



# Compartment Review Presentation

Shingleton Forest Management Unit

Compartment 41056

Entry Year 2021

Acreage: 1,847

County Schoolcraft

Management Area: Seney Lake Plain

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**Stand Examiner:** Tori Irving

**Legal Description:**

T43N R14W Sections 19, 20, 21

**Identified Planning Goals:**

This compartment falls within the Seney Manistique Swamp management area. Vegetative management will provide timber products; maintain or enhance wildlife habitat; protect areas of unique character including rich conifer swamp, patterned fen and dry-mesic northern forest ecological reference areas and deer wintering special conservation areas; and provide for forest based recreational uses. Timber management objectives for this 10-year planning period include: improving the age-class distribution of jack pine, aspen and red pine; and continued selective harvesting of northern hardwoods to achieve an all-age class structure.

**Soil and topography:**

The topography within the compartment is mostly flat with slight elevation differences between the upland ridges and lowland conifer, marsh, and brush stands. Elevation values range between 630 and 663 feet. Most of the compartment is forested, but a few marshes separate some of the upland jack pine ridges. Numerous soil types are located in this compartment. A few of the most abundant soils are Rousseau-Neconish-Finch, Dawson-Greenwood-Loxley, and Pelkie. Habitat types within the compartment, in order of abundance, are Unclassified Lowland, PVE, AFPO, PArVAa, and ParV. It lies within the Seney Manistique Swamp Management Area.

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

State land within this compartment was acquired between 1906 and 1951. The compartment boundary borders both private and state lands with the majority being state land. A few camps are located adjacent to the boundaries.

**Unique Natural Features:**

None known.

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

None known.

**Special Management Designations or Considerations:**

**Watershed and Fisheries Considerations:**

This compartment contains Duck Creek, Black Creek and several unnamed waterbodies (streams), which all serve as tributaries to the Manistique River. Duck Creek, Black Creek and the unnamed waterbodies are non-designated streams less than 50' width. 100' plus 5' per 1% increase in slope; buffers are recommended for Duck Creek, Black Creek and the unnamed waterbodies to protect riparian areas in accordance with Best Management Practices.

**Wildlife Habitat Considerations:**

This compartment is located along the Highwater Truck Trail about 3 miles south of the Seney National Wildlife Refuge. Duck Creek and Black Creek flow through near the center, while Little Duck Creek flows through the western side. The compartment is dominated by marsh and pine ridge complex. Wildlife management goals include protecting the integrity of the marshes, protecting stream bank corridors, and diversifying the age and structure composition of the conifer component.

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

Active sand/gravel and dolostone production is occurring less than three miles south, but non-metallic mineral development potential within the compartment appears to be low. There is no known metallic mineral potential in this area no known potential for economic hydrocarbon production in the UP.

**Vehicle Access:**

Access is limited to a couple main forest roads. The Highwater Truck Trail travels north through the compartment, on the west side of Duck Creek, and divides it in half. Another forest road travels along the east side of Duck Creek and ends at

the northern compartment boundary.

**Survey Needs:**

None needed.

**Recreational Facilities and Opportunities:**

Highwater Truck Trail, designated snowmobile trail, travels through the compartment. This compartment receives minimal use by the public with a large portion of the users consisting of neighboring camp owners. Opportunities for hunting, trapping and other forms of outdoor recreation exist.

**Fire Protection:**

Response time to fires within this compartment will be slow. It is located approximately half way between the Thompson and Seney fire stations. Both spring and summer fires are likely to occur here. Drought conditions during the summer months combined with fuel types in the compartment give this area potential for a large wildfire. Water sources are abundant and include Duck Creek, Little Duck Creek, Walsh Ditch, various small creeks, and beaver ponds.

**Additional Compartment Information:**

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

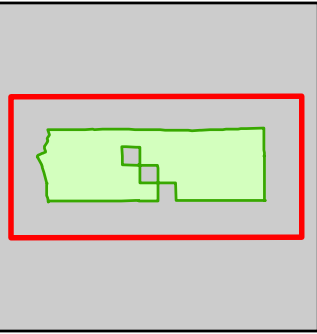
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

