



# Compartment Review Presentation

## Shingleton Forest Management Unit

Compartment 160

Entry Year 2015

Acreage: 1,556

County Schoolcraft

Management Area: Seney Manistique Swamp

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### Revision Date:

Stand Examiner: Mario Molin

### Legal Description:

T46N R16W Sections 7, 17 and 18

### Identified Planning Goals:

To provide multiple use benefits for the citizens of Michigan.

### Soil and topography:

Most of this compartment is low, flat and wet. There is some rolling upland terrain in the northeast part of section 17.

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

The state owns most of the land within the compartment boundaries, but the north half of section 7 is CFR land owned by Forest Land Group. On the Creighton Truck Trail, there is a privately-owned parcel in section 8 with two hunting camps on it that is adjacent to this compartment.

### Unique Natural Features:

No Unique Natural Features known.

### Archeological, Historical, and Cultural Features:

No Archeological, Historical, or Cultural Features known.

### Special Management Designations or Considerations:

Access to most of this compartment is going to be very difficult on a commercial setting, the west ½ is mainly marshland with scattered islands of timber.

### Watershed and Fisheries Considerations:

Commencement Creek is classified as non-designated non-trout water, and we have no information about any fishery that it might support.

### Wildlife Habitat Considerations:

This compartment lies within the Seney sand lake plain sub-subsection. The western portion of the compartment is primarily marsh and wet forest land. The eastern portion of the compartment is higher ground. The pre-settlement vegetation, as recorded by General land office surveyors, show hemlock, white pine, and red maple to have been the most prevalent trees in the uplands. Sugar maple, yellow birch, and beech were present in lesser amounts. The forested portions of the lowlands were dominated by cedar, spruce, and tamarack. It appears that current species distribution is similar to pre-settlement times with a potential increase in sugar maple. Wildlife habitat goals include, maintaining the hemlock component, protecting the marsh complex, and promoting species and structural diversity within the northern hardwoods. Wildlife species of special interest potentially utilizing this compartment include moose, and marsh hawk.

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

Surface sediments consist of lacustrine (lake) sand and gravel and coarse-textured glacial till. There is insufficient data to determine the glacial drift thickness. The Ordovician Prairie du Chien Group subgroups below the glacial drift. The PdC could be used for stone. Gravel pits are located to the west and potential appears to be good in Section 6 & 7. There is no commercial oil and gas production in the UP.

### Vehicle Access:

The Creighton Truck Trail (county road P454) provides access to the upland portion of this compartment in section 17. The area north of the marsh in section 7 may be reached from the Commencement Road by crossing the Forest Land Group lands, but this route would prove difficult at best. Most of the area is virtually inaccessible by vehicles other than snowmobiles.

### Survey Needs:

There are no known land survey needs at this time.

**Recreational Facilities and Opportunities:**

There are no developed recreation facilities within this compartment.

**Fire Protection:****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 & Treatment Map

Compartment: 160  
 T46N R16W  
 07 17 18  
 County: Schoolcraft  
 Unit: Shingleton  
 YOE: 2015  
 Acres: 1,556 GIS Calculated  
 Examiner: Mario Molin  
 Map Revised: 09/12/2013  
 Map Phase: Pre-Review

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

**Legend**

- Miris Corners
- + Remonumented Section Corners
- Highway
- County Paved Roads
- Paved Roads
- County Gravel Roads
- Gravel Roads
- Poor Dirt Roads
- County Poor Dirt Roads
- Trail (Non-Recreation)
- Closed Roads
- Stream
- Intermittent Stream
- Lakes and Rivers
- State Forest Land
- Treatments w/ Site Condition

**Treatments**

- Clearcut (w/Reserves, Patch/Strip)
- Other Harvest - See Comments

**Forest Stands**

Level 3

- 411 - Northern Hardwood
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest

