



Shingleton Forest Management Unit
Compartment Review Presentation
Compartment #11 **Entry Year: 2013**
Compartment Acreage: 1927 **County: Schoolcraft**

Revision Date: 8/2011

Stand Examiner: Mario Molin

Legal Description: T45N R16W sections 2, 3, and 11

RMU (if applicable):

Management Goals: To provide multiple use benefits for the citizens of Michigan.

Soil and Topography: Much of the compartment is poorly drained sands (Newton and Saugatuck), with loamy fine sand in the upland.

Ownership Patterns, Development, and Land Use in and Around the Compartment: The Seney NWR is along the east side of the compartment, the rest of the compartment is surrounded by State ownership.

Unique, Natural Features: None known at this time.

Archeological, Historical, and Cultural Features: The fireline from the 1976 Seney fire can be seen along the east side of the compartment.

Special Management Designations or Considerations: None known at this time.

Watershed and Fisheries Considerations: Fisheries Values: Poor. Creighton River is classified as Second Quality Warm Water (SQWW). Protecting this stream from encroachment by beaver isn't a high priority, because the stream is already warm and no trout are reputed to live here. However, protection from increased sand bedload is a high priority. A minimum no-clearcut buffer of 100 feet should be implemented along the Creighton River, consistent with BMP's.

Wildlife Habitat Considerations: This compartment lies within the Seney Sand Lake Plain ecological sub-subsection. The growing season in this area is less than 100 days with extreme minimum winter temperatures of -46 degrees F. Annual snowfall in this area averages between 120 and 140 inches. General Land Office (GLO) Surveyor notes show this to be one of the areas that contained a fair amount of aspen at the time of the original survey. Lowland forest contained cedar, aspen, tamarack, white pine, and black spruce. Upland knolls held a combination of white birch, hemlock, red maple, balsam fir, and white pine. Surveyors recorded several areas of windthrow. Beaver ponds also occurred along the Creighton Creek and its feeder streams. Current forest types are heavy toward aspen and jack pine. However, there remains a fair amount of white pine across the compartment. Many of the lowland forest are similar in species composition to the presettlement forest with tamarack, black spruce, cedar, aspen, red maple, and white pine. Wildlife habitat objectives include maintaining age and structural diversity between conifer stands, increasing the amount of hard mast available, providing travel corridors, protecting stream corridors, and promoting tree species diversity. Gray wolves (Federal and Michigan endangered) and moose (Michigan special concern) have been recorded within this compartment. Other species of interest include American woodcock, indigo bunting, mink, and snowshoe hare.

Mineral Resource and Development Concerns and/or Restrictions: Surface sediments consist of lacustrine (lake) sand and gravel. There is minor local relief in the compartment. There is insufficient data to determine the glacial drift thickness. The Ordovician Black River Group subcrops below the glacial drift. The Black River is used for stone/dolomite. The nearest gravel pit is 5 miles to the northwest. There appears to be limited gravel potential. There is no commercial oil and gas production in the UP. The west half of Section 3 is surface only.

Vehicle Access: The Creighton River marsh prevents vehicle access through much of the compartment. Access to this compartment on the east side is mostly along the S. Creighton Truck Trail with multiple 2-tracks spurring into the compartment. The west side is accessed from a 2-track that comes in off of the Hartman Camp Road in compartment 158. Access from the south is from compartment 15 just south of the Creighton River bridge; multiple 2 tracks weave into the compartment, most of which are overgrown and no longer drivable.

Survey Needs: None.

Recreational Facilities and Opportunities: Hunting and mushroom picking often occur.

Fire Protection: Access to fires could be difficult especially on the west side and interior of the compartment. See “Vehicle Access” for more information.