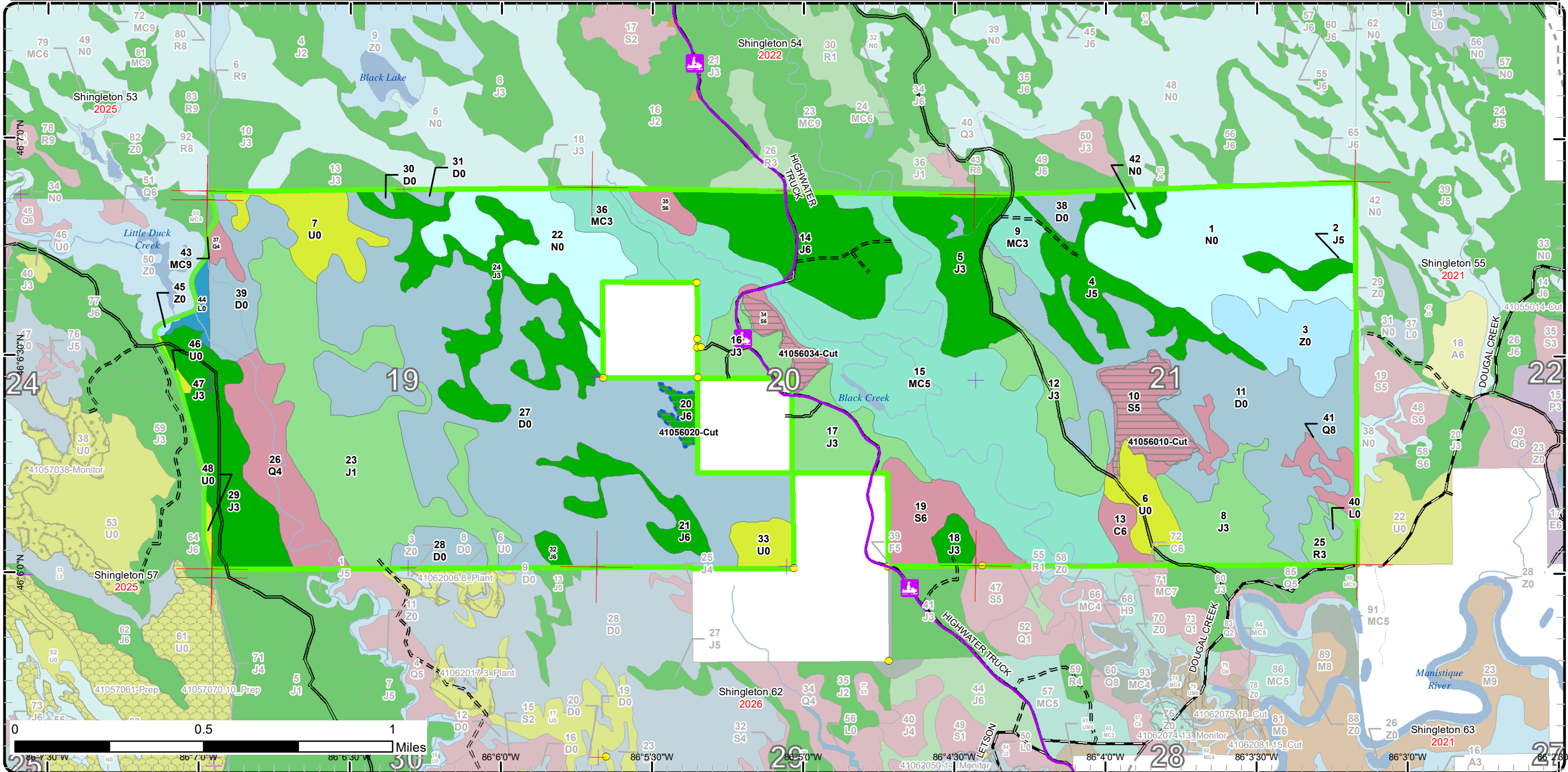
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

# Cover Type & Treatments Map

Compartment: 56  
 T43N, R14W, Sec: 19-21  
 County: Schoolcraft  
 Unit: Shingleton  
 Mgmt Area: Seney Lake Plain  
 YOE: 2021  
 Acres: 1847.4 GIS Calculated  
 Examiner: Tori Irving  
 Map Revised: 9/20/2023  
 Map Phase: Post Review

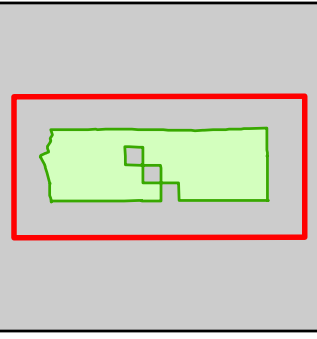


- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Private - Dirt / Gravel Road
- Snowmobile Trails
- Designated Snowmobile Trails
- ▲ Berms
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Compartment Boundary
- Treatments with Site Conditions
- Clearcut (w/Reserves)
- 421 - Planted Pines
- 422 - Natural Pines
- 429 - Mixed Upland Conifers
- 612 - Lowland Coniferous Forest
- 330 - Low Density Trees
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- 629 - Mixed Non-forested Wetland

