



**ROSCOMMON FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION**

COMPARTMENT # 139 ENTRY YEAR: 2013

Compartment Acreage: 1280 County: Roscommon

Revision Date: 06-29-2011

Stand Examiner: Ben Wiese

Legal Description: T21N R03W sections 13, and 14

Management Area: Upper Muskegon

Management Goals: Provide for sustainable ecosystem based management. Maintain healthy and diverse forested stands for wildlife, recreation and the production of forest products. Timber harvest to thin overstocked stands and to promote uneven-aged management, establish mixed pine and hardwood stands.

Soil and Topography: Surface soils include Grayling, Graycalm, Croswell, Klacking, Graycalm-Klacking, Graycalm-Croswell sands and poorly drained Tawas-Leafriver and Tawas-Lupton muck. Topography is rolling hills to the east low hills and ridges with swales, streams and beaver ponds to the west.

Ownership Patterns, Development, and Land Use in and Around the Compartment: The compartment is surrounded by state owned land on three sides and by Mid-Forest Lodge to the East.

Unique, Natural Features: None noted.

Archeological, Historical, and Cultural Features: None noted.

Special Management Designations or Considerations: Stand 7 is nominated for a special conservation area.

Watershed and Fisheries Considerations: None noted.

Wildlife Habitat Considerations: Deer, grouse, turkey, bear, birds.

Mineral Resource and Development Concerns and/or Restrictions: Surface sediments consist of ice-contact and glacial outwash sand and gravel and postglacial alluvium. The glacial drift thickness varies between 600 and 800 feet. Beneath the glacial drift are the Jurassic Ionia Formation and the Pennsylvanian Grand River and Saginaw Formations. The Saginaw is quarried for clay elsewhere in the State. Most of the nearby gravel pits are associated with upland areas. The nearest gravel pit is located within one mile to the north and potential is thought to be good on the upland areas. Headquarters Field is located two miles to the southwest. The field has produced over 11.3 million BO and 4.2 Bcf gas primarily from the Devonian

Richfield Formation and is in secondary recovery operations currently. All of the State land is currently leased for oil and gas development.

Vehicle Access: There is good access throughout most of the compartment, utilizing M-18, various forest roads, county roads and snowmobile trails.

Survey Needs: None at this time

Recreational Facilities and Opportunities: Opportunities include hunting, snowmobiling and ORV operating.

Fire Protection: Cover type varies, there are young stands of aspen and red and jack pine.

