



Compartment Review Presentation

Shingleton Forest Management Unit

Compartment 41062

Entry Year 2026

Acreage: 1,590

County Schoolcraft

Management Area: Seney Lake Plain

Stand Examiner: Sheila Clark

Legal Description:

T43N R14W Sections 28-30

Identified Planning Goals:

The goals in this compartment include conducting multiple resource management for current and future generations. Forest Health, Recreation, Biodiversity Stewardship, Wildlife and Timber Management are some of the key management components within this compartment.

Soil and topography:

In general, the soils are very well drained sandy soils. The terrain in the area is flat to rolling. The compartment lies within the Manistique Sloughs/Muskeg Land Type Association (LTA)

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

Ownership within the compartment is mostly contiguous blocks of State land, there is some private fragmentation, including corporate land but the majority of this land is inaccessible and used very little. The private land is either forest or marsh and it is currently either undeveloped or has hunting camps on it.

Unique Natural Features:

No Unique Natural Features known.

Archeological, Historical, and Cultural Features:

No Archeological, Historical, or Cultural Features known. Uplands near Manistique River and wetlands may have heightened sensitivity for resources.

Special Management Designations or Considerations:

No special management designations or considerations.

Watershed and Fisheries Considerations:

This compartment contains an unnamed tributary to the Main Branch Manistique River, Little Duck Creek, Duck Creek, and the Main Branch Manistique River. These stream reaches are non-designated streams less than 50-ft wide that have predicted mean July water temperatures ranging from 58.5 to 69.8 °F (cold to cool) streams. A 100-foot, plus 5 feet per 1% increase in slope, buffer is recommended for the Main Branch Manistique River, Little Duck Creek, Duck Creek, and the Main Branch Manistique River, to protect these areas in accordance with Best Management Practices.

Wildlife Habitat Considerations:

This compartment lies north of Manistique and is bounded on the east by the Manistique River. Duck Creek, Little Duck Creek, and the Walsh Ditch each traverse this compartment. Early surveyor notes show that the western 2/3rds of this compartment was dominated by open marsh with small pocket of jack pine, white pine, aspen tamarack and spruce. The eastern portion of the compartment contained forested lowlands consisting of cedar, spruce, white pine, red pine, and elm. Uplands close to the Manistique River supported northern hardwoods with a mixture of hemlock, red maple, and yellow birch.

Current forests in the eastern and central portions of the compartment appear to be fairly similar to those found in pre-settlement days. However, in the western portion of the compartment the Walsh Ditch appears to have altered the hydrology substantially resulting in a significant change in land cover. The western 1/2 of section 30, which historically was open marsh, is now mature jack pine.

Wildlife habitat objectives in this compartment include providing managing jack pine in a manner similar to natural disturbance regimes, protecting the integrity of the remaining intact marsh complex, and providing travel corridors along the various creek and river systems.

The featured species in this management area are beaver, moose, ruffed grouse, sharp-tailed grouse, snowshoe hare and

deer.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of lacustrine (lake) sand and gravel. There is up to 10 feet or insufficient data to determine the glacial drift thickness. The Silurian Manitoulin Dolomite subcrops below the glacial drift. The Manitoulin is quarried for stone. The nearest gravel pit is 1.5 miles to the south, but potential appears to be limited. There is no commercial oil and gas production in the UP.

Vehicle Access:

There are 3 Department Roads within the compartment, the Highwater Truck Trail, Letson Road and Duck Creek Road. Road access on the east side of the compartment is decent but the west side is very limited. Although there are several old closed/ abandoned roads that can be re-opened for harvesting activities.

Survey Needs:

No survey needs at this time.

Recreational Facilities and Opportunities:

There are no recreational facilities within the compartment, the area does offer some secluded hunting opportunities due to the lack of roads in the compartment. The Highwater Truck Trail is a Snowmobile Trail being the southern east west link. The piece of state land just opposite the Cookson Bridge in an adjacent compartment in Section 28 is a popular canoe portage.

Fire Protection:

Response times to fires within the compartment will be relatively slow due to its location. Fire operations will be challenging in some areas due to the lack of roads and the number of creeks present. The compartment is comprised mainly of jack pine in varying age classes which could potentially lead to some larger fires due response times, location and this volatile fuel type given the proper weather conditions.

Additional Compartment Information:

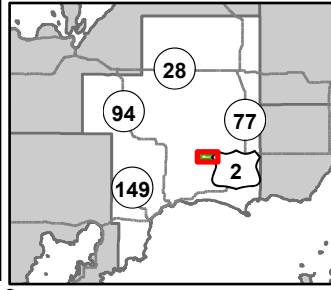
The following reports from the Inventory are attached:

- 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

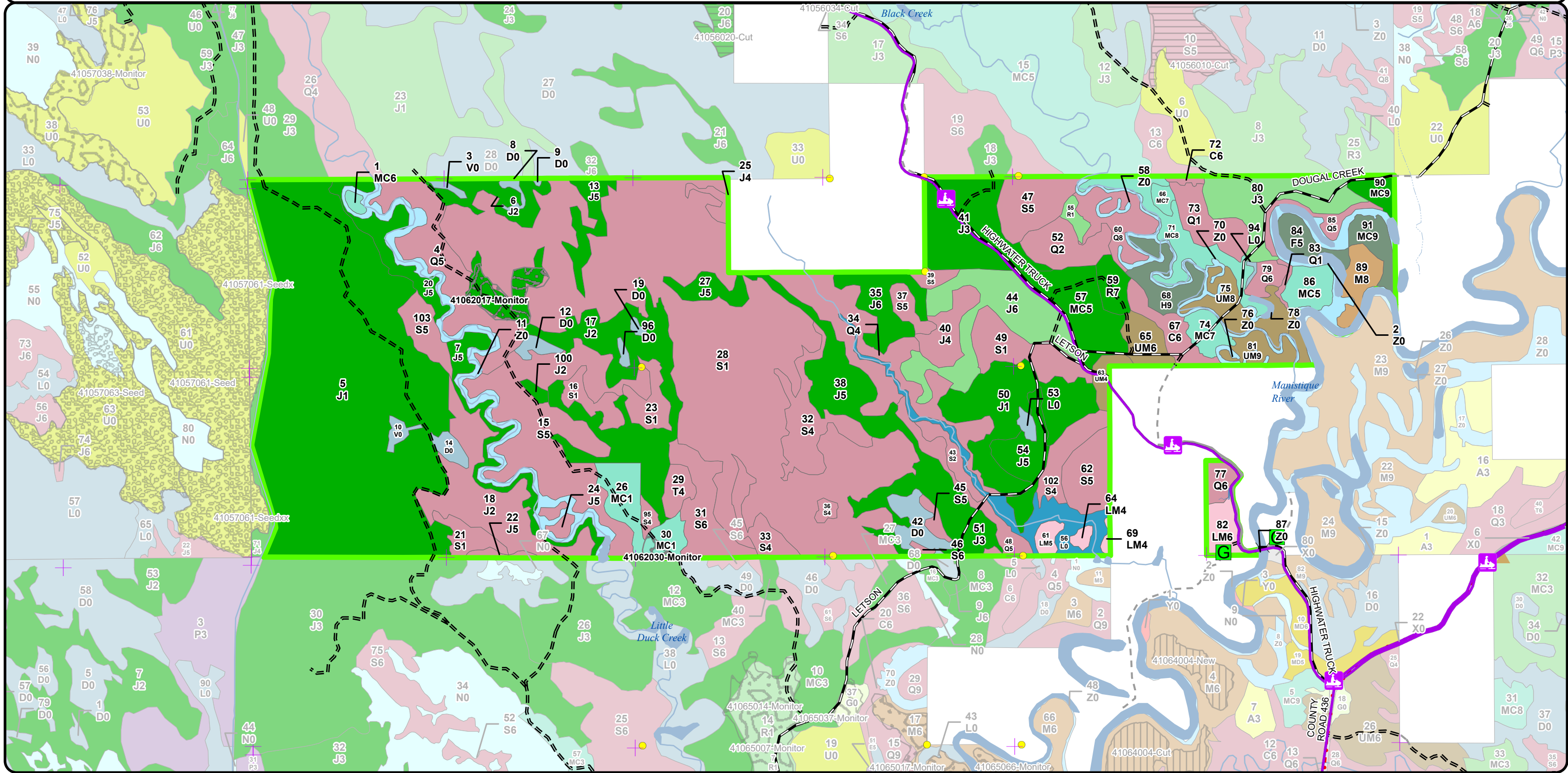


Compartment: 41062
 T43N R14W Sections 28-30
 County: Schoolcraft
 Unit: Shingleton
 Mgmt Area: Seney Lake Plain
 YOE: 2026
 Acres: 1590 GIS Calculated
 Examiner: Sheila Clark
 Map Revised: 08/05/2024
 Map Phase: Web Post

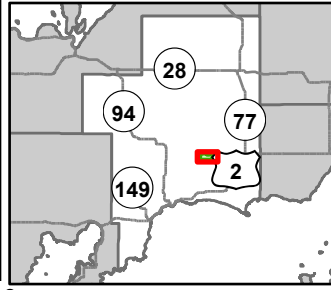


- Berms
- Gate
- Bridges
- Culvert
- Survey Grade Corners
- Remonumented Section Corners
- Snowmobile Trails
- Designated Snowmobile Trails
- DNR - Primary Forest Road
- DNR - Forest Access Route
- County - Gravel Road
- Private - Paved Road
- Private - Dirt / Gravel Road
- Intermittent Stream
- Island in Lake or River
- Lake/Pond

- Perennial River
- Lakes and Rivers
- Compartment Boundary
- Regeneration Survey
- 411 - Northern Hardwood
- 421 - Planted Pines
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 500 - Water
- 622 - Lowland Shrub
- 629 - Mixed Non-forested Wetland



