



Compartment Review Presentation

Sault Ste. Marie Forest Management Unit

Compartment 16

Entry Year 2016

Acreage: 2,439

County Chippewa

Management Area: Drummond Island

Revision Date: 06/17/2014

Stand Examiner: Jeff Wise

Legal Description:

T41N, R07E, Sec 5-8

Identified Planning Goals:

To treat by harvesting, silviculturally mature aspen, white spruce, and white birch stands to optimize regeneration and enhance current habitat conditions. To treat the hardwood stands containing a sufficient beech component with Beech Bark Disease by salvaging any still viable beech. Maintaining current open areas with different maintenance options to address habitat considerations for species that benefit by openings. To provide adequate recreational opportunities for ORV's and snowmobiles while conserving the compartment's unique natural features.

Soil and topography:

Soils are Shelter-Posen-Summerville Association; poorly drained, shallow bedrock, and scattered glacial deposits. The compartment topography is flat to gently rolling, and rocky in places.

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

The compartment is surrounded by State land except on the south west corner. Most are seasonal cabins with one residential property on the west side.

Unique Natural Features:

Alvar habitat is found within this compartment with the potential for rare plant and animal habitat. All proposed management activities have taken these concerns into consideration.

Archeological, Historical, and Cultural Features:

There are known concerns within the compartment. All proposed management activities have taken these concerns into consideration.

Special Management Designations or Considerations:

Hardwood stands containing beech with Beech Bark Disease will be treated outside of rotational schedule if warranted.

Watershed and Fisheries Considerations:

Dry Lake and Dickenson Lake border the compartment. Both lakes have intermittent streams associated with them. Standard BMPs should be applied.

Wildlife Habitat Considerations:

This compartment is located in the Drummond Island Management Area. It consists of a mix of cover types ranging from aspen and northern hardwoods to mixed conifers and cedar as well as a larger opening. The cover type is influenced by shallow soils over limestone bedrock common throughout the island. The southeast corner borders Dickinson Lake. Wildlife management objectives include maintaining aspen habitat ruffed grouse and snowshoe hare while managing for stands of varying age classes, diversifying northern hardwood stands and maintaining habitat for hawks, retaining the lowland conifer cover used by deer and snowshoe hare, maintaining the opening for sharp-tailed grouse, and protecting wetland and shoreline habitat for waterfowl and other migratory birds and wetland wildlife. Lakes and wetlands will be buffered appropriately to maintain the aquatic and shoreline habitat. Adequate measures will be taken to protect rare or unique features.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of thin to discontinuous glacial deposits over bedrock. The glacial drift thickness is less than 50 feet. The Silurian Manistique and Engadine groups subcrop below the glacial drift. The Engadine is quarried for stone/dolomite on the island to the west. A gravel pit is located two miles to the south and potential is unknown. A Trenton exploratory test was drilled in 1944 to the south of the compartment. There is no current economic oil and gas production in the UP. A "roadside" gravel pit is located within the compartment.

Vehicle Access: (continued on next page)

One County maintained gravel road, the Sheep Ranch Road, as well as good/poor dirt trails give reasonable access for recreational opportunities. An ORV trail and parking lot are also available. The dirt roads are snow trail in winter.

Survey Needs:

Nothing needed this YOE.

Recreational Facilities and Opportunities:

An ORV trail head and parking lot are available as well as trails. The snow trail also starts here. Other opportunities are hunting for deer, grouse, and mushrooms. The roads contain several pullout spots for camping.

Fire Protection:

Very little water is available in the compartment. Dry Lake has access through private. Roads are adequate for access.

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: 016
 T41N R07E Sections 5-8
 County: Chippewa
 Unit: Sault Ste. Marie
 Management Area: Drummond Island
 YOE: 2016
 Acres: 2,439 GIS Calculated
 Examiner: Jeff Wise
 Map Revised: 08/06/2014
 Map Phase: Pre-Review

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

Legend

- Miris Corners
- Remonumented Section Corners
- PLSS Corner
- GPS Point
- ORV Routes
- ORV Trails
- Snowmobile Trails
- Highway
- County Paved Roads
- Paved Roads
- County Gravel Roads
- Gravel Roads
- Poor Dirt Roads
- County Poor Dirt Roads
- Trail (Non-Recreation)
- ORV Route
- ORV Trail
- Snowmobile Trail
- Stream
- Intermittent Stream
- Lakes and Rivers
- State Forest Land

Treatments

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

Forest Stands

Level 3

- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 431 - Upland Mixed Forest
- 612 - Lowland Coniferous Forest

