



# Compartment Review Presentation

Shingleton Forest Management Unit

Compartment 41190

Entry Year 2024

Acreage: 806

County Alger

Management Area: Cusino Complex

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**Stand Examiner:** Mario Molin

**Legal Description:**

T46N R17W sections 35 & 36

**Identified Planning Goals:**

To provide multiple use benefits for the citizens of Michigan.

**Soil and topography:**

Most of the soils are Carbondale Peat, with some Saugatuck Sand. The entire compartment is flat, low ground, with very little relief.

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

Hiawatha National Forest borders the compartment on the south. State forest land surrounds the rest of the compartment.

**Unique Natural Features:**

The rare northern blue butterfly (*Lycaeides idas nabokovi*, state threatened) occurs within the vicinity of this compartment. This species typically occurs in open sandy or rocky habitats, including patches within jack pine or spruce forests and along right-of-ways. It is often associated with its larval host plant, dwarf bilberry (*Vaccinium cespitosum*, state threatened), which has also been reported in the vicinity of the compartment.

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

**Special Management Designations or Considerations:**

**Watershed and Fisheries Considerations:**

This compartment contains Star Creek. Star Creek is a designated Type 1 trout stream less than 50' width with a predicted mean July temperature of 63.0 °F (cold stream). A 300' buffer is recommended for Star 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.

**Wildlife Habitat Considerations:**

This compartment lies within the Seney Sand Lake Plain ecological sub-subsection. The growing season in this area is less than 100 days with extreme minimum winter temperatures of -46o F. Annual snowfall in this area averages approximately 160 inches. The compartment falls within the Cusino Complex Management Area which highlights the following Featured Species: Moose, black bear, grey jay, northern goshawk and white-tailed deer. General Land Office Surveyor notes show the upland pre-settlement forest contained a mixture of hemlock, cedar, and sugar maple. Yellow birch, red maple, white pine, and balsam fir were also present. Lowlands appear to have been dominated by tamarack, cedar, and spruce. Aspen and red pine were also found in the lowlands. Star Creek forms the western boundary of this compartment. A small tributary courses down through the center of section 36. In 1850, the surveyors mentioned windthrow cedar trees and beaver ponding as natural disturbances along these water courses. Although the current major timber types within the compartment are very similar to those found at the time of the original survey, the forest structure is substantially different. This compartment lies on the southeastern corner of the Petrel Deer Wintering Complex. Gray wolves are known to frequent this area, especially during the winter deeryarding time frame. Moose (Michigan special concern) have also been observed within the compartment. Other wildlife species of interest within this compartment may include Blackburnian warbler, gray jay, fisher, mink and bobcat.

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

Surface sediments consist of peat and muck and lacustrine (lake) sand and gravel. There is insufficient data to determine the glacial drift thickness. The Ordovician Black River Group subcrops below the glacial drift. The Black River is quarried for stone/dolomite. The nearest gravel pit is in Section 25, but potential appears to be limited. There is no commercial oil

and gas production in the UP.

**Vehicle Access:**

This compartment is inaccessible to vehicular traffic.

**Survey Needs:**

**Recreational Facilities and Opportunities:**

This area is used for hunting and fishing.

**Fire Protection:**

This compartment contains mainly cedar types on low, wet ground with poor access

**Additional Compartment Information:**

The following reports from the Inventory are attached:

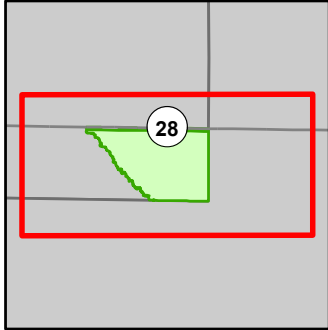
- Total Acres by Cover Type and Age Class
- Cover Type by Harvest Method
- Proposed Treatments – No Limiting Factors
- Proposed Treatments – With Limiting Factors
- Stand Details (Forested and Nonforested)
- Dedicated and Proposed Special Conservation Areas
- Site Condition Details

