



Compartment Review Presentation

Roscommon Forest Management Unit

Compartment 198

Entry Year 2015

Acreage: 2,518

County Ogemaw

Management Area: Ausable Outwash

Revision Date: 08/05/2013

Stand Examiner: Jason Lewicki

Legal Description:

T24N, R02E Sections 1,2,8,9,10 and 12

Identified Planning Goals:

Provide for sustainable ecosystem based management. Maintain healthy and diverse forested stands for wildlife, recreation and the production of forest products.

Soil and topography:

Soils generally consist of Greycalm, Mancelona and Isabella Loamy sands.

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

State land in this compartment is mostly large solid blocks interspersed with private land.

Unique Natural Features:

No Unique Natural Features known.

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:

None known

Watershed and Fisheries Considerations:

Wildlife Habitat Considerations:

Mineral Resource and Development Concerns and/or Restrictions

Sections 1 & 2, T24N-R1W, Roscommon County

Surface sediments consist of ice-contact and glacial outwash sand and gravel and postglacial alluvium. The glacial drift thickness varies between 200 and 400 feet. Beneath the glacial drift is the Mississippian Marshall Sandstone. The Marshall has been used as a building stone in the past. Most of the good gravel pits are associated with upland areas. The nearest gravel pit is located in Section 10 and potential appears to be good. St. Helen Field is located 1.5 miles to the southwest. The field has produced over 8.7 million BO and 14.7 Bcf gas from the Devonian Richfield Formation. It is in secondary recovery operations currently. None of the Compartment is currently leased.

Vehicle Access:

Vehicle access is very good throughout this compartment due to various county roads and forest roads.

Survey Needs:

Possible survey needed for timber harvesting operations within stands 27 and 31.

Recreational Facilities and Opportunities:

The rose city ORV trail and Ogemaw Hills snowmobile trail run through the compartment. Multiple hunting opportunities exist within the 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**

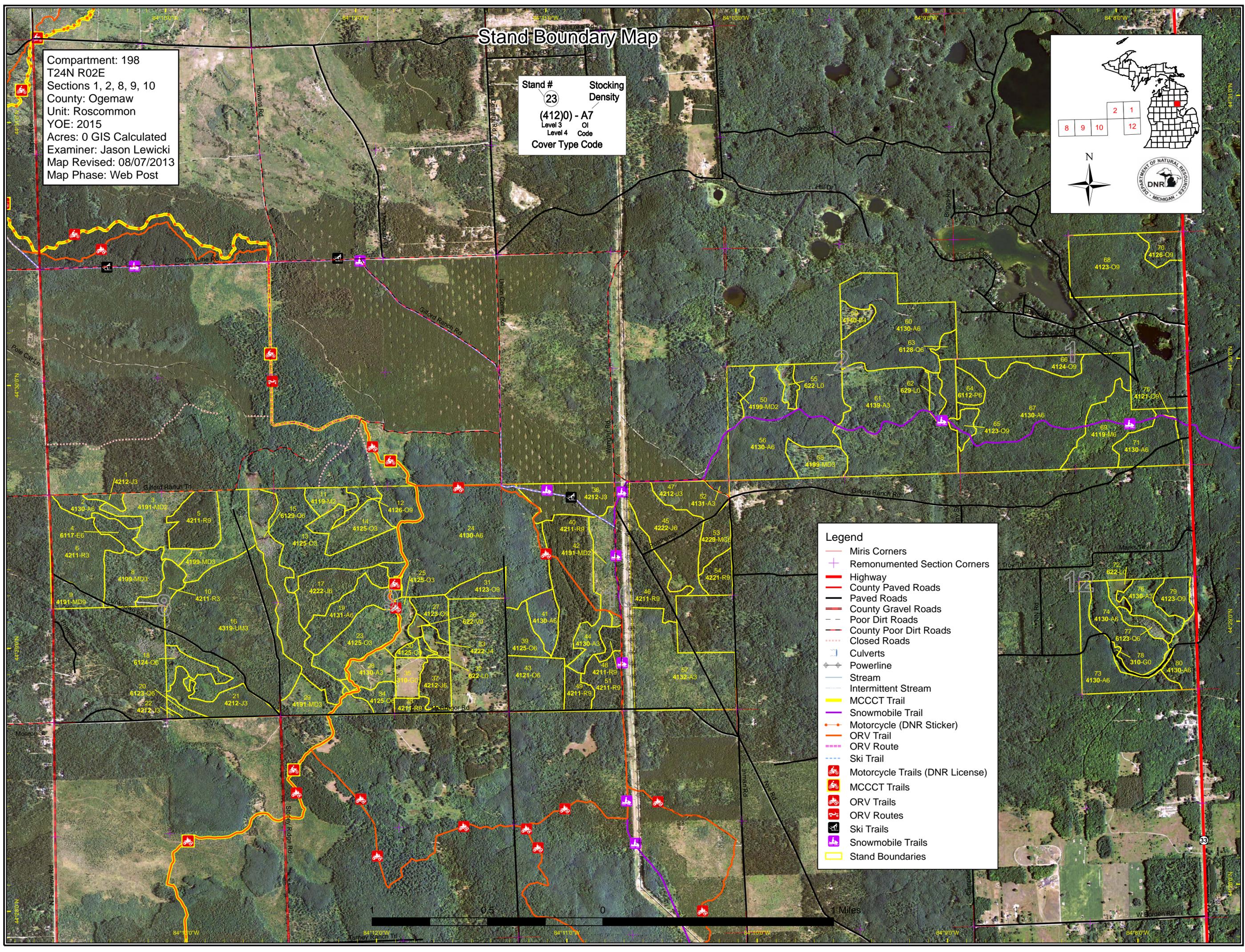
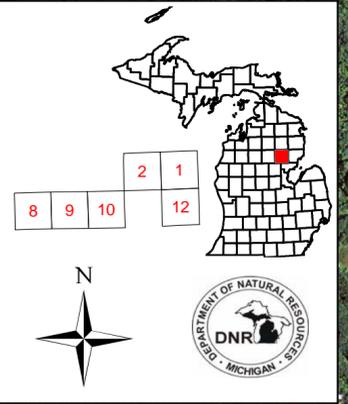
The following information is displayed, where pertinent, on the attached compartment maps:

