

Compartment Review Presentation

Shingleton Forest Management Unit

Compartment 41195

Entry Year: 2027

Acreage: 856

County: Alger

Management Area: Seney Lake Plain

Stand Examiner: Mario Molin

Legal Description:

T46N R17W Sections 20 and 29

Identified Planning Goals:

Management activities that coordinate multiple uses and benefits for the people of Michigan including recreation, timber production and protection/enhancement of wildlife habitat are desirable.

Soil and topography:

The area generally features flat to slightly-rolling terrain. The uplands feature fine sand to loamy soils, while the lower areas vary considerably and are probably a mix of soils ranging from sands to muck and peat. Accurate soil survey data and upland habitat classification information are not complete at this time.

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

This compartment is immediately adjacent to the town of Shingleton. Many year-round homes and businesses are located on nearby private lands, and an electrical power transmission line crosses east-west through the compartment. Snowmobile Trail 8 also runs through the area.

Unique Natural Features:

Archeological, Historical, and Cultural Features:

Special Management Designations or Considerations:

Most of this compartment is considered to be a part of the Petrel Deer Yard.

Watershed and Fisheries Considerations:

This compartment contains Hickey Creek and Prairie Creek which serve as tributaries to the West Branch Manistique River. Hickey Creek and Prairie Creek are both designated Type 1 trout streams less than 50-ft wide and have predicted mean July water temperatures of 60.1 and 59.4°F (cold streams), respectively. 300-foot buffers are recommended for Hickey Creek and Prairie Creek in riparian areas susceptible to Aspen regeneration. For areas not susceptible to Aspen regeneration, a minimum 100-ft, plus 5 feet per 1% increase in slope, riparian management zone is recommended for these waterbodies to protect riparian areas in accordance with Best Management Practices.

Wildlife Habitat Considerations:

This compartment lies immediately north and east of Shingleton and makes up the southwest corner of the Petrel Deer Yard. Early surveyor's notes indicate that pre-settlement lowland forests supported hemlock, cedar, spruce, tamarack, and balsam fir. Upland forests consisted of hemlock, yellow birch, white pine, red maple and minor components of sugar maple & beech. Current lowland forests appear to contain similar species as were found in pre-settlement times. Upland forests appear to have less hemlock and more sugar maple, red maple, and aspen. Featured species in this compartment are American marten, moose, bear, gray jay, northern goshawk, ruffed grouse, and white-tailed deer. Wildlife habitat objectives include promoting hemlock, yellow birch, and black cherry in the hardwood stands, maintaining closed conifer forest in the lowlands, and providing browse opportunities through the retention of aspen.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of glacial outwash sand and gravel and postglacial alluvium and minor peat and muck. The glacial drift thickness varies between 10 and 50 feet. The Ordovician Black River and Prairie du Chien (PdC) Formations subcrop below the glacial drift. The Black River is quarried for stone elsewhere in the UP. There is a gravel pit in Section 19 and there should be good potential. There is no commercial oil and gas production in the UP.

Vehicle Access:

The compartment itself is bounded by Highway H-15 to the west and Highway M-28 to the south, but access to much of the

area is limited by soft, wet terrain.

Survey Needs:

None at this time.

Recreational Facilities and Opportunities:

The area receives a great deal of hunting pressure, Snowmobile Trail 8 is heavily-used through the compartment. There are no other developed recreational facilities.

Fire Protection:

Access to most of the compartment is difficult due to the soft, wet ground.

Additional Compartment Information:

The snowmobile trail crosses over Prairie Creek via a small bridge up near the northwest corner of the compartment, and over Hickey Creek via a larger bridge near the town of Shingleton along the southwest edge of the area.

The following reports from the Inventory are attached:

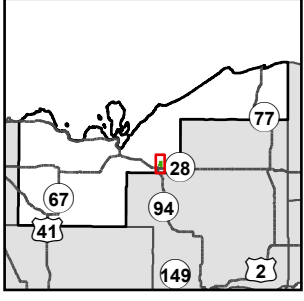
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

