



**ROSCOMMON FOREST MANAGEMENT UNIT  
COMPARTMENT REVIEW PRESENTATION**

**COMPARTMENT # 182    ENTRY YEAR: 2013**

**Compartment Acreage: 2065**

**County: Ogemaw**

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**Revision Date:** 07-21-2011

**Stand Examiner:** Jason Lewicki

**Legal Description:** T24N R01E sections 30, 31, 32 and 33

**Management Area:** AuSable Outwash

**Management 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:** Topography is generally flat. Soils are generally Greycalm and Croswell sands on the uplands and Tawas peats on the lowlands.

**Ownership Patterns, Development, and Land Use in and Around the Compartment:** This compartment and the surrounding area is made up of primarily state owned lands. There are some private parcels scattered through the area

**Unique, Natural Features:** None known

**Archeological, Historical, and Cultural Features:** None known

**Special Management Designations or Considerations:** None known.

**Watershed and Fisheries Considerations:** None Known

**Wildlife Habitat Considerations:** Deer, grouse, woodcock, turkey.

**Mineral Resource and Development Concerns and/or Restrictions:**

Sections 30 - 33, T24N-R1E, & Section 3, T23N-R1E, Ogemaw County

Surface sediments consist of ice-contact and glacial outwash sand and gravel and postglacial alluvium. The glacial drift thickness varies between 400 and 600 feet. Beneath the glacial drift are the Mississippian Michigan Formation, Marshall Sandstone and Coldwater Shale. The Michigan is quarried for gypsum and the Marshall has been used as a building stone. The nearest gravel pit is located one mile to the west and potential is thought to be good. A clay pit is located in Section 31. The Rose City Fields are located two miles to the northeast. The fields have produced over 9.3 million BO and 9.9 Bcf gas from the Devonian Richfield Formation and are in secondary recovery operations currently. The main field also produces from

the Prairie du Chien, and has produced over 31 Bcf gas and 200,000 BO. None of the State land is currently leased in the compartment.

**Vehicle Access:** Vehicle access is very good due to high ground and a large amount of poor dirt roads (two tracks).

**Survey Needs:** None at this time

**Recreational Facilities and Opportunities:** Opportunities include hunting and snowmobiling. The St. Helen snowmobile trail runs on the west side of this compartment.

**Fire Protection:** This compartment and surrounding areas contain large expanses of jack pine cover types. This makes this area prone to large wildfires.

**Additional Compartment Information:**

➤ **The following 5 reports from the Inventory System:**

- ◆ **Cover Type by Age Class**
- ◆ **Cover Type by Management Objective**
- ◆ **Compartment Volume Summary**
- ◆ **Proposed Treatments – No Limiting Factors**
- ◆ **Proposed Treatments – With Limiting Factors**

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

- ◆ **Base feature information, stand numbers, cover types**
- ◆ **Proposed treatments**
- ◆ **Proposed road access system**
- ◆ **Suggested potential old growth**

# Cover Type & Treatment Map

30  
31 32 33

<b>Stand #</b> 23	<b>Stocking Density</b>	Compartment 182 T24N, R01E, Sec. 30-33 County: Ogemaw Unit: Roscommon YOE: 2013 Acres: 2,101 GIS Calculated Stand Examiner: Jason Lewicki Map Revised: 8/15/2011 Map Phase: Pre-Review
(412)0 - A7	01	
Level 3	Code	
Level 4	Code	

**Legend**

- Paved Roads
- Poor Dirt Roads
- Intermittent Stream/Drain
- Stream
- Lakes and Rivers
- Snowmobile Trails
- Snowmobile Trail
- State Forest Land

**Treatments**

- Clearcut (w/Reserves, Patch/Strip)
- Site Preparation
- Mowing

**Forest Stands**

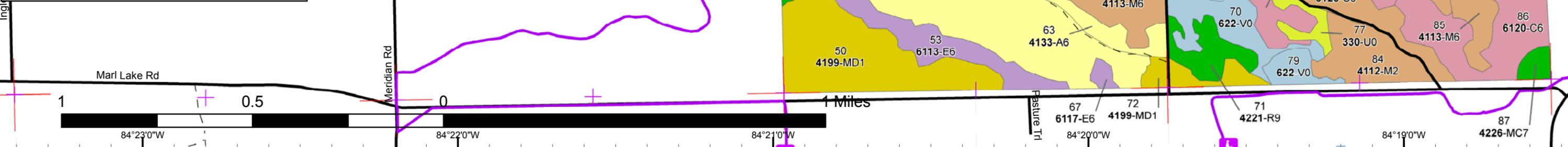
Level 3

- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest

**Non-Forest Stands**

Level 3

- 310 - Herbaceous Openland
- 330 - Low-Density Trees
- 500 - Water
- 622 - Lowland Shrub