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

Stand Boundary Map

Compartment: 198
 T24N R02E
 Sections 1, 2, 8, 9, 10
 County: Ogemaw
 Unit: Roscommon
 YOY: 2015
 Acres: 0 GIS Calculated
 Examiner: Jason Lewicki
 Map Revised: 08/07/2013
 Map Phase: Web Post

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



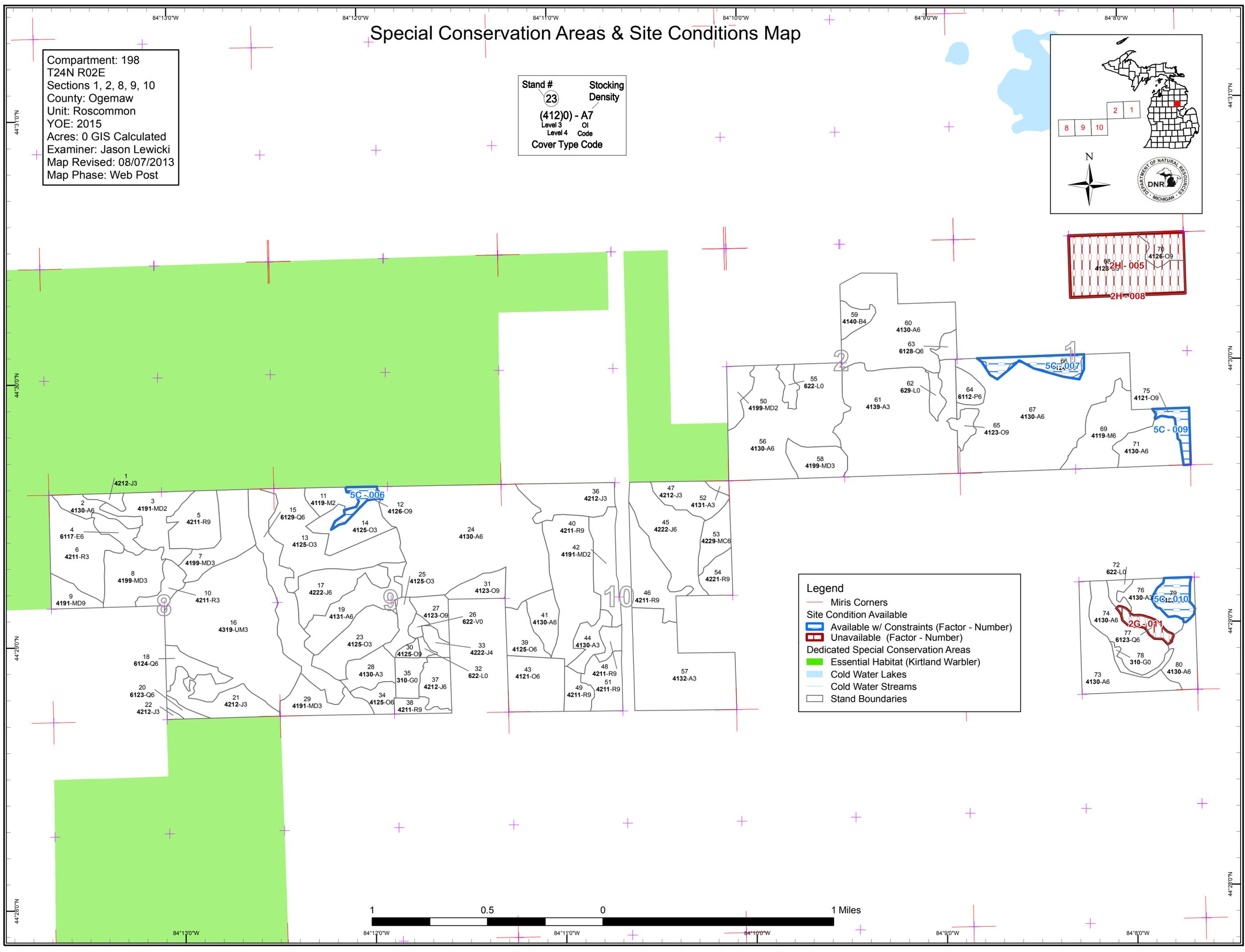
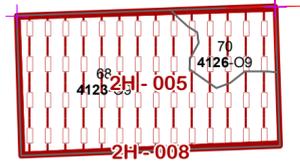
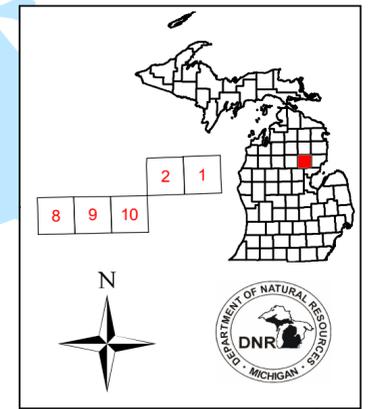
- Legend**
- Miris Corners
 - Remonumented Section Corners
 - Highway
 - County Paved Roads
 - Paved Roads
 - County Gravel Roads
 - Poor Dirt Roads
 - County Poor Dirt Roads
 - Closed Roads
 - Culverts
 - Powerline
 - Stream
 - Intermittent Stream
 - MCCCT Trail
 - Snowmobile Trail
 - Motorcycle (DNR Sticker)
 - ORV Trail
 - ORV Route
 - Ski Trail
 - Motorcycle Trails (DNR License)
 - MCCCT Trails
 - ORV Trails
 - ORV Routes
 - Ski Trails
 - Snowmobile Trails
 - Stand Boundaries