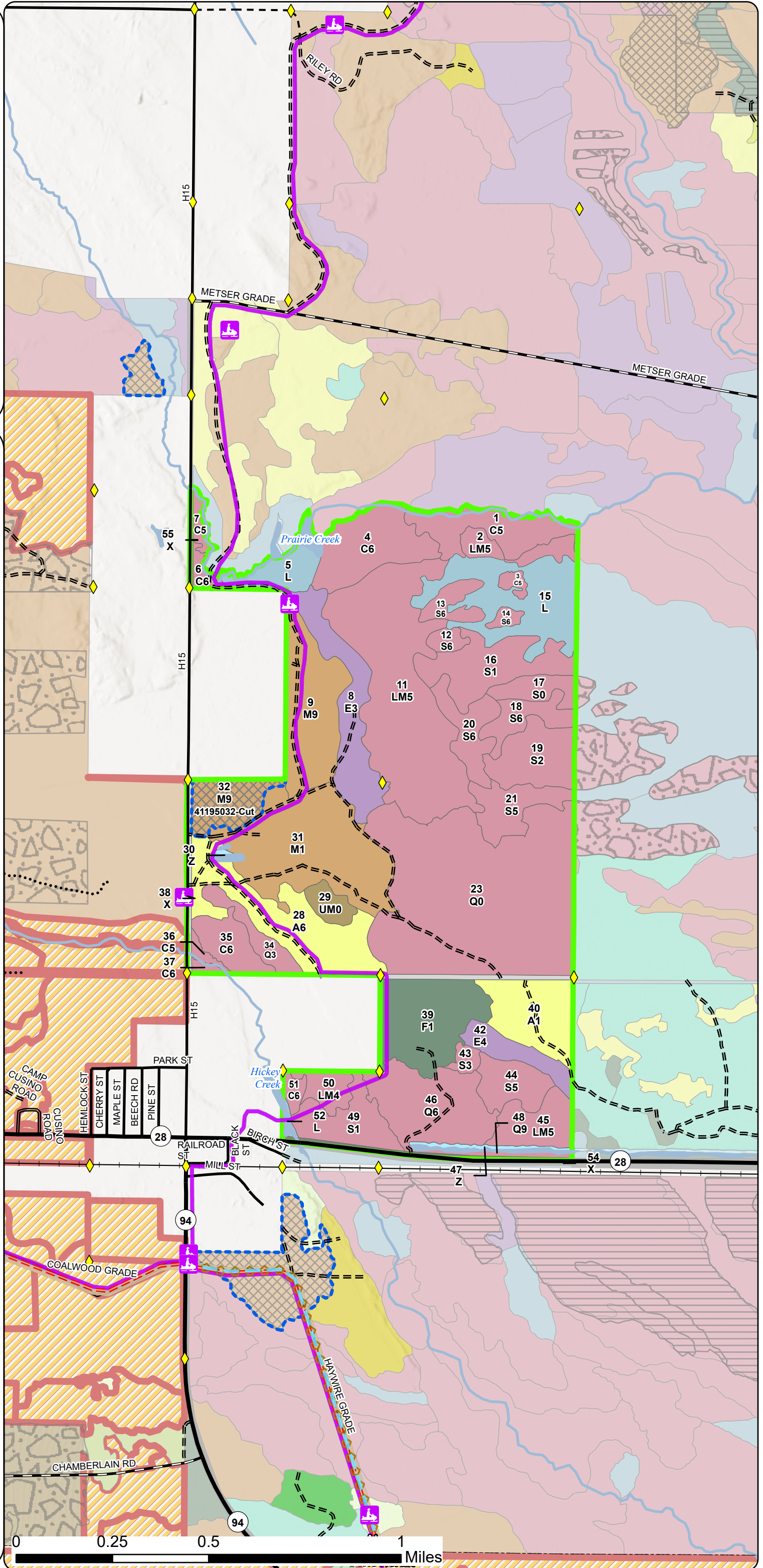
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 41195
 T46N,R17W, Sec: 20, 29
 County: Alger
 Unit: Shingleton
 Mgmt. Area: Seney Lake Plain
 YOE: 2027
 Acres: 855.81 GIS Calculated
 Examiner: Mario Molin
 Date Exported: 02/04/2026
 Map Phase: Post Review