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

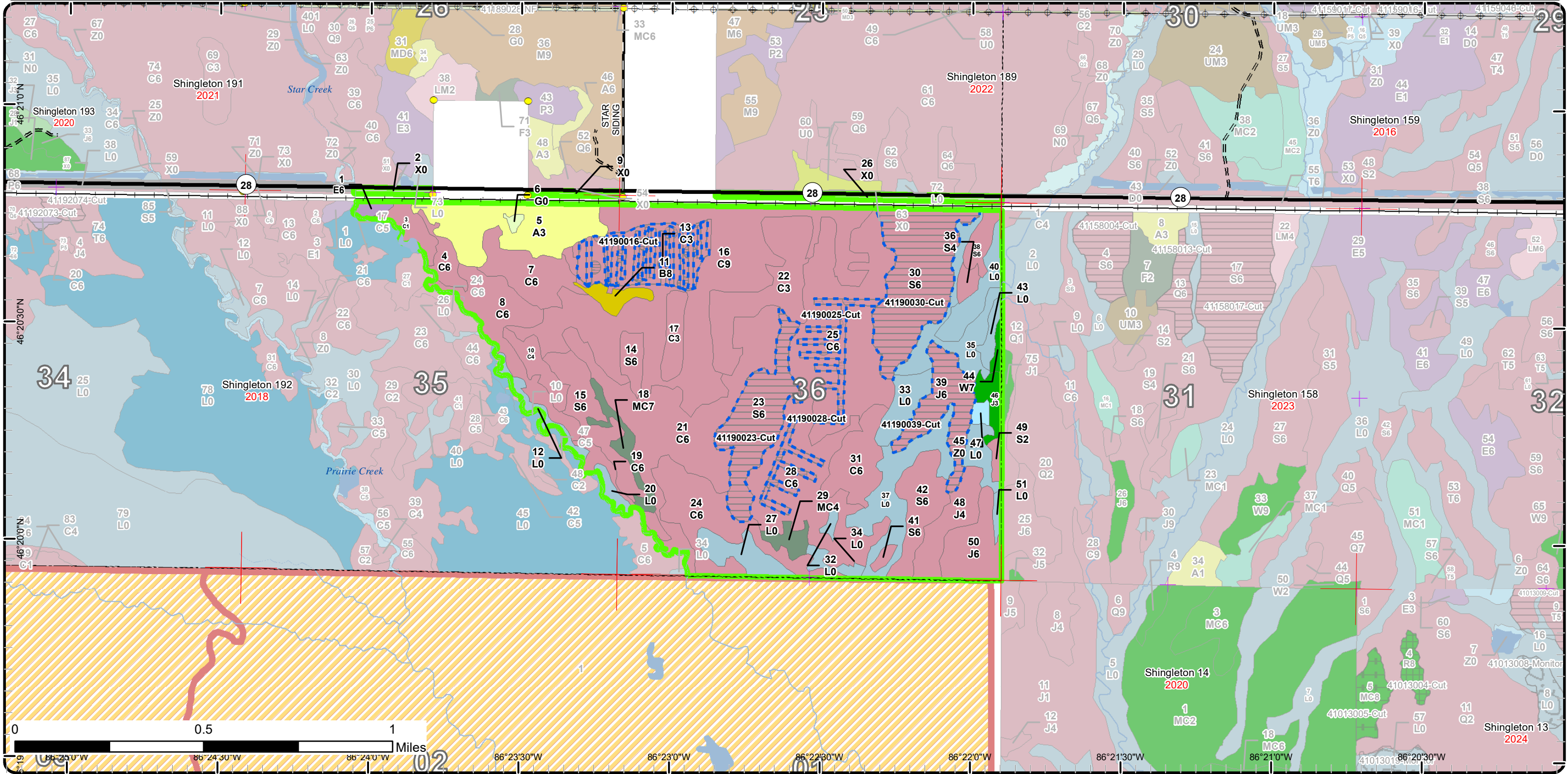
- Base feature information, stand boundaries, cover types, and numbers
- Proposed treatments
- Site condition boundaries
- Details on the road access system