Additional Compartment Information:

- **The following reports from the Inventory are attached:**
 - ◆ **Total Acres by Cover Type and Age Class**
 - ◆ **Proposed Treatment Summary**
 - ◆ **Proposed Treatments – No Limiting Factors**
 - ◆ **Proposed Treatments – With Limiting Factors**
 - ◆ **Stand Details (Forested and Nonforested)**
 - ◆ **Dedicated and Proposed Special Conservation Areas**
- **The following information is displayed, where pertinent, on the attached compartment maps:**
 - ◆ **Base feature information, stand boundaries, cover types, and numbers**
 - ◆ **Proposed treatments**
 - ◆ **Details on the road access system**
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Table 1 – Total Acres by Cover Type and Age Class



	Age Class														Total	
	Non-Forested	1-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120 +		Unretn Age
Aspen	0	73	31	90	93	0	0	0	0	0	0	0	0	0	0	287
Jack Pine	0	37	43	0	0	37	0	89	0	47	0	0	0	0	0	253
Lowland Conifers	0	0	60	0	0	0	0	0	0	0	0	0	0	4	0	65
Lowland Deciduous	0	25	0	0	0	0	204	75	24	0	0	0	0	8	0	338
Lowland Shrub	304	0	0	0	0	0	0	0	0	0	0	0	0	0	0	304
Lowland Spruce/Fir	0	0	0	0	0	0	38	0	0	8	0	0	0	0	0	46
Marsh	98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	98
Natural Mixed Pines	0	0	0	0	0	11	0	22	0	0	6	0	0	10	0	49
Northern Hardwood	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5
Red Pine	0	0	0	0	0	0	0	0	0	8	49	0	3	21	0	81
Tamarack	0	0	0	0	0	0	0	0	0	44	0	0	0	0	0	44
Upland Conifers	0	0	0	0	0	0	0	7	0	17	0	0	0	0	0	24
Upland Mixed Forest	0	0	155	0	0	0	0	3	0	0	0	0	0	0	0	159
Upland Spruce/Fir	0	6	0	0	30	0	55	0	84	0	0	0	0	0	0	175
Total	401	141	289	90	123	48	298	197	108	124	55	0	3	49	0	1927



Table 2 – Proposed Treatment Summaries

Shingleton Mgt. Unit
Year of Entry 2013

Compartment 011
Total Compartment Acres: 1927

Acres by Treatment Type

Commercial Harvest - 284	Site Prep - 0	Tree Planting - 0	Prescribed Burn - 0	Other - 0
Habitat Cut - 0	Opening Maintenance - 0	Tree Seeding - 0	Pesticide - 0	

Cover Type by Harvest Method

	Clearcut	Selection	Seed Tree	Shelterwood	Thinning	Other - Specify	Total Acres
Jack Pine	121	0	0	0	0	0	121
Red Pine	8	0	0	0	0	0	8
Tamarack	16	0	0	0	0	0	16
Upland Spruce/Fir	139	0	0	0	0	0	139
Total	284	0	0	0	0	0	284



S t a n d	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
4	41011004-Cut	36.8	42220 - Natural Jack Pine	High Density Pole	69	Harvest	Clearcut with Reserves	42220 - Natural Jack Pine	Cmpt. Review Proposal
<u>Prescription:</u> Clear cut with red and white pine reserved. <u>Specs:</u> <u>Other</u> <u>Comments:</u> <u>Next</u> Scarify, check regeneration according to work work instructions, any mix of current species onsite is acceptable regeneration. <u>Steps:</u>									
14	41011014-Cut	16.2	6121 - Tamarack	High Density Pole	81	Harvest	Clearcut with Reserves	6121 - Tamarack	Cmpt. Review Proposal
<u>Prescription:</u> Clearcut with spruce reserved. <u>Specs:</u> <u>Other</u> Spruce is being reserved (very small component of stand) as a seed source if tamarack does not fully repopulate the stand. Area is most likely <u>Comments:</u> to be too wet for any large mechanical processes to promote regeneration. <u>Next</u> Check regeneration according to work work instructions, any mix of current species onsite is acceptable regeneration. <u>Steps:</u>									
48	41011048-Cut	31.5	42320 - Upland Spruce	High Density Pole	70	Harvest	Clearcut with Reserves	42340 - Upland Spruce/Fir	Cmpt. Review Proposal
<u>Prescription:</u> Clearcut with paper birch and cherry reserved. Leave 100 foot buffer along river (Fish division). <u>Specs:</u> <u>Other</u> Need permits for river crossing. <u>Comments:</u> <u>Next</u> Check regeneration according to work work instructions, any mix of current species onsite is acceptable regeneration. <u>Steps:</u>									
55	41011055-Cut	47.4	42220 - Natural Jack Pine	High Density Pole	83	Harvest	Clearcut with Reserves	42220 - Natural Jack Pine	Cmpt. Review Proposal
<u>Prescription:</u> Clearcut with red pine reserved Leave 100 foot buffer along river (Fish division).. <u>Specs:</u> <u>Other</u> <u>Comments:</u> <u>Next</u> Scarify. Check regeneration according to work work instructions, any mix of current species onsite is acceptable regeneration, If necessary <u>Steps:</u> plant with jack pine.									
65	41011065-Cut	52.1	42320 - Upland Spruce	High Density Pole	72	Harvest	Clearcut with Reserves	42260 - Natural Pine, Mixed Deciduous	Cmpt. Review Proposal
<u>Prescription:</u> Clearcut stand. If possible use redline to save areas with aspen saplings to keep some size diversity. Retention will be the river buffer. Leave <u>Specs:</u> 100 foot buffer along river (Fish division). <u>Other</u> Need permits for river crossing. <u>Comments:</u> <u>Next</u> Scarify for natural regeneration. Try to scarify within same season of harvest to get maximum aspen regeneration.. Check regeneration <u>Steps:</u> according to work work instructions, any mix of current species onsite is acceptable regeneration. Plant jack pine if natural regeneration is not successful.									