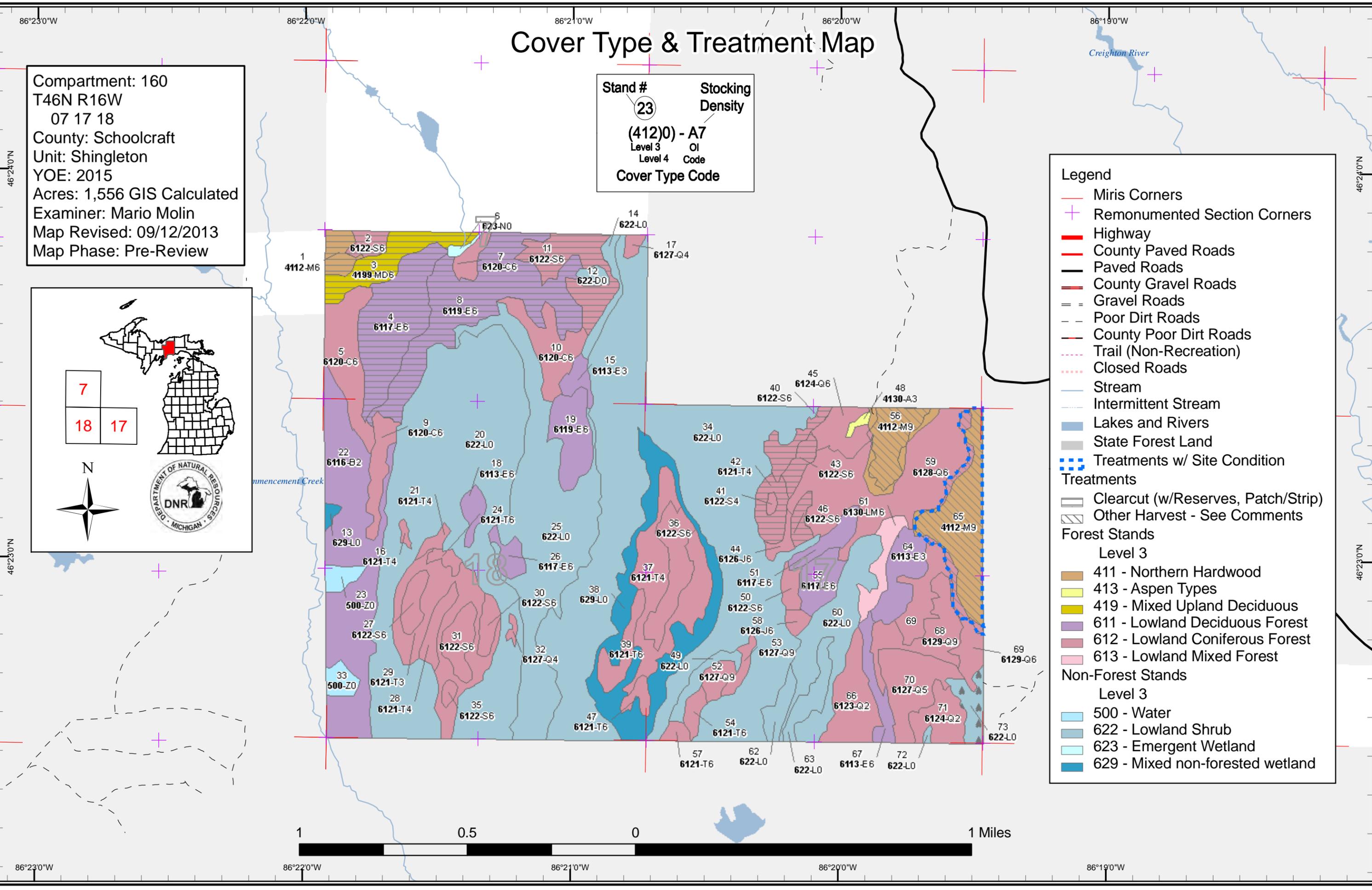
**Non-Forest Stands**

Level 3

- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- 629 - Mixed non-forested wetland

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18 17

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# Stand Boundary Map

Compartment: 160  
 T46N R16W  
 07 17 18  
 County: Schoolcraft  
 Unit: Shingleton  
 YOE: 2015  
 Acres: 1,556 GIS Calculated  
 Examiner: Mario Molin  
 Map Revised: 09/12/2013  
 Map Phase: Pre-Review

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

**Legend**

- Miris Corners
- + Remonumented Section Corners
- Highway
- County Paved Roads
- Paved Roads
- County Gravel Roads
- == Gravel Roads
- - Poor Dirt Roads
- - County Poor Dirt Roads
- - Trail (Non-Recreation)
- ... Closed Roads
- Stream
- - Intermittent Stream
- Stand Boundaries