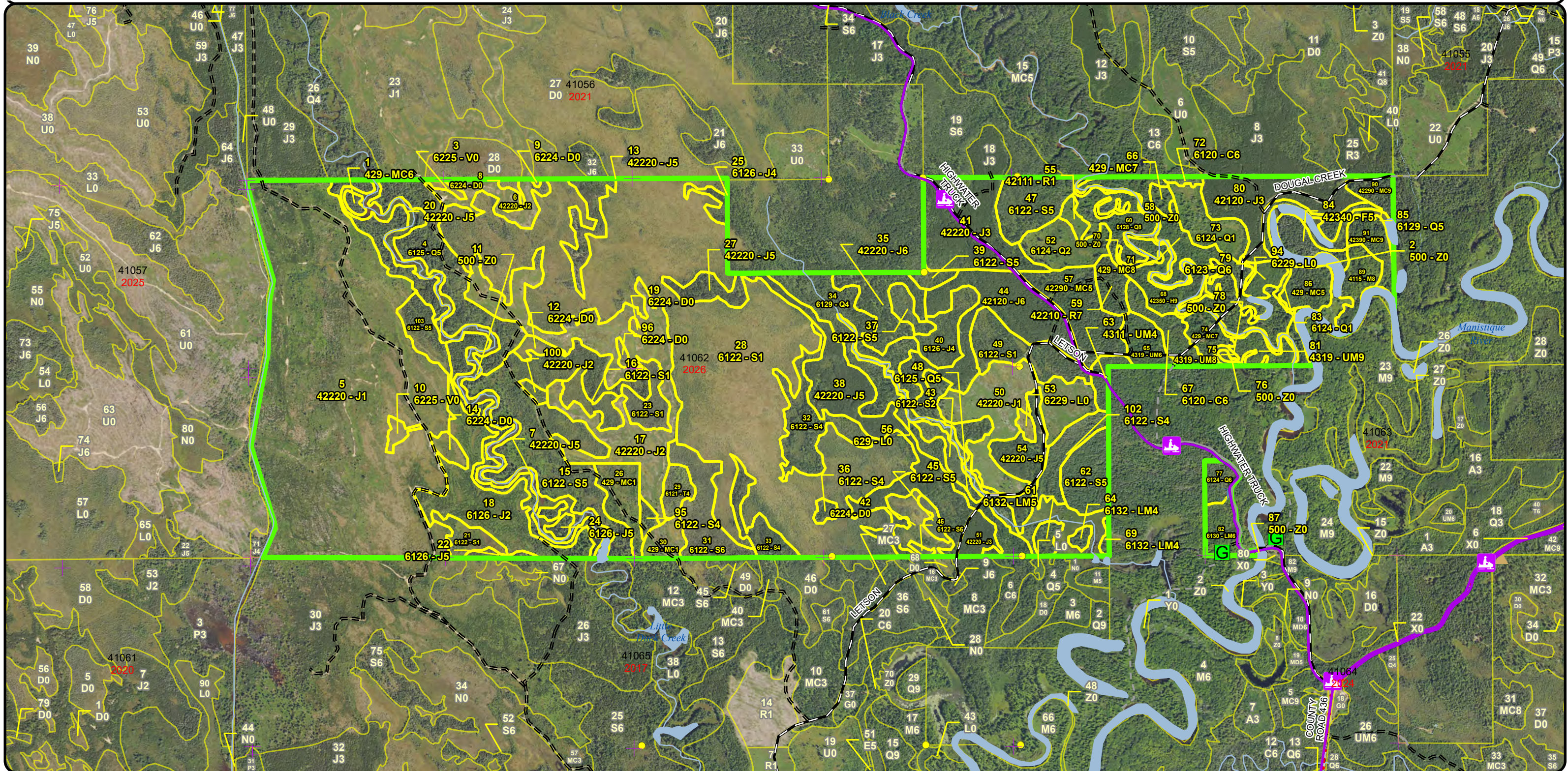
Stand Boundary Map



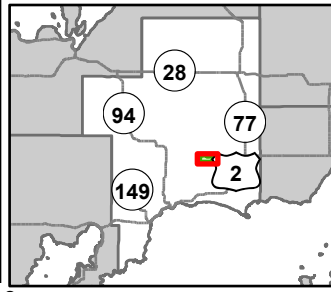
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Special Conservation Areas & Site Conditions Map

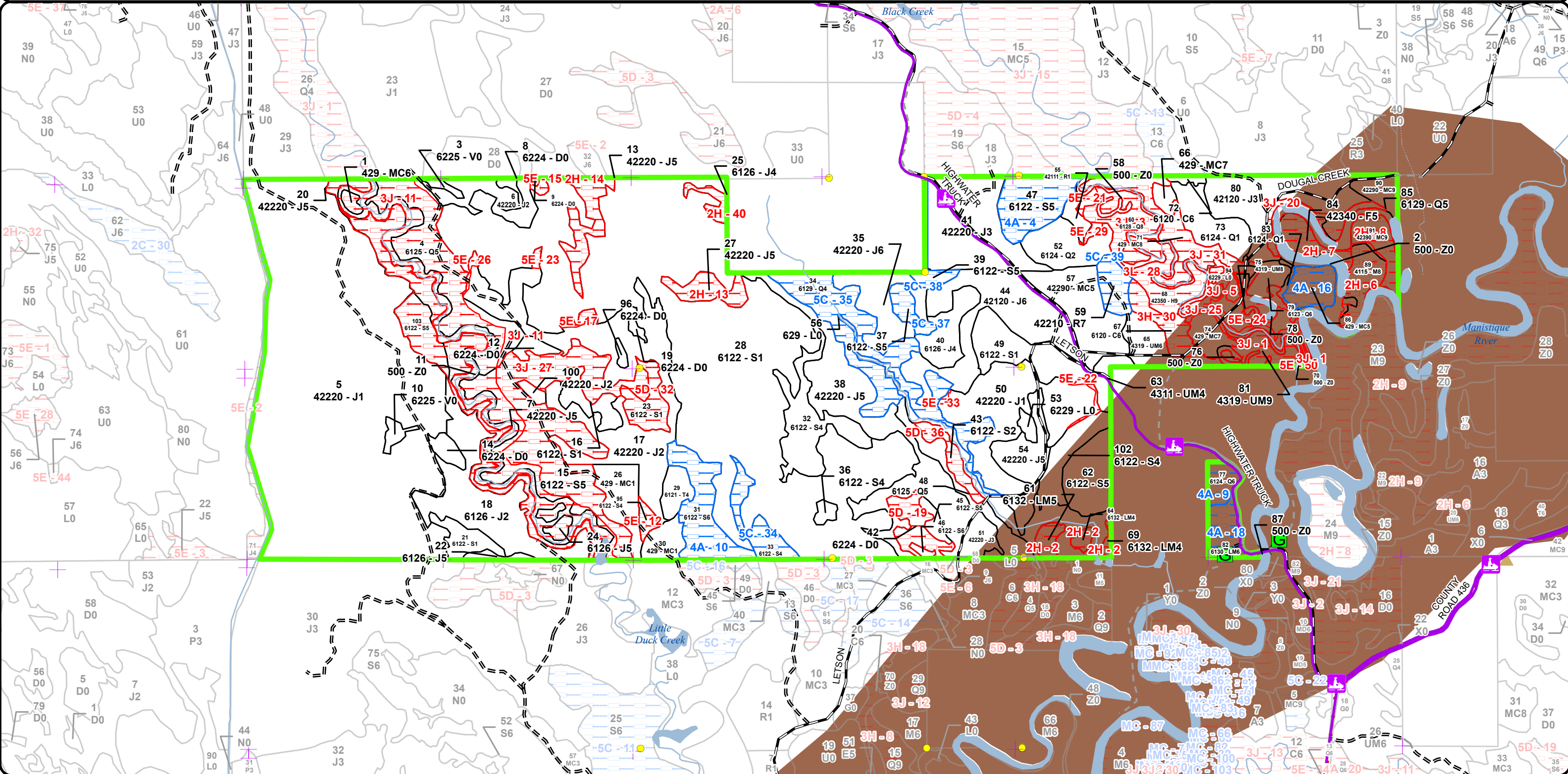
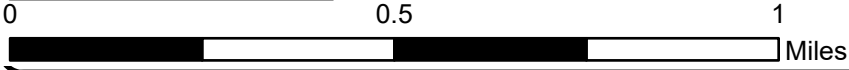


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- Intermittent Stream
- Island in Lake or River
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Compartment Boundary
- Available w/ Constraints

- Unavailable
- 4A: No Markets Available for these Forest Products
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- 3J: Water quality / BMPs (stream, river, or lake)
- 3L: Other wildlife concerns
- 5D: Unproductive Forest Land
- 5E: Long-Term Retention
- Stand Boundaries
- 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
Bog	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Cedar	0	0	0	0	0	0	0	0	0	0	11	0	0	0	0	0	0	0	11
Hemlock	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	12
Jack Pine	0	115	290	64	94	37	0	0	0	51	3	0	0	0	0	0	0	0	653
Lowland Conifers	0	0	27	0	0	4	0	11	0	76	19	0	0	0	0	0	0	0	137
Lowland Mixed Forest	0	0	0	0	0	0	0	6	0	0	8	0	0	0	0	0	0	0	14
Lowland Shrub	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23
Lowland Spruce/Fir	0	0	0	0	281	63	0	2	0	95	35	19	0	0	0	0	0	0	494
Natural Mixed Pines	0	0	0	0	0	22	0	0	6	0	0	0	0	0	0	0	0	0	28
Northern Hardwood	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	9
Red Pine	0	3	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	10
Tamarack	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	5
Treed Bog	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18
Upland Conifers	0	6	12	0	0	0	0	0	0	11	36	0	0	0	0	0	0	0	63
Upland Mixed Forest	0	0	0	0	0	14	0	0	0	14	9	0	0	0	0	0	0	0	37
Upland Spruce/Fir	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	7
Water	62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	62
Total	106	124	329	64	375	140	0	24	13	263	133	19	0	0	0	0	0	0	1586