S t a n d	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
71	41011071-Cut	36.7	42220 - Natural Jack Pine	Medium Density Pole	47	Harvest	Clearcut with Reserves	42220 - Natural Jack Pine	Cmpt. Review Proposal

Prescription Clear cut with red pine reserved.

Specs:

Other

Comments:

Next Scarify. Check regeneration according to work work instructions, any mix of current species onsite is acceptable regeneration.

Steps:

73	41011073-Cut	8.0	42210 - Natural Red Pine	High Density Log	87	Harvest	Clearcut with Reserves	42210 - Natural Red Pine	Cmpt. Review Proposal
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Prescription Clearcut with red pine reserved. Leave 100 ft buffer along river (Fish division)

Specs:

Other

Comments:

Next Scarify. Check regeneration according to work instructions, any mix of current species onsite is acceptable regeneration. Plant jack pine if

Steps: necessary..

75	41011075-Cut	55.3	42310 - Planted Spruce	Medium Density Pole	50	Harvest	Clearcut with Reserves	42220 - Natural Jack Pine	Cmpt. Review Proposal
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Prescription Clearcut with red pine reserved. Leave buffer along creek on east side.

Specs:

Other

Comments:

Next Scarify, plant if necessary. Check regeneration according to work work instructions, any mix of current species onsite is acceptable regeneration.

Steps:

**Total Treatment
Acreage Proposed: 284.0**



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Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
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Prescription
Specs:

Other
Comment:

Next
Steps:

Limiting Factor and No
Treatment Reason

**Total Treatment
Acreage Proposed: 0**

**Out of YOE -- Treatments
Prescribed with No Limiting Factor**

Year of Entry: 2013



Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
41022_OutOfY OE-Cut	35.6				Harvest	Systematic Thinning	42110 - Planted Red Pine	Cmpt. Review Proposal
<u>Prescription</u> 3rd row thinning. Cut all trees in designated rows. Rows can be spaced wider apart in areas with lower basal area. Do not cut hemlock and oak.								
<u>Specs:</u>								
<u>Other</u> Do not cut any trees within 50 feet of the West Branch Manistique River.								
<u>Comments:</u>								
<u>Next</u> Thin next year of entry.								
<u>Steps:</u>								
41049_OutOfY OE_1-Cut	4.7				Harvest	Single Tree Selection	42290 - Natural Mixed Pine	Cmpt. Review Proposal
<u>Prescription</u> Mark red pine and white pine to 30 sq. ft. Create gaps in canopy for regeneration where pine exists. Areas that have thicker young poles can be								
<u>Specs:</u> marked to 80. Cut all other species except hemlock and oak if present.								
<u>Other</u> Access to stand is too difficult for continuous thinning.								
<u>Comments:</u>								
<u>Next</u> Regeneration walkthrough during next inventory cycle. Acceptable regeneration includes any species mixture currently found onsite.								
<u>Steps:</u>								
41053_OutOfY OE-Cut	10.2				Harvest	Single Tree Selection	42290 - Natural Mixed Pine	Cmpt. Review Proposal
<u>Prescription</u> Mark red pine and white pine to 30 sq. ft. Create gaps in canopy for regeneration where pine exists. Areas that have thicker young poles can be								
<u>Specs:</u> marked to 80. Cut all other species except hemlock and oak if present.								
<u>Other</u> Access to stand is too difficult for continuous thinning.								
<u>Comments:</u>								
<u>Next</u> Regen walkthrough during next inventory cycle. Acceptable regeneration includes any species mixture currently found onsite.								
<u>Steps:</u>								
Total Treatment Acreage Proposed:		50.5						

