38	622 - Lowland Shrub	16.7	No	
41	622 - Lowland Shrub	16.2	No	
44	622 - Lowland Shrub	4.7	No	
47	622 - Lowland Shrub	20.9	No	
51	622 - Lowland Shrub	4.2	No	
52	622 - Lowland Shrub	64.7	No	
56	622 - Lowland Shrub	215.7	No	
59	500 - Water	1.5	No	