



Compartment Review Presentation

Shingleton Forest Management Unit

Compartment 41033

Entry Year 2018

Acreage: 1,606

County Schoolcraft

Management Area: Seney Manistique Swamp

Revision Date: 2016-08-31

Stand Examiner: Adam Petrelius

Legal Description:

T44N R16W Sections 28, 29, 30

Identified Planning Goals:

The main goal of this compartment is to conduct multiple resource management for current and future generations.

Soil and topography:

The topography in this compartment is mostly flat with slight elevation changes. Mixed pine species and lowland conifer are the predominant forest types located on the soils. The major soil types found within the compartment, in order of abundance, are Markey Mucky Peat, Carbondale-Lupton-Tawas, and Rousseau-Neconish-Deford Complex. The major habitat types within the compartment are PARVAa, unclassified wetland, PARV, and PVE.

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

State land within the compartment was acquired between 1906 and 1942. Most of the compartment is bordered by state land. The western boundary borders Hiawatha National Forest. a few private parcels exist adjacent to the compartment.

Unique Natural Features:

None known.

Archeological, Historical, and Cultural Features:

None known.

Special Management Designations or Considerations:

There are no Special Conservation Areas located within the compartment.

Watershed and Fisheries Considerations:

This compartment contains the Big Ditch which serves as a tributary to Indian Lake. In addition, this compartment contains Stutts Creek which serves as a tributary to the West Branch of the Manistique River. For all riparian areas, Best Management Practices should be followed to reduce erosion into waterbodies.

Wildlife Habitat Considerations:

The wildlife habitat goals for this compartment include providing age and structural diversity within the lowland conifer community, maintaining travel corridors, and protecting sources of hard mast. Variable retention principles will be employed in each stand scheduled for final harvest. This compartment lies within the Seney/Manistique Swamp Management Area and the featured species within this MA are American beaver, moose, ruffed grouse, sharp-tailed grouse, snowshoe hare, and white-tailed deer.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of lacustrine (lake) sand and gravel. There is insufficient data to determine the glacial drift thickness. The Ordovician Utica Shale subcrops below the glacial drift. There is not a current economic use for the Utica. Gravel pits are not located in the area and potential appears to be limited. There is no commercial oil and gas production in the UP.

Vehicle Access:

There are only 2 main forest roads located within the compartment. One is the South Stutts Creek Road, and it travels northwest through the eastern portion of the compartment. The second road travels northwest through the center of the compartment. Most of the compartment is low ground and vehicle access is minimal. Neither of the roads is plowed, and winter access is by snowmobile only.

Survey Needs:

Survey work is needed as some prescribed stands are adjacent to private parcels.

Recreational Facilities and Opportunities:

There are no recreational facilities located within the compartment. Fishing opportunities are present on Stutts Creek. Opportunities for hunting and other forms of recreational activity exist within the compartment.

Fire Protection:

Response time to fires within this compartment will be slow to moderate. The compartment is located approximately half way between Shingleton and Thompson offices. It lacks a well established road system, and most of the compartment is low ground. The compartment only has 1 water source, Stutts Creek. About 2/3 of this compartment is lowland with peat soil types.

Additional Compartment Information:

The following reports from the Inventory are attached:

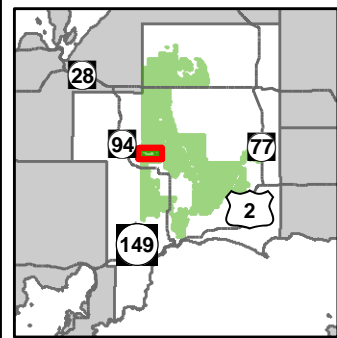
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