# Stand Boundary Map

<b>Stand #</b>	<b>Stocking Density</b>	Compartment 182 T24N, R01E, Sec. 30-33 County: Ogemaw Unit: Roscommon YOE: 2013 Acres: 2,101 GIS Calculated Stand Examiner: Jason Lewicki Map Revised: 8/15/2011 Map Phase: Pre-Review
23		
(412)0 - A7		
Level 3 OI		
Level 4 Code		
<b>Cover Type Code</b>		

30 31 32 33

**Legend**

- Miris Corners
- Paved Roads
- Poor Dirt Roads
- Intermittent Stream/Drain
- Stream
- Snowmobile Trails
- Snowmobile Trail
- Stand Boundaries

**Forest Stands**

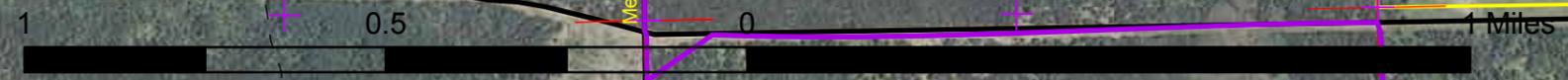
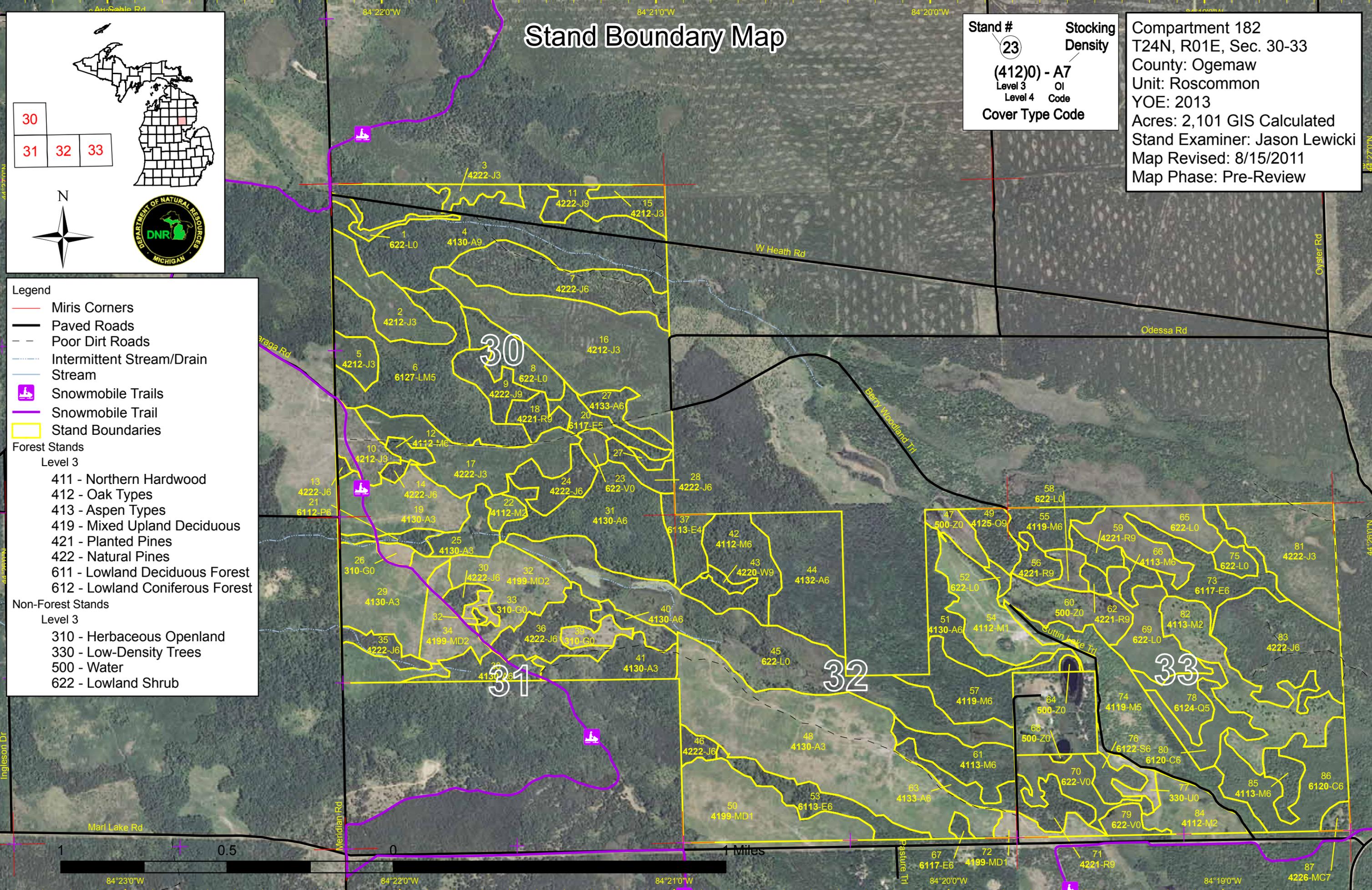
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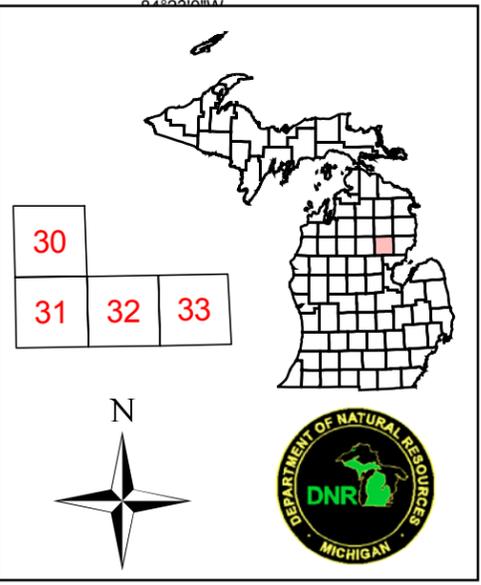