Special Conservation Areas & Site Conditions Map

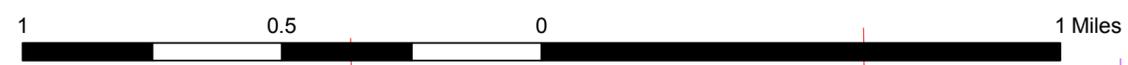
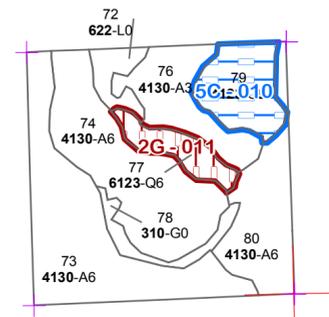
Compartment: 198
 T24N R02E
 Sections 1, 2, 8, 9, 10
 County: Ogemaw
 Unit: Roscommon
 YOE: 2015
 Acres: 0 GIS Calculated
 Examiner: Jason Lewicki
 Map Revised: 08/07/2013
 Map Phase: Web Post

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



Legend

- Miris Corners
- Site Condition Available
- Available w/ Constraints (Factor - Number)
- Unavailable (Factor - Number)
- Dedicated Special Conservation Areas
- Essential Habitat (Kirtland Warbler)
- Cold Water Lakes
- Cold Water Streams
- Stand Boundaries



84°13'0"W 84°12'0"W 84°11'0"W 84°10'0"W 84°9'0"W 84°8'0"W

44°3'10"N 44°3'0"N 44°2'50"N 44°2'40"N

84°13'0"W 84°12'0"W 84°11'0"W 84°10'0"W 84°9'0"W 84°8'0"W

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	38	249	345	215	205	0	0	0	0	0	0	0	0	0	1054
Bog	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Herbaceous Openland	18	0	0	0	0	0	0	0	0	0	0	0	0	0	18
Jack Pine	0	93	33	0	79	0	0	0	0	0	0	0	0	0	205
Lowland Aspen/Balsam Poplar	0	0	0	0	10	0	0	0	0	0	0	0	0	0	10
Lowland Conifers	0	0	6	0	0	0	0	75	0	8	0	0	0	0	89
Lowland Deciduous	0	0	0	0	11	0	0	0	0	0	0	0	0	0	11
Lowland Shrub	22	0	0	0	0	0	0	0	0	0	0	0	0	0	22
Mixed Upland Deciduous	133	65	0	0	0	0	0	0	0	13	0	0	0	0	212
Natural Mixed Pines	0	0	0	0	0	0	17	0	0	0	0	0	0	0	17
Northern Hardwood	13	0	0	0	0	0	46	0	0	0	0	0	0	0	59
Oak	11	49	105	18	0	0	0	0	108	59	8	0	0	29	388
Paper Birch	0	0	9	0	0	0	0	0	0	0	0	0	0	0	9
Red Pine	0	64	0	0	0	38	36	123	0	0	0	0	0	0	261
Upland Mixed Forest	0	0	160	0	0	0	0	0	0	0	0	0	0	0	160
Total	239	520	659	234	305	38	99	198	108	80	8	0	0	29	2518



Report 2 – Proposed Treatment Summaries

Roscommon Mgt. Unit
Year of Entry 2015

Compartment 198
Total Compartment Acres: 2,518

Acres by Treatment Type

Commercial Harvest - 156 Tree Planting - 67 Other - 0
Habitat Cut - 0 Opening Maintenance - 13

Cover Type by Harvest Method

	Clearcut	Selection	Seed Tree	Shelterwood	Thinning	Other - Specify	Total Acres
Aspen Types	13	0	0	0	0	0	13
Natural Pines	0	0	0	0	14	0	14
Oak Types	0	0	0	0	40	0	40
Planted Pines	90	0	0	0	0	0	90
Total	103	0	0	0	53	0	156



Stand	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
2	71198002-Cut	13.3	4130 - Aspen	High Density Pole	46	111-140	Harvest	Clearcut with Reserves	4130 - Aspen	Cmpt. Review Proposal

Prescription Final harvest and manage for aspen. Save some pine and oak for reention especially on SE side.

Specs:

Other

Comments:

Next

Steps:

Proposed

Start Date: 10/01/2014

27	71198027-Cut	13.2	4123 - Red Oak	High Density Log	93	81-110	Harvest	Crown Thinning	4123 - Red Oak	Cmpt. Review Proposal
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Prescription Thin stand to 70-90 BA. Mark suppressed oak and trees with fire scars, Promote growth on quality sawtimber oak and good formed maple.