Report 2 – Treatment Summary

Shingleton Mgt. Unit
Year of Entry: 2026

Acres of Harvest

Compartment 62
Total Compartment Acres: 1,590

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

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	0	0	0	0	0	14	0	0		14
Next Step	0	0	0	0	0	14	0	0		14
Total	0	0	0	0	0	27	0	0		27



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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:

17	41062017-Monitor	11.5	42220 - Natural Jack Pine	Sapling Medium	4	Immature	Monitoring	Artificial Regen(1yr)	4212 - Planted Jack Pine	Even-Aged	No
<p><u>Prescription</u> 1st year regeneration check <u>Specs:</u> <u>Next Step</u> ; Monitoring, Artificial Regen(3yr) <u>Treatments:</u> <u>Acceptable</u> Any current species is acceptable. <u>Regen:</u> <u>Other</u> Percent to Treat = 100% <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2023</p>											
30	41062030-Monitor	2.1	429 - Mixed Upland Conifers	Sapling Poor	9	Immature	Monitoring	Artificial Regen(3yr)	4212 - Planted Jack Pine	Even-Aged	No
<p><u>Prescription</u> 1st year regeneration check <u>Specs:</u> <u>Next Step</u> Monitoring, Artificial Regen(1yr) <u>Treatments:</u> <u>Acceptable</u> Any current species is acceptable. <u>Regen:</u> <u>Other</u> Percent to Treat = 100% <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2025</p>											

Total Treatment Acreage Proposed: 13.6



Availability for Management

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

				4A	5C	2H	3H	3J	3L	5D	5E
3	3	0	0								
11	1	0	10				10	0			
12	0	0	12					0	12		
653	598	1	54	0	1	21		28			5
138	48	43	47	5	38			44			2
14	0	8	6	8		6					
23	22	0	0					0			
495	357	52	87	35	17			71		14	2
28	28	0	0								
9	0	0	9			9					
9	3	7	0		7						0
5	5	0	0								
19	10	0	9							9	
64	26	8	30	8		8		21			
36	19	0	17					15			2
7	0	0	7			7					
62	31	0	31			1		30			0
1,590	1,152	120	318	57	63	52	10	210	12	22	11
	72%	8%	20%								

*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)	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Shingleton Mgt. Unit
Sheila Clark : Examiner

Compartment: 62
Year of Entry: 2026



2	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
3	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	12	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
4	Available	4A: No Markets Available for these Forest Products	16	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	7	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Shingleton Mgt. Unit
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8	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
9	Available	4A: No Markets Available for these Forest Products	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
10	Available	4A: No Markets Available for these Forest Products	19	Unspecified	Unspecified	Unspecified	Unspecified
Comments: This is small unmerchantable spruce.							
11	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	107	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
12	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Retention for Winter Truck Meet							
13	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Was set up in 2019, but not cut.							

Report 4 – Site Conditions

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Compartment: 62
Year of Entry: 2026



14	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Was set up in 2019, but not cut.							
15	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
16	Available	4A: No Markets Available for these Forest Products	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Difficult to access for the amount of volume present.							
17	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
18	Available	4A: No Markets Available for these Forest Products	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
19	Unavailable	5D: Unproductive Forest Land	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
20	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Shingleton Mgt. Unit
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21	Unavailable	5E: Long-Term Retention	1	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
Comments:							
22	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
23	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Long term retention for Winter Truck Meet.							
24	Unavailable	5E: Long-Term Retention	2	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
Comments:							
25	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	1	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
Comments:							
26	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Long Term retention for Winter Truck Meet							
27	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	50	5D: Unproductive Forest Land	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Shingleton Mgt. Unit
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28	Unavailable	3L: Other wildlife concerns	12	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
29	Unavailable	5E: Long-Term Retention	1	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
Comments:							
30	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
31	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	20	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
32	Unavailable	5D: Unproductive Forest Land	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
33	Unavailable	5E: Long-Term Retention	0	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

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34	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
35	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	38	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
36	Unavailable	5D: Unproductive Forest Land	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
37	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
38	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
39	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Shingleton Mgt. Unit
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40	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
50	Unavailable	5E: Long-Term Retention	0	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
Comments:							

Mgt. Unit

Compartment: #Type!

Year of Entry:



Report 5 – PROPOSED SPECIAL CONSERVATION AREA* (SCA) DETAILS

* This is a partial list of SCAs for this compartment. Not included are those areas identified under other Department initiatives (Natural Rivers, Deer Wintering Areas, etc.). Those will be identified in separate, future map and report products.

SCA Name	SCA Category	Detail Type	Recommendation	Acres
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Comments



Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS

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

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

Conservation Area	Type	Description
SCA	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	429 - Mixed Upland Conifers	Poletimber Well	1.5	87	81-110	N/A	Island of pine surrounded by Little Duck Creek. 2023 Stand healthy. Jack pine died out.																																											
		<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>White Pine</td> <td>5</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Black Spruce</td> <td>55</td> <td>Pole</td> <td>6</td> <td>87</td> </tr> <tr> <td>Jack Pine</td> <td>40</td> <td>Pole</td> <td>6</td> <td>87</td> </tr> </tbody> </table>	Canopy Species	% Cover	Size Class	DBH	Age	White Pine	5	Pole/Log	8		Black Spruce	55	Pole	6	87	Jack Pine	40	Pole	6	87			<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>Black Spruce</td> <td>Low</td> <td>< 5 feet</td> <td>Sapling</td> </tr> </tbody> </table>	Sub-Canopy Species	Density	Avg. Height	Size	Black Spruce	Low	< 5 feet	Sapling																	
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Black Spruce	Low	< 5 feet	Sapling																																															
2	500 - Water	Nonstocked	18.7			No	2023 - Manistique River.																																											
3	6225 - Bog	Nonstocked	1.2		Immature	No																																												
4	6125 - Lowland Black Spruce, Jack Pine	Poletimber Medium	31.0	87		N/A	This stand is predominately low ground with not a lot of merchantable volume. Some pockets of high ground.																																											
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6	42220 - Natural Jack Pine	Sapling Medium	12.4	5	Immature	N/A	Harvested in winter 2019, Scarified in September 2019. Very sporadic/poor regeneration. Not a lot of competition. Stand should be replanted. 2023- Stand is starting to fill in. Regeneration is still spotty, but is regenerating the same as the original stand. The higher ground has lots of trees and the lower ground is slowly filling in with black spruce. There are many trees less than a foot tall, but are healthy and growing.																																											
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8	6224 - Treed Bog	Nonstocked	1.5			No	2023 - Dead jack pine. Black spruce starting to grow in. L Labrador tea and sedge.																																											
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13	42220 - Natural Jack Pine	Poletimber Medium	10.5	89	111-140	N/A	Trees are over-mature and starting to die. Many trees are 6 sticks tall. There is also a lot of unmerchantable trees in the stand that will need to be protected.																																														
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15	6122 - Black Spruce	Poletimber Medium	62.2	86	111-140	N/A	This stand has variable stocking and various heights, ranging from 10 feet to 2 stick black spruce. The overall stocking is low and unmerchantable. Stand was harvested in 2010 by Plum Creek. West side of stand is buffer along Little Duck Creek.																																														
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
25	6126 - Lowland Jack Pine	Poletimber Poor	2.9	89	81-110	N/A			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Jack Pine		60	Pole	6	89	Black Spruce	Low	< 5 feet	Sapling
Black Spruce		40	Pole	6		Tag Alder	Low	5 - 10 feet	Tall Shrub
26	429 - Mixed Upland Conifers	Sapling Poor	11.7	14	Immature	N/A	This stand was harvested by Plum Creek before purchase around 2010 based on photos. Left in the overstory are a few red and white pine trees. The other remaining trees are small pockets of submerchantable black spruce.		
Canopy Species		% Cover	Size Class	DBH	Age				
Jack Pine		50	Sapling	1	14				
Balsam Fir		10	Sapling	1					
Black Spruce		25	Sapling/Pole	3					
Tamarack		15	Sapling	1					
							2023 Stand is healthy.		
27	42220 - Natural Jack Pine	Poletimber Medium	7.4	89	111-140	N/A	2023 - Stand was set up with Winter Truck Meet, but was not cut due to access issues.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Jack Pine		90	Pole	8	89	Black Spruce	Low	< 5 feet	Sapling
Black Spruce		10	Pole	6					
28	6122 - Black Spruce	Sapling Poor	274.7	31	Immature	N/A	Trees are denser along timbered stands, but very little wide open spaces.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Jack Pine		10	Sapling	2		Black Spruce	High		Sapling
Black Spruce		90	Sapling/Pole	3	31				
29	6121 - Tamarack	Poletimber Poor	5.4	65	1-50	N/A	2023 low ground. overstory dying. black spruce starting to come in.		
Canopy Species		% Cover	Size Class	DBH	Age				
Tamarack		75	Pole	6	65				
Black Spruce		15	Pole/Sapling	6					
White Pine		10	Pole	8					
30	429 - Mixed Upland Conifers	Sapling Poor	6.3	9	Immature	N/A	2023. Stand is Starting to regenerate Trees are between 1 and 3 Feet. Small seedlings present. Stand part of winter truck meet. Trees are growing on the slightly higher ground. Lower ground is grass and lab tea.		
Canopy Species		% Cover	Size Class	DBH	Age				
Quaking Aspen		10	Sapling	1					
Black Spruce		25	Sapling	1	9				
Tamarack		15	Sapling	1					
White Pine		10	Sapling	1					
Jack Pine		40	Sapling	1	9				
							2023 - Stand is regenerating well, except for south side of the road. Plant to replant spring 2024.Planted in spring 2024		
31	6122 - Black Spruce	Poletimber Well	18.9	107	81-110	N/A	Stand is slow growing black spruce either 1 stick or submerchantable - will probably never be cut.2023. Stand is starting to die. Tmk and black spruce starting to regenerate		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Tamarack		10	Pole	6		Labrador Tea	Low	< 5 feet	Tall Shrub
Jack Pine		5	Pole	6		Tamarack	Low	< 5 feet	Sapling
Black Spruce		85	Pole/Sapling	6	107	Black Spruce	Low	< 5 feet	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																												
32	6122 - Black Spruce	Poletimber Poor	19.9	40	81-110	N/A	Stand was cut about 30 years ago during the winter, leaving the small spruce.																												
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33	6122 - Black Spruce	Poletimber Poor	9.3	85	81-110	N/A	South end of stand was partially cut about 28 years ago with compartment to south. Stand is still jack pine with small diameter. Not enough volume for harvest.																												
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34	6129 - Mixed Coniferous Lowland Forest	Poletimber Poor	38.0	85	81-110	N/A	8-10-16 Merged part of stand 50 into this stand. After timber sale set up it was determined that it was more of a Q type than s type. 2023 Stand looks good. Starting to get seedlings in understory. black spruce, tamarack an white pine.																												
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36	6122 - Black Spruce	Poletimber Poor	1.8	89	51-80	N/A																													
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38	42220 - Natural Jack Pine	Poletimber Medium	45.6	37	111-140	N/A	Part of Nyberg Sale. Jack Pine doing well, though patchy. Lower ground is dominated by black spruce.																												
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
39	6122 - Black Spruce	Poletimber Medium	2.9	85	81-110	N/A	Stand is mainly spruce, but there are pockets of cedar throughout.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Jack Pine		5	Pole	6		Labrador Tea	
Black Spruce		85	Pole	6	85	Black Spruce	
Northern White Cedar		10	Pole	6		Density	
						Avg. Height	
						Size	
						Tall Shrub	
						Sapling	
40	6126 - Lowland Jack Pine	Poletimber Poor	10.9	37	81-110	N/A	Stand was part of Nyberg sale, however, it is lower than surrounding jack pine.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Jack Pine		60	Pole/Sapling	7	37	Black Spruce	
Black Spruce		40	Pole/Sapling	5		Tag Alder	
						Density	
						Avg. Height	
						Size	
						Tall Shrub	
						Sapling	
41	42220 - Natural Jack Pine	Sapling Well	35.5	25	Immature	N/A	2023. stand is healthy
Canopy Species		% Cover	Size Class	DBH	Age		
Jack Pine		80	Sapling	3	25		
Quaking Aspen		15	Sapling	2			
White Pine		5	Log	12			
42	6224 - Treed Bog	Nonstocked	8.7			No	
						Sub-Canopy Species	
						Black Spruce	
						Density	
						Avg. Height	
						Size	
						Sapling	
43	6122 - Black Spruce	Sapling Medium	5.3	85	51-80	N/A	Low ground, submerchantable trees.2023 No change
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Black Spruce		90	Sapling/Pole	4	85	Black Spruce	
Tamarack		5	Sapling/Pole	4		Tag Alder	
Jack Pine		5	Pole	6		Density	
						Avg. Height	
						Size	
						Tall Shrub	
						Sapling	
44	42120 - Planted Jack Pine	Poletimber Well	37.4	44	171-200	N/A	Stand was cut in 1979 and then trenched and planted.
Canopy Species		% Cover	Size Class	DBH	Age		
Black Spruce		5	Pole/Sapling	6			
Jack Pine		90	Pole/Sapling	6	44		
Quaking Aspen		5	Pole/Sapling	6			
45	6122 - Black Spruce	Poletimber Medium	2.5	91	111-140	N/A	Old stand - poor ground and dieing - not merchantable.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Black Spruce		60	Pole/Sapling	5	91	Black Spruce	
Tamarack		5	Sapling	4		Density	
Jack Pine		35	Pole	6		Avg. Height	
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																										
46	6122 - Black Spruce	Poletimber Well	0.8	91	81-110	N/A	Predominately one stick trees, poor quality and dying.																																										
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47	6122 - Black Spruce	Poletimber Medium	16.7	95	111-140	N/A	2023 - Not much Change.																																										
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48	6125 - Lowland Black Spruce, Jack Pine	Poletimber Medium	10.8	67	111-140	N/A																																											
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49	6122 - Black Spruce	Sapling Poor	18.0	44	81-110	N/A	Lower ground than surround harvested area.																																										
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50	42220 - Natural Jack Pine	Sapling Poor	39.2	6	Immature	N/A	(11/19/2018) FTP 16666 was submitted for jack pine regeneration on ridges. Stand was on the list for scarification, however equipment failures prevented this from occurring. Actual acres of upland areas is minimal and access to these areas is difficult. It is a lowland conifer management objective with any species acceptable as regeneration. Next steps was changed from scarification to monitoring during next inventory cycle. If these ridges do not regenerate naturally, they can be hand planted then.[12/20/2018 TI] Stand was cut as part of Duck Creek Sale. Stand was treated under FTP C41-1666. TCR Date 9/26/2018. 2023 - Stand is filling in and healthy. Trees are between 1 and 4 feet. Stand is mostly jack pine, with spruce starting to grow. Also a few red and white pine.																																										
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51	42220 - Natural Jack Pine	Sapling Well	5.7	37	141-170	N/A	Nyberg Sale, jack pine doing well.																																										
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52	6124 - Lowland Spruce-Fir	Sapling Medium	13.7	15	Immature	N/A	This stand is part of Shaky Bridge Sale 41-17-06-01. The White Pine log trees are residual trees left from final harvest. The future stand is the saplings coming up. 2023 stand is filling in well. Looks healthy.																																																	
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53	6229 - Mixed lowland shrub	Nonstocked	1.8			No																																																		
54	42220 - Natural Jack Pine	Poletimber Medium	14.9	37	111-140	N/A	Nyberg Sale, jack pine doing well. 2023 Stand is healthy.																																																	
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55	42111 - Planted Red Pine, Mixed Deciduous	Sapling Poor	2.7	7	Immature	N/A	This stand was harvested in 2009 -part of Shaky Bridge Sale. The overstory is red and white pine, with poorly stocked balsam, white pine, and red pine regeneration underneath. FTP is C41-1285. Stand was cut as part of Duck Creek Mix Sale # 41-017-16-01. TCR Date 9/26/2018. Stand planted under FTP C41-1663.																																																	
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56	629 - Mixed non-forested wetland	Nonstocked	20.3			No																																																		
57	42290 - Natural Mixed Pine	Poletimber Medium	22.2	44	81-110	N/A	Stand was cut in 1979-1980, stand has a heavy aspen component but is lagging behind the jack pine. Stand also has some residual red pine that are more predominant on east side of the stand. Open stand, not heavily stocked.																																																	
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58	500 - Water	Nonstocked	1.1			No	Oxbow.																																																	