84°23'0"W 84°22'0"W 84°21'0"W 84°20'0"W 84°19'0"W

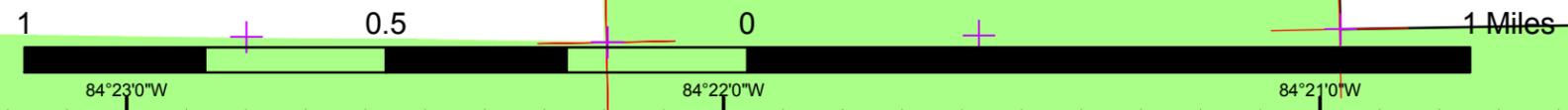
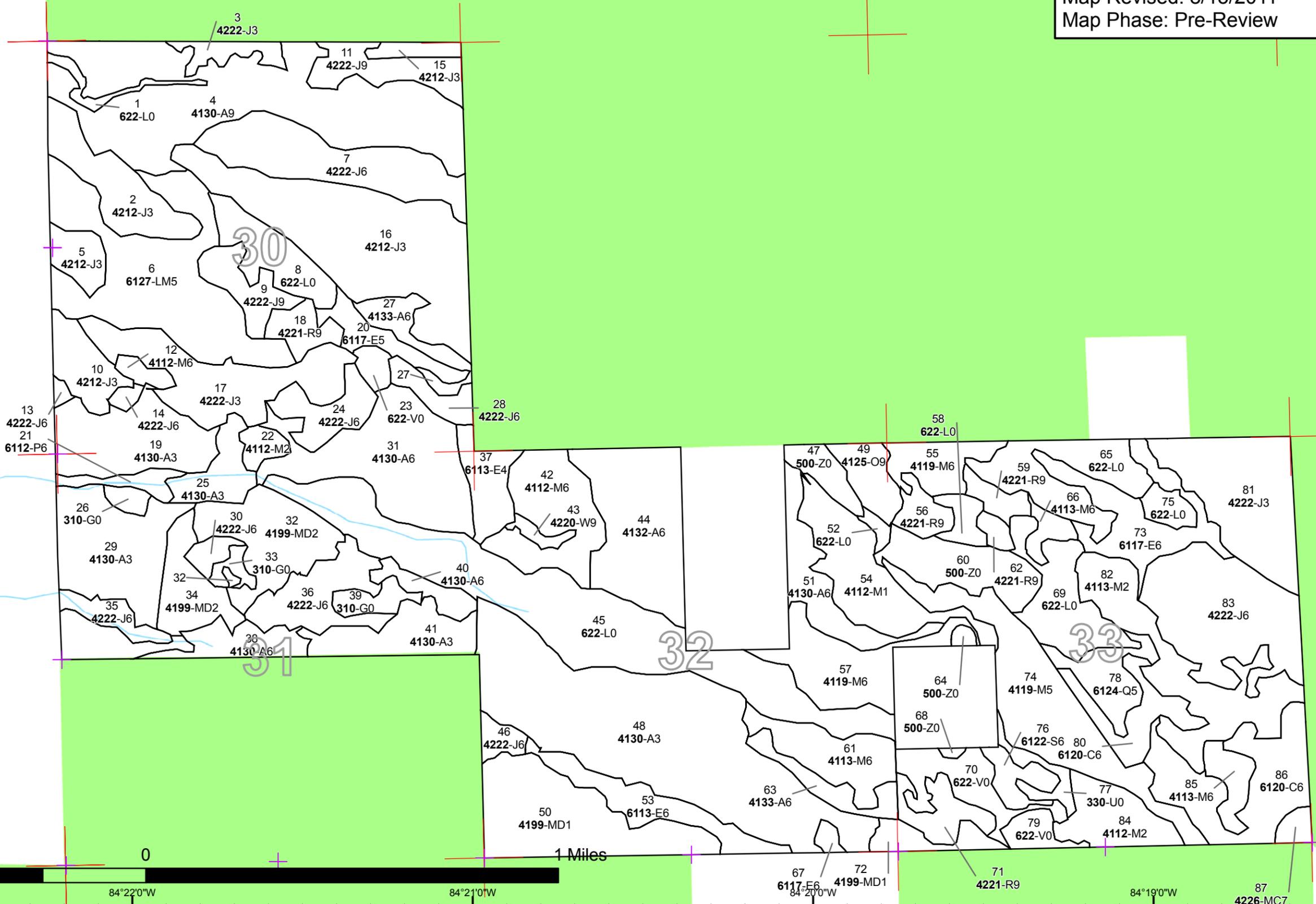
# Dedicated & Proposed Special Conservation Area Map