Specs: Intermittent drain may cause minor rutting issue during wet time of year.

Other

Comments:

Next

Steps:

Proposed

Start Date: 10/01/2014

30	71198030-Cut	3.7	4125 - Black, N. Pin Oak	High Density Log	85	111-140	Harvest	Crown Thinning	4123 - Red Oak	Cmpt. Review Proposal
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Prescription Thin stand from below to an average of 80 BA. Focus on removing poor formed and suppressed maple and oak. Open canopy and promote

Specs: maple regeneration.

Other

Comments:

Next

Steps:

Proposed

Start Date: 10/01/2014

31	71198031-Cut	14.6	4123 - Red Oak	High Density Log	93	81-110	Harvest	Crown Thinning	4123 - Red Oak	Cmpt. Review Proposal
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Prescription Thin stand down to 70-90 BA. Focus growth on sawtimber oak and future red maple logs. Remove suppressed oak and fire scarred trees.

Specs: Remove aspen.

Other

Comments:

Next

Steps:

Proposed

Start Date: 10/01/2014

40	71198040-Cut	67.1	42110 - Planted Red Pine	High Density Log	76	111-140	Harvest	Clearcut	4211 - Planted Red Pine	Cmpt. Review Proposal
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Prescription Final harvest and manage for red pine. Little or no retention.

Specs: ORV trail runs through stand. MANage and protect with appropriate cutting specs.

Other

Comments:

Next

Steps: Trench/plant manage for red pine.

Proposed

Start Date: 10/01/2014



S t a n d	Treatment Name	Acres	CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
51	71198051-Cut	22.4	42111 - Planted Red Pine, Mixed Deciduous	High Density Log	64	111-140	Harvest	Clearcut with Reserves	413 - Aspen	Cmpt. Review Proposal

Prescription Final harvest stand and regenerate aspen. Leave retention in the form of scattered red pine. Focus retention in areas that may not fill in completely with aspen(SE corner). The snowmobile and ORV trail run down Wrangler rd. on the east side of the stand. Protect the trails with appropriate cutting specs.

Other
Comments:

Next
Steps:

Proposed
Start Date: 10/01/2014

54	71198054-Cut	13.7	42210 - Natural Red Pine	High Density Log	63	111-140	Harvest	Crown Thinning	4221 - Natural Red Pine	Cmpt. Review Proposal
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Prescription Thin stand from below by removing approximately 1/3 of its volume. Focus on removing suppressed pole timber red pine. Shortwood sale only.

Other
Comments:

Next
Steps:

Proposed
Start Date: 10/01/2014

65	71198065-Cut	8.2	4123 - Red Oak	High Density Log	105	111-140	Harvest	Crown Thinning	4123 - Red Oak	Cmpt. Review Proposal
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Prescription Thin stand from below. Remove poor formed and suppressed oak and maple. Thin stand down to around 70-90 BA. The snowmobile trail runs through the stand. Protect with the appropriate cutting specs.

Other
Comments:

Next
Steps:

Proposed
Start Date: 10/01/2014

35	NF_71198035- NonFor	12.7	3102 - Grass				Non-Forest Management	Other - Specify	3102 - Grass	Cmpt. Review Proposal
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Prescription
Specs:

Other
Comments:

Next
Steps:

Proposed
Start Date: Unspecified

**Total Treatment
Acreage Proposed: 169.0**

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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!

PrescriptionSpecs:OtherComment:NextSteps:ProposedStart Date: #Type!Limiting Factor

Total Treatment Acreage Proposed:	0
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Report 5 – Site Conditions

Roscommon Mgt. Unit
Jason Lewicki : Examiner

Compartment 198
Year of Entry 2015

Availability for Management

Total Acres	Acres		Dominant Site Conditions	No	5C	2H	2G
	Available	Not Available					
1054	1053	1	Aspen	1,050	3		1
205	205		Jack Pine	205			
10	10		Lowland Aspen/Balsam Poplar	10			
89	81	8	Lowland Conifers	81			8
11	11		Lowland Deciduous	11			
212	212		Mixed Upland Deciduous	212			
17	17		Natural Mixed Pines	17			
58	58		Northern Hardwood	58			
387	300	87	Oak	252	49	87	
9	9		Paper Birch	9			
261	261		Red Pine	261			
160	160		Upland Mixed Forest	160			
2,474	2,379	95	Total Forested Acres	2,326	52	87	9
	96%	4%	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 Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
005	Not Available	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	84				
Comments:							
006	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	7				
Comments:							