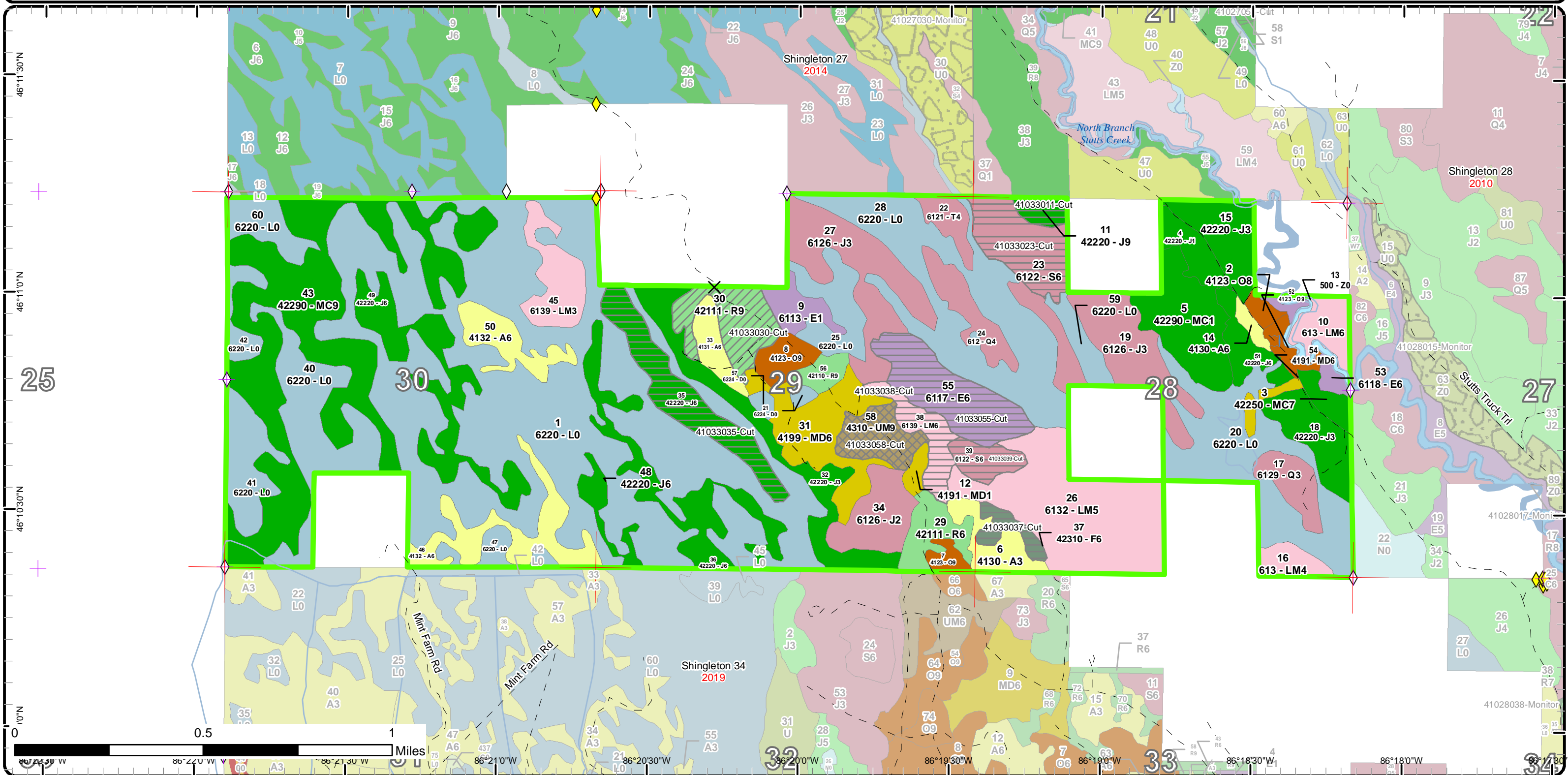
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

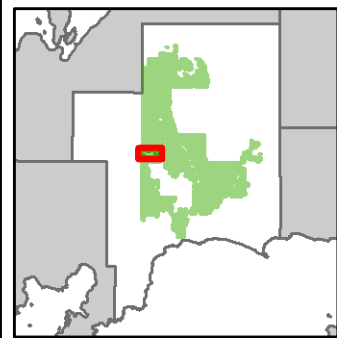
Compartment: 33
 T44N, R16W, Sec: 28-30
 County: Schoolcraft
 Unit: Shingleton
 Mgmt Area: Seney Manistique Swamp
 YOE: 2018
 Acres: 1,606 GIS Calculated
 Examiner: Adam Petrelius
 Map Revised: 12/6/2016
 Map Phase: Post Review