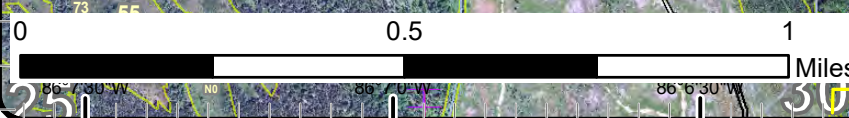
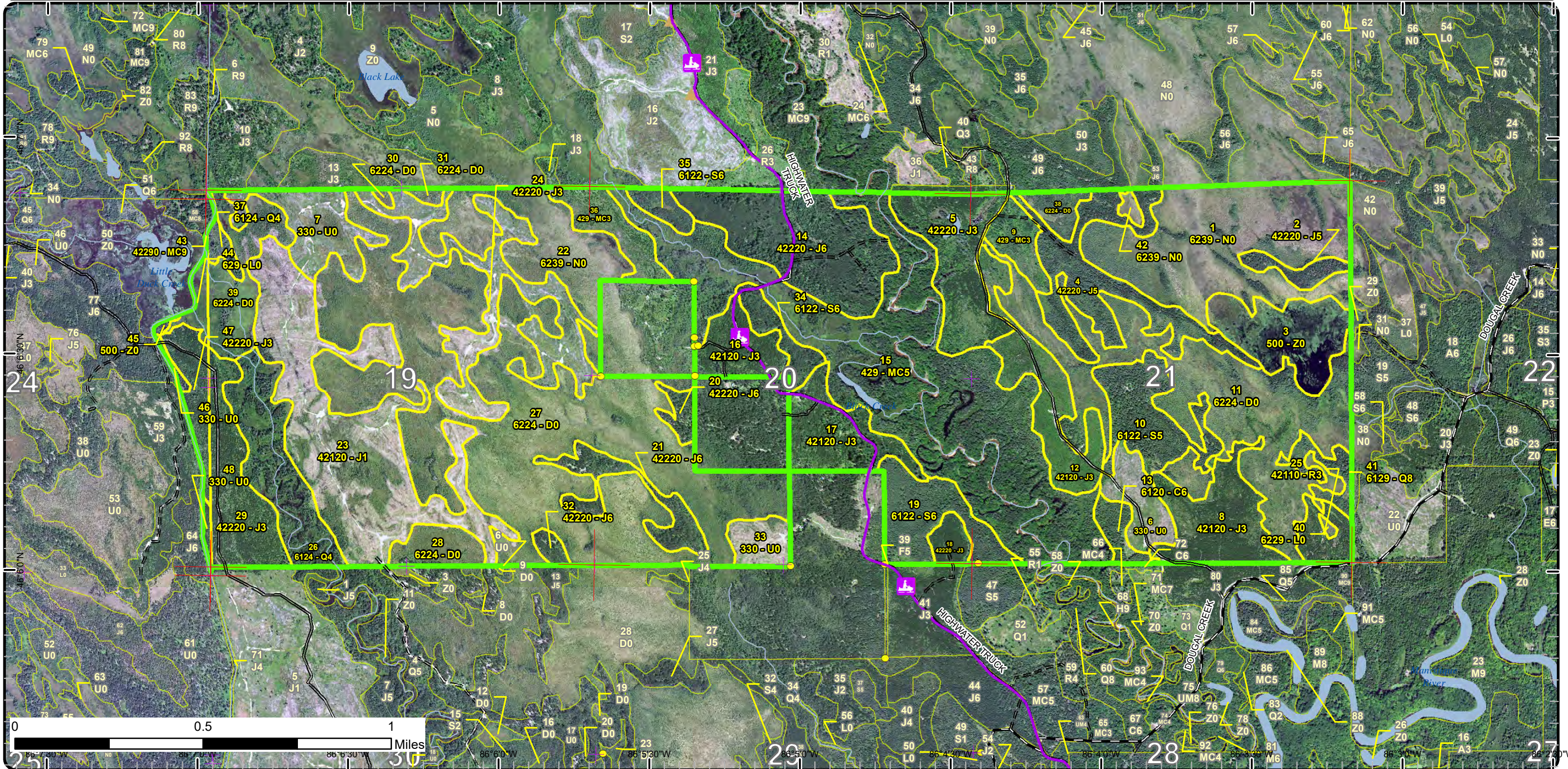


# Stand Boundary Map

Compartment: 56  
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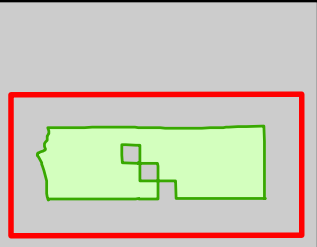