**Forest Stands**

Level 3

- 411 - Northern Hardwood
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 611 - Lowland Deciduous Forest
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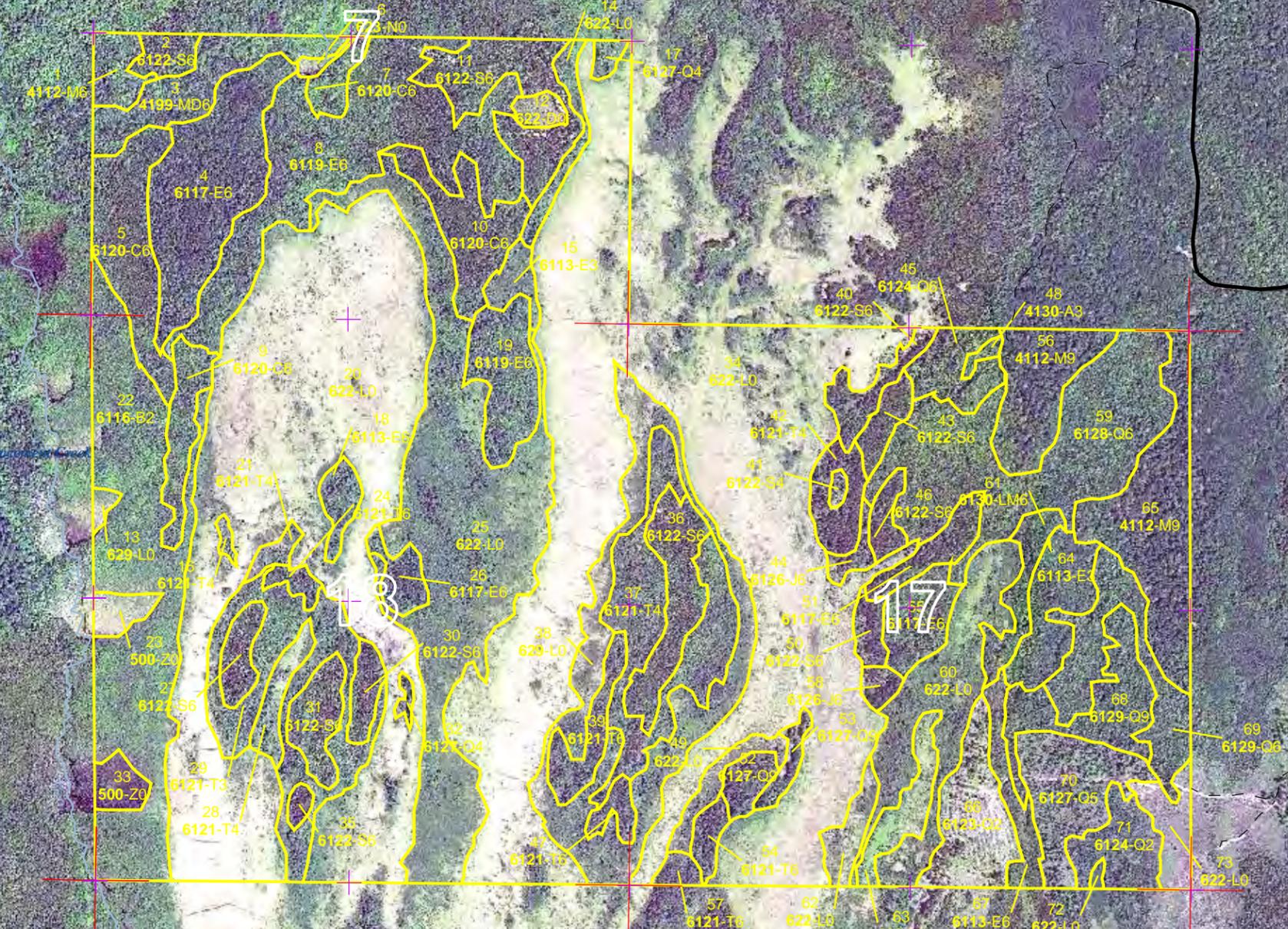
**Non-Forest Stands**

Level 3

- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- 629 - Mixed non-forested wetland

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18 17

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# Special Conservation Areas & Site Conditions Map

Compartment: 160  
 T46N R16W  
 07 17 18  
 County: Schoolcraft  
 Unit: Shingleton  
 YOE: 2015  
 Acres: 1,556 GIS Calculated  
 Examiner: Mario Molin  
 Map Revised: 09/12/2013  
 Map Phase: Pre-Review

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

**Legend**

- Miris Corners
- Remonumented Section Corners
- Stand Boundaries
- Available w/ Constraints (Factor - Number)
- Unavailable (Factor - Number)

**Site Condition Type**

**Available Factors W/ Constraints**

- 5B: Retention for regeneration purposes
- 2B: Unknown if access through adjacent landowner(s) is possible

**Unavailable Factors**

- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- 3L: Other wildlife concerns
- 5A: Not able to obtain desirable regeneration