Shingleton Mgt. Unit

5 – Forested Stands

Compartment: 011

Year of Entry: 2013



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
2	42120 - Planted Jack Pine	High Density Sapling	7.5	13		
3	42220 - Natural Jack Pine	High Density Sapling	35.3	13		
4	42220 - Natural Jack Pine	High Density Pole	89.1	69		
5	42220 - Natural Jack Pine	Medium Density	36.5	5		
7	6117 - Lowland Deciduous, Mixed Coniferous	Low Density Sapling	9.8	5		
8	42330 - Upland Fir	Low Density Sapling	6.1	5	1-50	
10	6117 - Lowland Deciduous, Mixed Coniferous	Low Density Sapling	15.6	5		A few red maple and white pine leftover from the harvest.
11	42210 - Natural Red Pine	Medium Density Log	48.9	99	1-50	Recently cut, narrow ridge with low spots that are filling in with aspen and spruce in the wetter sites.
12	6122 - Black Spruce	High Density Pole	8.0	82	51-80	Hold stand till next cycle and cut with the other 1/2 of stand 4. May also want to leave alone, seen lots for moose (multiple moose) activity just south of this stand. Stand is healthy but is short and small in diameter.
13	6121 - Tamarack	High Density Pole	19.8	81	81-110	
14	6121 - Tamarack	High Density Pole	16.2	81	81-110	
16	6121 - Tamarack	Medium Density Pole	7.6	87	1-50	Isolated and hard to access.
18	6113 - Lowland Maple	High Density Pole	11.2	50	51-80	Mix of low quality red maple and tamarack and mixed with tad alder and willow.
20	4130 - Aspen	High Density Sapling	9.0	5		
21	42260 - Natural Pine, Mixed Deciduous	High Density Log	9.7	131	81-110	
25	42210 - Natural Red Pine	High Density Log	3.2	113	81-110	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
27	42210 - Natural Red Pine	High Density Log	21.2	130	81-110	Red pine is very tall (8 sticks) this stand is isolated and very difficult to access, old oi data suggests adding it into an old growth classification. Stand was prescribed 30 years ago and carried over every entry and never was cut.
30	4134 - Aspen, Spruce/Fir	High Density Sapling	22.0	21	1-50	
32	4319 - Mixed Upland Forest	High Density Pole	3.2	67	1-50	Isolated stand in very hard to access area.
37	4119 - Mixed Northern Hardwoods	High Density Log	5.3	142	51-80	Small island almost impossible to access for logging, especially since it is low quality/volume/and acreage. Seems to be converting over to red maple.
39	6119 - Mixed Lowland Deciduous Forest	Low Density Pole	193.1	57	1-50	
40	429 - Mixed Upland Conifers	High Density Pole	16.7	80	81-110	Some aspen to the south, overall the area is low quality and density. Is another difcult to access area.
45	42340 - Upland Spruce/Fir	High Density Pole	30.0	36	1-50	
47	6117 - Lowland Deciduous, Mixed Coniferous	Low Density Pole	71.9	65	81-110	
48	42320 - Upland Spruce	High Density Pole	31.5	70	51-80	Consider cutting part of stand on north side of river. Cutting portion on south side of river will be minimal acreage after leaving a buffer strip. Could be held till next cycle.
49	6118 - Lowland Deciduous with Cedar	High Density Sapling	8.3	127	1-50	
50	6128 - Lowland Coniferous, Mixed Deciduous	High Density Pole	4.4	130	51-80	
51	6119 - Mixed Lowland Deciduous Forest	High Density Log	24.4	79	51-80	
52	4130 - Aspen	High Density Sapling	14.6	6		
54	6113 - Lowland Maple	Medium Density Pole	3.3	60	1-50	Stand is in very poor condition, tress semm to be very stressed and are not growing well. Not enough wood for a commercial harvest. Talk with Kevin to see if Wildlife would like to do something with it. Spot- Finch complex soil type.... Met with WLD and decided to leave alone.
55	42220 - Natural Jack Pine	High Density Pole	47.4	83	51-80	Some small aspen pocket within the stand, these trees are in decline and the stand woul need to be cut now if wanting to have aspen in the stand. White spruce is also in the stand and shows signs of bud worm. Jack pine is healthy and looks like it may last another cycle.