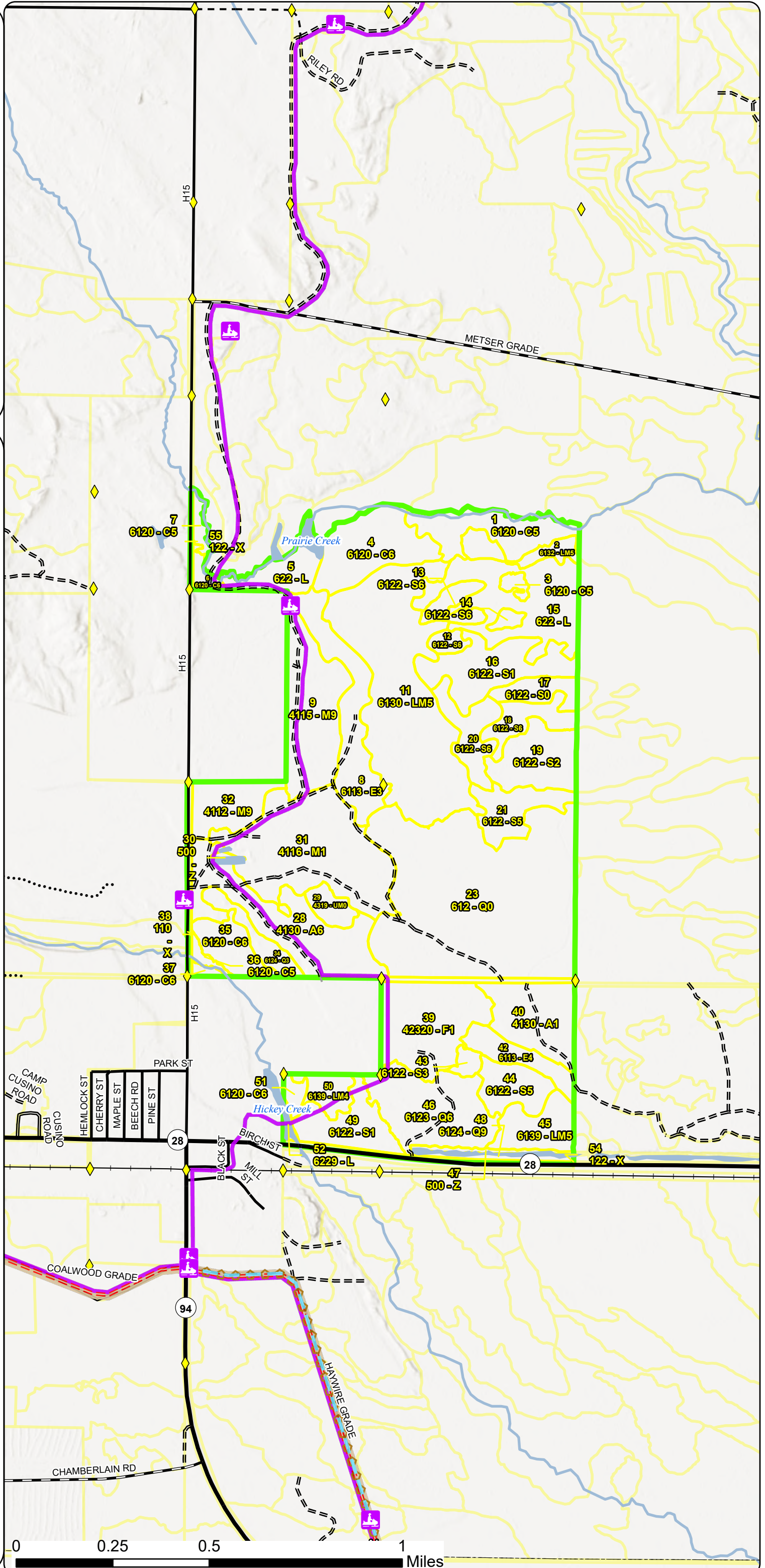
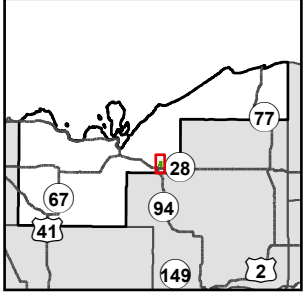


- ◆ Survey Grade Corners
- Railroads
- Compartment Boundary
- Treatments with Site Conditions
- Selection
- Clearcut
- Selection
- Thinning
- Monitoring - Regeneration
- 411 - Northern Hardwood
- 413 - Aspen
- 423 - Other Upland Conifers
- 430 - Upland Mixed Forest
- 500 - Water
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 110 - Low Intensity Urban
- 122 - Road/Parking Lot
- 622 - Lowland Shrub

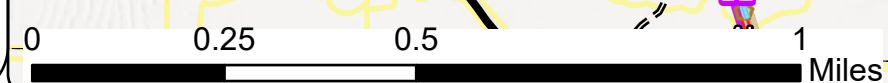


Stand Boundary Map

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 T46N,R17W, Sec: 20, 29
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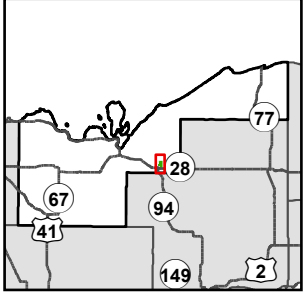