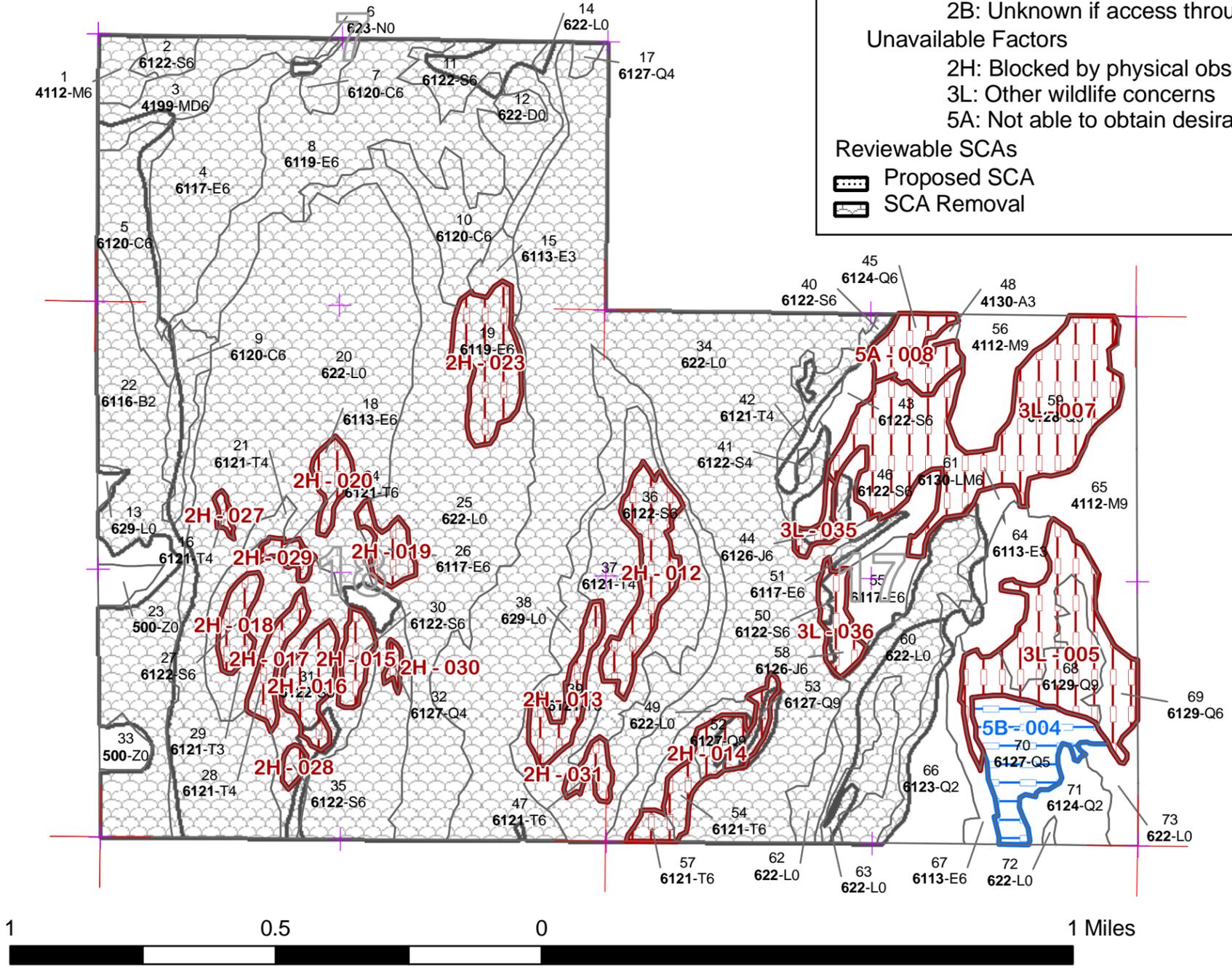
**Reviewable SCAs**

- Proposed SCA
- SCA Removal

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DEPARTMENT OF NATURAL RESOURCES  
MICHIGAN



86°23'0"W 86°22'0"W 86°21'0"W 86°20'0"W 86°19'0"W

46°24'0"N

46°23'0"N

46°24'0"N

46°23'0"N

Report 1 – Total Acres by Cover Type and Age Class



	Age Class													Total	
	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 +		Uneven Age
Aspen	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Cedar	0	0	0	0	0	0	0	29	29	0	0	0	0	0	58
Jack Pine	0	0	0	0	0	0	0	6	0	0	0	0	0	0	6
Lowland Conifers	21	0	0	13	0	0	0	2	34	0	45	74	0	0	187
Lowland Deciduous	0	16	0	14	0	8	0	77	28	41	0	0	0	0	185
Lowland Mixed Forest	0	9	0	0	0	0	0	0	0	0	0	0	0	0	9
Lowland Shrub	730	0	0	0	0	0	0	0	0	0	0	0	0	0	730
Lowland Spruce/Fir	0	0	0	0	0	0	0	4	87	0	0	0	0	0	91
Marsh	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Mixed Upland Deciduous	0	0	0	0	0	0	0	0	0	20	0	0	0	0	20
Northern Hardwood	0	0	0	0	0	0	7	0	56	0	0	0	0	0	63
Paper Birch	0	0	0	79	0	0	0	0	0	0	0	0	0	0	79
Tamarack	0	0	36	36	0	3	0	19	19	0	0	0	0	0	113
Treed Bog	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Water	9	0	0	0	0	0	0	0	0	0	0	0	0	0	9
<b>Total</b>	<b>764</b>	<b>26</b>	<b>36</b>	<b>143</b>	<b>0</b>	<b>10</b>	<b>7</b>	<b>137</b>	<b>253</b>	<b>61</b>	<b>45</b>	<b>74</b>	<b>0</b>	<b>0</b>	<b>1556</b>