- Miris Corners
- + Remonumented Section Corners
- ◆ Survey Grade GPS Corners
- ◇ Field Grade GPS Corners
- X Gate
- Culverts
- Poor Dirt Roads
- Rivers
- Compartment Boundary
- Selection (Group, Single Tree)
- Clearcut (w/Reserves)
- Thinning (Crown, Low, Systematic)
- 412 - Oak Types
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 500 - Water
- 622 - Lowland Shrub
- Lakes

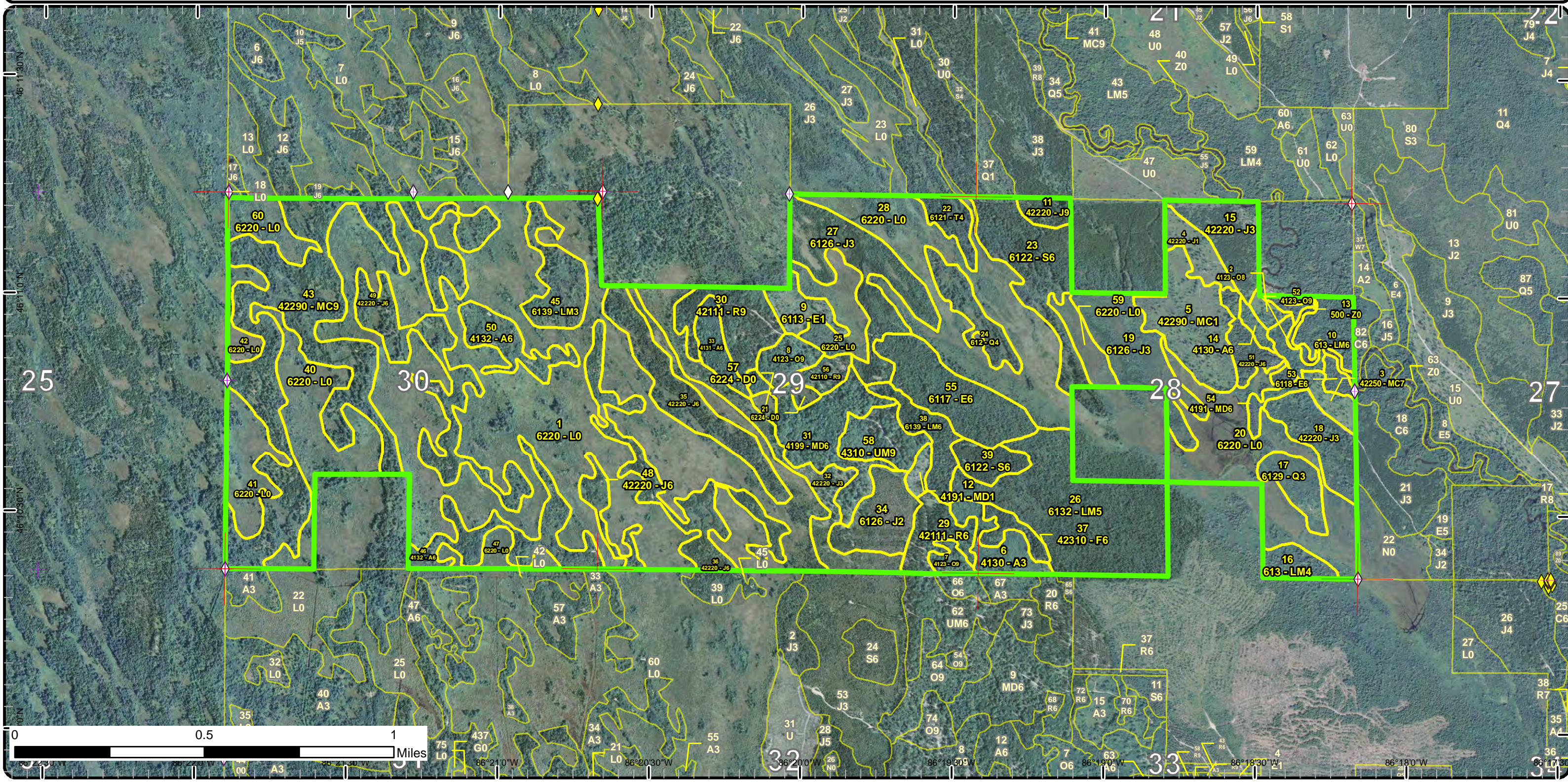


Stand Boundary Map



Compartment: 33
 T44N, R16W, Sec: 28-30
 County: Schoolcraft
 Unit: Shingleton
 Mgmt Area: Seney Manistique Swamp
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- Miris Corners
- + Remonumented Section Corners
- ◆ Survey Grade GPS Corners
- ◇ Field Grade GPS Corners
- ▭ Compartment Boundary
- ▭ Stand Boundaries
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 500 - Water
- 622 - Lowland Shrub
- 412 - Oak Types
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest



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	14	0	54	0	3	0	0	0	0	0	0	0	0	0	0	0	0	71
Jack Pine	0	11	57	199	0	12	0	32	6	0	0	0	0	0	0	0	0	0	316
Lowland Conifers	0	0	0	13	0	0	0	0	15	0	0	0	0	0	0	0	0	0	28
Lowland Deciduous	0	0	0	0	0	10	0	6	36	0	0	0	0	0	0	0	0	0	52
Lowland Mixed Forest	0	0	0	21	0	0	9	0	92	13	0	0	0	0	0	0	0	0	134
Lowland Shrub	628	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	628
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	48	0	0	0	0	0	0	0	0	0	48
Mixed Upland Deciduous	0	4	0	36	0	0	0	0	4	0	0	0	0	0	0	0	0	0	44
Natural Mixed Pines	0	35	0	0	0	0	0	134	0	7	0	0	0	0	0	0	0	0	175