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

Compartment 182  
 T24N, R01E, Sec. 30-33  
 County: Ogemaw  
 Unit: Roscommon  
 YOE: 2013  
 Acres: 2,101 GIS Calculated  
 Stand Examiner: Jason Lewicki  
 Map Revised: 8/15/2011  
 Map Phase: Pre-Review



- Legend**
- Miris Corners
  - High Conservation Value Areas
  - Kirtland Warbler Habitat
  - Special Conservation Areas
  - Cold Water Streams
  - Stand Boundaries
  - Forest Stands
  - Level 3
  - 411 - Northern Hardwood
  - 412 - Oak Types
  - 413 - Aspen Types
  - 419 - Mixed Upland Deciduous
  - 421 - Planted Pines
  - 422 - Natural Pines
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  - Level 3
  - 310 - Herbaceous Openland
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**Table 1 – Total Acres by Cover Type and Age Class**



	Age Class														Total	
	Non-Forested	1-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120 +		Uneven Age
Aspen	0	263	15	0	54	132	118	0	0	0	0	0	0	0	0	581
Bog	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32
Cedar	0	0	0	0	0	0	0	0	44	0	0	18	0	0	0	61
Herbaceous Openland	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15
Jack Pine	0	0	255	0	46	57	91	0	19	0	0	0	0	0	0	467
Low-Density Trees	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Lowland Aspen/Balsam Poplar	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	7
Lowland Conifers	0	0	0	0	0	81	0	0	0	0	0	17	0	0	0	98
Lowland Deciduous	0	0	0	0	0	22	0	61	0	0	0	0	0	0	0	84
Lowland Shrub	218	0	0	0	0	0	0	0	0	0	0	0	0	0	0	218
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	9
Mixed Upland Deciduous	0	120	0	0	0	0	0	0	0	0	0	0	0	0	0	120
Natural Mixed Pines	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	4
Northern Hardwood	0	59	56	59	16	32	29	42	10	0	0	0	0	0	0	303
Oak	0	0	0	0	0	0	0	0	13	0	0	0	0	0	0	13
Red Pine	0	0	0	0	0	0	10	0	18	13	0	0	0	0	0	41
Water	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	38
White Pine	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	3
<b>Total</b>	<b>310</b>	<b>442</b>	<b>325</b>	<b>59</b>	<b>116</b>	<b>324</b>	<b>255</b>	<b>103</b>	<b>117</b>	<b>13</b>	<b>0</b>	<b>38</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2101</b>



## Table 2 – Proposed Treatment Summaries

**Roscommon Mgt. Unit**  
**Year of Entry 2013**

**Compartment 182**  
**Total Compartment Acres: 2101**

### Acres by Treatment Type

Commercial Harvest - 137	Site Prep - 57	Tree Planting - 0	Prescribed Burn - 0	Other - 0
Habitat Cut - 0	Opening Maintenance - 15	Tree Seeding - 0	Pesticide - 0	