Report 5 – Site Conditions

Roscommon Mgt. Unit
Jason Lewicki : Examiner

Compartment 198
Year of Entry 2015

007	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	19
Comments:			
008	Not Available	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	3
Comments:			
009	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	10
Comments:			
010	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	16
Comments:			
011	Not Available	2G: Too wet (sensitive soils, does not include access issues)	9
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
Comments				



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	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.
HCVA	Designated Critical Habitat	Critical habitat areas are established via a consultative and cooperative process between the DNR and the U.S. Fish and Wildlife service for the recovery of threatened and endangered species, as governed by Part 365, Endangered Species Protection, of the Natural Resources and Environmental Protection Act, 1994 PA 451, and the Federal Endangered Species Act of 1973. This is an active program, with proposed species plans in various stages of review. As of now only two exist, Kirtland Warbler Habitat and Piping Plover Habitat.

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Roscommon Mgt. Unit

Report 8 – Forested Stands

Compartment: 198
Year of Entry: 2015

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	42120 - Planted Jack Pine	High Density Sapling	4.6	15		
2	4130 - Aspen	High Density Pole	13.3	46	111-140	MAture quaking aspen stand. Some scattered jack pine and oak. Small intermittent drain runs through stand.
3	4191 - Mixed Upland Deciduous with Conifer	Medium Density	35.4	7		Heavy cherry competition.
4	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	11.2	46	51-80	Some lowland areas with a intermittent drain and tag alder understory.
5	42110 - Planted Red Pine	High Density Log	30.4	56	111-140	Thinned in 2006.
6	42110 - Planted Red Pine	High Density Sapling	51.4	15		Small 1 acre stand of mature white pine on west side along Fairview Rd.
7	4199 - Other Mixed Upland Deciduous	High Density Sapling	36.8	7		Stand had 4" diameter limit cut. Scattered pole size red maple and cherry with red maple, oak and heavy cherry regen.
8	4199 - Other Mixed Upland Deciduous	High Density Sapling	35.8	15		1998 Y.O???
9	4191 - Mixed Upland Deciduous with Conifer	High Density Log	13.0	93	51-80	Old oak mixed with red maple and white pine. Heavy illegal fire wood cutting.
10	42111 - Planted Red Pine, Mixed Deciduous	High Density Sapling	12.2	15		
11	4119 - Mixed Northern Hardwoods	Medium Density	12.8	7		Stand had overstory cut in 5/06. Burned in 1987 Damon fire. Patches of red maple saps that were left from harvest(2"avg) There is also oak and red maple stump sprouts. Some "nonforested" areas that didn't regenerate well.
12	4126 - White, Black, N. Pin Oak	High Density Log	6.8	95	81-110	Stand of good quality black/red oak mixed with some white oak and pine. More red pine on south edge. Very little understory. Underburnt in 1987 Damon fire.
13	4125 - Black, N. Pin Oak	High Density Sapling	67.9	26		Stand burned and was regenerated in 1987 Damon fire. Younger oak/maple regenerated from the fire with patcher and scattered mature oak and pine.
14	4125 - Black, N. Pin Oak	High Density Sapling	29.0	Uneven Age		Old fire. Some mature oak and pine present especially on west end.
15	6129 - Mixed Coniferous Lowland Forest	High Density Pole	56.9	75	51-80	Red pine sawtimber on exterior of stand.
16	4319 - Mixed Upland Forest	High Density Sapling	160.3	26	1-50	Regenerated from 1987 Damon fire.