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59	42210 - Natural Red Pine	Sawtimber Poor	6.7	80	51-80	N/A																																																						
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60	6128 - Lowland Coniferous, Mixed Deciduous	Sawtimber Medium	14.3	90	171-200	N/A	This stand is a buffer along duck Creek. There are pockets of hemlock, but not solid hemlock.2023 Stand hishealthy. No activity.																																																					
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61	6132 - Mixed Lowland Forest with Cedar	Poletimber Medium	3.2	67	81-110	N/A	Small stand surround by drain/lowground.																																																					
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62	6122 - Black Spruce	Poletimber Medium	14.5	45	81-110	N/A	2013 - This stand is a spruce bog with variable stocking. there are also small pockets of tag alder scattered throughout. The west side of the stand was strip cut in 1979, can't make out the strips very well on the ground other than there is very little of the mature strips left. Manage for the understory. Very low ground. 2023 - Stand is split out from spruce stand to the west. This stand has more merchantable timber and could be cut in the near future.																																																					
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63	4311 - Pine, Aspen Mix	Poletimber Poor	4.6	44	51-80	N/A																																																						
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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64 6132 - Mixed Lowland Forest with Cedar Poletimber Poor 1.6 67 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	5	Pole	6		Black Spruce	Low	< 5 feet	Sapling
Paper Birch	40	Pole	6	67				
Tamarack	5	Pole	6					
Black Spruce	25	Pole	8					
Northern White Cedar	20	Pole	6					
White Pine	5	Log	16					

65 4319 - Mixed Upland Forest Poletimber Well 8.7 44 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
White Pine	5	Log	14		Balsam Fir	Low	< 5 feet	Sapling
Paper Birch	5	Sapling	2					
Jack Pine	5	Sapling	4					
Red Pine	2	Sapling	2					
Quaking Aspen	20	Pole/Sapling	6					
Hemlock	5	Log	14					
Red Maple	10	Pole/Sapling	5					
Red Pine	3	Log	12					
Balsam Fir	20	Pole/Sapling	5	44				
White Pine	5	Sapling	2					
Black Spruce	20	Sapling	2					

Stand was cut in 1979-1980, stand has a heavy aspen component but the diameter is lagging behind jack pine. Stand also has some residual red pine that are more predominant on east side of the stand. Regeneration is approximately 20 feet tall with scattered log trees through the stand.