### Cover Type by Harvest Method

	Clearcut	Selection	Seed Tree	Shelterwood	Thinning	Other - Specify	Total Acres
<b>Aspen</b>	118	0	0	0	0	0	118
<b>Jack Pine</b>	19	0	0	0	0	0	19
<b>Total</b>	137	0	0	0	0	0	137



S t a n d	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
4	71182004-Cut	118.1	4130 - Aspen	High Density Log	52	Harvest	Clearcut with Reserves	4130 - Aspen	Cmpt. Review Proposal
<u>Prescription</u> Final harvest with 2" spec and regenerate aspen for grouse and woodcock habitat along with aspen sustainability. Apply retention along wet <u>Specs:</u> areas along swale and west side and with scattered pine. May need to use mats if available. <u>Other</u> <u>Comments:</u> <u>Next</u> <u>Steps:</u>									
11	71182011-Cut	18.8	42220 - Natural Jack Pine	High Density Log	74	Harvest	Clearcut with Reserves	42120 - Planted Jack Pine	Cmpt. Review Proposal
<u>Prescription</u> Final harvest with 2" spec and manage for jack pine. Plant/seed jack pine in areas that don't regenerate to aspen. Evaluate after aspen <u>Specs:</u> sprouting. Leave a few red pine for retention. <u>Other</u> <u>Comments:</u> <u>Next</u> <u>Steps:</u>									
34	71182034-Prep	19.9	4199 - Other Mixed Upland Deciduous	Medium Density Sapling	6	Site Prep	Chopping	42111 - Planted Red Pine, Mixed Deciduous	Cmpt. Review Proposal
<u>Prescription</u> Site prep by either roller chopping or herbiciding cherry brush then trench and plant appropriate pine species, Kotar indicates a red pine <u>Specs:</u> (parvha). <u>Other</u> <u>Comments:</u> <u>Next</u> Trench/plant red pine after site prep. <u>Steps:</u>									
54	71182054-Prep	37.6	4112 - Maple, Beech, Cherry Association	Low Density Sapling	7	Site Prep	Chopping	42111 - Planted Red Pine, Mixed Deciduous	Cmpt. Review Proposal
<u>Prescription</u> Apply site prep by either roller chopping or herbicide. Follow up by trenching and planting red pine. Red pine in adjacent stand and general area <u>Specs:</u> do very well. Good red pine site. Area Biologist would like to interplant acorns with red pine. Interplant acorns within red pine trenches unless funding or acorn availability fall through. <u>Other</u> <u>Comments:</u> <u>Next</u> Follow up site prep with trenching and planting to red pine. <u>Steps:</u>									
26	NF_71182026-NonFor	3.7	Non-Forested		0	Non-Forest Management	Mowing	3102 - Grass	Cmpt. Review Proposal
<u>Prescription</u> <u>Specs:</u> <u>Other</u> <u>Comments:</u> <u>Next</u> <u>Steps:</u>									

**Table 3 -- Treatments Prescribed  
with No Limiting Factor**

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	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
33	NF_71182033-NonFor	3.9	Non-Forested		0	Non-Forest Management	Mowing	3102 - Grass	Cmpt. Review Proposal

PrescriptionSpecs:OtherComments:NextSteps:

39	NF_71182039-NonFor	7.3	Non-Forested		0	Non-Forest Management	Mowing	3102 - Grass	Cmpt. Review Proposal
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PrescriptionSpecs:OtherComments:NextSteps:

**Total Treatment  
Acreage Proposed: 209.3**

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Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
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#Error

Prescription  
Specs:

Other  
Comment:

Next  
Steps:

Limiting Factor and No  
Treatment Reason

**Total Treatment**  
**Acreage Proposed: 0**

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

Year of Entry: 2013



Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
<b>71048_OutOfY OE_1-Cut</b>	2.2				Harvest	Low Thinning	42111 - Planted Red Pine, Mixed Deciduous	Cmpt. Review Proposal
<p><u>Prescription</u> thin to 120 SF by concentrating on improving the quality of the stand, no retention other than residual RP, save areas heavy to oak understory  <u>Specs:</u> where possible</p> <p><u>Other</u> cut with stand to the west in 71046  <u>Comments:</u></p> <p><u>Next</u> manage for utility poles next YOE  <u>Steps:</u></p>								
<b>71048_OutOfY OE-Cut</b>	4.0			0	Harvest	Clearcut with Reserves	4131 - Aspen, Oak	Cmpt. Review Proposal
<p><u>Prescription</u> final harvest for aspen mgmt., mark oak SL to leave for wildlife mast, mark R/W pine SL for diversity, no retention other than marked leave  <u>Specs:</u> trees, address green-up concerns on the east side of this stand if still a problem, dormant season cut to promote vigorous sprouting of the older aspen in the stand, any regeneration to a fully stocked stand is acceptable, trench and plant RP if regeneration fails</p> <p><u>Other</u> cut with stand to the west in 71046  <u>Comments:</u></p> <p><u>Next</u>  <u>Steps:</u></p>								
<b>71118_OutOfY OE-Cut</b>	6.6			0	Harvest	Clearcut with Reserves	4131 - Aspen, Oak	Cmpt. Review Proposal
<p><u>Prescription</u> final harvest for aspen mgmt. mark or leave all oak for diversity/retention/visuals. buffer low marshy ground on southwest. leave out any wetter  <u>Specs:</u> areas in the north part of the stand for BMP reasons. leave out areas with heavy R/W pine component for diversity/retention/visuals. Any regeneration of aspen/oak/pine to a fully stocked stand is acceptable. regeneration alternative is to plant red pine if stand is not fully stocked but this is unlikely.</p> <p><u>Other</u> treat with stand to the west in 71117, add proper protection specs to ensure trail status open to snowmobiles during hauling  <u>Comments:</u></p> <p><u>Next</u>  <u>Steps:</u></p>								
<b>71165_OutOfY OE-Cut</b>	5.1				Harvest	Low Thinning	42260 - Natural Pine, Mixed Deciduous	Cmpt. Review Proposal
<p><u>Prescription</u> thin to 90-120 SF/Acre so as to enhance old growth/bio-diversity characteristics  <u>Specs:</u></p> <p><u>Other</u> stand has a dense A/RM understory which will need to be addressed with appropriate sale specs, save W3 understory where possible, treat  <u>Comments:</u> stand to the west in 71163 when this stand is treated (same stand)</p> <p><u>Next</u>  <u>Steps:</u></p>								
<b>Total Treatment Acreage Proposed:</b>	<b>17.9</b>							

Stand	Roscommon Mgt. Unit		5 – Forested Stands			Compartment: 182	General Comments:
	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Year of Entry: 2013	
2	42120 - Planted Jack Pine	High Density Sapling	28.7	16			Seeded high water table jack pine.
3	42220 - Natural Jack Pine	High Density Sapling	7.8	16			
4	4130 - Aspen	High Density Log	118.1	52	81-110		Large stand of overmature quaking aspen. Old OI notes indicate area was "KG bladed" in 1959. Aspen is in decline and has evidence of hypoxylon and heart rot. Some scattered red and jack pine. Stand contains a few narrow drainages that flow west towards the AuSable via east creek. One drainage may be difficult to cross and access south west part of stand. Could possibly be crossed frozen, dry or with mats.
5	42120 - Planted Jack Pine	High Density Sapling	10.3	16			seeded high water table jack pine.
6	6127 - Lowland Pine	Medium Density Pole	81.0	45	51-80		Mixed stand of aspen/red maple and clumps of red pine on higher spots. Some open wet areas that have little canopy cover. Entire stand is on a high water table with standing water during wet times. Your guess is as good as mine on it's cover type.
7	42220 - Natural Jack Pine	High Density Pole	45.9	32	51-80		
9	42220 - Natural Jack Pine	High Density Log	14.8	55	51-80		Jack pine stand on high water table. Some areas of quaking aspen along with some scattered red pine.
10	42120 - Planted Jack Pine	High Density Sapling	16.2	16			
11	42220 - Natural Jack Pine	High Density Log	18.8	74	81-110		Old jack pine sawtimber stand that is in decline. Stand is mixed with red maple, aspen and some red pine. More aspen on western side. Seems to be good jack pine site.
12	4112 - Maple, Beech, Cherry Association	High Density Pole	4.3	55	81-110		Small stand of red maple on high water table. Holds water in spring and wet times. Some oak on higher hummocks.
13	42220 - Natural Jack Pine	High Density Pole	1.4	45	51-80		
14	42220 - Natural Jack Pine	High Density Pole	2.2	40	81-110		Small stand of jack pine with some oak and mixed pine.
15	42120 - Planted Jack Pine	High Density Sapling	5.2	17			
16	42120 - Planted Jack Pine	High Density Sapling	90.4	16			
17	42220 - Natural Jack Pine	High Density Sapling	45.6	16			High water table seeded in jack pine,