Non-Forest Stands

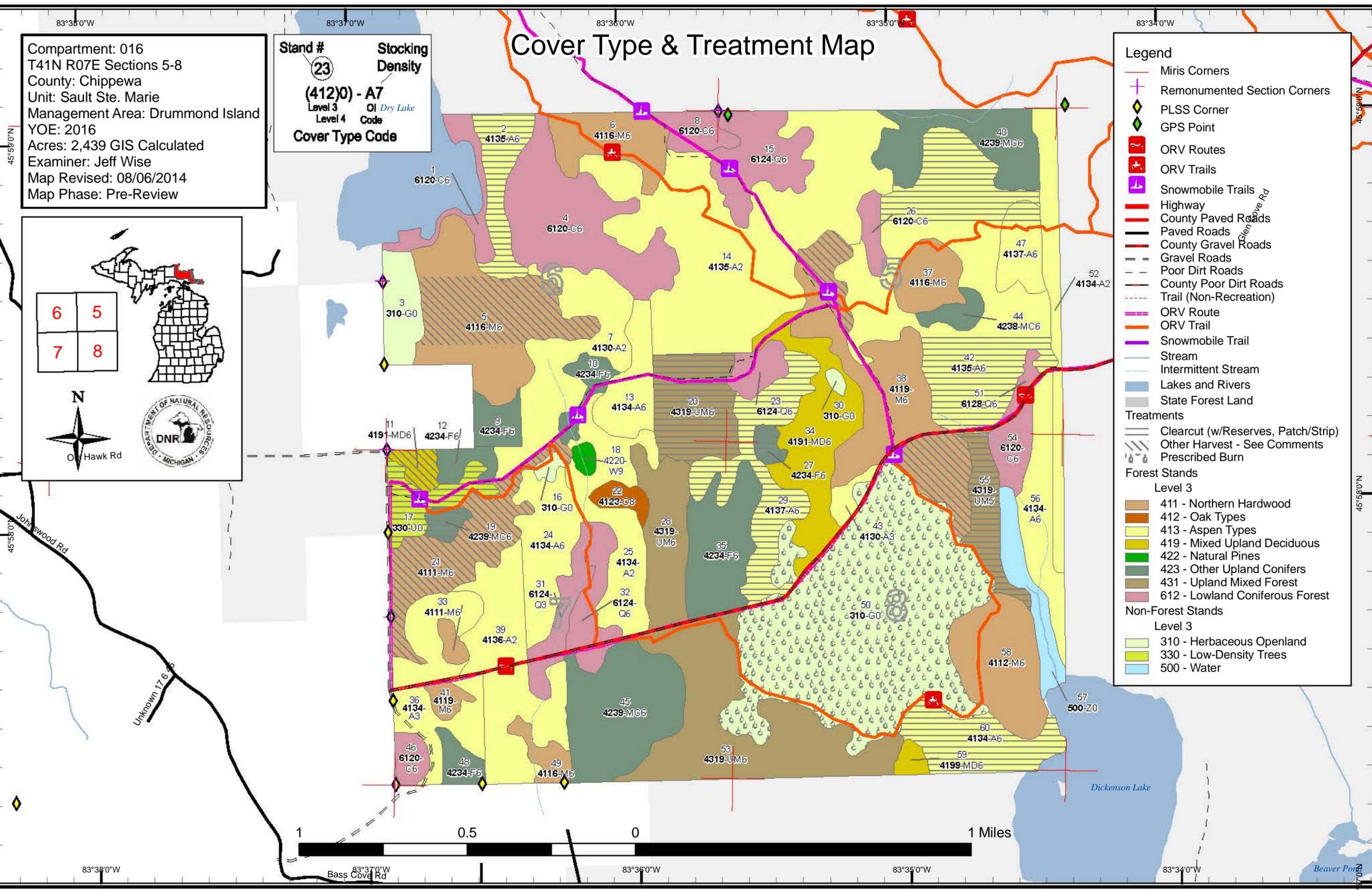
Level 3

- 310 - Herbaceous Openland
- 330 - Low-Density Trees
- 500 - Water

6 5
 7 8

N

Old Hawk Rd



Stand Boundary Map

Compartment: 016
 T41N R07E Sections 5-8
 County: Chippewa
 Unit: Sault Ste. Marie
 Management Area: Drummond Island
 YOE: 2016
 Acres: 2,439 GIS Calculated
 Examiner: Jeff Wise
 Map Revised: 08/06/2014
 Map Phase: Pre-Review

Stand #
 23
Stocking Density
 (4120) - A7
 Level 3 OI
 Level 4 Code
Cover Type Code

Legend

- Miris Corners
- + Remonumented Section Corners
- ◆ PLSS Corner
- ◆ GPS Point
- ORV Routes
- ORV Trails
- Snowmobile Trails
- Highway
- County Paved Roads
- Paved Roads
- County Gravel Roads
- Gravel Roads
- Poor Dirt Roads
- County Poor Dirt Roads
- Trail (Non-Recreation)
- ORV Route
- ORV Trail
- Snowmobile Trail
- Stream
- Intermittent Stream
- Stand Boundaries

Forest Stands

Level 3

- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
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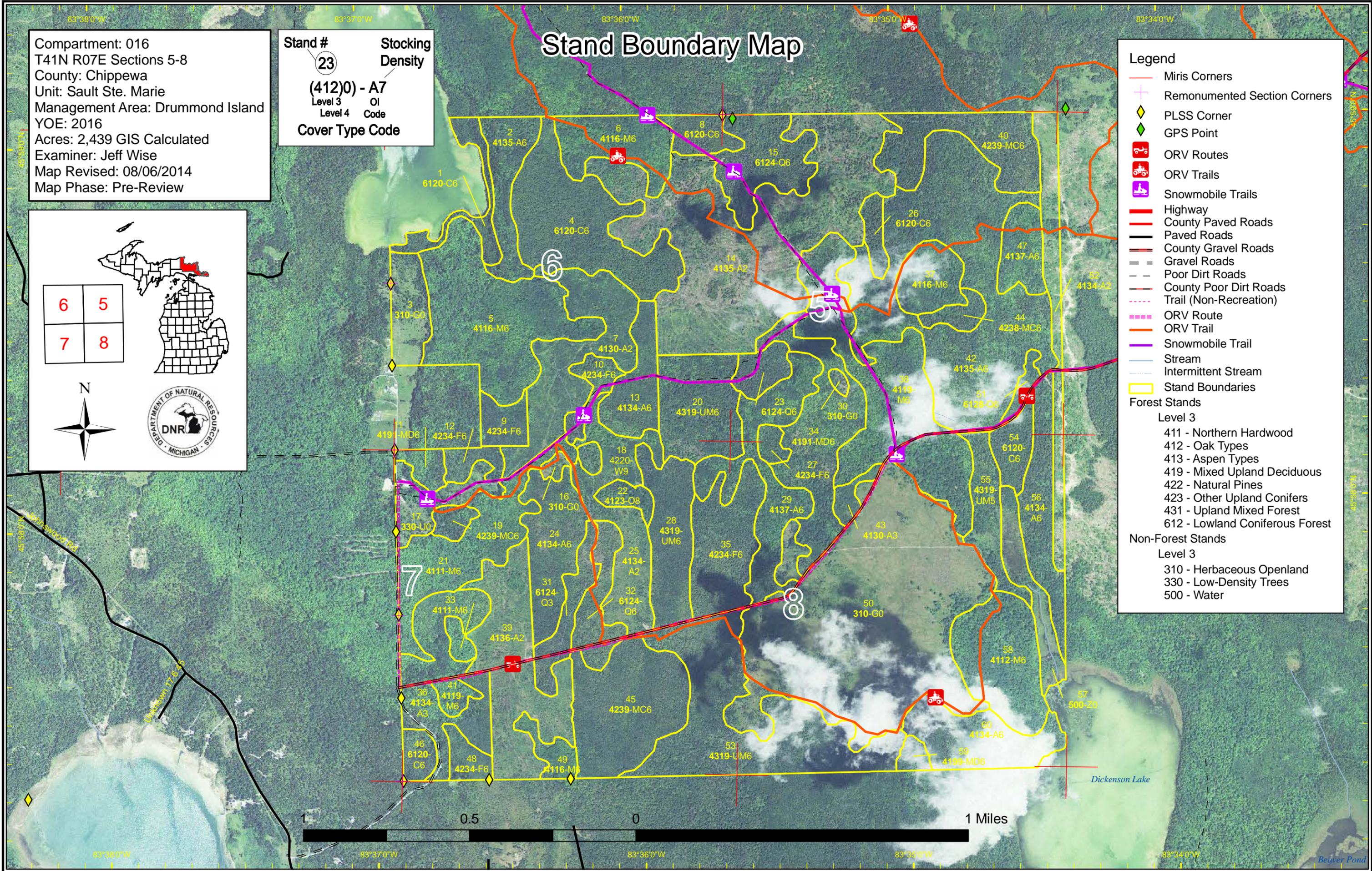
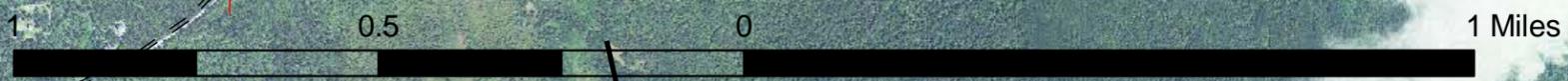
Non-Forest Stands