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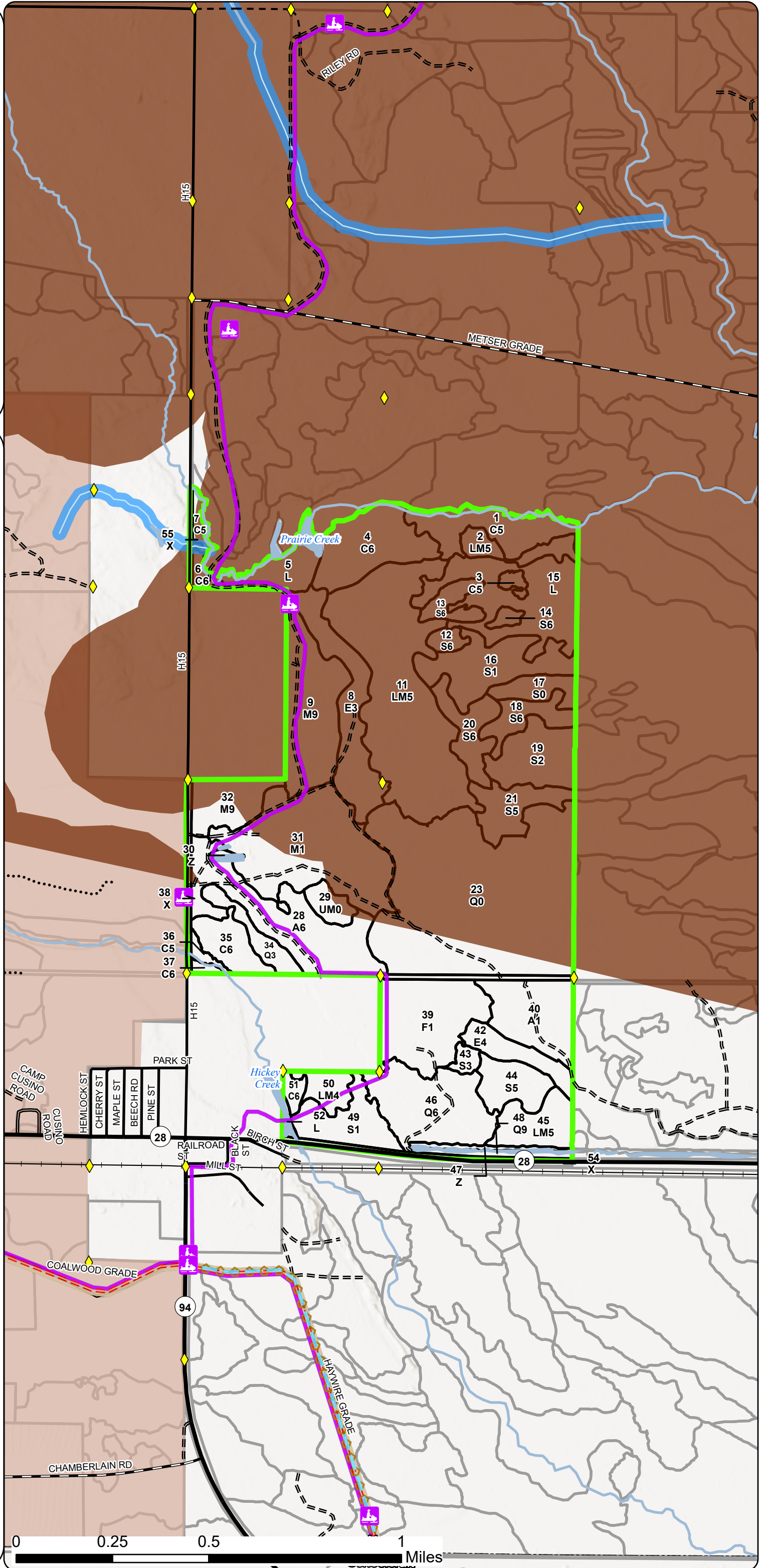


Special Conservation Areas & Site Conditions Map

Compartment: 41195
 T46N,R17W, Sec: 20, 29
 County: Alger
 Unit: Shingleton
 Mgmt. Area: Seney Lake Plain
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- ◆ Survey Grade Corners
- Railroads
- Compartment Boundary
- Stand Boundaries
- Cold Water Streams
- High Priority Trout Stream Buffer
- Deer Winter Range
- Wildlife Research Areas



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+	Unseen-Aged	Total
Aspen	0	25	0	0	42	0	0	0	0	0	0	0	0	0	0	0	0	0	67
Cedar	0	0	0	0	0	0	0	0	33	0	2	0	20	22	0	0	0	0	77
Lowland Conifers	132	0	0	0	9	35	0	0	0	4	0	0	0	0	0	0	0	0	180
Lowland Deciduous	0	0	0	29	0	0	0	11	0	0	0	0	0	0	0	0	0	0	40
Lowland Mixed Forest	0	0	0	0	15	0	0	0	88	0	8	0	0	0	0	0	0	9	119
Lowland Shrub	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	55
Lowland Spruce/Fir	8	39	0	0	3	0	0	0	15	54	24	0	0	0	0	0	0	0	143
Northern Hardwood	0	61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	52	113
Upland Mixed Forest	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Upland Spruce/Fir	0	0	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
Urban	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15
Water	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Total	220	125	35	29	69	35	0	11	136	58	34	0	20	22	0	0	0	61	854