Oak	0	0	0	0	0	0	0	0	0	23	0	0	0	0	0	0	0	0	22
Red Pine	0	0	0	0	0	0	45	0	0	0	0	0	0	0	0	0	0	0	45
Tamarack	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	9
Treed Bog	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Upland Mixed Forest	0	0	0	0	0	0	17	0	0	0	0	0	0	0	0	0	0	0	16
Upland Spruce/Fir	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	7
Water	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Total	637	64	57	323	0	32	71	172	206	47	0	0	0	0	0	0	0	0	1604



Report 2 – Treatment Summary

Shingleton Mgt. Unit
Year of Entry: 2018

Acres of Harvest

Compartment 33
Total Compartment Acres: 1,606

Commercial Harvest - 173
Harvests with Site Condition - 0
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	38	0	0	0	0	0	0	0	0	38
Lowland Deciduous	36	0	0	0	0	0	0	0	0	36
Lowland Mixed Forest	15	0	0	0	0	0	0	0	0	15
Lowland Spruce/Fir	38	0	0	0	0	0	0	0	0	38
Red Pine	0	0	0	0	0	24	0	0	0	24
Upland Mixed Forest	0	17	0	0	0	0	0	0	0	17
Upland Spruce/Fir	7	0	0	0	0	0	0	0	0	7
Total	133	17	0	0	0	24	0	0	0	173

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	173	0	0	0	0	0	0	0	0	173
Next Step	0	83	55	0	0	0	232	0	0	370
Total	173	83	55	0	0	0	232	0	0	543



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
11	41033011-Cut	6.0	42220 - Natural Jack Pine	Sawtimber Well	78	81-110	Harvest	Clearcut with Retention	4222 - Natural Jack Pine	Even-Aged	Draft Field Boundary

Habitat Cut: No**Site Condition:**

Prescription Cut all trees down to 2 inches except hemlock and oak. Leave a few red pine / white pine for seed.