66 429 - Mixed Upland Conifers Sawtimber Poor 2.4 99 51-80 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	5	Pole	6		Red Maple	Medium	10 - 20 feet	Sapling
White Pine	30	Log	15	99	Balsam Fir	Low	< 5 feet	Seeding
Northern White Cedar	25	Log	10		White Pine	Low	< 5 feet	Seeding
Red Pine	15	Pole	6		Jack Pine	Low	< 5 feet	Seeding
Hemlock	25	Log	12		Red Pine	Low	< 5 feet	Seeding

Stand was part of the Big Duck Creek Sale (1987), Sale was cancelled due to condition of Cookson Bridge. Due to the size and location of stand do a shelterwood seed cut. Will need to be cut in the winter, plant with inmates after sale is complete. Stay a minimum of 25' back from the top of the banks to reduce soil loss and sedimentation. Minimize impact on snowmobile trail as much as possible.

[5-12-06 BB] Stand now on proposal, 41-017-01 Shaky Bridge Sale. Actual acreage is 2 acres. Residual Basal Area = White Pine - 20', Red Pine - 10', Hemlock - 3'.

[12/14/09 BB] Sale now closed, TCR date is 12/1/09, Not certain how stand will be planted with the loss of inmates. Stand was cut summer 2009.

2023 - Stand is slowly starting to fill in. Not the greatest stocking, but does not need any artificial help.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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67 6120 - Lowland Cedar Poletimber Well 10.1 95 141-170 N/A 2023 - stand healthy. No change. Drain through the stand.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Northern White Cedar	50	Pole	6	95	Tag Alder	Medium	5 - 10 feet	Tall Shrub
Balsam Fir	15	Pole	6		Balsam Fir	High	< 5 feet	Sapling
White Pine	5	Log	14					
Black Spruce	25	Pole	6					
Red Maple	5	Pole/Log	8					

68 42350 - Upland Hemlock Sawtimber Well 11.7 97 201+ N/A 2023 - No change. Healthy.

Canopy Species	% Cover	Size Class	DBH	Age
Hemlock	60	Log	14	97
Northern White Cedar	15	Log	10	
Red Maple	10	Pole	8	
White Spruce	5	Log	10	
Yellow Birch	10	Log	12	

69 6132 - Mixed Lowland Forest with Cedar Poletimber Poor 1.0 67 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Northern White Cedar	20	Pole	6		Black Spruce	Low	< 5 feet	Sapling
Red Maple	5	Pole	6					
Tamarack	5	Pole	6					
Paper Birch	40	Pole	6	67				
Black Spruce	25	Pole	8					
White Pine	5	Log	16					

70 500 - Water Nonstocked 10.2 Immature No Duck Creek.

71 429 - Mixed Upland Conifers Sawtimber Medium 19.2 92 111-140 N/A This is a buffer along Duck Creek, full of drains.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	15	Pole	6		Red Maple	Medium	5 - 10 feet	Sapling
Northern White Cedar	20	Log	10	92	Balsam Fir	Medium	< 5 feet	Sapling
White Pine	10	Log	16					
Hemlock	20	Log	14					
Red Pine	5	Log	14					
Black Ash	5	Pole	6					
Red Maple	15	Log/Pole	10					
Paper Birch	10	Pole	6					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																																	
72	6120 - Lowland Cedar	Poletimber Well	1.3	99	111-140	N/A	2023 Small strip of timber. Low ground.																																																																																	
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73	6124 - Lowland Spruce-Fir	Sapling Poor	13.3	15	51-80	N/A	[5-12-06 BB] Stand now on proposal, 41-017-01 Shaky Bridge Sale. Actual acreage is 14 acres. Residual Basal Area = Hemlock - 30'. [12/14/09 BB] Sale now closed, TCR date is 12/1/09, much of the hemlock will likely blow down. Stand was cut summer 2009.																																																																																	
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74	429 - Mixed Upland Conifers	Sawtimber Poor	6.5	95	51-80	N/A	Stand was cut as part of Duck Creek Mix Sale #41-017-06-01. Payment Unit 4 of Duck Creek Mix Sale. Residual BA = cedar 8', oak 3', white pine 8', hardwood 21'. TCR Date 9/26/2018. 2023- Regen is starting tofill in. Remove regen monitoring no activity																																																																																	
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77	6124 - Lowland Spruce-Fir	Poletimber Well	5.3	90	111-140	N/A	2013 -Stand is mostly small diameter black spruce. There is a vernal pond near the road edge. there is a road through the stand to access private. Not ready for harvest due to low basal area.																																																								
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80	42120 - Planted Jack Pine	Sapling Well	28.0	25	141-170	N/A	PART OF "BRIDGE OVER DUCK SALE". Scarified August 1999 Schedule regen check summer 2001[6-25-04 BB] Stand was counted in 2003 showing adequate stocking 735tpa. Ftp # C41-770 is now closed.2023 - Stand looks healthy and well-stocked. Some trees are becoming merchantable.																																																								
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81	4319 - Mixed Upland Forest	Sawtimber Well	8.9	99	111-140	N/A	2023.stand is healthy. access makes harvest very difficult. Balsam fir is filling in the understory.																																																								
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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82	6130 - Fir, Aspen, Maple	Poletimber Well	8.2	92	81-110	N/A	2013 Parts of the stand were cut around 30 years ago. 2023 - Stand is healthy. Not much Change last entry. Stand half upland, half lowland. If ever harvested would have to be in the winter due to swales.
Canopy Species	% Cover	Size Class	DBH	Age			
Red Maple	20	Pole	8				
Black Spruce	20	Pole/Sapling	6				
Yellow Birch	10	Log/Pole	12				
Hemlock	10	Log	14				
Balsam Fir	20	Pole/Sapling	6				
Sugar Maple	20	Log/Pole	12	92			
Sub-Canopy Species	Density	Avg. Height	Size				
Tag Alder	Medium	5 - 10 feet	Tall Shrub				
Balsam Fir	High	10 - 20 feet	Sapling				