# Cover Type & Treatments Map

Compartment: 190  
 T46N, R17W, Sec: 35, 36  
 County: Alger  
 Unit: Shingleton  
 Mgmt Area: Cusino Complex  
 YOE: 2024  
 Acres: 805.9 GIS Calculated  
 Examiner: Mario Molin  
 Map Revised: 8/17/2022  
 Map Phase: Web Post

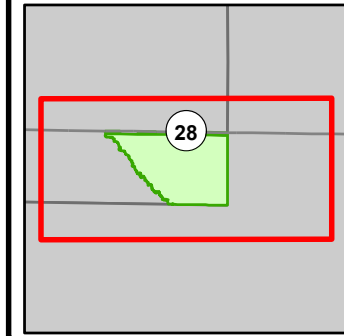


- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Primary Forest Road
- DNR - Forest Access Route
- Federal / State Highway
- Active Railroads
- Intermittent Stream
- Lake/Pond
- Lakes and Rivers
- Powerline
- Compartment Boundary
- Treatments with Site Conditions
- Clearcut (w/Reserves)
- Patch/Strip Cut (Femelschlag)
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 110 - Low Intensity Urban
- 310 - Herbaceous Openland
- 500 - Water
- 622 - Lowland Shrub

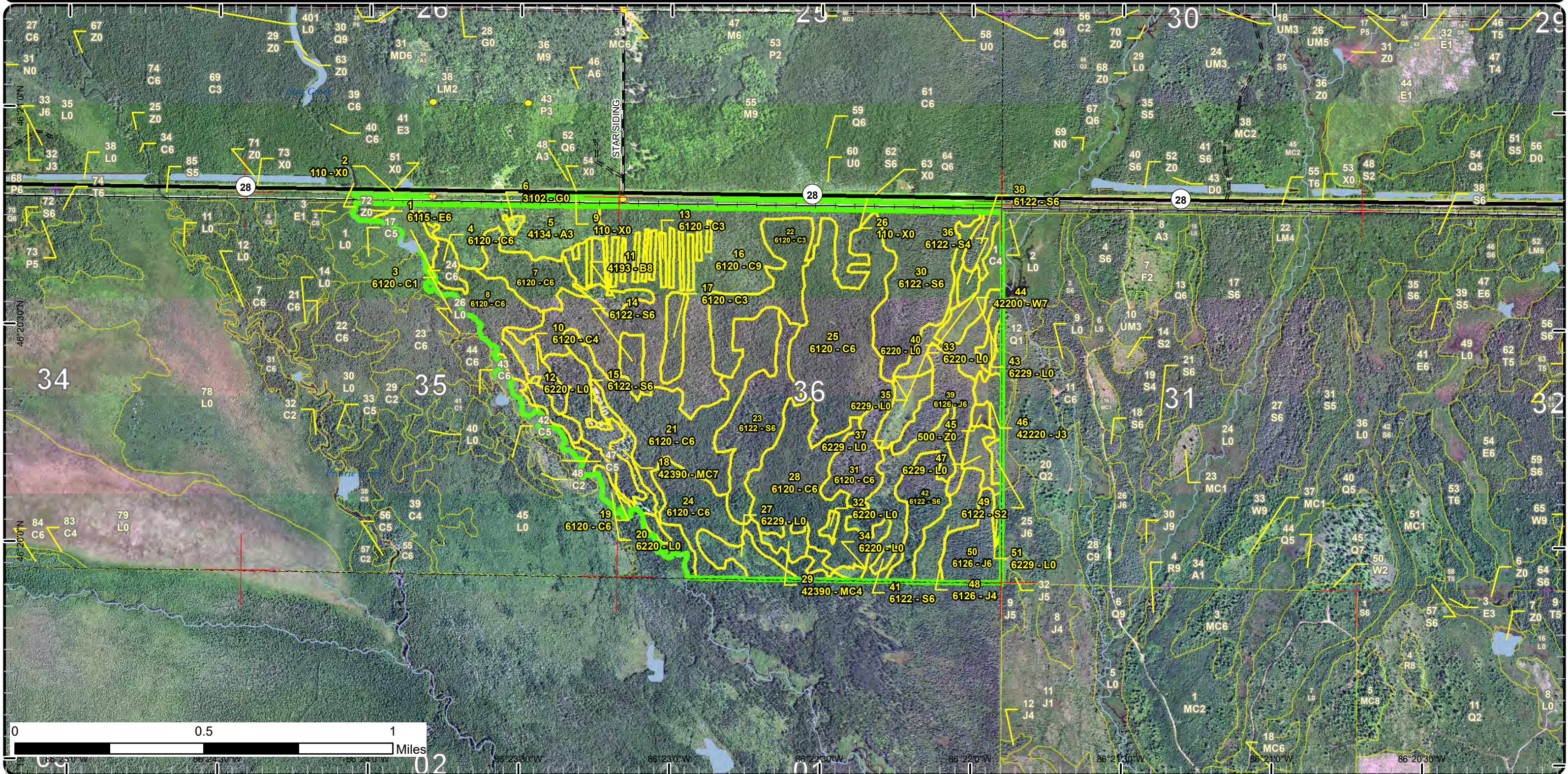


# Stand Boundary Map

Compartment: 190  
 T46N, R17W, Sec: 35, 36  
 County: Alger  
 Unit: Shingleton  
 Mgmt Area: Casino Complex  
 YOE: 2024  
 Acres: 805.9 GIS Calculated  
 Examiner: Mario Molin  
 Map Revised: 8/17/2022  
 Map Phase: Web Post

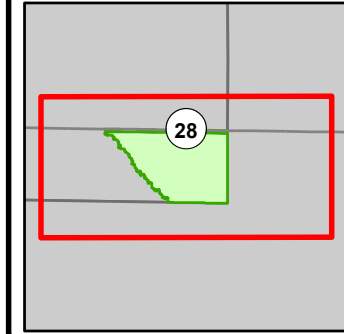


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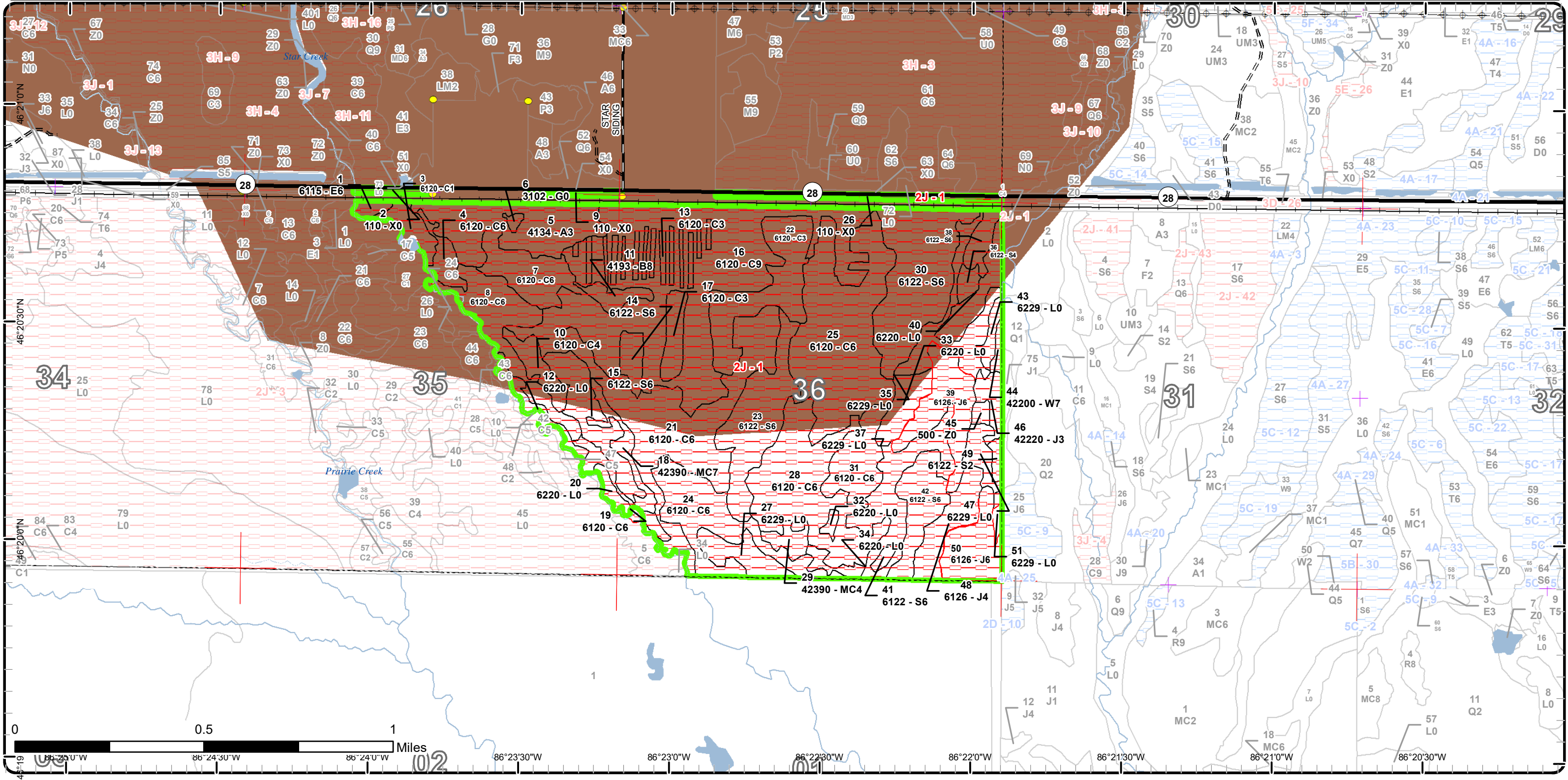