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Roscommon Mgt. Unit

Report 8 – Forested Stands

Compartment: 198
Year of Entry: 2015

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
17	42220 - Natural Jack Pine	High Density Pole	33.1	26	51-80	Regenerated by 1987 Damon fire.
18	6124 - Lowland Spruce- Fir	High Density Pole	14.0	70	51-80	Some non forested areas on west side . Some pine and oak on high ground edges around stand
19	4131 - Aspen, Oak	High Density Pole	38.1	26	51-80	Regenerated by 1987 DAmon fire. Patches or clones of aspen with oak and cherry elsewhere. Scattered jack pine.
20	6123 - Lowland Fir	High Density Pole	4.3	75		
21	42120 - Planted Jack Pine	High Density Sapling	29.3	15		Seeded to jack pine 4/98.
22	42120 - Planted Jack Pine	High Density Sapling	1.3	15		
23	4125 - Black, N. Pin Oak	High Density Sapling	37.3	17		
24	4130 - Aspen	High Density Pole	188.3	26	51-80	Regenerated from 1987 Damon Fire. Scattered mature oak and pine. Some areas of good oak regeneration. Split out at future inventory.
25	4125 - Black, N. Pin Oak	High Density Sapling	10.9	7		
27	4123 - Red Oak	High Density Log	13.2	93	81-110	Stand of good quality red oak mixed with some northern hardwood species. Some sugar maple, beech and dead ash. Some fire fire scaring from 1987 Damon fire. Very little understory. Some small intermittent drains found.
28	4130 - Aspen	High Density Sapling	19.2	7		Some jack pine was planted through stand.
29	4191 - Mixed Upland Deciduous with Conifer	High Density Sapling	25.0	6		cut in 2006. Heavy cherry competition. Small pocket of mature jack pine in SW corner.
30	4125 - Black, N. Pin Oak	High Density Log	3.7	85	111-140	Small stand of decent quality black/red oak. Some white oak and nice formed red maple also present. Very little understory present. Stand was RX understory burnt in past..
31	4123 - Red Oak	High Density Log	14.6	93	81-110	Stand of nice quality red oak with some red maple, aspen and red pine. Stand was under burnt in 1987 Damon fire. Some trees with significant fire scars.
33	42220 - Natural Jack Pine	Low Density Pole	6.7	44	1-50	Open grown jack pine and grass stand.
34	4125 - Black, N. Pin Oak	High Density Pole	11.3	17		Advanced oak understory was present at time of harvest in 1996,