Level 3

- 310 - Herbaceous Openland
- 330 - Low-Density Trees
- 500 - Water

6	5
7	8

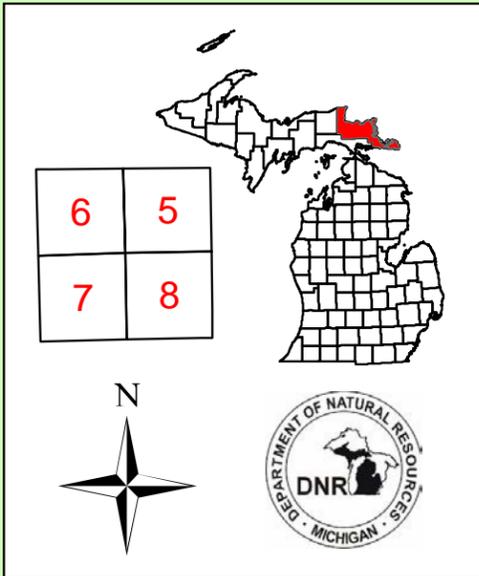
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Special Conservation Areas & Site Conditions Map

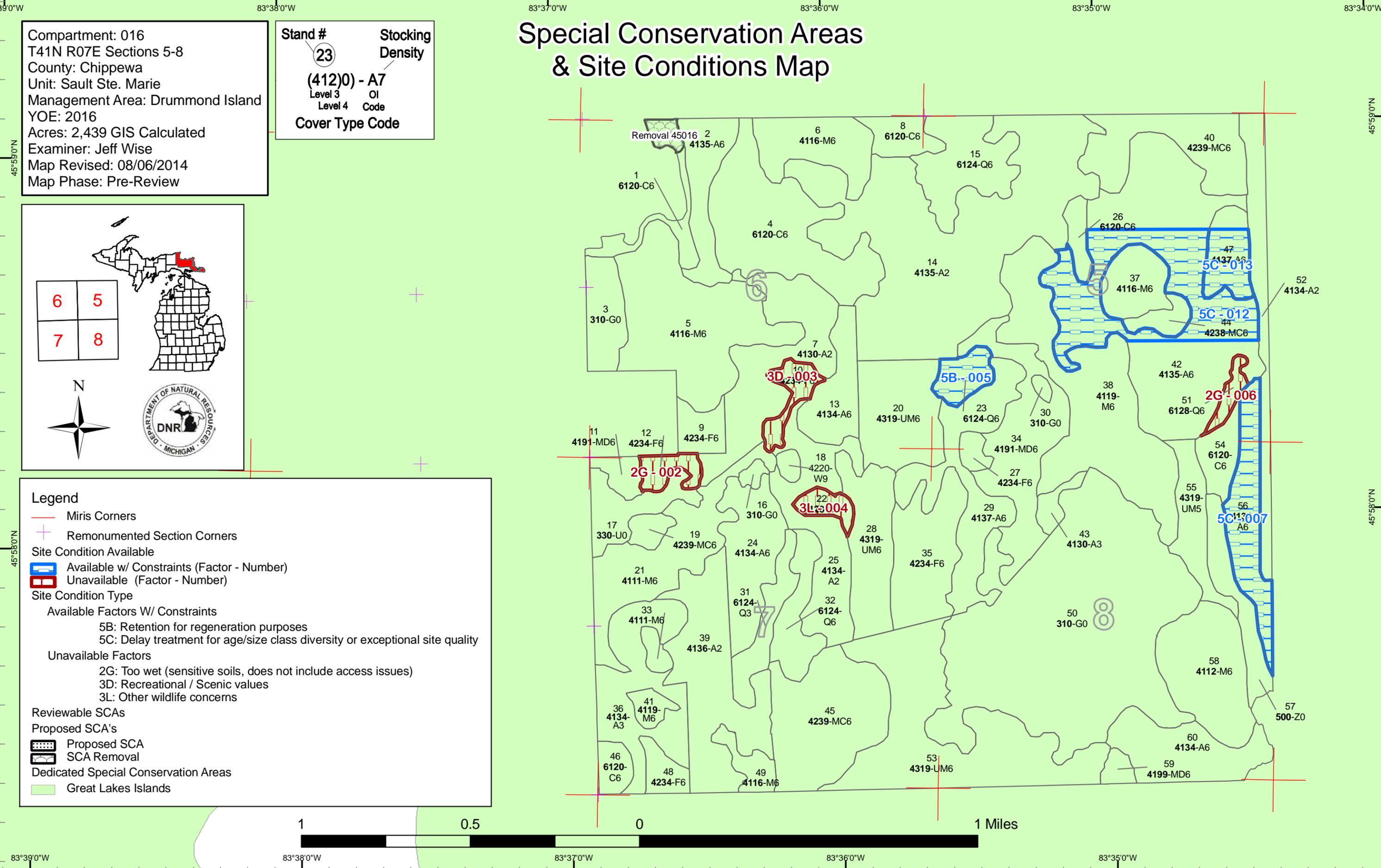