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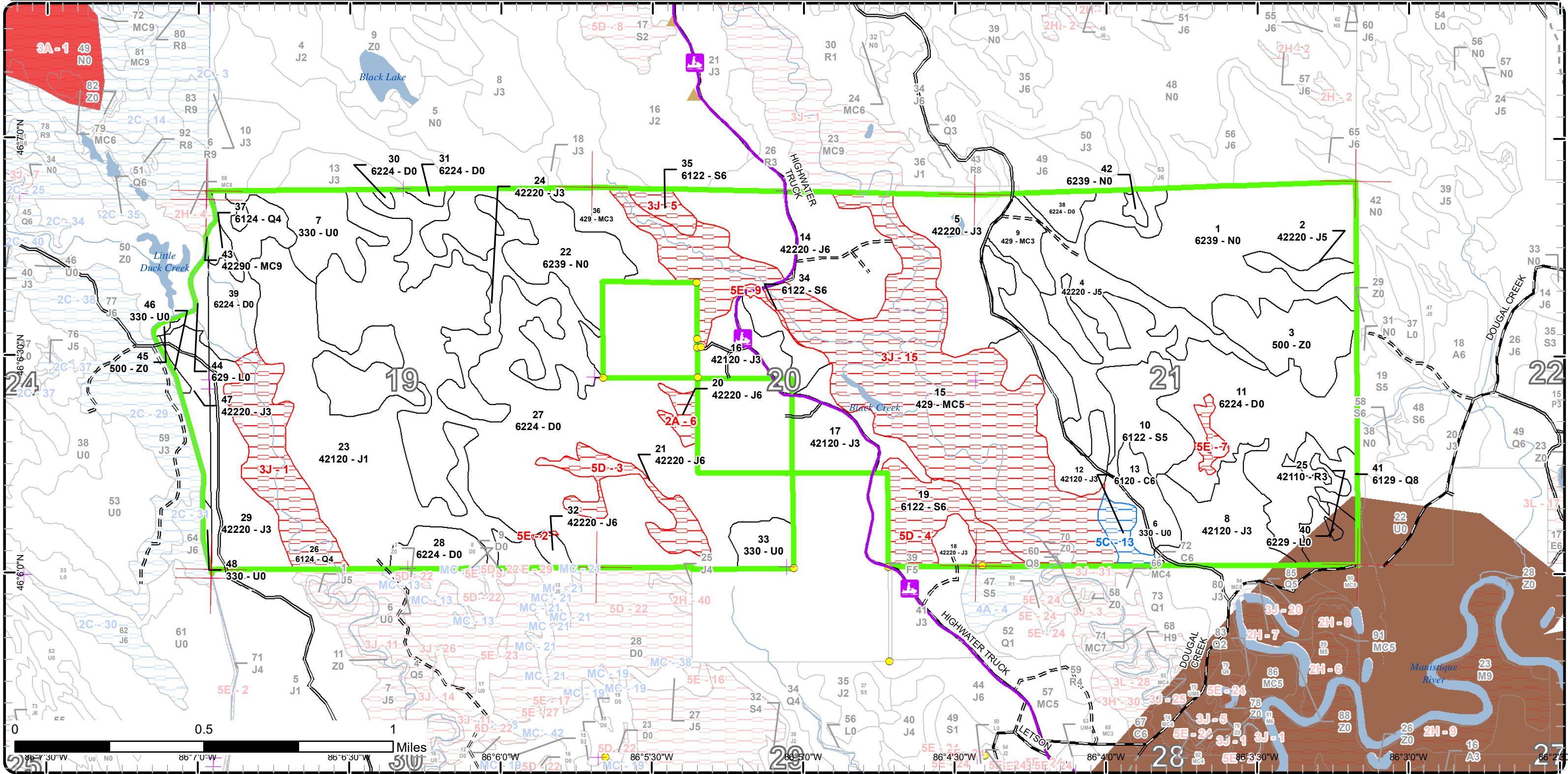


# Special Conservation Areas

Compartment: 56  
 T43N, R14W, Sec: 19-21  
 County: Schoolcraft  
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- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Compartment Boundary
- Available w/ Constraints
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- Unavailable
- 2A: Adjacent landowner denied access
- 3J: Water quality / BMPs (stream, river, or lake)
- 5D: Unproductive Forest Land
- 5E: Long-Term Retention
- Stand Boundaries
- Ecological Reference Areas
- 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
Cedar	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	9
Jack Pine	0	200	41	208	0	135	0	0	0	0	31	0	0	0	0	0	0	0	614
Low-Density Trees	65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	65
Lowland Conifers	0	0	0	0	0	0	0	0	52	0	0	0	0	0	0	0	0	11	63
Lowland Shrub	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	0	90	0	0	0	0	0	0	0	0	90
Marsh	175	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	175
Natural Mixed Pines	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Red Pine	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
Treed Bog	511	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	511
Upland Conifers	0	0	0	33	0	0	0	0	0	0	228	0	0	0	0	0	0	0	261
Water	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40
<b>Total</b>	<b>799</b>	<b>200</b>	<b>41</b>	<b>253</b>	<b>0</b>	<b>135</b>	<b>0</b>	<b>0</b>	<b>52</b>	<b>90</b>	<b>268</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>11</b>	<b>1847</b>