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
36	42120 - Planted Jack Pine	High Density Sapling	34.3	18		KW style plantation.
37	42120 - Planted Jack Pine	High Density Pole	17.4	44		Some areas were trench and palnted to red pine but seem to have been over taken by natural jack pine. There must be some type of clay lense that holds water near the surface as ther is areas of tag alder in understory. Stands to the south also show this characteristic.
38	42110 - Planted Red Pine	High Density Log	7.7	53	141-170	Old foundations found within the stand.
39	4125 - Black, N. Pin Oak	High Density Pole	18.4	33	1-50	
40	42110 - Planted Red Pine	High Density Log	67.1	76	111-140	Red pine palntation that was thinned in 1996. East half has little understory. West side has some red maple in understory. 12-14" avg DBH. North end was lightly underburned in 1987 Damon fire.
41	4130 - Aspen	High Density Pole	17.0	33	81-110	Small area on steep slope that contains mature oak and aspen.
42	4191 - Mixed Upland Deciduuous with Conifer	Medium Density	29.7	17		
43	4121 - Oak, Aspen	High Density Pole	37.4	26	51-80	Quality and site drop significantly on SE side.
44	4130 - Aspen	High Density Sapling	14.8	17		
45	42220 - Natural Jack Pine	High Density Pole	54.9	41	51-80	2 aged jack pine stand from fire origin. Older jack pine found scatered and in clumps left from fire.
46	42110 - Planted Red Pine	High Density Log	36.7	76	81-110	Hold until next entry. Thinned 2 entries ago.
47	42120 - Planted Jack Pine	High Density Sapling	23.5	18		KW plantation.
48	42110 - Planted Red Pine	High Density Log	7.3	76	111-140	Thinned in past
49	42110 - Planted Red Pine	High Density Log	12.1	73	111-140	Thinned red pine stand.
50	4199 - Other Mixed Upland Deciduuous	Medium Density	14.5	7	1-50	Stand was cut last entry and all white oak was left. Small pocket of northern hardwoods left near wet seep on north end. Mostly pin cherry saps in understory.
51	42111 - Planted Red Pine, Mixed Deciduuous	High Density Log	22.4	64	111-140	Plantation red pine with quaking aspen mixed in. Some over mature jack pine mixed in. Aspen is mature and ready to regenerate.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
52	4131 - Aspen, Oak	High Density Sapling	2.7	26		Just starting to enter pole timber size.
53	42290 - Natural Mixed Pine	High Density Pole	17.0	63	51-80	
54	42210 - Natural Red Pine	High Density Log	13.7	63	111-140	Stand of natural red pine. Some jack pine mixed in especially on west side.
56	4130 - Aspen	High Density Pole	116.2	33	51-80	Lower site on west and south side with more quaking aspen.
57	4132 - Aspen, Jack Pine	High Density Sapling	92.7	17		
58	4199 - Other Mixed Upland Deciduous	High Density Sapling	21.4	6	1-50	Stand was cut in 2007 and all white oak and pine were left. There are a few clones of aspen saplings while most areas are of medium density cherry saplings.
59	4140 - Other Upland Deciduous	Low Density Pole	9.4	23		
60	4130 - Aspen	High Density Pole	93.4	23	51-80	
61	4139 - Aspen, Mixed Deciduous	High Density Sapling	142.0	18		Land was currently owned by PCA. Aspen is transitioning to pole timber size.
63	6128 - Lowland Coniferous, Mixed Deciduous	High Density Pole	5.9	23		
64	6112 - Lowland Aspen	High Density Pole	9.9	41	51-80	
65	4123 - Red Oak	High Density Log	8.2	105	111-140	Small stand of high quality red oak sawtimber.
66	4124 - Red with White Oak	High Density Log	17.6	88	81-110	Small stand of oak on a small ridge along PVT.
67	4130 - Aspen	High Density Pole	161.2	41	81-110	Mixed aspen stand on northern hardwoods site. Scattered northern hardwoods found especially on east 1/2. Oak sawtimber especially on NW side. Hold due to high quality site. Allow aspen to grow into sawtimber size class.
68	4123 - Red Oak	High Density Log	72.3	88	111-140	Stand of mixed oak and bigtooth aspen on rolling hills and ridger. Some areas of nice red oak. Pockets of overmature bigtooth aspen. Some lower quality sites dominated by black oak. Very hilly along M-33 with poor to no trucking/landing options.
69	4119 - Mixed Northern Hardwoods	High Density Pole	45.8	60	81-110	Northern hardwoods mixed with some aspen.

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Roscommon Mgt. Unit

Report 8 – Forested Stands

Compartment: 198
Year of Entry: 2015

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
70	4126 - White, Black, N. Pin Oak	High Density Log	14.3	88	51-80	Hilly terrain with low quality black oak in decline. Little to no access due to terrain.
71	4130 - Aspen	High Density Pole	30.9	44	111-140	
73	4130 - Aspen	High Density Pole	43.4	38	81-110	High site on west side. Some beech and hard maple in understory. Steep terrain.
74	4130 - Aspen	High Density Pole	38.6	38	81-110	
75	4121 - Oak, Aspen	High Density Log	9.4	93	81-110	
76	4130 - Aspen	High Density Sapling	19.2	6	51-80	
77	6123 - Lowland Fir	High Density Pole	8.1	90		
79	4123 - Red Oak	High Density Log	15.2	91	111-140	
80	4130 - Aspen	High Density Pole	22.7	27	1-50	



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
26	6225 - Bog	3.6	No	Unspecified	
32	6229 - Mixed lowland shrub	2.4	No	Unspecified	
35	3102 - Grass	12.7	Yes	High (NonForested)	
55	6229 - Mixed lowland shrub	7.3	No	Unspecified	
62	629 - Mixed non-forested wetland	6.6	No	Unspecified	
72	6229 - Mixed lowland shrub	5.6	No	Unspecified	
78	3102 - Grass	5.1	No	Unspecified	