## Report 2 – Proposed Treatment Summaries

**Shingleton Mgt. Unit**  
**Year of Entry 2015**

**Compartment 160**  
**Total Compartment Acres: 1,556**

### Acres by Treatment Type

Commercial Harvest - 245    Tree Planting - 0    Other - 0  
 Habitat Cut - 0    Opening Maintenance - 0

### Cover Type by Harvest Method

	<i>Clearcut</i>	<i>Selection</i>	<i>Seed Tree</i>	<i>Shelterwood</i>	<i>Thinning</i>	<i>Other - Specify</i>	<i>Total Acres</i>
<b>Lowland Coniferous Forest</b>	55	0	0	0	0	0	<b>55</b>
<b>Lowland Deciduous Forest</b>	107	0	0	0	0	0	<b>107</b>
<b>Mixed Upland Deciduous</b>	20	0	0	0	0	0	<b>20</b>
<b>Northern Hardwood</b>	7	0	0	0	0	57	<b>64</b>
<b>Total</b>	<b>188</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>57</b>	<b>245</b>



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
1	41160001-Cut	7.0	4112 - Maple, Beech, Cherry Association	High Density Pole	65	51-80	Harvest	Clearcut with Reserves	4115 - Y.Birch, Hemlock NH	Cmpt. Review Proposal
<u>Prescription</u> Clear cut with yellow birch, cedar and hemlock reserved.										
<u>Specs:</u>										
<u>Other</u> Small stand being treated because we are going to be there for the surrounding stands and most likely not coming back for a very long time.										
<u>Comments:</u> Stand falls in or near the obligate deer yard, this harvest can benefit deer.										
<u>Next</u> Follow up according to work instructions.										
<u>Steps:</u> Acceptable regeneration is a mix of current species on site.										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2014										
2	41160002-Cut	5.0	6122 - Black Spruce	High Density Pole	84	51-80	Harvest	Clearcut	6122 - Black Spruce	Cmpt. Review Proposal
<u>Prescription</u> Clearcut with W. pine reserved.										
<u>Specs:</u>										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u> Follow up according to work instructions.										
<u>Steps:</u> Acceptable regeneration is a mix of current species on site.										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2014										
3	41160003-Cut	19.5	4199 - Other Mixed Upland Deciduous	High Density Pole	97	81-110	Harvest	Clearcut with Reserves	4199 - Other Mixed Upland Deciduous	Cmpt. Review Proposal
<u>Prescription</u> Clear cut with elm reserved, retention will be an island.										
<u>Specs:</u>										
<u>Other</u> This falls in or near the obligate deer yard, this harvest can be beneficial for deer.										
<u>Comments:</u>										
<u>Next</u> Follow up according to work instructions.										
<u>Steps:</u> Acceptable regeneration is a mix of current species on site.										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2014										
4	41160004-Cut	41.2	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	97	81-110	Harvest	Clearcut with Reserves	6117 - Lowland Deciduous, Mixed Coniferous	Cmpt. Review Proposal
<u>Prescription</u> Clear cut with elm reserved and island retention.										
<u>Specs:</u>										
<u>Other</u>										
<u>Comments:</u>										
<u>Next</u> Follow up according to work instructions.										
<u>Steps:</u> Acceptable regeneration is a mix of current species on site.										
<u>Proposed</u>										
<u>Start Date:</u> 10/01/2014										

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Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
8 41160008-Cut	65.6	6119 - Mixed Lowland Deciduous Forest	High Density Pole	74	51-80	Harvest	Clearcut with Reserves	6119 - Mixed Lowland Deciduous Forest	Cmpt. Review Proposal

Prescription Clear cut with patch reserves. Stand is highly variable so cut line will not always follow stand line. There are areas with more cedar and areas with little to no merchantable trees- these should be left out.

Other Comments:

Next Steps: Follow up according to work instructions.  
Acceptable regeneration is a mix of current species on site.

Proposed Start Date: 10/01/2014

11 41160011-Cut	23.1	6122 - Black Spruce	High Density Pole	84	81-110	Harvest	Clearcut with Reserves	6122 - Black Spruce	Cmpt. Review Proposal
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Prescription Clear cut with red and white pine large diameter trees reserved. Also put retention around the edge of the bog.

Other Comments:

Next Steps: Follow up according to work instructions.  
Acceptable regeneration is a mix of current species on site.

Proposed Start Date: 10/01/2014

40 41160040-Cut	7.5	6122 - Black Spruce	High Density Pole	84	51-80	Harvest	Clearcut with Reserves	6122 - Black Spruce	Cmpt. Review Proposal
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Prescription Clear cut with red and white pine and hemlock reserved.

Other Comments:

Next Steps: Follow up according to work instructions.  
Acceptable regeneration is a mix of current species on site.