Report 2 – Treatment Summary

Shingleton Mgt. Unit
Year of Entry: 2027

Acres of Harvest

Compartment 195
Total Compartment Acres: 856

Commercial Harvest -
Harvests with Site Condition - 32
Next Step Harvest - 0
Habitat Cut - 0

Cover Type by Harvest Method

		Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overshory Removal	Salvage	Other	Total Acres
Northern Hardwood		0	16	0	0	0	0	0	0	0	16
	Total	0	16	0	0	0	0	0	0	0	16

Proposed and Next Step Treatments by Method

		Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current		16	0	0	0	0	0	0	0	0	16
Next Step		0	0	0	0	0	16	0	0	0	16
	Total	16	0	0	0	0	16	0	0	0	31

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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:

32	41195032-Cut	15.7	4112 - Maple, Beech, Cherry Association	9	81	81-110	Harvest	Selection	411 - Northern Hardwood	Current	No
<p><u>Prescription</u> mark to 80BA follow complete marker</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Intermediate)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Northern hardwoods</p> <p><u>Other Comment:</u> No seasonal restriction for harvest timing as decided at 2027 YOE compartment review.</p> <p><u>Site Condition:</u> Survey Needed</p> <p><u>Proposed Start Date:</u> 10/01/2026</p>											

Total Treatment Acreage Proposed: 15.7

Report 4 – Site Conditions

Shingleton Mgt. Unit
Mario Molin: Examiner

Compartment: 195
Year of Entry: 2027

Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	Dominant Site Conditions			
		With Condition	Not Available		2I	5G	3H	3J
67	67	0	0	Aspen				
66	58	0	8	Cedar			3	4
180	180	0	0	Lowland Conifers				
41	41	0	0	Lowland Deciduous				
120	120	0	0	Lowland Mixed Forest				
55	55	0	0	Lowland Shrub				
142	142	0	0	Lowland Spruce/Fir				
82	61	21	0	Northern Hardwood	16	5		
6	6	0	0	Upland Mixed Forest				
35	35	0	0	Upland Spruce/Fir				
15	15	0	0	Urban				
4	4	0	0	Water				
812	784	21	8	Total Forested Acres	16	5	3	4
	97%	3%	1%	Relative Percent				

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

Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Available	2I: Survey needed	16	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
14	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
15	Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Long Term retention for stand 26 and 23							

Report 4 – Site Conditions

Shingleton Mgt. Unit
Mario Molin: Examiner

Compartment: 195
Year of Entry: 2027

16	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
17	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
19	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
20	Available	5G: Research Study	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Walters Research Project: Long-term beech regeneration monitoring, up to 20 years (through 2039)							
21	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	3	3L: Other wildlife concerns	Unspecified	Unspecified	Unspecified
Comments: Hickey Creek buffer. Purchased land.							
22	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Hickey Creek buffer.							
23	Unavailable	3H: Deer Wintering Area - habitat is incompatible with harvest at this time	3	3J: Water quality/BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments: Deer wintering area and Prairie Creek buffer.							