83	6124 - Lowland Spruce-Fir	Sapling Poor	1.2	80	1-50	N/A	Drains and ponds scattered. Mostly submerchantable.
Canopy Species	% Cover	Size Class	DBH	Age			
Quaking Aspen	20	Sapling/Pole	4				
Balsam Fir	30	Sapling/Pole	4	80			
Black Spruce	30	Sapling/Pole	4				
Red Maple	20	Sapling/Pole	4				
Sub-Canopy Species	Density	Avg. Height	Size				
Tag Alder	Medium	< 5 feet	Tall Shrub				

84	42340 - Upland Spruce/Fir	Poletimber Medium	7.0	77	81-110	N/A	2023 - Stand is healthy.
Canopy Species	% Cover	Size Class	DBH	Age			
Red Maple	5	Pole	6				
Balsam Fir	20	Pole/Sapling	6				
Black Spruce	25	Pole	6				
White Spruce	25	Pole/Log	8	77			
Jack Pine	20	Pole	6	77			
White Pine	5	Log	16				
Sub-Canopy Species	Density	Avg. Height	Size				
Balsam Fir	High	10 - 20 feet	Sapling				

85	6129 - Mixed Coniferous Lowland Forest	Poletimber Medium	5.7	80	81-110	N/A	2013 - Part of this stand is a steep cliff that goes down into the oxbow. This is part of a buffer along an oxbow.2023 - No change.
Canopy Species	% Cover	Size Class	DBH	Age			
Northern White Cedar	20	Pole	8	80			
Red Pine	5	Pole	8				
White Pine	15	Log/Pole	12				
Jack Pine	10	Pole	8				
Paper Birch	10	Pole	8				
Black Spruce	20	Pole	6				
Balsam Fir	20	Pole	6				
Sub-Canopy Species	Density	Avg. Height	Size				
White Pine	Low	< 5 feet	Sapling				
Black Spruce	Medium	< 5 feet	Sapling				
Tag Alder	Medium	< 5 feet	Tall Shrub				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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86	429 - Mixed Upland Conifers	Poletimber Medium	8.5	84	111-140	N/A	2023 - Upland mixed conifer. The balsam is smaller than the other species. There are a lot of sub-merchantable/advanced regeneration.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Paper Birch		10	Pole	6		Balsam Fir		High	10 - 20 feet	Tall Shrub
Black Spruce		10	Pole	6						
White Pine		10	Log	14						
Red Pine		10	Log	14						
Balsam Fir		40	Pole	6	84					
Red Maple		10	Pole	8						
Jack Pine		10	Log/Pole	10						

87	500 - Water	Nonstocked	0.1			No	Manistique River
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89	4115 - Y.Birch, Hemlock NH	Sawtimber Medium	9.1	89	111-140	N/A	2023 - Stand is healthy. No access, surrounded by water. Oak is on southern tip of the stand.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Yellow Birch		10	Log	14		Beech		Low	5 - 10 feet	Sapling
Hemlock		20	XLog/Log	18		Balsam Fir		Low	5 - 10 feet	Sapling
Bur Oak		10	Pole	6						
Red Maple		30	Log	12	89					
Sugar Maple		30	Log	14						

90	42290 - Natural Mixed Pine	Sawtimber Well	5.6	71	81-110	N/A				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Balsam Fir		10	Pole	6		Balsam Fir		Low	10 - 20 feet	Sapling
White Pine		10	Log	10		Jack Pine		Low	10 - 20 feet	Sapling
Hemlock		5	Log/Pole	12						
Jack Pine		35	Pole	8						
Red Pine		40	Log	16	71					

91	42390 - Mixed Non-Pine Upland Conifers	Sawtimber Well	8.2	93	111-140	N/A	2023 Stand is healthy. Still Factor limited due to access. Surrounded by water.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Paper Birch		10	Pole	8		Balsam Fir		Low	5 - 10 feet	Sapling
White Spruce		5	Log	10		Balsam Fir		Medium	10 - 20 feet	Pole
Black Spruce		10	Pole	6						
White Pine		10	Log	14						
Northern White Cedar		5	Pole	6						
Balsam Fir		20	Pole	8	93					
Yellow Birch		5	Log	12						
Red Maple		10	Pole	6						
Hemlock		25	Log	12	93					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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94 6229 - Mixed lowland shrub Nonstocked 0.5 0 No 2023 - Low ground non- forested. May affect access to other stands.

95 6122 - Black Spruce Poletimber Poor 2.1 65 81-110 N/A Variable ground - mostly low, though some pockets of merchantability, not enough to harvest. Lots of submerchantable black spruce.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	10	Pole	6	
Tamarack	25	Sapling/Pole	4	
White Pine	15	Pole	8	
Black Spruce	50	Pole/Sapling	6	65

96 6224 - Treed Bog Nonstocked 1.0 No

Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	Medium		Sapling

100 42220 - Natural Jack Pine Sapling Medium 1.5 14 Immature N/A

Canopy Species	% Cover	Size Class	DBH	Age
Black Spruce	35	Sapling	4	14
Tamarack	5	Sapling	4	
Jack Pine	60	Sapling	4	14

Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	Low	5 - 10 feet	Sapling
Labrador Tea	Low	< 5 feet	Tall Shrub
Jack Pine	Low	< 5 feet	Sapling

This stand has variable stocking and various heights, ranging from 10 feet to 2 stick black spruce. The overall stocking is low and unmerchantable. Stand was harvested in 2010 by Plum Creek. West side of stand is buffer along Little Duck Creek.

102 6122 - Black Spruce Poletimber Poor 10.3 45 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age
Tamarack	15	Pole	6	
Black Spruce	80	Pole/Sapling	6	45
Northern White Cedar	5	Pole	6	

Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	Low	< 5 feet	Sapling
Tag Alder	Medium	5 - 10 feet	Tall Shrub

This stand is a spruce bog with variable stocking. there are also small pockets of tag alder scattered throughout. The west side of the stand was strip cut in 1979, can't make out the strips very well on the ground other than there is very little of the mature strips left. Manage for the understory. Very low ground.

103 6122 - Black Spruce Poletimber Medium 9.1 87 81-110 N/A

Canopy Species	% Cover	Size Class	DBH	Age
Black Spruce	80	Pole	6	87
Jack Pine	15	Pole	8	87
White Pine	5	Log	10	

Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	Low	< 5 feet	Sapling
White Pine	Low	< 5 feet	Sapling
Red Pine	Low	< 5 feet	Sapling

Stand is buffer along Little Duck Creek.

2023 Jack pine is starting to die, overmature.