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Shingleton Mgt. Unit

5 – Forested Stands

Compartment: 011

Year of Entry: 2013



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
56	4319 - Mixed Upland Forest	High Density Sapling	155.3	19	1-50	
57	6122 - Black Spruce	High Density Pole	37.9	58	51-80	Consider cutting next cycle
58	4134 - Aspen, Spruce/Fir	High Density Sapling	50.8	32	1-50	
60	4130 - Aspen	High Density Sapling	49.6	6		
61	4134 - Aspen, Spruce/Fir	High Density Sapling	16.1	14		
62	6124 - Lowland Spruce-Fir	Medium Density	60.5	14		
64	4130 - Aspen	High Density Pole	42.3	32	1-50	
65	42320 - Upland Spruce	High Density Pole	52.1	72	51-80	Looks like area was species thinned similar to the southern portion of 54.
66	42260 - Natural Pine, Mixed Deciduous	High Density Pole	22.3	62	51-80	Cut next cycle.
67	42260 - Natural Pine, Mixed Deciduous	High Density Log	6.2	91	51-80	
68	4130 - Aspen	Medium Density	68.3	26	1-50	
69	4134 - Aspen, Spruce/Fir	Medium Density	14.7	12		
70	42290 - Natural Mixed Pine	High Density Pole	11.1	41	1-50	
71	42220 - Natural Jack Pine	Medium Density Pole	36.7	47	81-110	This stand was a white spruce plantation that mostly failed and jack pine seeded in naturally and is growing very well. The spruce is in decline and shows signs of bud worm. Stand has poor density and open areas, may be best to start over and grow jack pine that naturally does well on this site.
73	42210 - Natural Red Pine	High Density Log	8.0	87	81-110	
74	429 - Mixed Upland Conifers	Medium Density Pole	7.5	65	1-50	

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Shingleton Mgt. Unit

5 – Forested Stands

Compartment: 011
Year of Entry: 2013



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
75	42310 - Planted Spruce	Medium Density Pole	55.3	50	51-80	This stand was a white spruce plantation that mostly failed and jack pine seeded in naturally and is growing very well. The spruce is in decline and shows signs of bud worm, aspen also mixed in is in poor quality/health. Stand has poor density and open areas, may be best to start over and grow jack pine that naturally does well on this site.



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
1	6233 - Wet Meadow	1.0	No	Unspecified	
6	6220 - Alder/willow	11.8	No	Unspecified	
9	6233 - Wet Meadow	3.6	No	Unspecified	
15	6229 - Mixed lowland shrub	28.3	No	Unspecified	
17	6220 - Alder/willow	17.1	No	Unspecified	
19	6233 - Wet Meadow	1.3	No	Unspecified	
22	6220 - Alder/willow	18.8	No	Unspecified	
23	6229 - Mixed lowland shrub	10.7	No	Unspecified	
24	6233 - Wet Meadow	43.0	No	Unspecified	
26	6233 - Wet Meadow	2.0	No	Unspecified	
28	622 - Lowland Shrub	115.0	N/A	Unspecified	
29	6220 - Alder/willow	2.9	No	Unspecified	
31	6233 - Wet Meadow	1.0	No	Unspecified	
33	6233 - Wet Meadow	0.7	No	Unspecified	
34	6233 - Wet Meadow	1.2	No	Unspecified	
35	6233 - Wet Meadow	7.2	No	Unspecified	
36	6233 - Wet Meadow	9.8	No	Unspecified	
38	6233 - Wet Meadow	8.0	No	Unspecified	