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

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																													
1	6120 - Lowland Cedar	Poletimber Medium	22.3	125	111-140	N/A	SCA - Petrel Deeryard Slow-growing cedar with numerous small drainage channels running through it. The stand borders on Prairie Creek to the north, and lowland brush is a significant component in the understory. Soils are classified as type 57 (Carbondale muck.) This stand should be regarded as inoperable. SCA - Petrel Deeryard																																													
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2	6132 - Mixed Lowland Forest with Cedar	Poletimber Medium	8.5	101	1-50	N/A	SCA - Petrel Deeryard Low, wet area that features fairly poor stocking, but it is significantly higher than the lowland brush stand to the south. stand density is variable but generally drops as you proceed southward. Unevenaged characteristics have developed as the less-tolerant species died out. Site indices for all species appear to be low. It is also too wet for operability. Over time, a slow-growing cedar/black ash complex is developing, but the EAB may change that. Soils are classified as type 57 (Carbondale muck.)																																													
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3	6120 - Lowland Cedar	Poletimber Medium	2.3	96	51-80	N/A	SCA - Petrel Deer Yard. Island of spruce/mixed lowland timber on wet ground.. Access issues indicate that timber management is not likely to be profitable.																																													
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5	622 - Lowland Shrub	None	14.1			No	Very wet site adjacent to Prairie Creek. Soils are ponded histosols/aquents. The snowmobile trail runs through this stand. SCA - Petrel Deeryard																																													
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6	6120 - Lowland Cedar	Poletimber Well	3.3	117	81-110	N/A	SCA - Petrel Deeryard Cedar stand along Prairie Creek with mixed conifer/lowland brush understory. The snowmobile trail also runs through it, and crosses the creek at a bridge located here. Soils are classified as type 57 (Carbondale muck.)																																													
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7	6120 - Lowland Cedar	Poletimber Medium	3.3	76	1-50	N/A	Lowland brush with a few trees scattered mostly along the western edge. Soils are classified as type 57 (Carbondale muck.) SCA - Petrel Deeryard																																																					
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8	6113 - Lowland Maple	Sapling Well	29.3	28	Immature	N/A	SCA - Petrel Deeryard Partially cut by D.O.C. in 1997-98. Aspen now found in the areas where the stand was opened up enough, with residual conifers & red maple dominant where it was left with more cover. Shade-tolerant seedlings (red maple, balsam fir, some black spruce) are the primary understory species. Management objective now is to let it grow as a mixed stand and harvest when the aspen matures. Soils are classified as type 252A (Finch-Kinross complex, 0-3% slope.) The site may be best described as a transitional zone between uplands and true lowlands.																																																					
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9	4115 - Y.Birch, Hemlock NH	Sawtimber Well	36.5	91	81-110	N/A	This stand features fairly good quality red maple and a lot of large hemlock. Mixed hardwood sawlog volume includes yellow birch, black cherry and a few sugar maple. The stand was select cut with the sale completed in 2009, and beech was then salvaged in 2013. Soils are classified as type 160B (Paquin-Finch sands, 0-6% slopes.) SCA - Petrel Deeryard																																																					
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11	6130 - Fir, Aspen, Maple	Poletimber Medium	88.3	77	51-80	N/A	SCA - Petrel Deeryard More or less the remains of a stand that was once dominated by lowland poplar/birch, but most of them have died. A mix of red maple & conifers has succeeded to stand dominance on the rolling wet terrain. Wood quality varies significantly from one spot to the next, but overall it's not impressive. Soils are classified as type 252A (Finch-Kinross complex, 0-3% slope.) Break this stand up into several blocks and begin cutting parts of it, accessing it from the west side.																																																					
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12	6122 - Black Spruce	Poletimber Well	3.3	95	51-80	N/A	SCA - Petrel Deeryard This will hold until next entry when the large mixed stand to the west is also ready.																																																					
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
13	6122 - Black Spruce	Poletimber Well	7.3	95	51-80	N/A	SCA - Petrel Deeryard This can hold until the large mixed stand to the west is ready next entry. Soils are classified as type 252A (Finch-Kinross complex, 0-3% slope.)
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Black Spruce		95	Pole	8	95	Balsam Fir	
Northern White Cedar		5	Pole/Sapling	7		Black Spruce	
						Northern White Cedar	
						Density	
						Avg. Height	
						Size	
14	6122 - Black Spruce	Poletimber Well	2.1	95	51-80	N/A	SCA - Petrel Deer Yard Another pocket of black spruce - hold until the large mixed stand to the west is ready next entry, unless spruce budworm makes it necessary to cut it sooner.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Black Spruce		90	Pole	7	95	Black Spruce	
Northern White Cedar		5	Pole/Sapling	6		Tag Alder	
Tamarack		5	Pole	7			
						Density	
						Avg. Height	
						Size	
15	622 - Lowland Shrub	None	39.1			No	SCA - Petrel Deeryard Lowland brush with many scattered submerchantable conifers, a few paper birch and red maple, all up on hummocks. In spots the conifers are becoming dominant over the brush, but overall the site is extremely wet. The site indices are very low for all the tree species, but a few stems have reached merchantable size. This area may have been cut in the past. Soils are classified as either type 252A (Finch-Kinross complex, 0-3% slope) or type 93 (Tawas-Deford muck.)
						Sub-Canopy Species	
						Black Ash	
						Density	
						Avg. Height	
						Size	
16	6122 - Black Spruce	Sapling Poor	27.2	83	Unspecified	N/A	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Red Maple		19	Sapling/Pole	4		Tag Alder	
Paper Birch		1	Sapling/Pole	4			
Black Spruce		70	Sapling/Pole	4	83		
White Pine		5	Pole/Sapling	6			
Black Ash		5	Pole/Sapling	5			
						Density	
						Avg. Height	
						Size	
17	6122 - Black Spruce	Unspecified	8.4	11	Unspecified		SCA - Petrel Deeryard 2014 - Part of KMA Spruce TS #41-009-10-01. Some seedlings/ advanced regeneration present but will need to be checked for natural regeneration later. About 10-12 sq ft of hemlock/paper birch residual basal area is present in clumps (retention from the last stand.)
						Sub-Canopy Species	
						Red Maple	
						Black Spruce	
						Density	
						Avg. Height	
						Size	
18	6122 - Black Spruce	Poletimber Well	10.8	90	81-110	N/A	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Red Maple		25	Pole	6	90	Black Ash	
Paper Birch		5	Pole/Sapling	6		Black Spruce	
Black Spruce		65	Pole/Sapling	7	90	Red Maple	
White Pine		5	Log/Pole/XLog	16		Tag Alder	
						Balsam Fir	
						Density	
						Avg. Height	
						Size	