Proposed Start Date: 10/01/2016

42 41160042-Cut	9.3	6121 - Tamarack	Low Density Pole	79	51-80	Harvest	Clearcut with Reserves	6121 - Tamarack	Cmpt. Review Proposal
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Prescription Clear cut with red and white pine and hemlock reserved.

Other Comments:

Next Steps: Follow up according to work instructions.  
Acceptable regeneration is a mix of current species on site.

Proposed Start Date: 10/01/2016



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Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
43 41160043-Cut	5.5	6122 - Black Spruce	High Density Pole	84	51-80	Harvest	Clearcut with Reserves	6122 - Black Spruce	Cmpt. Review Proposal

Prescription Clear cut with red and white pine and hemlock reserved.

Specs:

Other

Comments:

Next Follow up according to work instructions.

Steps: Acceptable regeneration is a mix of current species on site.

Proposed

Start Date: 10/01/2016

46 41160046-Cut	4.4	6122 - Black Spruce	High Density Pole	84	51-80	Harvest	Clearcut with Reserves	6122 - Black Spruce	Cmpt. Review Proposal
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Prescription Clear cut with red and white pine, and hemlock reserved.

Specs:

Other

Comments:

Next Follow up according to work instructions.

Steps: Acceptable regeneration is a mix of current species on site.

Proposed

Start Date: 10/01/2016

56 41160056-Cut	15.8	4112 - Maple, Beech, Cherry Association	High Density Log	80	51-80	Harvest	Other - Specify in Comments	4112 - Maple, Beech, Cherry Association	Cmpt. Review Proposal
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Prescription Beech salvage

Specs:

Other

Comments:

Next After harvest evaluate site for followup treatments.

Steps:

Proposed

Start Date: 10/01/2013

**Total Treatment  
Acreage Proposed: 204.0**



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Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
65 41160065-Cut	41.0	4112 - Maple, Beech, Cherry Association	High Density Log	80	81-110	Harvest	Other - Specify in Comments	4111 - S.Maple, Hard Mast Association	Cmpt. Review Proposal

Prescription Beech salvage.

Specs:

Other

Comment:

Next Evaluate stand after harvest for follow treatment.

Steps:

Proposed

Start Date: 10/01/2013

Limiting Factor 3L: Other wildlife concerns

**Total Treatment  
Acreage Proposed: 41.0**

## Report 5 – Site Conditions

Shingleton Mgt. Unit

Mario Molin : Examiner

Compartment 160

Year of Entry 2015

### Availability for Management

Total Acres	Acres		Dominant Site Conditions	No	5B	5A	3L	2H
	Available	Not Available						
1	1		<b>Aspen</b>	1				
58	58		<b>Cedar</b>	58				
6		6	<b>Jack Pine</b>				6	
187	64	123	<b>Lowland Conifers</b>	41	22	11	102	10
185	156	28	<b>Lowland Deciduous</b>	156				28
9	9		<b>Lowland Mixed Forest</b>	9				
91	47	44	<b>Lowland Spruce/Fir</b>	47			4	40
20	20		<b>Mixed Upland Deciduous</b>	20				
63	63		<b>Northern Hardwood</b>	63				
79	79		<b>Paper Birch</b>	79				
113	84	29	<b>Tamarack</b>	84				29
811	580	231	Total Forested Acres	558	22	11	112	108
	72%	28%	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
004	<b>Available</b>	<b>5B: Retention for regeneration purposes</b>	22				
<b>Comments:</b>							
005	<b>Not Available</b>	<b>3L: Other wildlife concerns</b>	44				
<b>Comments:</b> Stand is 75% Hemlock and gets coded as a Q-type.....So it meets age criteria as a Q.							
007	<b>Not Available</b>	<b>3L: Other wildlife concerns</b>	65				
<b>Comments:</b> Stand is Hemlock and gets coded as a Q-type.....So it meets age criteria as a Q.							

## Report 5 – Site Conditions

Shingleton Mgt. Unit  
Mario Molin : Examiner

Compartment 160  
Year of Entry 2015

008	<b>Not Available</b>	5A: Not able to obtain desirable regeneration	11	
<b>Comments:</b>				
012	<b>Not Available</b>	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	18	
<b>Comments:</b> Stand is healthy and looks like it will hold untill next entry				
013	<b>Not Available</b>	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	9	
<b>Comments:</b> Stand is healthy and looks like it will hold untill next entry				
014	<b>Not Available</b>	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	15	
<b>Comments:</b>				
015	<b>Not Available</b>	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	5	
<b>Comments:</b>				
016	<b>Not Available</b>	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	10	
<b>Comments:</b>				

**Report 5 – Site Conditions**

Shingleton Mgt. Unit  
 Mario Molin : Examiner

Compartment 160  
 Year of Entry 2015

017	Not Available	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	6
Comments:			
018	Not Available	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	6
Comments:			
019	Not Available	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	6
Comments:			
020	Not Available	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	5
Comments:			
023	Not Available	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	18
Comments:			
027	Not Available	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	1
Comments:			