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
41	6220 - Alder/willow	2.3	No	Unspecified	
42	6229 - Mixed lowland shrub	11.6	No	Unspecified	Scattered scraggly trees.
43	6233 - Wet Meadow	6.0	No	Unspecified	
44	622 - Lowland Shrub	9.5	No	Unspecified	BAM is scattered in the south end of the stand. Site may be drying up, the tag alder and other brush seems to be dying.
46	6220 - Alder/willow	40.2	No	Unspecified	
53	6220 - Alder/willow	29.4	No	Unspecified	
59	623 - Emergent Wetland	12.7	No	Unspecified	
63	6229 - Mixed lowland shrub	3.0	Yes	Low (NonForested)	
72	6229 - Mixed lowland shrub	3.2	No	Unspecified	



7 – 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.

Stand	SCA Type	SCA Name	Acres	Comments



8 – DEDICATED CONSERVATION AREA DETAILS

* This is a list of Dedicated Biodiversity Areas for this compartment along with a 1/4 mile buffer surrounding the compartment. Refer to Dedicated Conservation Area Map for areas that the below listed Conservation Areas are located.

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

Conservation Area	Type	Description
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Compartment 11
 T45N, R16W, Sec. 2,3,11
 County: Schoolcraft
 Unit: Shingleton
 YOE: 2013
 Acres: 1,927 GIS Calculated
 Stand Examiner: Mario Molin
 Map Revised: 9/14/2011
 Map Phase: Pre-Review