Specs:

Next Step SitePrep, Scarification; Monitoring, Natural Regen (Intermediate); SitePrep, Trenching; Planting, Initial Plant; Monitoring, Artificial Regen(1yr);

Treatments: Monitoring, Artificial Regen(3yr)

Acceptable any species onsite - however stand will be scarified to promote pine regeneration

Regen:

Other

Comment:

Proposed Start Date: 10/01/2017

23	41033023-Cut	28.0	6122 - Black Spruce	Poetimber Well	78	81-110	Harvest	Clearcut with Retention	6122 - Black Spruce	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Cut all trees except hemlock and oak if present. Finger extending south was removed from treatment boundary for retention.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable any species onsite

Regen:

Other

Comment:

Proposed Start Date: 10/01/2017

30	41033030-Cut	23.8	42111 - Planted Red Pine, Mixed Deciduous	Sawtimber Well	55	111- 140	Harvest	Systematic Thinning	4211 - Planted Red Pine	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Cut all species except hemlock and oak. Row thin red pine. Overall residual may be low due to the many open areas and other species present. Try to

Specs: keep the red pine basal area as high as possible while still allowing operability. Remove suppressed pine located under oak trees.

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/01/2017

35	41033035-Cut	31.9	42220 - Natural Jack Pine	Poetimber Well	64	81-110	Harvest	Clearcut with Retention	4222 - Natural Jack Pine	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Cut all trees except hemlock and oak. Leave some large canopy red pine also. Retention can be placed along the edge since stand is surrounded by marsh.

Specs:

Next Step SitePrep, Scarification; Monitoring, Natural Regen (Intermediate); SitePrep, Trenching; Planting, Initial Plant; Monitoring, Artificial Regen(1yr);

Treatments: Monitoring, Artificial Regen(3yr)

Acceptable any species onsite

Regen:

Other

Comment:

Proposed Start Date: 10/01/2017



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
37	41033037-Cut	6.8	42310 - Planted Spruce	Poletimber Well	48	111-140	Harvest	Clearcut with Retention	412 - Oak Types	Even-Aged	Draft Field Boundary

Habitat Cut: No**Site Condition:**

Prescription Pre-salvage harvest for SBW. Cut all trees except hemlock and oak if present. Less than 3% retention is acceptable. slash should be piled to ease planting efforts.

Next Step Planting, Initial Plant; SitePrep, Trenching; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr)

Acceptable any species onsite, but oak will be planted

Other
Comment:

Proposed Start Date: 10/01/2017

38	41033038-Cut	14.8	6139 - Mixed Lowland Forest	Poletimber Well	76	81-110	Harvest	Clearcut with Retention	613 - Lowland Mixed Forest	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Cut all trees except hemlock and oak if present. Mixed aspen and pine are located on the base of the hill which should be harvested also.

Next Step Monitoring, Natural Regen (Re-Inventory)

Acceptable any species onsite

Other
Comment:

Proposed Start Date: 10/01/2017

39	41033039-Cut	10.0	6122 - Black Spruce	Poletimber Well	76	81-110	Harvest	Clearcut with Retention	6122 - Black Spruce	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Cut all trees except hemlock and oak if present. A clump of cedar exists in the SE and should be excluded as retention.

Next Step Monitoring, Natural Regen (Re-Inventory); Planting, Initial Plant

Acceptable any species onsite

Other Plant oak on ridges.
Comment:

Proposed Start Date: 10/01/2017

55	41033055-Cut	35.6	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Well	76	81-110	Harvest	Clearcut with Retention	611 - Lowland Deciduous Forest	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Cut all trees except hemlock and oak if present. Retention can be placed along the marsh edge.

Next Step Monitoring, Natural Regen (Re-Inventory)

Acceptable any species onsite

Other
Comment:

Proposed Start Date: 10/01/2017



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
58	41033058-Cut	16.5	4310 - Pine, Oak Mix	Sawtimber Well	55	81-110	Harvest	Single Tree Selection	412 - Oak Types	Even-Aged	Draft Field Boundary

Habitat Cut: No**Site Condition:**

Prescription Cut all species except hemlock and oak. Thin red pine where needed. Promote oak regeneration. This can be accomplished by: Discouraging aspen regeneration by leaving basal area high where clones exist, removing suppressed pine under oak, removing pine overtopping advanced oak regen.,
Specs: protect oak regen with timbersale spec, and making large gaps in areas of pure oak, Oak should only be marked for operability or in areas where regeneration holes are desired.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable any species on site, however goal of marking is to discourage aspen regeneration and promote oak.