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																	
19	6122 - Black Spruce	Sapling Medium	20.7	9	Unspecified	N/A	SCA - Petrel Deeryard Soils are classified as type 252A (Finch-Kinross complex, 0-3% slope.) Just cut in winter 2014-15 under TS #41-009-10-01 KMA Spruce. Residual BA: paper birch = 4; cedar = 2; white pine = 9; hemlock = 2; total = 17 sq.ft./acre. Note: Red pine (less than 1 sq.ft./acre) was also reserved.																																																	
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20	6122 - Black Spruce	Poletimber Well	13.8	83	81-110	N/A	SCA - Petrel Deeryard Density varies considerably from one spot to the next since the aspen and 1st generation of balsam fir died out of this stand. A few hemlock and cedar are also present. Ready to cut when the rest of the spruce in the vicinity is ready, hopefully next entry. The year of origin is from reliable evidence in timber sale records. Soils are classified as type 252A (Finch-Kinross complex, 0-3% slope.)																																																	
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21	6122 - Black Spruce	Poletimber Medium	14.8	76	1-50	N/A	SCA - Petrel Deeryard This is a treed bog with many conifers up on hummocks and ridges in an area of impeded drainage. If the site index was higher, this stand might be considered a fully-stocked conifer stand. A few trees have reached merchantable size, and over time this stand may take on the appearance of manageable timber. There are no conclusive records indicating that timber was ever cut here. Soils are classified as type 252A (Finch-Kinross complex, 0-3% slope) but probably includes type 58 (Dawson muck) here.																																																	
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23	612 - Lowland Coniferous Forest	Unspecified	132.3	4	Unspecified		SCA - Petrel deer yard Soils are classified as type 252A (Finch-Kinross complex, 0-3% slope.) TS: 41-020-17																																																	
28	4130 - Aspen	Poletimber Well	41.9	34	1-50	N/A	Cut in 1992 - The understory varies considerably from red maple to upland brush (cherry) where the aspen isn't as dense. A few aspen are beginning to reach merchantable diameters. Soils are classified as type 252A (Finch-Kinross complex, 0-3% slope.)																																																	
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29	4319 - Mixed Upland Forest	Unspecified	6.0	9	Immature		MHM:19-16 TS:41-019-16 TCR: 9/26/17																																																	
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30	500 - Water	None	0.9			No	Flooded pit - probably excavated for fill to cap the adjacent town dump.																																																	