# Special Conservation Areas

Compartment: 190  
 T46N, R17W, Sec: 35, 36  
 County: Alger  
 Unit: Shingleton  
 Mgmt Area: Casino Complex  
 YOE: 2024  
 Acres: 805.9 GIS Calculated  
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- Miris Corners
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- Counties
- DNR - Primary Forest Road
- DNR - Forest Access Route
- Federal / State Highway
- Active Railroads
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Powerline
- Compartment Boundary
- Unavailable
- Stand Boundaries
- Cold Water Streams
- Cold Water Lakes
- Deer Winter Range



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	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34
Cedar	0	0	0	0	0	0	49	7	60	86	0	121	16	0	0	0	120	0	459
Herbaceous Openland	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Jack Pine	0	0	0	6	0	16	14	0	0	0	21	0	0	0	0	0	0	0	56
Lowland Deciduous	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2
Lowland Shrub	94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	94
Lowland Spruce/Fir	0	0	0	2	0	0	5	0	28	75	0	17	0	0	0	0	0	0	127
Paper Birch	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	5
Upland Conifers	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	12
Urban	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
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	0	0	0	0	2	0	0	0	0	0	0	2
<b>Total</b>	<b>109</b>	<b>0</b>	<b>0</b>	<b>42</b>	<b>0</b>	<b>16</b>	<b>68</b>	<b>9</b>	<b>100</b>	<b>161</b>	<b>21</b>	<b>145</b>	<b>16</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>120</b>	<b>0</b>	<b>806</b>



## Report 2 – Treatment Summary

Shingleton Mgt. Unit  
Year of Entry: 2024

Acres of Harvest

Compartment 190  
Total Compartment Acres: 806

Commercial Harvest -  
Harvests with Site Condition - 131  
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	0	0	35	0	0	0	0	0	0	35
Jack Pine	21	0	0	0	0	0	0	0	0	21
Lowland Spruce/Fir	75	0	0	0	0	0	0	0	0	75
<b>Total</b>	<b>96</b>	<b>0</b>	<b>35</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>131</b>

### Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	131	0	0	0	0	0	0	0	0	131
Next Step	0	0	0	0	0	0	131	0	0	131
<b>Total</b>	<b>131</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>131</b>	<b>0</b>	<b>0</b>	<b>261</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	Habitat Cut
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**Proposed Treatments:**