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**

Stand Boundary Map

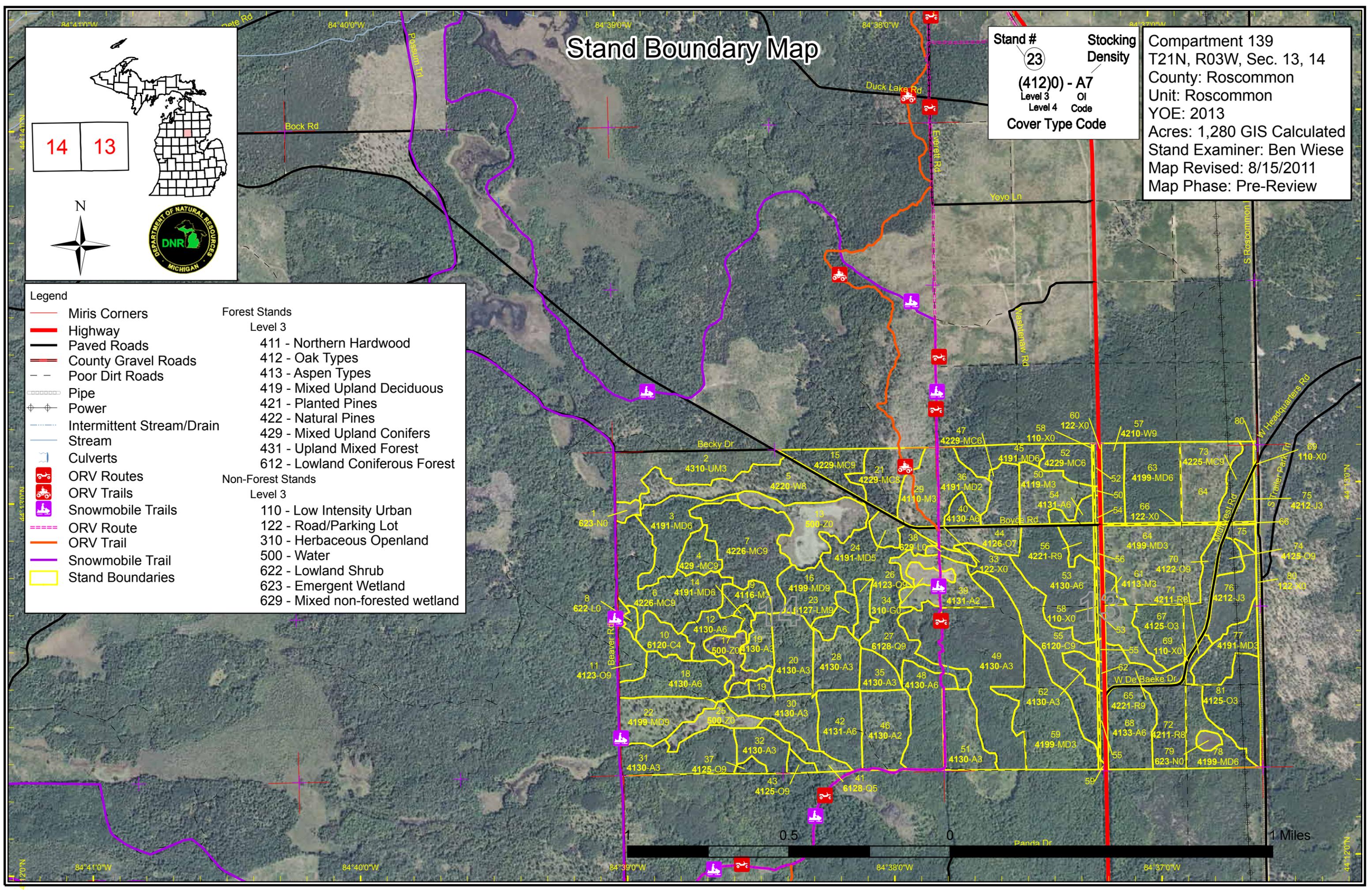
Stand # 23	Stocking Density OI	Compartment 139 T21N, R03W, Sec. 13, 14 County: Roscommon Unit: Roscommon YOE: 2013 Acres: 1,280 GIS Calculated Stand Examiner: Ben Wiese Map Revised: 8/15/2011 Map Phase: Pre-Review
(4120) - A7		
Level 3	Code	
Level 4	Code	
Cover Type Code		

14 13

Legend	
	Miris Corners
	Highway
	Paved Roads
	County Gravel Roads
	Poor Dirt Roads
	Pipe
	Power
	Intermittent Stream/Drain
	Stream
	Culverts
	ORV Routes
	ORV Trails
	Snowmobile Trails
	ORV Route
	ORV Trail
	Snowmobile Trail
	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
429	Mixed Upland Conifers
431	Upland Mixed Forest
612	Lowland Coniferous Forest

Non-Forest Stands	
Level 3	
110	Low Intensity Urban
122	Road/Parking Lot
310	Herbaceous Openland
500	Water
622	Lowland Shrub
623	Emergent Wetland
629	Mixed non-forested wetland

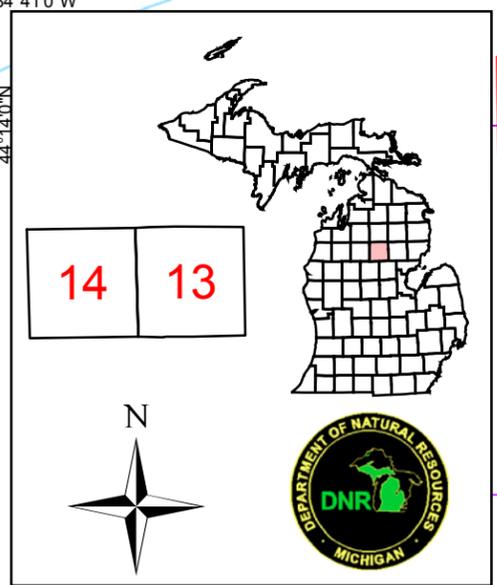


Dedicated & Proposed Special Conservation Area Map

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

Stocking
 Density
 OI
 Code

Compartment 139
 T21N, R03W, Sec. 13, 14
 County: Roscommon
 Unit: Roscommon
 YOE: 2013
 Acres: 1,280 GIS Calculated
 Stand Examiner: Ben Wiese
 Map Revised: 8/15/2011
 Map Phase: Pre-Review