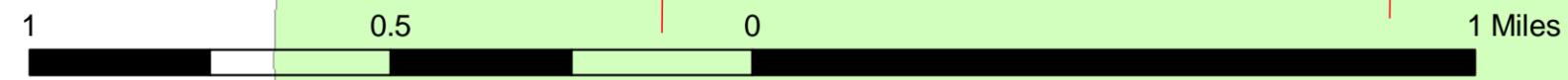
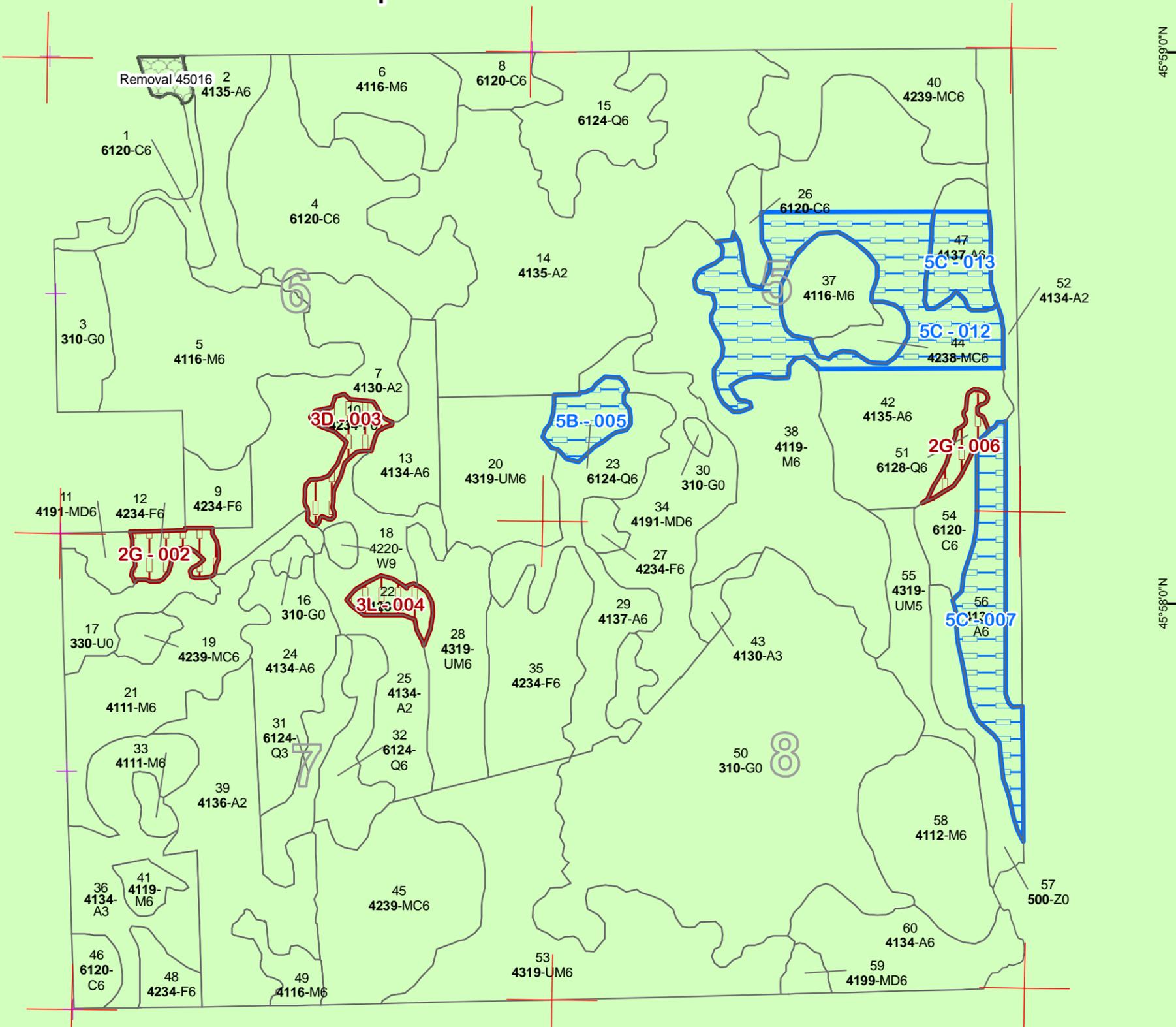
Compartment: 016
 T41N R07E Sections 5-8
 County: Chippewa
 Unit: Sault Ste. Marie
 Management Area: Drummond Island
 YOE: 2016
 Acres: 2,439 GIS Calculated
 Examiner: Jeff Wise
 Map Revised: 08/06/2014
 Map Phase: Pre-Review