Regen:OtherComment:

Proposed Start Date: 10/01/2017

**Total Treatment
Acreage Proposed: 173.4**

Report 4 – Site Conditions

Shingleton Mgt. Unit
Adam Petrelius : Examiner

Compartment: 33
Year of Entry: 2018

Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	5B	2G	3J	5E
		With Condition	Not Available					
71	71	0	0	Aspen				
317	314	0	2	Jack Pine			2	
28	28	0	0	Lowland Conifers				
52	46	0	6	Lowland Deciduous			6	
134	121	0	13	Lowland Mixed Forest			13	
628	628	0	0	Lowland Shrub				
48	38	0	10	Lowland Spruce/Fir				10
43	8	36	0	Mixed Upland Deciduous	36			
175	169	7	0	Natural Mixed Pines	7			
23	10	10	4	Oak	10		4	
45	45	0	0	Red Pine				
9	0	0	9	Tamarack		9		
4	4	0	0	Treed Bog				
17	17	0	0	Upland Mixed Forest				
7	7	0	0	Upland Spruce/Fir				
5	0	0	5	Water			5	
1,606	1,506	52	48	Total Forested Acres	52	9	29	10
	94%	3%	3%	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)	27	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
2	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Shingleton Mgt. Unit
Adam Petrelius : Examiner

Compartment: 33
Year of Entry: 2018

3	Available	5B: Maintain for regeneration purposes	45	Unspecified	Unspecified	Unspecified	Unspecified
Comments: A larger than normal canopy percentage of oak is desired and will be retained for another 10 years at least while understory grows.							
4	Unavailable	5E: Long-Term Retention	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Available	5B: Maintain for regeneration purposes	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments: A larger than normal canopy percentage of oak is desired and will be maintained.							
6	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	9	Unspecified	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
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
2	4123 - Red Oak	Sawtimber Medium	3.4	81	51-80	
3	42250 - Pine, Oak	Sawtimber Poor	6.8	81	1-50	Cut in 2010, and then scarified.
4	42220 - Natural Jack Pine	Sapling Poor	11.0	6	1-50	Scarified in 2010. Passed regeneration check.
5	42290 - Natural Mixed Pine	Sapling Poor	34.5	6	1-50	
6	4130 - Aspen	Sapling Well	14.0	6	1-50	
7	4123 - Red Oak	Sawtimber Well	4.5	81	81-110	harvested in 08, residual was 88 feet of oak
8	4123 - Red Oak	Sawtimber Well	9.7	81	51-80	Cut in 2011. Aspen and red maple will likely take over site where it is open and out compete the oak.
9	6113 - Lowland Maple	Sapling Poor	10.3	41	1-50	Stand passed regeneration count. Overstory is submerchantable red maple that was left from harvest.
10	613 - Lowland Mixed Forest	Poletimber Well	13.0	81	51-80	
11	42220 - Natural Jack Pine	Sawtimber Well	6.0	78	81-110	
12	4191 - Mixed Upland Deciduous with Conifer	Sapling Poor	3.8	3	1-50	passed regeneration check. scarified in 2013 and planted in 2014
14	4130 - Aspen	Poletimber Well	3.2	44	51-80	
15	42220 - Natural Jack Pine	Sapling Well	21.2	24	1-50	
16	613 - Lowland Mixed Forest	Poletimber Poor	8.6	51	1-50	
17	6129 - Mixed Coniferous Lowland Forest	Sapling Well	12.8	24	1-50	
18	42220 - Natural Jack Pine	Sapling Well	20.9	24	1-50	
19	6126 - Lowland Jack Pine	Sapling Well	32.7	24	1-50	A camp was built within this stand. It has been removed and placed on the adjacent private parcel.