Report 5 – Site Conditions

Shingleton Mgt. Unit  
Mario Molin : Examiner

Compartment 160  
Year of Entry 2015

028	Not Available	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	2
Comments:			
029	Not Available	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	3
Comments:			
030	Not Available	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	1
Comments:			
031	Not Available	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	4
Comments:			
035	Not Available	3L: Other wildlife concerns	3
Comments:			
036	Not Available	3L: Other wildlife concerns	7
Comments:			



## Report 6 – 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
<b>Unspecified</b> <b>Comments</b> Tag alder etc.	Other SCA		<b>SCA Removal</b>	
<b>Unspecified</b> <b>Comments</b> mostly spruce and tamarack in the 80-ish age as well as some Q-types, nothing that would suggest any type of old growth	Potential Old Growth		<b>SCA Removal</b>	



**Report 7 – 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
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.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	4112 - Maple, Beech, Cherry Association	High Density Pole	7.0	65	51-80	R.MAPLE 20 20 30 W.SPRUCE 10 // CEDAR 10 //  Small pocket of extra large hemlock in southeast corner P.BIRCH /// Y.BIRCH 20 // B.FIR 10 20 / ASPEN / 10 / HEMLOCK // 10
2	6122 - Black Spruce	High Density Pole	5.0	84	51-80	Spruce with a mix of hardwood scattered throughout. B.SPRUCE / 90 70 B.FIR 10 // / P.BIRCH 20 // / R.MAPLE 30 // / W.PINE 10 // /
3	4199 - Other Mixed Upland Deciduous	High Density Pole	19.5	97	81-110	P.BIRCH 50 60 50 R.MAPLE 20 10 20 B.FIR 10 10 / BEECH / 10 / ASPEN // 10  Good quality and healthy p. birch reaching in the log class, beech in the northwest corner.
4	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	41.2	97	81-110	Similar to stand to the north, lower wetter site, trees are smaller but still very healthy looking.
5	6120 - Lowland Cedar	High Density Pole	24.2	85	171-200	Dense stand of pole sized cedar, shows signs of good regeneration in openings. Size class does vary throughout the stand.
7	6120 - Lowland Cedar	High Density Pole	5.0	85	51-80	
8	6119 - Mixed Lowland Deciduous Forest	High Density Pole	65.6	74	51-80	Highly variable of species composition and density, there is a noticeable amount of elm in the stand.
9	6120 - Lowland Cedar	High Density Pole	10.7	74	51-80	
10	6120 - Lowland Cedar	High Density Pole	18.1	74	81-110	Variable size and stocking in the stand.
11	6122 - Black Spruce	High Density Pole	23.1	84	81-110	Has a ridge east to west, stand is potentially overstocked, spruce is fairly small considering the spruce in the surrounding area, small pole size with a significant amount of submerchantable mixed in.
15	6113 - Lowland Maple	High Density Sapling	5.0	30	1-50	Old L-type converting to forested, multiple sizes in the sapling/pole classes- age is an estimate. Other species were present such as tamarack but are all dead.
16	6121 - Tamarack	Low Density Pole	1.1	79	1-50	Lots of dead.

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## Shingleton Mgt. Unit

## Report 8 – Forested Stands

Compartment: 160  
Year of Entry: 2015

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
17	6127 - Lowland Pine	Low Density Pole	2.0	74	1-50	Small finger from other compartment, trees are very poor quality.
18	6113 - Lowland Maple	High Density Pole	5.0	82	51-80	Spruce in northwest corner.
19	6119 - Mixed Lowland Deciduous Forest	High Density Pole	17.6	85	51-80	
21	6121 - Tamarack	Low Density Pole	2.6	50	1-50	Age is an estimate, stand is establishing/growing into the marsh.
22	6116 - Lowland Birch	Medium Density	79.4	35		Age is an estimate, stand seems to be establishing itself in a former shub type
24	6121 - Tamarack	High Density Pole	2.7	79	81-110	
26	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	5.7	89	1-50	Stand has multi storied look, birch being dominate with maple and cedar co-dominate, maple and spruce as an understory. Stand is very small so this look is most likely due to edge effect.
27	6122 - Black Spruce	High Density Pole	6.0	86	111-140	Access will be an issue. Stand is healthy
28	6121 - Tamarack	Low Density Pole	6.3	75	1-50	
29	6121 - Tamarack	High Density Sapling	35.6	25		Transition zone.
30	6122 - Black Spruce	High Density Pole	5.2	86	81-110	Tamarack on the southeast.
31	6122 - Black Spruce	High Density Pole	9.6	88	81-110	
32	6127 - Lowland Pine	Low Density Pole	1.2	108	1-50	
35	6122 - Black Spruce	High Density Pole	1.7	83	111-140	
36	6122 - Black Spruce	High Density Pole	17.5	84	111-140	Would consider harvesting (like many of the spruce stands) if access was not so incredibly difficult. Trees are healthy and very tall (potentially 80ft)
37	6121 - Tamarack	Low Density Pole	36.2	35	1-50	
39	6121 - Tamarack	High Density Pole	9.0	80	81-110	