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



Legend

- Miris Corners
- Remonumented Section Corners
- Site Condition Available
 - Available w/ Constraints (Factor - Number)
 - Unavailable (Factor - Number)
- Site Condition Type
 - Available Factors W/ Constraints
 - 5B: Retention for regeneration purposes
 - 5C: Delay treatment for age/size class diversity or exceptional site quality
 - Unavailable Factors
 - 2G: Too wet (sensitive soils, does not include access issues)
 - 3D: Recreational / Scenic values
 - 3L: Other wildlife concerns
- Reviewable SCAs
- Proposed SCA's
 - Proposed SCA
 - SCA Removal
- Dedicated Special Conservation Areas
 - Great Lakes Islands



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	315	121	0	0	124	0	0	304	0	57	0	0	0	0	921
Cedar	0	0	0	0	0	0	0	9	15	0	9	113	0	0	146
Herbaceous Openland	282	0	0	0	0	0	0	0	0	0	0	0	0	0	282
Low-Density Trees	23	0	0	0	0	0	0	0	0	0	0	0	0	0	23
Lowland Conifers	0	44	0	0	0	41	0	13	6	0	0	0	0	0	103
Mixed Upland Deciduous	0	0	0	0	0	0	0	14	62	0	0	0	0	0	75
Northern Hardwood	0	0	0	0	0	0	0	216	0	0	181	0	0	0	397
Oak	0	0	0	0	0	0	0	0	0	8	0	0	0	0	8
Upland Conifers	0	0	0	0	72	0	0	54	0	0	9	0	0	0	135
Upland Mixed Forest	0	0	0	0	154	0	0	0	73	0	0	0	0	0	226
Upland Spruce/Fir	0	0	0	0	70	0	11	9	5	0	0	0	0	0	96
Water	23	0	0	0	0	0	0	0	0	0	0	0	0	0	23
White Pine	0	0	0	0	0	0	0	0	0	0	0	0	4	0	4
Total	644	164	0	0	420	41	11	619	161	65	199	113	4	0	2439



Report 2 – Proposed Treatment Summaries

Sault Ste. Marie Mgt. Unit
Year of Entry 2016

Compartment 016
Total Compartment Acres: 2,439

Acres by Treatment Type

Commercial Harvest - 508	Tree Planting - 0	Other - 254
Habitat Cut - 0	Opening Maintenance - 0	

Cover Type by Harvest Method

	Clearcut	Selection	Seed Tree	Shelterwood	Thinning	Other - Specify	Total Acres
Aspen Types	235	0	0	0	0	0	235
Low-Density Trees	23	0	0	0	0	0	23
Mixed Upland Deciduous	0	0	0	0	0	8	8
Northern Hardwood	0	0	0	0	0	157	157
Other Upland Conifers	12	0	0	0	0	0	12
Upland Mixed Forest	73	0	0	0	0	0	73
Total	343	0	0	0	0	165	508



Stand	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
2	45016002-Cut	29.4	4135 - Aspen, Cedar	High Density Pole	79		Harvest	Clearcut with Reserves	4135 - Aspen, Cedar	Cmpt. Review Proposal
<u>Prescription</u> Harvest all species except cedar, pine, and hemlock and oak if any occur in stand. Do not reach into cedar pockets. Use mature species for boundary as retention. Treatment will benefit grouse, deer, and other species. May need seasonal restrictions and a buffer at south end. <u>Specs:</u>										
<u>Other Comments:</u>										
<u>Next Steps:</u> Check for regen according to work instructions, present species acceptable.										
<u>Proposed Start Date:</u> 10/01/2015										
5	45016005-Cut	55.8	4116 - Mixed N. Hardwood - Aspen	High Density Pole	75	51-80	Harvest	Other - Specify in Comments	4116 - Mixed N. Hardwood - Aspen	Cmpt. Review Proposal
<u>Prescription</u> Harvest beech with BBD to increase diversity in the stand. Leave healthy beech and 2-3 beech per acre where present for nesting trees. <u>Specs:</u>										
<u>Other Comments:</u>										
<u>Next Steps:</u> Check for presence of BBD and regen according to work instructions, present species acceptable.										
<u>Proposed Start Date:</u> 10/01/2015										
11	45016011-Cut	8.3	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	75	51-80	Harvest	Other - Specify in Comments	4191 - Mixed Upland Deciduous with Conifer	Cmpt. Review Proposal
<u>Prescription</u> Harvest beech with BBD and white spruce to increase diversity in the stand. Leave healthy beech and 2-3 beech per acre where present for nesting trees. <u>Specs:</u>										
<u>Other Comments:</u>										
<u>Next Steps:</u> Check for presence of BBD and regen according to work instructions, present species acceptable.										
<u>Proposed Start Date:</u> 10/01/2015										
19	45016019-Cut	6.9	42390 - Mixed Non-Pine Upland Conifers	High Density Pole	74	81-110	Harvest	Clearcut with Reserves	42390 - Mixed Non-Pine Upland Conifers	Cmpt. Review Proposal
<u>Prescription</u> Harvest all species except cedar, pine, hemlock, and oak if any occur in stand, use mature species for boundary as retention. <u>Specs:</u>										
<u>Other Comments:</u>										
<u>Next Steps:</u> Check for regen according to work instructions, present species acceptable.										
<u>Proposed Start Date:</u> 10/01/2015										



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
20	45016020-Cut	48.0	4319 - Mixed Upland Forest	High Density Pole	87		Harvest	Clearcut with Reserves	4319 - Mixed Upland Forest	Cmpt. Review Proposal

Prescription Harvest all species except cedar, maple, pine, hemlock, and oak if any occur in stand, retain cedar groves by creating a mosaic of sale boundary lines, especially in the southeastern portion of the stand where adjacent to stand 29. Mix of young growth and mature trees will benefit grouse, deer, bear, and other species.

Other
Comments:

Next
Steps: Check for regen according to work instructions, present species acceptable.

Proposed
Start Date: 10/01/2015

21	45016021-Cut	57.7	4111 - S.Maple, Hard Mast Association	High Density Pole	100	81-110	Harvest	Other - Specify in Comments	4111 - S.Maple, Hard Mast Association	Cmpt. Review Proposal
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Prescription Harvest beech with BBD to increase stand diversity. Leave any healthy beech and 2-3 beech per acre for nesting trees.