- Legend**
- Miris Corners
 - + Remonumented Section Corners
 - Proposed Special Conservation Areas
 - ▨ SCA - Special Conservation Area
 - 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
 - 429 - Mixed Upland Conifers
 - 431 - Upland Mixed Forest
 - 612 - Lowland Coniferous Forest
 - Non-Forest Stands
 - Level 3
 - 110 - Low Intensity Urban
 - 122 - Road/Parking Lot
 - 310 - Herbaceous Openland
 - 500 - Water
 - 622 - Lowland Shrub
 - 623 - Emergent Wetland
 - 629 - Mixed non-forested wetland

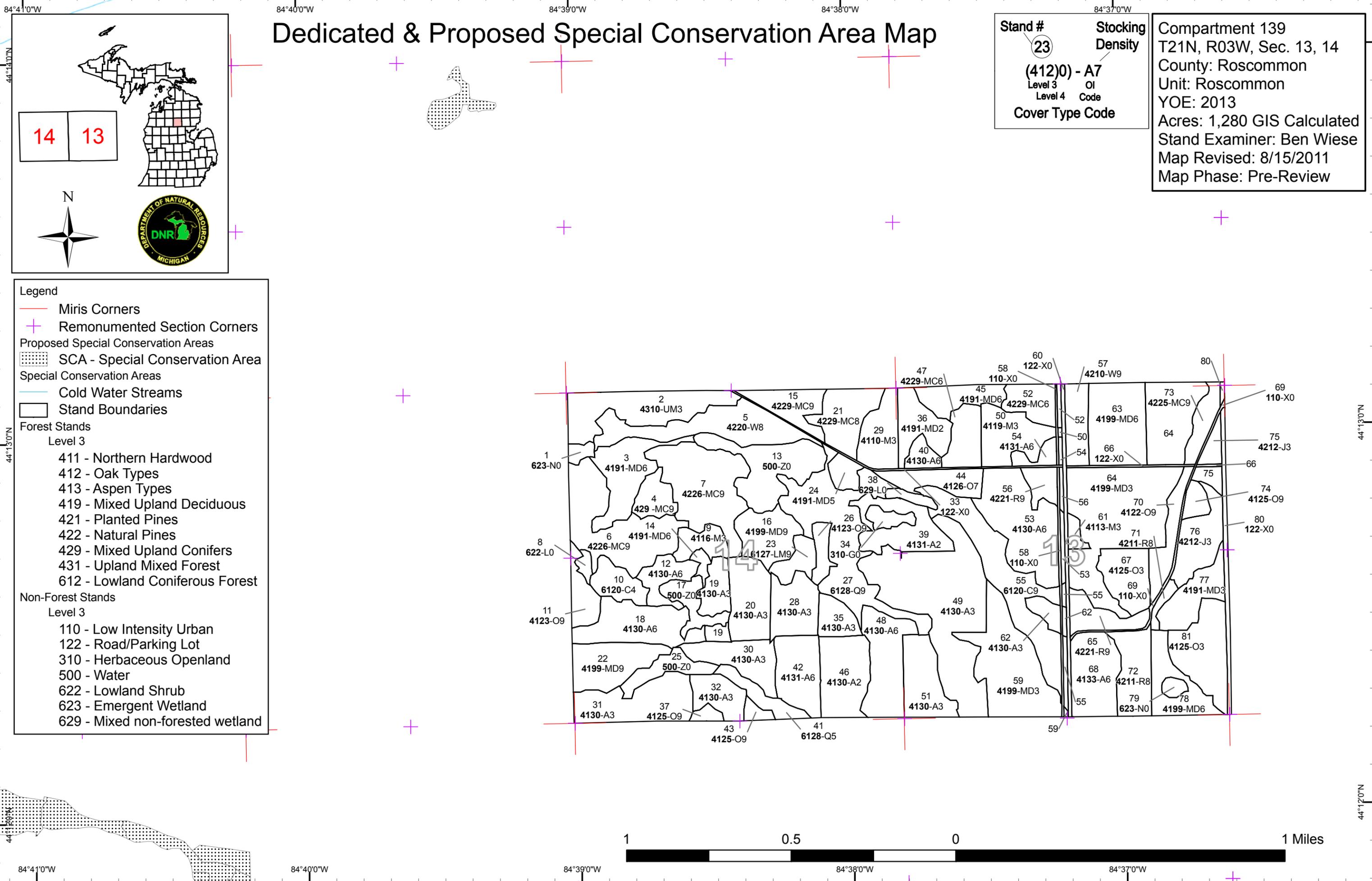
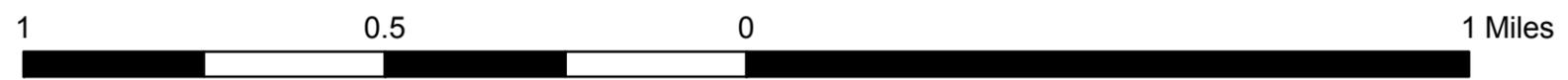
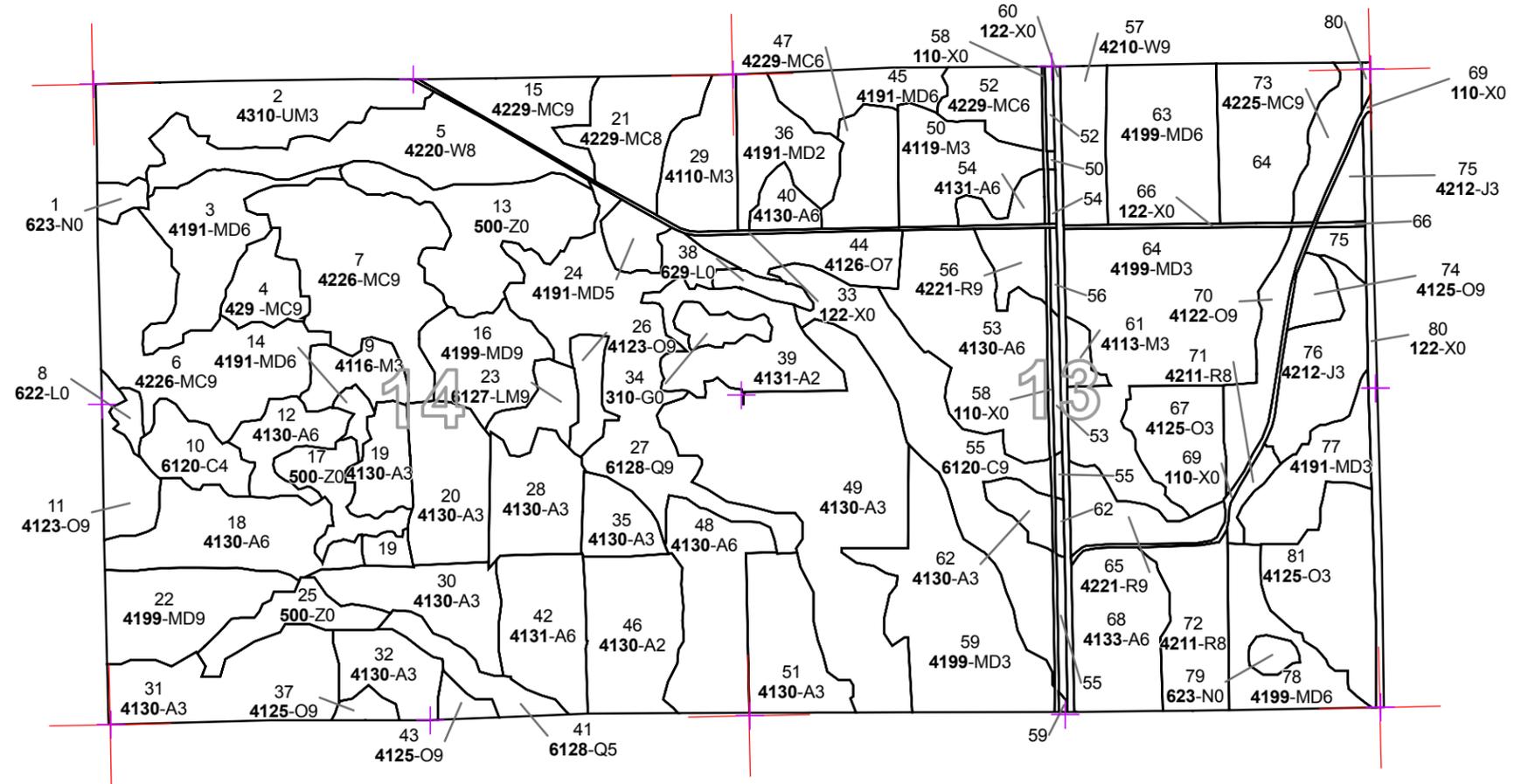