S t a n d	Shingleton Mgt. Unit		Report 7 – Forested Stands			Compartment: 33 Year of Entry: 2018
	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
22	6121 - Tamarack	Poletimber Poor	8.9	70	1-50	saw stand from the edge of stand 23. water was too deep to cross over. stand looked sparse, low volume, and wet. Not worth crossing over there to cut it.
23	6122 - Black Spruce	Poletimber Well	38.0	78	81-110	
24	612 - Lowland Coniferous Forest	Poletimber Poor	15.1	70	1-50	
26	6132 - Mixed Lowland Forest with Cedar	Poletimber Medium	77.1	71	51-80	wet, could possibly delineate some pockets to cut next yoe
27	6126 - Lowland Jack Pine	Sapling Well	43.9	26	1-50	
29	42111 - Planted Red Pine, Mixed Deciduous	Poletimber Well	15.0	54	81-110	row thinned in 2012. overall residual was 56 pine and 20 oak.
30	42111 - Planted Red Pine, Mixed Deciduous	Sawtimber Well	23.8	55	111-140	
31	4199 - Other Mixed Upland Deciduous	Poletimber Well	35.6	24	51-80	
32	42220 - Natural Jack Pine	Sapling Well	34.5	17	1-50	scarified in 1999
33	4131 - Aspen, Oak	Poletimber Well	10.2	25	1-50	
34	6126 - Lowland Jack Pine	Sapling Medium	21.8	17	1-50	cut in 1999. lots of scattered mature jack pine left in wet areas. portions are treed bog also.
35	42220 - Natural Jack Pine	Poletimber Well	31.9	64	81-110	
36	42220 - Natural Jack Pine	Poletimber Well	34.8	26	1-50	Stand was cut in 1994 for sharptail management.
37	42310 - Planted Spruce	Poletimber Well	6.8	48	111-140	
38	6139 - Mixed Lowland Forest	Poletimber Well	14.8	76	81-110	
39	6122 - Black Spruce	Poletimber Well	10.0	76	81-110	
43	42290 - Natural Mixed Pine	Sawtimber Well	134.2	65	51-80	
45	6139 - Mixed Lowland Forest	Sapling Well	20.5	24	1-50	

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Shingleton Mgt. Unit

Report 7 – Forested Stands

Compartment: 33
Year of Entry: 2018

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
46	4132 - Aspen, Jack Pine	Poletimber Well	28.1	26	1-50	Stand was cut in 1994 for sharptail management.
48	42220 - Natural Jack Pine	Poletimber Well	8.1	26	1-50	
49	42220 - Natural Jack Pine	Poletimber Well	37.8	26	1-50	
50	4132 - Aspen, Jack Pine	Poletimber Well	16.1	26	1-50	
51	42220 - Natural Jack Pine	Poletimber Well	11.8	44	81-110	Stand has an old beaver dam located in it and multiple drainages.
52	4123 - Red Oak	Sawtimber Well	5.6	81	81-110	
53	6118 - Lowland Deciduous with Cedar	Poletimber Well	5.7	65	51-80	
54	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	4.1	81	51-80	
55	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Well	35.6	76	81-110	
56	42110 - Planted Red Pine	Sawtimber Well	6.6	55	51-80	cut in 2011
58	4310 - Pine, Oak Mix	Sawtimber Well	16.5	55	81-110	



Stand	Cover Type	Acres	Managed Site	General Comments:
1	6220 - Alder/willow	347.8	No	
13	500 - Water	4.6	No	
20	6220 - Alder/willow	67.1	No	
21	6224 - Treed Bog	2.0	No	
25	6220 - Alder/willow	20.0	No	
28	6220 - Alder/willow	84.9	No	
40	6220 - Alder/willow	45.0	No	
41	6220 - Alder/willow	22.5	No	
42	6220 - Alder/willow	8.0	No	
47	6220 - Alder/willow	9.0	No	
57	6224 - Treed Bog	2.2	No	
59	6220 - Alder/willow	9.7	No	
60	6220 - Alder/willow	14.0	No	