<b>16</b>	<b>41190016-Cut</b>	19.6	6120 - Lowland Cedar	Sawtimber Well	185	141-170	Harvest	Strip/Patch/Gap Cut (Femelschlag)	6120 - Lowland Cedar	Even-Aged	No
<p><u>Prescription</u> Clearcut strips, should be able to do all digital lines. Still dealing with access issues.  <u>Specs:</u>  <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)  <u>Treatments:</u>  <u>Acceptable</u> cedar  <u>Regen:</u>  <u>Other</u>  <u>Comment:</u>  <u>Site Condition:</u> Blocked by Railroad  <u>Proposed Start Date:</u> 10/1 /2023</p>											
<b>23</b>	<b>41190023-Cut</b>	30.2	6122 - Black Spruce Cedar	Poletimber Well	85	81-110	Harvest	Clearcut with Retention	613 - Lowland Mixed Forest	Even-Aged	No
<p><u>Prescription</u> Clearcut with retention. Leave small island in middle and not cut cedar unless for operations. Still dealing with access issues. Should do digital boundaries.  <u>Specs:</u>  <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)  <u>Treatments:</u>  <u>Acceptable</u> lowland species.  <u>Regen:</u>  <u>Other</u>  <u>Comment:</u>  <u>Site Condition:</u> Blocked by Railroad  <u>Proposed Start Date:</u> 10/1 /2023</p>											
<b>25</b>	<b>41190025-Cut</b>	9.8	6120 - Lowland Cedar	Poletimber Well	105	141-170	Harvest	Strip/Patch/Gap Cut (Femelschlag)	6120 - Lowland Cedar	Even-Aged	No
<p><u>Prescription</u> Clearcut strips, should be able to do all digital lines. Still dealing with access issues.  <u>Specs:</u>  <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)  <u>Treatments:</u>  <u>Acceptable</u> cedar  <u>Regen:</u>  <u>Other</u>  <u>Comment:</u>  <u>Site Condition:</u> Blocked by Railroad  <u>Proposed Start Date:</u> 10/1 /2023</p>											
<b>28</b>	<b>41190028-Cut</b>	5.8	6120 - Lowland Cedar	Poletimber Well	103	141-170	Harvest	Strip/Patch/Gap Cut (Femelschlag)	6120 - Lowland Cedar	Even-Aged	No
<p><u>Prescription</u> Clearcut strips, should be able to do all digital lines. Still dealing with access issues.  <u>Specs:</u>  <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)  <u>Treatments:</u>  <u>Acceptable</u> cedar  <u>Regen:</u>  <u>Other</u>  <u>Comment:</u>  <u>Site Condition:</u> Blocked by Railroad  <u>Proposed Start Date:</u> 10/1 /2023</p>											





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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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<b>30</b>	<b>41190030-Cut</b>	44.8	6122 - Black Spruce	Poletimber Well	88	81-110	Harvest	Clearcut with Retention	613 - Lowland Mixed Forest	Even-Aged	No
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Prescription Clearcut with retention. Leave small island in middle and not cut cedar unless for operations. Still dealing with access issues. Should do digital boundaries.  
Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable lowland species.

Regen:

Other

Comment:

Site Condition: Blocked by Railroad

Proposed Start Date: 10/1 /2023

<b>39</b>	<b>41190039-Cut</b>	20.5	6126 - Lowland Jack Pine	Poletimber Well	91	51-80	Harvest	Clearcut with Retention	6126 - Lowland Jack Pine	Even-Aged	No
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Prescription Clear cut with retention.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Jack pine, with other species.

Regen:

Other

Comment:

Site Condition: Blocked by Railroad

Proposed Start Date: 10/1 /2023

**Total Treatment** 130.7  
**Acreage Proposed:**

## Report 4 – Site Conditions

Shingleton Mgt. Unit

Mario Molin : Examiner

Compartment: 190

Year of Entry: 2024

### Availability for Management

Total Acres	Acres Available	Acres Avail With Condition	Acres Not Available	Dominant Site Conditions	2J
34	0	0	34	Aspen	34
458	1	0	458	Cedar	458
1	0	0	1	Herbaceous Openland	1
57	0	0	56	Jack Pine	56
2	0	0	2	Lowland Deciduous	2
94	2	0	92	Lowland Shrub	92
127	0	0	127	Lowland Spruce/Fir	127
5	0	0	5	Paper Birch	5
12	0	0	12	Upland Conifers	12
12	8	0	4	Urban	4
2	0	0	2	Water	2
2	0	0	2	White Pine	2
806	11		795	Total Forested Acres	795
	1%		99%	Relative Percent	

*\*Due to limitations in the current Site Conditions Analysis tool, all nonforested acres are considered available. Future development will enable analysis of nonforested types.*

Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable	2J: Blocked by Railroad	796	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Railroad removed crossing.							