Table 1 – Total Acres by Cover Type and Age Class



	Age Class														Total	
	Non-Forested	1-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120 +		Unretn Age
Aspen	0	20	97	54	101	123	0	0	0	0	0	0	0	0	0	393
Cedar	0	0	0	0	0	0	0	0	0	0	10	40	0	0	0	50
Herbaceous Openland	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Jack Pine	0	0	17	0	7	0	0	0	0	0	0	0	0	0	0	24
Lowland Conifers	0	0	0	0	0	0	0	0	0	8	0	0	7	47	0	63
Lowland Shrub	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Marsh	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Mixed Upland Deciduous	0	121	0	57	44	12	21	0	0	0	0	0	17	0	0	272
Natural Mixed Pines	0	0	0	0	0	12	42	38	0	8	38	0	0	0	0	138
Northern Hardwood	0	34	0	8	3	0	0	0	0	0	0	0	0	0	0	45
Oak	0	0	0	0	16	0	0	0	13	30	16	9	5	0	0	88
Red Pine	0	0	0	0	0	0	0	11	7	20	0	0	0	0	0	38
Upland Conifers	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	9
Upland Mixed Forest	0	0	30	0	0	0	0	0	0	0	0	0	0	0	0	30
Urban	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28
Water	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	46
White Pine	0	0	0	0	0	31	0	0	0	11	0	0	0	0	0	42
Total	88	175	144	119	170	177	63	49	20	77	72	49	29	47	0	1280



Table 2 – Proposed Treatment Summaries

Roscommon Mgt. Unit
Year of Entry 2013

Compartment 139
Total Compartment Acres: 1280

Acres by Treatment Type

Commercial Harvest - 83	Site Prep - 15	Tree Planting - 0	Prescribed Burn - 0	Other - 0
Habitat Cut - 0	Opening Maintenance - 0	Tree Seeding - 0	Pesticide - 0	

Cover Type by Harvest Method

		Clearcut	Selection	Seed Tree	Shelterwood	Thinning	Other - Specify	Total Acres
Natural Mixed Pines		30	38	0	0	0	0	69
Red Pine		0	0	0	0	14	0	14
Total		30	38	0	0	14	0	83



Stand	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
S t a n d	71139_OutOfY OE_2-Cut	4.6				Harvest	Crown Thinning	4123 - Red Oak	Fld. Tr. Bdy.
<u>Prescription</u> Carry prescripton across compartment boundary into this small stand.									
<u>Specs:</u>									
<u>Other</u> Part of the same stand to the west in 71140									
<u>Comments:</u>									
<u>Next</u>									
<u>Steps:</u>									
6	71139006-Cut	38.5	42260 - Natural Pine, Mixed Deciduous	High Density Log	60	Harvest	Single Tree Selection	42260 - Natural Pine, Mixed Deciduous	Cmpt. Review Proposal
<u>Prescription</u> Thin to 80-90 BA to begin uneven aged management. Remove trees from all classes. Leave the best single stem red maple. Favor the best									
<u>Specs:</u> formed and healthy trees. Leave oak for seed.									
<u>Other</u>									
<u>Comments:</u>									
<u>Next</u>									
<u>Steps:</u>									
15	71139015-Cut	12.9	42290 - Natural Mixed Pine	High Density Log	54	Harvest	Clearcut with Reserves	42290 - Natural Mixed Pine	Cmpt. Review Proposal
<u>Prescription</u> Clearcut with reserves, leave the best formed white and red pine for future seed sources. Chip slash for site prep.									
<u>Specs:</u>									
<u>Other</u>									
<u>Comments:</u>									
<u>Next</u> Trench, plant red pine, site prep as needed. Area biologist recommends interplanting acorns.									
<u>Steps:</u>									
21	71139021-Cut	17.6	42290 - Natural Mixed Pine	Medium Density Log	55	Harvest	Clearcut with Reserves	42290 - Natural Mixed Pine	Cmpt. Review Proposal
<u>Prescription</u> Clearcut with reserves. Leave a mix of healthy full crowned red pine, jack pine and white. Chip slash for site prep. Protect ORV trail from									
<u>Specs:</u> harvest damage.									
<u>Other</u>									
<u>Comments:</u>									
<u>Next</u> Trench, plant red pine, site prep as needed. Area biologist recommends interplanting acorns. Protect ORV trail from harvest damage.									
<u>Steps:</u>									
65	71139065-Cut	11.0	42211 - Natural Red Pine, Mixed Deciduous	High Density Log	68	Harvest	Low Thinning	42111 - Planted Red Pine, Mixed Deciduous	Cmpt. Review Proposal
<u>Prescription</u> Thin from below to 60-80 BA. Leave healthy full canopy trees. Cut all aspen except a few stems for snag creation. Try to release the poles and									
<u>Specs:</u> saplings to create a multi aged canopy.									
<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
71 71139071-Cut	2.7	42110 - Planted Red Pine	Medium Density Log	76	Harvest	Low Thinning	42110 - Planted Red Pine	Cmpt. Review Proposal