S t a n d	Roscommon Mgt. Unit		5 – Forested Stands			Compartment: 182	General Comments:
	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Year of Entry: 2013	
18	42210 - Natural Red Pine	High Density Log	9.9	55	81-110	Natural red pine stand on high water tale. Hummocky ground. Good growth potential.	
19	4130 - Aspen	High Density Sapling	39.1	6			
20	6117 - Lowland Deciduous, Mixed Coniferous	Medium Density Pole	12.3	65	51-80	Drainage	
21	6112 - Lowland Aspen	High Density Pole	6.7	55	81-110	Narrow wet aspen drainage. Some beaver activity on east side. Muscle wood in some areas of understory.	
22	4112 - Maple, Beech, Cherry Association	Medium Density	5.7	16			
24	42220 - Natural Jack Pine	High Density Pole	16.0	55	81-110	Jack pine stand on high water table mixed with some red pine.	
25	4130 - Aspen	High Density Sapling	14.7	16		Wet swale cuts through middle of stand. Current beaver activity creating some ponding. Good wood duck habitat.	
27	4133 - Aspen, Mixed Pine	High Density Pole	12.9	45	51-80		
28	42220 - Natural Jack Pine	High Density Pole	8.7	45	81-110	Larger jack pine on north west end mixed with sawtimber red pine. Most of the stand is thick pole timber jack pine.	
29	4130 - Aspen	High Density Sapling	56.9	6			
30	42220 - Natural Jack Pine	High Density Pole	4.7	40	81-110	Probably regenerated by old St. Helen Fire.	
31	4130 - Aspen	High Density Pole	61.1	41	51-80	Quaking aspen stand on hummocky ground with high water table. Old OI indicated year of origin at 1960. It's not believed to be that old.	
32	4199 - Other Mixed Upland Deciduous	Medium Density	35.7	6			
34	4199 - Other Mixed Upland Deciduous	Medium Density	19.9	6		Oak regeneration failure that is now growing scattered pin cherry.	
35	42220 - Natural Jack Pine	High Density Pole	9.0	45	51-80		
36	42220 - Natural Jack Pine	High Density Pole	25.6	40	51-80	Natural jack pine stand. Some older ages of jack pine with evidence of fire scars. Regenerated from old(1960's) St.Helen fire.	
37	6113 - Lowland Maple	Low Density Pole	15.3	65	1-50		



S t a n d	Roscommon Mgt. Unit			5 – Forested Stands		Compartment: 182 Year of Entry: 2013	General Comments:
	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range		
38	4130 - Aspen	High Density Pole	14.9	45			
40	4130 - Aspen	High Density Pole	8.4	45	51-80		
41	4130 - Aspen	High Density Sapling	23.9	1		Harvested early spring of 2011 with stand and compartment to the south. "Beaver slide aspen".	
42	4112 - Maple, Beech, Cherry Association	High Density Pole	36.3	65	51-80	Red maple pole timber stand with some quaking aspen mixed in, Hummocky ground with high water table. Scattered oaks.	
43	42200 - Natural White Pine	High Density Log	3.2	100	111-140		
44	4132 - Aspen, Jack Pine	High Density Pole	54.1	38	51-80		
46	42220 - Natural Jack Pine	High Density Pole	5.5	40	51-80	Natural jack pine regenerated from old St. Helen fire of mid 60's. Narrow drainage flows through stand.	
48	4130 - Aspen	High Density Sapling	143.1	6		Poor quality quaking aspen mixed with heavy cherry.	
49	4125 - Black, N. Pin Oak	High Density Log	12.7	78	81-110	Black oak stand with some red pine and areas of aspen. Some areas on the north end have most of the aspen cut by beavers.	
50	4199 - Other Mixed Upland Deciduous	Low Density Sapling	54.4	6		Oak regen failure that was supplemental planted to red pine.	
51	4130 - Aspen	High Density Pole	22.8	45	81-110	Quaking aspen stand with scattered super canopy red pine sawtimber.	
53	6113 - Lowland Maple	High Density Pole	22.4	45	1-50	Red maple drainage. Some open wet areas and a few small higher areas growing some oak.	
54	4112 - Maple, Beech, Cherry Association	Low Density Sapling	37.6	7		Oak clear cut from last entry that sprouted to mostly low density red maple. Some quaking aspen on south west edge.	
55	4119 - Mixed Northern Hardwoods	High Density Pole	15.8	38	51-80	red maple and oak stump sprout stand. Some super canopy red pine.	
56	42210 - Natural Red Pine	High Density Log	8.3	78	111-140	Nice, natural red pine stand.	
57	4119 - Mixed Northern Hardwoods	High Density Pole	32.1	45	51-80	Red maple pole timber stand with some super canopy pine and oak.	
59	42210 - Natural Red Pine	High Density Log	6.6	78	81-110		