Other
Comments:

Next
Steps: Check for presence of BBD and regen according to work instructions, present species acceptable.

Proposed
Start Date: 10/01/2015

27	45016027-Cut	5.5	42340 - Upland Spruce/Fir	High Density Pole	84		Harvest	Clearcut with Reserves	42340 - Upland Spruce/Fir	Cmpt. Review Proposal
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Prescription Harvest all species except cedar, pine, hemlock, and oak if any occur in stand.

Other
Comments:

Next
Steps: Check for regen according to work instructions, present species acceptable.

Proposed
Start Date: 10/01/2015

29	45016029-Cut	56.8	4137 - Aspen, Birch	High Density Pole	90		Harvest	Clearcut with Reserves	4137 - Aspen, Birch	Cmpt. Review Proposal
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Prescription Harvest all species except cedar, pine, oak, and hemlock if any occur in stand to encourage young deciduous growth for ruffed grouse and other species. Leave a few pockets of mature trees representative of the stand, and use mature species for boundary as retention.

Other
Comments:

Next
Steps: Check for regen according to work instructions, present species acceptable.

Proposed
Start Date: 10/01/2015

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Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
38 45016038-Cut_small	27.5	4119 - Mixed Northern Hardwoods	High Density Pole	79	51-80	Harvest	Other - Specify in Comments	4119 - Mixed Northern Hardwoods	Cmpt. Review Proposal

Prescription Harvest beech with BBD within treatment area to encourage stand diversity. Leave any healthy beech and 2-3 beech per acre where present for nesting trees.

Other
Comments:

Next
Steps: Check for presence of BBD and regen according to work instructions, present species acceptable, possibly plant some mast trees where beech was harvested.

Proposed
Start Date: 10/01/2015

38 45016038-Cut_small_1	15.9	4119 - Mixed Northern Hardwoods	High Density Pole	79	51-80	Harvest	Other - Specify in Comments	4119 - Mixed Northern Hardwoods	Cmpt. Review Proposal
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Prescription Harvest beech with BBD within treatment area to encourage stand diversity. Leave any healthy beech and 2-3 beech per acre where present for nesting trees.

Other
Comments:

Next
Steps: Check for presence of BBD and regen according to work instructions, present species acceptable, possibly plant some mast trees where beech was harvested.

Proposed
Start Date: 10/01/2015

42 45016042-Cut_small	52.8	4135 - Aspen, Cedar	High Density Pole	76		Harvest	Clearcut with Reserves	4135 - Aspen, Cedar	Cmpt. Review Proposal
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Prescription Harvest all species except cedar, oak, hemlock, maple, and pine if any occur in stand to provide young early successional habitat for ruffed grouse, deer, hare, and other species. Leave a few small patches of mature trees for diversity & budding trees, and use mature trees for boundary as retention.

Other
Comments:

Next
Steps: Check for regen according to work instructions, present species acceptable.

Proposed
Start Date: 10/01/2015

42 45016042-Cut_small_1	48.7	4135 - Aspen, Cedar	High Density Pole	76		Harvest	Clearcut with Reserves	4135 - Aspen, Cedar	Cmpt. Review Proposal
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Prescription Harvest all species except cedar, oak, hemlock, maple, and pine if any occur in stand to provide young early successional habitat for ruffed grouse, hare, and other species. Leave a few small patches of mature trees for diversity & budding trees, and use mature trees for boundary as retention.

Other
Comments:

Next
Steps: Check for regen according to work instructions, present species acceptable.

Proposed
Start Date: 10/01/2015



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
47	45016047- Cut_small	4.1	4137 - Aspen, Birch	High Density Pole	76		Harvest	Clearcut with Reserves	4137 - Aspen, Birch	Cmpt. Review Proposal

Prescription Harvest all species except cedar, oak, hemlock, and pine, if any occur in stand, use mature trees for boundary as retention.

Specs:

Other

Comments:

Next Check for regen according to work instructions, present species acceptable.

Steps:

Proposed

Start Date: 10/01/2015

55	45016055-Cut	24.6	4319 - Mixed Upland Forest	Medium Density Pole	83		Harvest	Clearcut with Reserves	4319 - Mixed Upland Forest	Cmpt. Review Proposal
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Prescription Harvest all species except cedar, oak, hemlock, maple, and pine if any occur in stand to provide young early successional habitat for ruffed

Specs: grouse, deer, hare, and other species. Use mature trees for boundary as retention.

Other

Comments:

Next Check for regen according to work instructions, present species acceptable.

Steps:

Proposed

Start Date: 10/01/2015

60	45016060-Cut	43.1	4134 - Aspen, Spruce/Fir	High Density Pole	71		Harvest	Clearcut with Reserves	4134 - Aspen, Spruce/Fir	Cmpt. Review Proposal
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Prescription Harvest all species except cedar, oak, hemlock, maple, and pine if any occur in stand to provide young early successional habitat for ruffed

Specs: grouse, hare, and other species. Leave a few small patches of mature trees for diversity & budding trees, and use mature trees for boundary as retention. Leave out wet areas, and buffer the lake. Winter cut due to deer wintering complex.

Other

Comments:

Next Check for regen according to work instructions, present species acceptable.

Steps:

Proposed

Start Date: 10/01/2015

17	NF_45016017- Cut	22.9	3303 - Mixed Low Density Trees				Harvest	Clearcut with Reserves	3303 - Mixed Low Density Trees	Cmpt. Review Proposal
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Prescription Harvest all merchantable white spruce with adjacent sale to re-establish forest opening for deer and other species. Other trees may be left for

Specs: aesthetics.

Other

Comments:

Next Check for conifer regrowth and burn or brush hog if needed.

Steps:

Proposed

Start Date: 10/01/2015



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Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
50 NF_45016050-Burn	253.8	3105 - Mixed Upland Herbaceous				Prescribed Burn	Unspecified	3105 - Mixed Upland Herbaceous	Cmpt. Review Proposal

Prescription: Burn, mow, or do other openings maintenance periodically to set back sapling growth and grasses to help maintain opening for sharp-tailed grouse and other species utilizing openings.