## Report 2 – Treatment Summary

Shingleton Mgt. Unit

Year of Entry: 2021

Acres of Harvest

Compartment 56

Total Compartment Acres: 1,847

Commercial Harvest - 38  
 Harvests with Site Condition - 6  
 Next Step Harvest - 0  
 Habitat Cut - 0

### Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overstory Removal	Salvage	Other	Total Acres
Jack Pine	6	0	0	0	0	0	0	0	0	6
Lowland Spruce/Fir	38	0	0	0	0	0	0	0	0	38
<b>Total</b>	<b>45</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>45</b>

### Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	45	0	0	0	0	0	0	0	0	45
Next Step	0	0	0	0	0	0	45	0	0	45
<b>Total</b>	<b>45</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>45</b>	<b>0</b>	<b>0</b>	<b>90</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>10</b>	<b>41056010-Cut</b>	28.5	6122 - Black Spruce Poletimber Medium	86	51-80	Harvest	Clearcut with Retention	6122 - Black Spruce	Even-Aged	No
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Prescription Cut all merchantable trees. Retention for the stand was excluded with the treatment boundary. No cutting of cedar, hemlock, or oak.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Any species found on-site will be considered acceptable.

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2020

<b>20</b>	<b>41056020-Cut</b>	6.4	42220 - Natural Jack Pine	Poletimber Well	92	51-80	Harvest	Clearcut	42220 - Natural Jack Pine	Even-Aged	No
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Prescription Do not cut any cedar, hemlock or oak in the stand. Due to the small stand size, no other retention is needed.

Specs:

Next Step Monitoring, Natural Regen (Intermediate)

Treatments:

Acceptable Jack pine as well as other species found on site will be considered acceptable.

Regen:

Other

Comment:

Site Condition Denied Access

Proposed Start Date: 10/1 /2020

<b>34</b>	<b>41056034-Cut</b>	9.9	6122 - Black Spruce Poletimber Well	85	51-80	Harvest	Clearcut with Retention	6122 - Black Spruce	Even-Aged	No
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Prescription Cut all merchantable trees. Leave retention along the north west portion of the stand that is adjacent to the river and the road. No cutting of cedar, hemlock, or oak.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Any species found on-site will be considered acceptable.

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2020

**Total Treatment Acreage Proposed: 44.8**



## Report 4 – Site Conditions

Shingleton Mgt. Unit

Tori Irving : Examiner

Compartment: 56

Year of Entry: 2021

### Availability for Management

Total Acres	Acres Available	Acres Available With Condition	Acres Not Available
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### Dominant Site Conditions

				5C	MC	2A	3J	5D	5E	
9	0	9	0	Cedar	9		0			
615	587	0	27	Jack Pine		0	6	21	0	
65	65	0	0	Low-Density Trees						
63	16	0	47	Lowland Conifers			47			
7	7	0	0	Lowland Shrub						
89	42	0	48	Lowland Spruce/Fir			8	33	7	
175	175	0	0	Marsh						
0	0	0	0	Natural Mixed Pines						
12	12	0	0	Red Pine						
511	511	0	0	Treed Bog					0	
261	33	0	228	Upland Conifers			228			
40	40	0	0	Water						
1,848	1,489	9	350	Total Forested Acres	9	0	6	282	54	7
	81%	0%	19%	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	3J: Water quality / BMPs (stream, river, or lake)	47	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
2	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
3	Unavailable	5D: Unproductive Forest Land	21	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> This area was excluded from an existing timber sale.							

## Report 4 – Site Conditions

Shingleton Mgt. Unit

Tori Irving : Examiner

Compartment: 56

Year of Entry: 2021

4	<b>Unavailable</b>	<b>5D: Unproductive Forest Land</b>	33	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
5	<b>Unavailable</b>	<b>3J: Water quality / BMPs (stream, river, or lake)</b>	8	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
6	<b>Unavailable</b>	<b>2A: Adjacent landowner denied access</b>	6	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
7	<b>Unavailable</b>	<b>5E: Long-Term Retention</b>	5	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
9	<b>Unavailable</b>	<b>5E: Long-Term Retention</b>	2	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
13	<b>Available</b>	<b>5C: Delay treatment for age/size class diversity or exceptional site quality</b>	9	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
15	<b>Unavailable</b>	<b>3J: Water quality / BMPs (stream, river, or lake)</b>	228	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