S t a n d	Roscommon Mgt. Unit			5 – Forested Stands		Compartment: 182	General Comments:
	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Year of Entry: 2013	
61	4113 - R.Maple, Conifer	High Density Pole	24.9	55	51-80		Red maple stand on high water table. Some wet areas holding water. Some scattered oak on drier hummocks.
62	42210 - Natural Red Pine	High Density Log	3.4	78	111-140		Natural red pine stand
63	4133 - Aspen, Mixed Pine	High Density Pole	11.4	45	51-80		Thin strip of aspen mixed with old oak on north side of trail road that probably should have been cut with stand to the south. Origin is probably from 1960's St. Helen fire.
66	4113 - R.Maple, Conifer	High Density Pole	5.7	65	81-110		
67	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	2.4	65	51-80		
71	42210 - Natural Red Pine	High Density Log	13.2	88	81-110		
72	4199 - Other Mixed Upland Deciduous	Low Density Sapling	9.7	6			Oak regen failure that was supplement planted with red pine.
73	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	31.0	65	81-110		Wet red maple stand with areas of tag alder. Some patches of larger pine.
74	4119 - Mixed Northern Hardwoods	Medium Density Pole	58.6	26	1-50		Red maple and cherry stump sprout stand. Some low density open areas. A few clones of aspen. Some bigtooth aspen along east swamp edge.
76	6122 - Black Spruce	High Density Pole	9.2	75	51-80		Slow growing black spruce. Rings difficult to count.
78	6124 - Lowland Spruce- Fir	Medium Density Pole	16.8	100			
80	6120 - Lowland Cedar	High Density Pole	17.6	100			
81	42220 - Natural Jack Pine	High Density Sapling	50.6	16			Seeded jack pine stand. Good oak mix.
82	4113 - R.Maple, Conifer	Medium Density	49.9	15	1-50		Oak regeneration failure. Stand was seed tree cut leaving scattered, large, old oak. Stand regenerated to scattered stump sprout red maple. Large areas of low density red maple and pine.
83	42220 - Natural Jack Pine	High Density Pole	59.8	55	51-80		Jack pine stand with some older super canopy oak and red pine. Some areas have quaking aspen mixed in.
84	4112 - Maple, Beech, Cherry Association	Medium Density	21.9	6			



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Roscommon Mgt. Unit

5 – Forested Stands

Compartment: 182  
Year of Entry: 2013



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
85	4113 - R.Maple, Conifer	High Density Pole	9.9	75	51-80	Red maple, balsam fir stand surrounded by swamp. Some scattered black and white oak. Large white pine and even some hemlock on edges and south end.
86	6120 - Lowland Cedar	High Density Pole	43.8	75	81-110	
87	42260 - Natural Pine, Mixed Deciduous	Low Density Log	4.0	75	1-50	Area surrounding old house that was aquired in the adjacent 40 acres.



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
1	6220 - Alder/willow	5.1	No	Unspecified	
8	6220 - Alder/willow	21.8	No	Unspecified	
23	6225 - Bog	4.7	No	Unspecified	
26	3102 - Grass	3.7	Yes	High (NonForested)	
33	3102 - Grass	3.9	Yes	High (NonForested)	
39	3102 - Grass	7.3	Yes	High (NonForested)	
45	6220 - Alder/willow	113.9	No	Unspecified	
47	50 - Water	9.2	No	Unspecified	
52	6220 - Alder/willow	2.4	No	Unspecified	
58	6220 - Alder/willow	6.6	No	Unspecified	
60	50 - Water	26.5	No	Unspecified	
64	50 - Water	1.7	No	Unspecified	
65	6220 - Alder/willow	33.3	No	Unspecified	
68	50 - Water	0.8	No	Unspecified	
69	6220 - Alder/willow	28.3	No	Unspecified	
70	6225 - Bog	20.1	No	Unspecified	
75	6220 - Alder/willow	6.3	No	Unspecified	
77	3302 - Low Density Conifer Trees	6.9	Planted	Jack Pine	



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
79	6225 - Bog	7.3	No	Unspecified	



**7 – PROPOSED SPECIAL CONSERVATION AREA\* (SCA) DETAILS**

\* This is a partial list of SCAs for this compartment. Not included are those areas identified under other Department initiatives (Natural Rivers, Deer Wintering Areas, etc.). Those will be identified in separate, future map and report products.

Stand	SCA Type	SCA Name	Acres	Comments



## 8 – DEDICATED CONSERVATION AREA DETAILS

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

Conservation Area	Type	Description
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species (e.g., slimy sculpin) to persist from year to year. Coldwater streams in Michigan typically provide these conditions due to substantial contributions of groundwater to their stream flows. Such streams are established by Director's action and designated as trout resources by Fisheries Order 210.
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.

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