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 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	Habitat Area	An area that provide some specific need for the life cycle of wildlife species, including State Wildlife Areas and Waterfowl Production Areas, deer wintering complexes in lowland conifer communities, grassland openings and savannas. Habitat areas are distinct from critical habitat designated for recovery of endangered or threatened species (such as Kirtland's warbler or piping plover areas) in that they are more general in nature, are not primarily associated with threatened or endangered species, and are not covered by species recovery plans that are developed in cooperation with Federal agencies.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																															
1	6115 - Lowland Ash	Poletimber Well	2.3	60	1-50	N/A																																
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Northern White Cedar</td> <td>5</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Black Ash</td> <td>85</td> <td>Pole</td> <td>6</td> <td>60</td> </tr> <tr> <td>Red Maple</td> <td>10</td> <td>Pole</td> <td>6</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Northern White Cedar	5	Pole	6		Black Ash	85	Pole	6	60	Red Maple	10	Pole	6		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Northern White Cedar</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Northern White Cedar	Medium	Variable	Sapling	Balsam Fir	Low	Variable	Sapling			
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2	110 - Low Intensity Urban	Nonstocked	2.2		Unspecified	No	M-28 shoulder/right-away																															
3	6120 - Lowland Cedar	Sapling Poor	7.0	60	Unspecified	N/A																																
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6	3102 - Grass	Nonstocked	1.0			No																																
7	6120 - Lowland Cedar	Poletimber Well	17.7	83	141-170	N/A	cedar 150 70 50 spruce 60 20 30 fir 20 10 0 aspen 20 0 10 birch 0 20 10																															
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Has areas of blow down with very good cedar regeneration.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																						
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9	110 - Low Intensity Urban	Nonstocked	2.4		Unspecified	No	M-28 shoulder/right-away																																																						
10	6120 - Lowland Cedar	Poletimber Poor	7.7	83	1-50	N/A	cedar 10 0 20 spruce 0 10 0 birch 0 10 10																																																						
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11	4193 - Birch, Aspen	Sawtimber Medium	5.1	101	81-110	N/A	r maple 20 0 0 birch 30 40 0 aspen 30 90 0 fir 0 40 0																																																						
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13	6120 - Lowland Cedar	Sapling Well	12.5	59	Unspecified	N/A	Strip cuts from the early 1960's with fantastic regeneration of cedar.																																																						
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14	6122 - Black Spruce	Poletimber Well	5.3	53	1-50	N/A	Clearcut in the early 1960's with fantastic regeneration.																																																						
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15	6122 - Black Spruce	Poletimber Well	17.7	78	51-80	N/A	spruce 30 60 60 Tamarack 10 10 20																																
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16	6120 - Lowland Cedar	Sawtimber Well	119.8	185	141-170	N/A	cedar 130 130 110 160 140 180 180 spruce 0 0 0 40 0 0 10 fir 0 10 0 0 0 0 0 tamarack 10 0 0 0 0 0 0																																
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17	6120 - Lowland Cedar	Sapling Well	7.4	57	Unspecified	N/A	Heavy with cedar regeneration.																																
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18	42390 - Mixed Non-Pine Upland Conifers	Sawtimber Poor	7.2	76	51-80	N/A	w pine 50 40 10 spruce 20 0 30 cedar 0 30 10																																
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19	6120 - Lowland Cedar	Poletimber Well	5.4	100	111-140	N/A	Lots of variability in the sizes, no obvious type change.cedar 130 60 90spruce 0 30 20birch 0 0 10																																
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23	6122 - Black Spruce	Poletimber Well	30.2	85	81-110	N/A	Can cut if needed, stand is healthy and will last till next entry. Looking at cutting some other stands to break up the age class. Mot of the spruce in the compartment is within 10 years of eachother.																																													
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24	6120 - Lowland Cedar	Poletimber Well	29.4	73	111-140	N/A	One stick cedar.cedar 120 60 40 80spruce 10 0 20 30 tamarack 20 20 20 20 birch 0 0 0 10																																													