Cover Type & Treatment Map

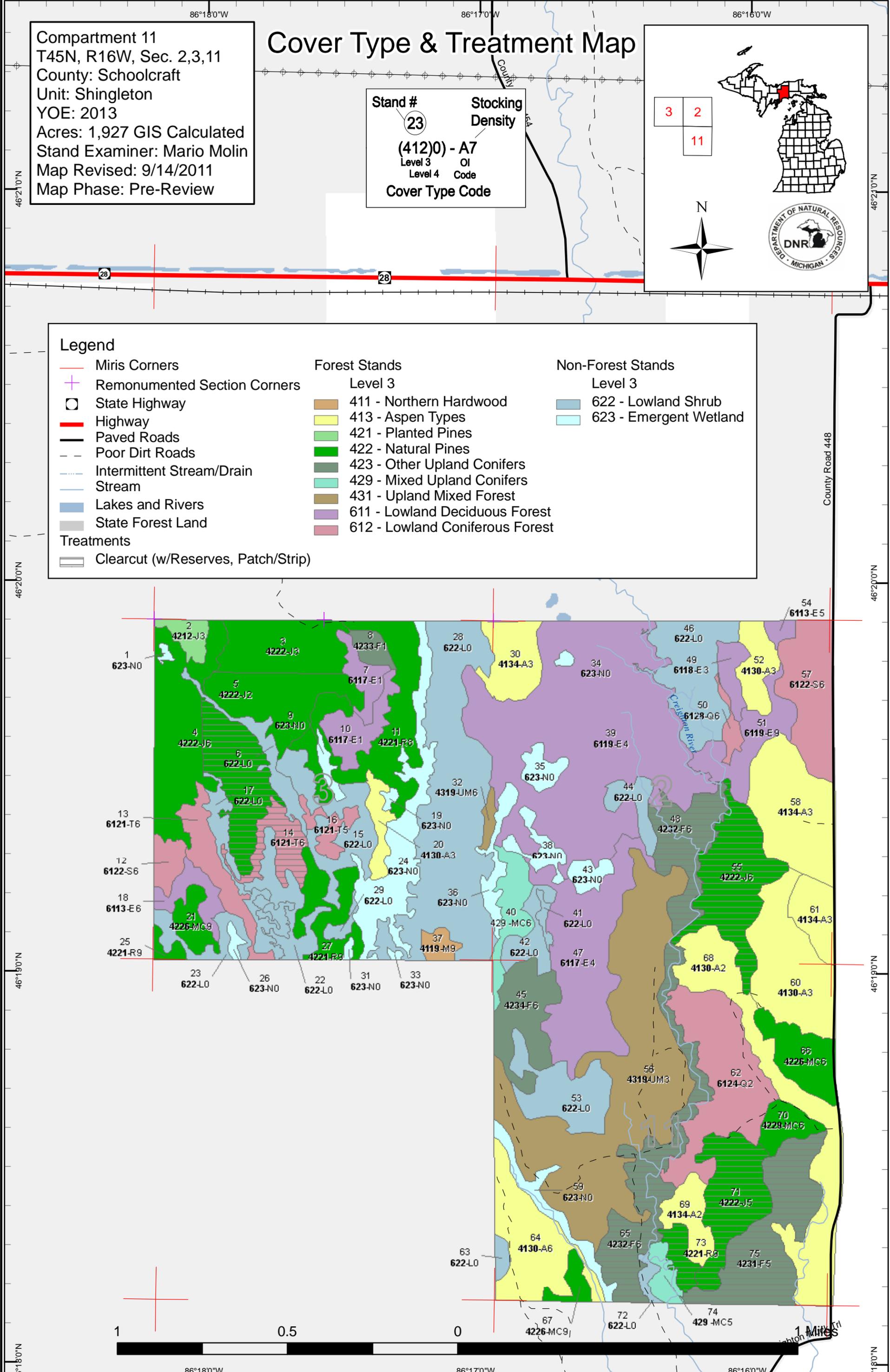
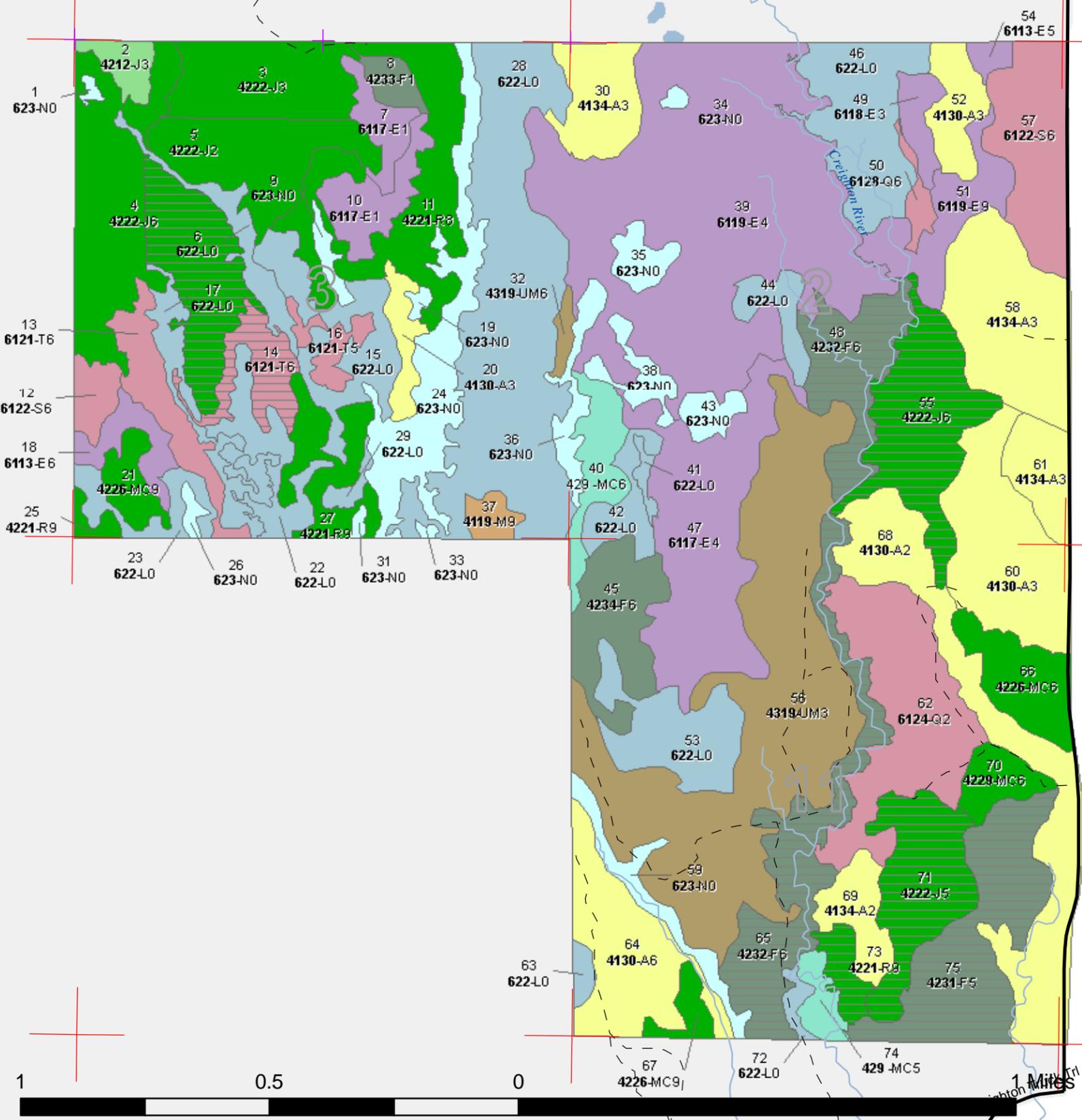
Stand #
 23
Stocking Density
 (412)0 - A7
 Level 3 OI
 Level 4 Code
Cover Type Code