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	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	6239 - Mixed Emergent Wetland	Nonstocked	114.7		Unspecified	No																												
2	42220 - Natural Jack Pine	Poletimber Medium	8.3	47	1-50	N/A																												
3	500 - Water	Nonstocked	39.2		Unspecified	No																												
4	42220 - Natural Jack Pine	Poletimber Medium	53.9	47	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> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Jack Pine</td> <td>80</td> <td>Pole/Sapling</td> <td>5</td> <td>47</td> <td>Black Spruce</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Black Spruce</td> <td>20</td> <td>Pole/Sapling</td> <td>5</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	Jack Pine	80	Pole/Sapling	5	47	Black Spruce	Low	5 - 10 feet	Sapling	Black Spruce	20	Pole/Sapling	5					
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5	42220 - Natural Jack Pine	Sapling Well	45.7	23	Immature	N/A	<p>OPIC - FMD: bridge over duck sale 40-96. scarified 2000 schedule regen check in 2003</p> <p>[6-25-04 BB] Stand was counted in 2003 showing poor stocking and holes, stand was machine planted (fill-in as Don calls it) 10 total acres planted. Check regen in 1 year. Ftp # c41-770</p> <p>(4/25/07 AP) 2007 regen check (3 year): 865 jack pine. Regeneration check was only on portion that was machine planted. The rest of the stand has higher stocking levels. FTP will be closed with a letter.</p> <p>(2/12/08 AP) FTP closed with a letter</p>																											
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Black Spruce	5	Sapling	3																															
6	330 - Low-Density Trees	Nonstocked	19.1	0	Unspecified	4222 - Natural Jack Pine	<p>10/12/11 bb Stand is on proposal, 9-11, Fisher Crossing. Unit 1, 18 acres. FTP C41-1490 submitted for Jack pine regen.</p> <p>2/2/15 AP: Stand was scarified fall 2014. Regeneration count scheduled in 2018.</p> <p>11/1/2017: Stand regeneration was check by both Clark and Petrelius on seperate visits. It was determined by both that regeneration acceptable in most areas, however stand would benefit from interplanting jack pine in lower stocked regions.</p> <p>5/9/18: Planted by Superior Forestry. Oversight by Forest Resource Services (Grossman Forestry Co.).</p> <p>Quality checks: 0.00% too deep, 0.00% bad stem angle, St 6; 2.31% too loose, St 22; 1.05% too loose, 0.00% "J" rooted.</p> <p>Weather: scattered clouds, rain in afternoon, 65 degrees.</p> <p>Stocking = Stand 6; 582 trees/ac actual, 977 trees/ac plot data. Stand 22; 675 trees/ac actual, 1016 trees/ac plot data</p> <p>Total cost = \$183.03/ac</p> <p>Site was down as an interplant.</p>																											