Other Comments:

Next Steps: Keep in burn plan to burn every 5 years or so as funding permits.

Proposed Start Date: 06/30/2014

Total Treatment Acreage Proposed: 761.6



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Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
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#Type! #Type!

Prescription Specs:

Other Comment:

Next Steps:

Proposed Start Date: #Type!

Limiting Factor

Total Treatment Acreage Proposed: 0.0

Report 5 – Site Conditions

Sault Ste. Marie Mgt. Unit

Jeff Wise : Examiner

Compartment 016

Year of Entry 2016

Availability for Management

Total Acres	Acres		Dominant Site Conditions	Dominant Site Conditions					
	Available	Not Available		No	5C	5B	3L	3D	2G
921	921		Aspen	795	126				
146	146		Cedar	146					
103	97	6	Lowland Conifers	84		13			6
75	75		Mixed Upland Deciduous	75					
397	397		Northern Hardwood	397					
8		8	Oak				8		
135	135		Upland Conifers	135					
226	226		Upland Mixed Forest	226					
96	75	21	Upland Spruce/Fir	75				11	9
4	4		White Pine	4					
2,111	2,076	35	Total Forested Acres	1,937	126	13	8	11	16
	98%	2%	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
002	Not Available	2G: Too wet (sensitive soils, does not include access issues)	9	5D: Unproductive Forest Land			
Comments:							
003	Not Available	3D: Recreational / Scenic values	11				
Comments: Lleave as uncut timber along snow trail for aesthetics							
004	Not Available	3L: Other wildlife concerns	8				
Comments:							

Report 5 – Site Conditions

Sault Ste. Marie Mgt. Unit

Jeff Wise : Examiner

Compartment 016

Year of Entry 2016

005	Available	5B: Maintain for regeneration purposes	13
Comments:			
006	Not Available	2G: Too wet (sensitive soils, does not include access issues)	6
Comments:			
007	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	37
Comments:			
012	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	73
Comments:			
013	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	16
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
Removal 45016	Other SCA		SCA Removal	5.0
Comments				

**Report 7 – EXISTING SPECIAL CONSERVATION AREA DETAILS**

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

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

Conservation Area	Type	Description
SCA	Archaeological Site	An aquatic or terrestrial area of the State that contains physical remains of human occupation. These are sites of cultural and historical significance that may occur upon terrestrial areas and Great Lakes bottomlands. They include thousands of Native American settlements and burial sites, as well as French and British outposts, nineteenth century logging camps, mines and homesteads. Beneath the waters of the Great Lakes, there are shipwrecks and other remains documenting the maritime trade. Such sites may be identified by Natural heritage data from the State Historic Preservation Office. Proposed treatments in this compartment will be implemented in such a manner as to maintain the integrity of these sites. Due to the sensitive nature of this information, no further detail about location is available.
SCA	Great Lakes Islands	Great Lakes Islands provide significant habitat for numerous species, including many rare plants and animals, several of which are endemic or largely restricted to the Great Lakes region. Due to their isolation, islands provide good examples of many Great Lakes-associated natural communities and ecosystems, and thus have potential to provide insights for understanding the consequences of human disturbance on the increasingly fragmented ecosystems of the mainland.
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.

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Sault Ste. Marie Mgt. Unit

Report 8 – Forested Stands

Compartment: 016
Year of Entry: 2016

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	6120 - Lowland Cedar	High Density Pole	17.4	117		Borders Dry Lake
2	4135 - Aspen, Cedar	High Density Pole	29.4	79		Mature stand with large diameters aspen and cedar groves.
4	6120 - Lowland Cedar	High Density Pole	81.9	117		Typical cedar/aspen stand, wet.
5	4116 - Mixed N. Hardwood - Aspen	High Density Pole	95.9	75	51-80	Large aspen in the very northern border area, with scattered white pine, hemlock and cedar.
6	4116 - Mixed N. Hardwood - Aspen	High Density Pole	35.3	100	51-80	ORV trail through stand, much mature aspen along east and south side, could have been part of stand 14 before harvest, but contained good maple regen, beech is in small pockets but little BA.
7	4130 - Aspen	Medium Density	62.2	15		Regen is good.
8	6120 - Lowland Cedar	High Density Pole	14.0	110		Snowmobile trail through stand.
9	42340 - Upland Spruce/Fir	High Density Pole	12.6	42		Reaching pole size, looks good
10	42340 - Upland Spruce/Fir	High Density Pole	11.3	62		Snowmobile trail border/buffer to previous cuts on north and south sides.
11	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	8.3	75	51-80	
12	42340 - Upland Spruce/Fir	High Density Pole	9.4	74		Low quality and scrubby as old notes say.
13	4134 - Aspen, Spruce/Fir	High Density Pole	27.4	41		Snowmobile trail through stand, almost pole size
14	4135 - Aspen, Cedar	Medium Density	203.3	3		ORV and snowmobile trail through stand, good regen, patches of cedar poles reserved from harvest.
15	6124 - Lowland Spruce-Fir	High Density Pole	40.8	54		Was Q3-4 now a Q6
18	42200 - Natural White Pine	High Density Log	3.6	200		Small but unique white pine/cedar stand.
19	42390 - Mixed Non-Pine Upland Conifers	High Density Pole	6.9	74	81-110	New stand, small conifer patch off stand 17.
20	4319 - Mixed Upland Forest	High Density Pole	48.0	87		Snowmobile trail through stand, mix of very mature aspen and cedar.



Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
4111 - S.Maple, Hard Mast Association	High Density Pole	57.7	100	81-110	ORV trail through north part of stand, BBD present mostly in the west part along the road, not so much in the interior, then more again on the east side. Old rock fence along the north border.
4123 - Red Oak	Medium Density Log	7.9	96	51-80	Nice grove of oaks with maple and ironwood understory.
6124 - Lowland Spruce- Fir	High Density Pole	13.0	78		Snowmobile trail through stand, thick understory.
4134 - Aspen, Spruce/Fir	High Density Pole	42.3	42		Just reaching pole size
4134 - Aspen, Spruce/Fir	Medium Density	51.9	15		Thin strip cut still pretty sparse, oak and maple left, with scattered spruce poles.
6120 - Lowland Cedar	High Density Pole	8.8	102		Open with large cedar and aspen.
42340 - Upland Spruce/Fir	High Density Pole	5.5	84		Pocket of low quality conifer between stands 29 and 31.
4319 - Mixed Upland Forest	High Density Pole	41.6	42		Some trees just reaching pole size, but very thick with saplings.
4137 - Aspen, Birch	High Density Pole	56.8	90		Spruce and balsam mostly at the south end, stand pure aspen, birch, maple.
6124 - Lowland Spruce- Fir	High Density Sapling	20.1	15		Drainage or low area, ORV trail through stand, some trees look older as if reserved from the last cut.
6124 - Lowland Spruce- Fir	High Density Pole	23.4	15		Ol says part of old cut but there is a residual stocking of spruce, all else is saps which explains age. ORV trail through stand.
4111 - S.Maple, Hard Mast Association	High Density Pole	5.2	75	51-80	
4191 - Mixed Upland Deciduous with Conifer	High Density Pole	61.6	80		Check age ranges from 76 in north to 87 in south, middle is lower quality and more sparse, snowmobile trail through north part of stand, contains a small pocke of 14 year old aspen cut at the same time as st60.
42340 - Upland Spruce/Fir	High Density Pole	47.2	40		Cedar regen along the road
4134 - Aspen, Spruce/Fir	High Density Sapling	54.8	42		Has almost become pole size but avg dbh still small, log size oak left from last harvest, north part more alvar like with rocky ground.
4116 - Mixed N. Hardwood - Aspen	High Density Pole	22.9	100	51-80	ORV trail through stand, looks like aspen was cut out at one time, lots of A3 pockets, very little beech.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
38	4119 - Mixed Northern Hardwoods	High Density Pole	107.9	79	51-80	ORV and snowmobile trail through stand.
39	4136 - Aspen, Mixed Conifer	Medium Density	76.1	4		Regenerating nicely.
40	42390 - Mixed Non-Pine Upland Conifers	High Density Pole	47.0	76		Was part of stand 38 in OI but vastly different.
41	4119 - Mixed Northern Hardwoods	High Density Pole	6.7	75	51-80	
42	4135 - Aspen, Cedar	High Density Pole	174.1	76		ORV trail through stand, sparse, scrubby and semi-open, aspen and spruce are tall and mature, white birch dying out.
43	4130 - Aspen	High Density Sapling	6.5	14		Full regen.
44	42380 - Non Pine Upland Conifer, Mixed Deciduous	High Density Pole	8.8	102		Pocket of cedar in stand 38.
45	42390 - Mixed Non-Pine Upland Conifers	High Density Pole	72.2	42		Thick with spruce and balsam, just becoming pole size.
46	6120 - Lowland Cedar	High Density Pole	9.0	79		Low and swampy, mossy and bog plants.
47	4137 - Aspen, Birch	High Density Pole	20.3	76		ORV trail through stand, different from 38 in that it is mostly aspen and birch with maple understory, birch dying out.
48	42340 - Upland Spruce/Fir	High Density Pole	9.9	42		Thick, thick, thick, just reaching pole sizes but thick with low branches even though its the same age as 33, must be the soil.
49	4116 - Mixed N. Hardwood - Aspen	High Density Pole	10.3	100	81-110	Small but manageable hardwood stand.
51	6128 - Lowland Coniferous, Mixed Deciduous	High Density Pole	6.1	83		Cedar, tamarack swamp, with tag alder and willow.
52	4134 - Aspen, Spruce/Fir	Medium Density	36.1	3		Long, narrow stand along the east boundary, over cut from Comp18 treatments, regen is good.
53	4319 - Mixed Upland Forest	High Density Pole	112.1	42		Contains possible old cuts of varying ages, previously managed for strips cuts, looks all the same now, a nice open fringe of maple, aspen, birch and spruce, along the Sheep Ranch opening is very picturesque.
54	6120 - Lowland Cedar	High Density Pole	14.9	83		Wet, mostly cedar. and a huge mix of everything.

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Sault Ste. Marie Mgt. Unit

Report 8 – Forested Stands

Compartment: 016
Year of Entry: 2016

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
55	4319 - Mixed Upland Forest	Medium Density Pole	24.6	83		Sparse, scrubby and semi-open with cedar groves, but aspen and spruce are tall and mature, white birch dieing out, south end gets wet, leave for retention.
56	4134 - Aspen, Spruce/Fir	High Density Pole	37.2	70		Long and narrow, south end gets wet, leave for retention.
58	4112 - Maple, Beech, Cherry Association	High Density Pole	55.0	100	51-80	ORV trail through stand, south end transitions to more aspen with maple saps and poles, north end is patchy and open with raspberries, middle is good quality maple.
59	4199 - Other Mixed Upland Deciduous	High Density Pole	5.2	71	51-80	Rocky knob, very scenic, birch dieing out, becoming aspen/ maple with maple saps.
60	4134 - Aspen, Spruce/Fir	High Density Pole	43.1	71		Mature with open patches , very scenic along the Sheep ranch.



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
3	310 - Herbaceous Openland	22.8	Unspecified	Unspecified	South part looks cultivated or mowed like it is being used by private land owner. Illegal ORV trail north to blind, then up to Dry Lake.
16	3105 - Mixed Upland Herbaceous	3.0	No	Low	
17	3303 - Mixed Low Density Trees	22.9	No	Medium	This opening is the site of the old Johnswood settlement, opening maintenance should take care in operations. Very little or nothing remains of the settlement.
30	310 - Herbaceous Openland	2.0	Unspecified	Unspecified	
50	3105 - Mixed Upland Herbaceous	253.8	Yes	High	The Sheep Ranch, as it was in the old days.
57	50 - Water	23.4	Unspecified	Unspecified	