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25	6120 - Lowland Cedar	Poletimber Well	67.4	105	141-170	N/A	ood regen in gaps.cedar 100 90 100 spruce 10 10 20 birch 10 0 0tamarack 0 70 20																																													
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Black Spruce	10	Pole	8																																																	
26	110 - Low Intensity Urban	Nonstocked	7.6		Unspecified	No	M-28 shoulder/right-away																																													
27	6229 - Mixed lowland shrub	Nonstocked	10.0			No																																														
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																
28	6120 - Lowland Cedar	Poletimber Well	48.2	103	141-170	N/A	cedar 70 170 110 birch 10 0 0 spruce 20 20 30																																
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29	42390 - Mixed Non-Pine Upland Conifers	Poletimber Poor	4.5	75	1-50	N/A	Old clearcut that did not regenerate well. cedrar 20 10 20 tamarack 0 10 0 j pine 0 0 10																																
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30	6122 - Black Spruce	Poletimber Well	44.8	88	81-110	N/A	Scattered cedar with good regen in openings. Areas with smaller diameter spruce, it same age as rest of stand. More tamarack and birch in the south end. spruce 90 50 40 cedar 0 40 20 tamarack 0 0 20																																
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31	6120 - Lowland Cedar	Poletimber Well	16.3	116	141-170	N/A	cedar 120 100 160 tamarack 40 20 0																																
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34	6220 - Alder/willow	Nonstocked	3.3			No																																	
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35	6229 - Mixed lowland shrub	Nonstocked	17.0			No																																						
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36	6122 - Black Spruce	Poletimber Poor	2.8	76	1-50	N/A	Wetter site.																																					
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38	6122 - Black Spruce	Poletimber Well	5.6	73	51-80	N/A	Cut in 10 years, very little growth. spruce 30 70 50 tamarack 20 20 0 w pine 10 0 0																																					
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39	6126 - Lowland Jack Pine	Poletimber Well	20.5	91	51-80	N/A	Large jack pine, some is starting to drop out. jack pine 30 30 60 spruce 0 0 20 w pine 0 20 0 birch 0 10 0																																					
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41	6122 - Black Spruce	Poletimber Well	1.5	73	81-110	N/A	Maple and birch on the edges.																																					
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																									
42	6122 - Black Spruce	Poletimber Well	16.9	101	51-80	N/A	Small pocket of XL white pine. Area is slightly higher ground with good birch scattered around.																																									
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43	6229 - Mixed lowland shrub	Nonstocked	3.5			No																																										
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44	42200 - Natural White Pine	Sawtimber Poor	2.0	106	1-50	N/A	Clearcut from adjacent compartment cut in 99, red and white pine reserved. Stand is regenerating with mostly fir, w pine and j pine.																																									
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45	500 - Water	Nonstocked	1.8			No	Seasonal pond, had a few shrubs and grass mounds.																																									
46	42220 - Natural Jack Pine	Sapling Well	5.7	23	Unspecified	N/A																																										
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47	6229 - Mixed lowland shrub	Nonstocked	6.0			No																																										
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																											
<b>48</b>	6126 - Lowland Jack Pine	Poletimber Poor	14.1	53	1-50	N/A	Patchy stocking, has a drainage snaking through. Better stocking to the north.																											
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<b>49</b>	6122 - Black Spruce	Sapling Medium	2.1	23	Unspecified	N/A	Few w pine seed trees.																											
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<b>50</b>	6126 - Lowland Jack Pine	Poletimber Well	16.3	49	51-80	N/A	Checkerboard of patches, more spruce in the north finger.																											
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Jack Pine	60	Pole	8	49																														
<b>51</b>	6229 - Mixed lowland shrub	Nonstocked	1.7			No	Narrow drainage on the compartment line with scattered trees																											
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