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																				
7	330 - Low-Density Trees	Nonstocked	29.8	0	Unspecified	4222 - Natural Jack Pine	<p>Jack pine and black spruce are acceptable management objectives.</p> <p>3/21/11 BB Stand is now on proposal 41-013-11 Doughnut Sale, stand consists of Units 1-4 and is 154 acres. No residual BA but has retention areas.</p> <p>Stand was harvested in winter of 2014 and 2016.</p> <p>9/7/2016 TI - Stand was cut with the Doughnut Marsh Sale #41-013-11-01. Sale is now closed. TCR Date 6/24/2016.</p>																																				
8	42120 - Planted Jack Pine	Sapling Well	40.2	24	Immature	N/A	BRIDGE OVER DUCK SALE, 40-96. Scarified 2000 27.4 acres scarified Aug 1999 Schedule regeneration check 2001 [6-25-04 BB] Stand was counted in 2003 showing adequate stocking 737 TPA. FTP# C 41-770																																				
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10	6122 - Black Spruce	Poletimber Medium	35.6	86	51-80	N/A																																					
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11	6224 - Treed Bog	Nonstocked	139.7		Unspecified	No																																					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																									
12	42120 - Planted Jack Pine	Sapling Well	40.8	15	Immature	N/A	OPIC - FMD: [11-9-2003 bb] Stand was cut December 2001. [10-26-03] Sale is now closed. [1/28/04 BB] Don indicated the area was scarified in summer of 2003, need a regen check in 2006. (6/5/06 AP) 80 % of the volume in the northern portion of the stand (U1 Black Duck Sale) was black spruce. Regeneration counts for the northern portion of the stand in 2006 are 411 black spruce, 192 aspen, 164 red maple, 27 red pine, 27 balsam fir. The southern portion of the stand is lacking regeneration and will be trenched and planted with jack pine. (5/28/08 AP) Southern portion was trenched and planted in spring 2008. Northern portion was made into a separate stand number 9. Needs regen check in 2009. (6/15/09 AP) 2009 regen check - 945 jack pine. 3 year check needed in 2011. (6/7/2011 AP) 2011 regen counts showed excellent regeneration. FTP is closed.																																									
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13	6120 - Lowland Cedar	Poletimber Well	8.9	98	81-110	N/A																																										
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14	42220 - Natural Jack Pine	Poletimber Well	73.0	40	111-140	N/A																																										
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15	429 - Mixed Upland Conifers	Poletimber Medium	227.9	93	51-80	N/A																																										
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16	42120 - Planted Jack Pine	Sapling Well	21.7	24	Immature	N/A	OPIC - FMD: SPIKE PINE SALE completed fall 1999 ,permit# 47-96-01 Scarified 2000 schedule regen check 2002 summer [6-25-04 BB] Stand was counted in 2003 showing poor stocking and holes, stand was machine planted (fill-in as Don calls it) 10 total acres planted. Check regen in 1 year. Ftp # C41-734 (4/25/07 AP) 2007 3 year regen check: 1258 jack pine, 26 black spruce. Entire stand was counted and has excellent stocking. FTP is complete, and a FTP closure letter will be circulated. (2/12/08 AP) FTP closed with a letter																																									
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																														
<b>17</b>	42120 - Planted Jack Pine	Sapling Well	34.5	24	Immature	N/A	OPIC - FMD: SPIKE PINE SALE completed fall 1999, permit #47-96-01 Scarified summer 2000 schedule regen check summer 2002 [6-25-04 BB] Stand was counted in 2003 showing poor stocking and holes, stand was machine planted (fill-in as Don calls it) 10 total acres planted. Check regen in 1 year. FTP # C41-734 (4/25/07 AP) 2007 regeneration check (3 year): 868 jack pine, 19 black spruce, 50 red pine, 14 white pine. Entire stand was counted, and there is excellent stocking. FTP will be closed with a letter. (2/12/08 AP) FTP closed with a letter																														
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<b>18</b>	42220 - Natural Jack Pine	Sapling Well	7.5	24	Immature	N/A	OPIC - FMD: SPIKE PINE SALE, completed fall 1999, permit # 47-96-01 Scarified 1999 schedule regen check 2002 summer (6-25-04 BB] Stand was counted in 2003 showing adequate stocking 735tpa. Ftp # C41-734																														
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<b>19</b>	6122 - Black Spruce	Poletimber Well	33.3	85	51-80	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>Black Spruce</td> <td>50</td> <td>Pole/Sapling</td> <td>6</td> <td>85</td> </tr> <tr> <td>White Pine</td> <td>10</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> <tr> <td>Tamarack</td> <td>5</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>35</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> </tbody> </table>	Canopy Species	% Cover	Size Class	DBH	Age	Black Spruce	50	Pole/Sapling	6	85	White Pine	10	Pole/Sapling	6		Tamarack	5	Pole/Sapling	6		Northern White Cedar	35	Pole/Sapling	6						
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<b>20</b>	42220 - Natural Jack Pine	Poletimber Well	6.4	92	51-80	N/A	OPIC - FMD: Best access is through private. Acceptable alternative management objectives include any species mixture currently found onsite. See locked comments for access information.																														
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							Retention: Do not cut hemlock and oak. No other retention, small stand.																														
							3/21/11 BB Stand is now on proposal 41-013-11 Doughnut Marsh Sale, stand consists of Unit 7 and is 7 acres. No residual BA																														
							9/7/2016 TI Stand was never cut and was returned.																														
<b>21</b>	42220 - Natural Jack Pine	Poletimber Well	20.6	92	51-80	N/A	OPIC - FMD: It was decided at pre-review to drop the prescription on this stand. Possibly could be harvested with compartment 62 if those stands get scheduled.																														
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<b>22</b>	6239 - Mixed Emergent Wetland	Nonstocked	57.8		Unspecified	No																															





Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																	
<b>23</b>	42120 - Planted Jack Pine	Sapling Poor	133.7	4	1-50	N/A	Jack pine and black spruce are acceptable management objectives.																																	
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Canopy Species	% Cover	Size Class	DBH	Age																																				
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							9/7/2016 TI - Stand was cut with the Doughnut Marsh Sale #41-013-11-01. Sale is now closed. TCR Date 6/24/2016.																																	
							(8/8/2018) Trenched in summer 2018 by DNR staff. Planted in spring 2020, 533 trees per acre due to flooded trenches at time of planting. 11/10/2020: 11/10/2020 AP: Regeneration check in fall 2020 showed 1617 jack pine including jack pine volunteers and 188 other species. 11/15/2020: 3 year count showed 1571 jack pine.																																	
<b>24</b>	42220 - Natural Jack Pine	Sapling Well	66.3	8	Immature	N/A	Scarified by DNR staff in summer 2014.																																	
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<b>25</b>	42110 - Planted Red Pine	Sapling Well	12.2	27	Immature	N/A																																		
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<b>26</b>	6124 - Lowland Spruce-Fir	Poletimber Poor	46.9	77	1-50	N/A	OPIC - FMD: River buffer, Little Duck Creek. Stand is mixture of marsh, swamp hardwood, and swamp conifers.																																	
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<b>27</b>	6224 - Treed Bog	Nonstocked	311.3		Unspecified	No																																		
<b>28</b>	6224 - Treed Bog	Nonstocked	14.8		Unspecified	No																																		
<b>29</b>	42220 - Natural Jack Pine	Sapling Well	40.9	24	Immature	N/A	OPIC - FMD: WALSH JACK PINE, cut fall 1997 permit #48-96 Scarified 1998 fall schedule regen check summer 2001 (10/18/05 AP) Regen counts - 815 jack pine, 45 black spruce (12/28/05) FTP closed with a letter																																	
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<b>30</b>	6224 - Treed Bog	Nonstocked	1.2		Unspecified	No																																		



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																													
31	6224 - Treed Bog	Nonstocked	2.2		Unspecified	No																																														
32	42220 - Natural Jack Pine	Poletimber Well	4.0	92	51-80	N/A																																														
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33	330 - Low-Density Trees	Nonstocked	12.6	0	Unspecified	4222 - Natural Jack Pine	<p>3/21/11 BB Stand is now on proposal 41-013-11 Doughnut Sale, stand consists of Unit 8 and is 11 acres. No residual BA</p> <p>Harvested in winter 2016.</p> <p>9/7/2016 TI Stand was cut as part of the Doughnut Marsh Sale #41-013-11-01. Sale has been closed. TCR Date 6/24/2016.</p> <p>(8/8/2018) Landowner passed away recently and unable to contact for permission to trench. Stand will have to be flat planted.</p>																																													
34	6122 - Black Spruce	Poletimber Well	12.9	85	51-80	N/A																																														
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35	6122 - Black Spruce	Poletimber Well	7.5	85	51-80	N/A																																														
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36	429 - Mixed Upland Conifers	Sapling Well	19.6	21	Immature	N/A	<p>OPIC - FMD: [11-9-2003 bb] Stand was cut February 2002, access was through private, site almost scarified in August 2003, but contractor scarified the private ground to the south by mistake, access was then pulled, need to check regen in 06.</p> <p>(6/5/06 AP) 2006 Regen counts - 326 jack pine, 163 red pine, 391 black spruce, 228 red maple. Regeneration work is complete on this stand covered under FTP C41-1017, but other stands still need work.</p>																																													
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37	6124 - Lowland Spruce-Fir	Poletimber Poor	5.0	77	1-50	N/A	<p>OPIC - FMD: River buffer, Little Duck Creek. Stand is mixture of marsh, swamp hardwood, and swamp conifers.</p>																																													
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38	6224 - Treed Bog	Nonstocked	9.0	0	Unspecified	No																																						
39	6224 - Treed Bog	Nonstocked	32.6		Unspecified	No																																						
40	6229 - Mixed lowland shrub	Nonstocked	0.9		Unspecified	No																																						
41	6129 - Mixed Coniferous Lowland Forest	Sawtimber Medium	10.7	84	Unspecified	N/A																																						
42	6239 - Mixed Emergent Wetland	Nonstocked	2.4	0	Unspecified	No																																						
43	42290 - Natural Mixed Pine	Sawtimber Well	0.0	108	81-110	N/A	Stand is really wet and is located along a drainage from the Little Duck Creek.																																					
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44	629 - Mixed non-forested wetland	Nonstocked	6.5			No																																						
45	500 - Water	Nonstocked	1.0		Unspecified	No																																						
46	330 - Low-Density Trees	Nonstocked	1.6	0	Unspecified	4222 - Natural Jack Pine	Stand was scarified in 2022.																																					
47	42220 - Natural Jack Pine	Sapling Well	17.1	23	Unspecified	N/A	some scattered log size red pine. Not enough to be part of the canopy.																																					
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48	330 - Low-Density Trees	Nonstocked	2.0	0	Unspecified	4222 - Natural Jack Pine	Some open holes in the north end with a good amount of jack pine regeneration already present. Some of the trees are starting to degrade.  Sale was part of the West Walsh Sale #12-05. Sale was returned to the state by the purchaser due to poor market conditions. TCR date 7/23/2007. Harvested in 2021. Scarification was attempted in 2022, however bridge was removed.																																					