Legend

<ul style="list-style-type: none"> — Miris Corners + Remonumented Section Corners □ State Highway — Highway — Paved Roads - - Poor Dirt Roads - · - Intermittent Stream/Drain — Stream — Lakes and Rivers — State Forest Land 	Forest Stands Level 3 <ul style="list-style-type: none"> 411 - Northern Hardwood 413 - Aspen Types 421 - Planted Pines 422 - Natural Pines 423 - Other Upland Conifers 429 - Mixed Upland Conifers 431 - Upland Mixed Forest 611 - Lowland Deciduous Forest 612 - Lowland Coniferous Forest 	Non-Forest Stands Level 3 <ul style="list-style-type: none"> 622 - Lowland Shrub 623 - Emergent Wetland
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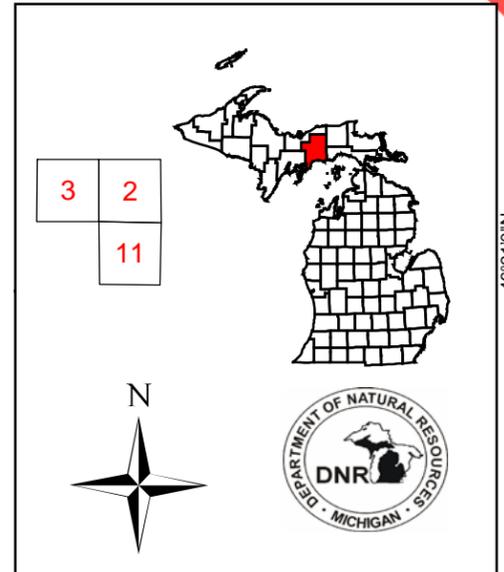
Treatments

- ▨ Clearcut (w/Reserves, Patch/Strip)



Compartment 11
 T45N, R16W, Sec. 2,3,11
 County: Schoolcraft
 Unit: Shingleton
 YOE: 2013
 Acres: 1,927 GIS Calculated
 Stand Examiner: Mario Molin
 Map Revised: 9/14/2011
 Map Phase: Pre-Review

Dedicated & Proposed Special Conservation Area Map



Legend

—	Miris Corners	Forest Stands
+	Remonumented Section Corners	Level 3
⋯	Proposed Special Conservation Areas	411 - Northern Hardwood
⋯	SCA - Special Conservation Area	413 - Aspen Types
⋯	SCA Removal	421 - Planted Pines
□	Stand Boundaries	422 - Natural Pines
		423 - Other Upland Conifers
		429 - Mixed Upland Conifers
		431 - Upland Mixed Forest
		611 - Lowland Deciduous Forest
		612 - Lowland Coniferous Forest
		Non-Forest Stands
		Level 3
		622 - Lowland Shrub
		623 - Emergent Wetland

Stand # **Stocking Density**

23
 (412)0 - A7
 Level 3 OI
 Level 4 Code
Cover Type Code