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																														
31	4116 - Mixed N. Hardwood - Aspen	Sapling Poor	61.2	9	Immature	N/A	Black cherry was reserved which makes this stand essentially a 2 aged stand but that isnt really the MO or goal so it is based off of the MO the cherry isnt really merchantable because of the how poor formed it is, its more like apple trees.MHM:19-16 41-019-16TCR: 9/26/17																																														
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32	4112 - Maple, Beech, Cherry Association	Sawtimber Well	15.7	81	81-110	N/A	SCA - Petrel Deer Yard A few yellow birch and cherry logs are also scattered throughout the stand. Last thinned in 1989. The snowmobile trail runs along the edge of this stand. Should be ready to thin/select cut next entry. Soils are classified as type 160B (Paquin-Finch sands, 0-6% slopes.) SCA - Petrel Deeryard																																														
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34	6124 - Lowland Spruce-Fir	Sapling Well	8.7	34	Immature	N/A	Fully stocked stand featuring a mix of conifer regeneration and a few scattered aspen sprouts. Soils are classified as type 160B (Paquin-Finch sands, 0-6% slopes.)																																														
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35	6120 - Lowland Cedar	Poletimber Well	12.0	117	141-170	N/A	Cedar adjacent to Hickey Creek and its floodplain. Some partial cutting took place about 1992 inside the northeast edge of the stand. Soils are classified as type 57 (Carbondale muck.)																																														
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36	6120 - Lowland Cedar	Poletimber Medium	2.0	76	1-50	N/A	Hickey Creek & floodplain - Soils are classified as type 57 (Carbondale muck.)																																														
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37	6120 - Lowland Cedar	Poletimber Well	1.2	117	141-170	N/A	Conifer mix between Hickey Creek and its floodplain, the powerline and Highway H-15. Some of the hemlock are very large. Soils are classified as type 16A (Paquin sand, 0-3% slopes.)																																														
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38	110 - Low Intensity Urban	None	8.7			No	Powerline right-of-way																																														
39	42320 - Upland Spruce	Sapling Poor	35.4	15	Unspecified	N/A	Cut in 2011 - expecting a mix of lowland conifers with scattered pockets of hardwoods, aspen and birch.. Soils are classified as type 252A (Finch-Kinross complex, 0-3% slope.)																																														
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40	4130 - Aspen	Sapling Poor	25.2	4	Unspecified	N/A	TS: 41-020-17-01																																														
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42	6113 - Lowland Maple	Poletimber Poor	11.3	61	1-50	N/A	Tag alder with trees scattered throughout - wetter than surrounding stands. Soils are classified as type 252A (Finch-Kinross complex, 0-3% slope) but may include some type 58 (Dawson muck.)																																														
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43	6122 - Black Spruce	Sapling Well	2.9	34	1-50	N/A	Cut in 1992 252A (Finch-Kinross complex, 0-3% slope.)																																														
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44	6122 - Black Spruce	Poletimber Medium	13.4	86	1-50	N/A	Stand density varies considerably. The understory is a mix of black spruce, balsam fir, tamarack, white pine and red maple. Soils are classified as type 252A (Finch-Kinross complex, 0-3% slope.)																																														
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments	
45	6139 - Mixed Lowland Forest	Poletimber Medium	15.1	38	1-50	N/A	Mix of spruce, tamarack, aspen and red maple regeneration; lowland brush still occupies part of the area. A few white pine are also present.	
						Soils are classified as type 252A (Finch-Kinross complex, 0-3% slope.)		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	15	Sapling	3		Balsam Fir	Medium	5 - 10 feet	5 - 10 feet
Paper Birch	2	Sapling	4		Tag Alder	Medium	5 - 10 feet	5 - 10 feet
Quaking Aspen	25	Pole/Sapling	5	38				
Black Spruce	25	Sapling/Pole	4					
Tamarack	30	Pole/Sapling	5	38				
White Pine	3	Sapling	3					
46	6123 - Lowland Fir	Poletimber Well	35.1	46	51-80	N/A	Aspen now reaching merchantable size. Soils are classified as type 252A (Finch-Kinross complex, 0-3% slope.)	
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	5	Pole	6		Balsam Fir	Medium	Variable	Variable
Quaking Aspen	10	Pole	8	46	Red Maple	Medium	Variable	Variable
Balsam Fir	70	Pole	6	46	Black Spruce	Medium	Variable	Variable
Black Spruce	15	Pole	6					
47	500 - Water	None	3.2			No	Flooded ditch/borrow pit from the construction of Highway M-28	
48	6124 - Lowland Spruce-Fir	Sawtimber Well	4.3	85	111-140	N/A	Lowland conifer mix along Highway M-28. Soils are classified as type 252A (Finch-Kinross complex, 0-3% slope.)	
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	10	Log/Pole	10		Balsam Fir	High	Variable	Variable
Balsam Fir	20	Pole/Log	8		Black Spruce	High	Variable	Variable
Black Spruce	45	Pole/Log/Sap	8	85				
Tamarack	15	Log/Pole	10					
White Pine	10	Log/Pole/Sap	14					
49	6122 - Black Spruce	Sapling Poor	17.7	6		N/A	Heavy lowland brush with a few trees scattered throughout. Soils are classified as type 57 (Carbondale muck.)	
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	15	Sapling	1		Tag Alder	Full	5 - 10 feet	5 - 10 feet
Black Spruce	85	Sapling	1	6				
50	6139 - Mixed Lowland Forest	Poletimber Poor	7.6	92	1-50	N/A	Sparse mix of slow-growing timber over tag alder on a wet site. Soils are classified as type 57 (Carbondale muck.)	
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	20	Pole/Sapling	6		Black Ash	Medium	5 - 10 feet	5 - 10 feet
Paper Birch	5	Pole/Sapling	7		Tag Alder	High	5 - 10 feet	5 - 10 feet
Balsam Fir	20	Pole/Sapling	5					
Black Spruce	20	Pole/Sapling	6					
Tamarack	5	Pole/Sapling	7					
Black Ash	30	Pole/Sapling	5	92				

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																										
51	6120 - Lowland Cedar	Poletimber Well	3.0	117	141-170	N/A	6-12" DBH cedar along the east bank of Hickey Creek. The understory is highly variable, from no understory to lowland brush to mixed conifers. Soils are classified as type 57 (Carbondale muck.)																																										
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52	6229 - Mixed Lowland Shrub	None	1.5			No	Lowland brush and Hickey Creek north of M-28																																										
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54	122 - Road/Parking Lot	None	4.8			No	M-28 R-O-W																																										
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