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
40	6122 - Black Spruce	High Density Pole	7.5	84	51-80	
41	6122 - Black Spruce	Low Density Pole	1.0	84	1-50	
42	6121 - Tamarack	Low Density Pole	9.3	79	51-80	
43	6122 - Black Spruce	High Density Pole	5.5	84	51-80	
44	6126 - Lowland Jack Pine	High Density Pole	3.1	78	1-50	Seeding into the marsh.
45	6124 - Lowland Spruce- Fir	High Density Pole	11.1	82	81-110	
46	6122 - Black Spruce	High Density Pole	4.4	84	51-80	
47	6121 - Tamarack	High Density Pole	3.6	80	51-80	
48	4130 - Aspen	High Density Sapling	1.3	16		
50	6122 - Black Spruce	High Density Pole	4.1	79		Has a mix of everything.
51	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	7.9	50	51-80	
52	6127 - Lowland Pine	High Density Log	5.1	112	51-80	
53	6127 - Lowland Pine	High Density Log	3.8	112	51-80	
54	6121 - Tamarack	High Density Pole	4.0	80	51-80	Includes a small pocket of aspen.
55	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	11.5	77	81-110	
56	4112 - Maple, Beech, Cherry Association	High Density Log	20.5	80	51-80	Prescribed for beech salvage.
57	6121 - Tamarack	High Density Pole	2.6	82	81-110	Mix of size classes. TAM 80 110 / R.MAPLE 20 / 10 B.SPRUCE / / 20

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## Shingleton Mgt. Unit

## Report 8 – Forested Stands

Compartment: 160

Year of Entry: 2015



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
58	6126 - Lowland Jack Pine	High Density Pole	2.8	79	51-80	Jack pine is seeding into the marsh.
59	6128 - Lowland Coniferous, Mixed Deciduous	High Density Pole	64.8	112	81-110	Large stand with lots of variability, size classes and species composition changes throughout.
61	6130 - Fir, Aspen, Maple	High Density Pole	9.1	16	1-50	Small pocket of large hemlock on the south end. Stand is part of larger stand from previous inventory, this new stand seems to be the residual submerchantable trees from that harvest. Stand is actually older than what is recorded.
64	6113 - Lowland Maple	High Density Sapling	16.1	16		Lots of nice paper and yellow birch regen in the skid trails.
65	4112 - Maple, Beech, Cherry Association	High Density Log	35.6	80	81-110	Prescribed for beech salvage.
66	6123 - Lowland Fir	Medium Density	20.7	3		Cut in 2010.
67	6113 - Lowland Maple	High Density Pole	9.0	30		Transition zone and or drainage, stand is filling in with a variety of species which are of all sizes in the sapling range- age is estimated.
68	6129 - Mixed Coniferous Lowland Forest	High Density Log	19.8	106	111-140	Hemlock 150 110 100
69	6129 - Mixed Coniferous Lowland Forest	High Density Pole	23.8	106		Was part of surrounding hemlock stands but is different enough to be its own now. Trees are smaller in size class, site shows signs of being wetter.
70	6127 - Lowland Pine	Medium Density Pole	22.4	80	1-50	Cut in 2010 with a significant amount of white pine being reserved.
71	6124 - Lowland Spruce- Fir	Medium Density	12.9	30		Age is an estimate, site seems to be converting back to forested with a variety of species and sizes.



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
6	6239 - Mixed Emergent Wetland	1.3	No	Unspecified	
12	6224 - Treed Bog	3.1	No	Unspecified	
13	629 - Mixed non-forested wetland	1.5	No	Unspecified	
14	6220 - Alder/willow	6.2	No	Unspecified	
20	6220 - Alder/willow	212.7	No	Unspecified	
23	50 - Water	4.3	No	Unspecified	
25	6220 - Alder/willow	103.8	No	Unspecified	
33	50 - Water	5.0	No	Unspecified	standing dead trees, best guess is that it is a pond now.
34	6220 - Alder/willow	285.2	No	Unspecified	
38	629 - Mixed non-forested wetland	51.6	No	Unspecified	small pocket of mature tamarack in the northeast corner
49	6229 - Mixed lowland shrub	6.1	Unspecified	Unspecified	
60	6220 - Alder/willow	37.7	No	Unspecified	
62	6220 - Alder/willow	6.5	No	Unspecified	
63	6220 - Alder/willow	9.5	No	Unspecified	
72	6220 - Alder/willow	0.6	No	Unspecified	Scattered tamarack, white pine and balsam fir.
73	6229 - Mixed lowland shrub	8.6	Natural Regen	Lowland Conifers	Stand was cut in 2009.