Prescription Thin from below to 60-80 BA. Leave the largest healthiest crowned trees. Objective is to grow large healthy trees for visual.

Specs:

Other Harvest with stand to the west.

Comments:

Next

Steps:

29 71139029-Prep	14.9	4110 - Sugar Maple Association	High Density Sapling	6	Site Prep	Scarification	4199 - Other Mixed Upland Deciduous	Cmpt. Review Proposal
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Prescription Trench, plant red pine, site prep as needed.

Specs:

Other Stand will be mixed red pine, cherry, aspen and oak

Comments:

Next

Area biologist recommends interplanting acorns.

Steps:

**Total Treatment
Acreage Proposed: 102.0**

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

Other
Comment:

Next
Steps:

Limiting Factor and No
Treatment Reason

Total Treatment
Acreage Proposed: 0

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

Year of Entry: 2013



Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
71048_OutOfY OE_1-Cut	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>								
71048_OutOfY OE-Cut	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>								
71118_OutOfY OE-Cut	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>								
71165_OutOfY OE-Cut	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>								
Total Treatment Acreage Proposed:	17.9							

S t a n d	Roscommon Mgt. Unit		5 – Forested Stands			Compartment: 139	General Comments:
	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Year of Entry: 2013	
2	4310 - Pine, Oak Mix	High Density Sapling	30.2	16			
3	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	21.4	50	51-80		Nice mixed stand, with trace amounts red oak, paper birch and white cedar. Small creek runs to NW.
4	429 - Mixed Upland Conifers	High Density Log	8.6	95	81-110		Unique hemlock stand with fire scarred white pine stumps.
5	42200 - Natural White Pine	Medium Density Log	30.9	47	1-50		Stand was harvested by removing everything but the white pine and red pine. The residual white pine is multi-aged. Red maple, bigtooth aspen and black cherry are present in the sub-canopy.
6	42260 - Natural Pine, Mixed Deciduous	High Density Log	38.5	60	111-140		White pine stand. Trees are larger in the NW part of stand, smaller with more oak in the SE part of stand. Scattered bigtooth aspen and paper birch. Large wet pocket in the SE part of stand.
7	42260 - Natural Pine, Mixed Deciduous	High Density Log	37.7	97	141-170		North part of stand was previously set up for a harvest, Due to wetlands equipment could not get to it. The stand has a lot of low areas with pits and mounds. The stand is made of mostly red pine and white pine. There is a concentration of red pine in the NE part of the stand, white pine in the S part and a combination scattered through the rest. The understory has red maple and white pine. This stand is unique because it is approaching a late seral condition.
9	4116 - Mixed N. Hardwood - Aspen	High Density Sapling	8.2	25			Red maple and bigtooth aspen removed 25-30 years ago. White pine and red pine were left.
10	6120 - Lowland Cedar	Low Density Pole	9.8	95			Wet tag alder. Cedar, balsam fir and red maple.
11	4123 - Red Oak	High Density Log	8.7	101	81-110		Stand is part of larger stand to the west and is currently under timber sale contract.
12	4130 - Aspen	High Density Pole	9.9	42	111-140		
14	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	2.3	20			
15	42290 - Natural Mixed Pine	High Density Log	12.9	54	51-80		Large growth rings on red pine. Trace red maple and bigtooth aspen.
16	4199 - Other Mixed Upland Deciduous	High Density Log	16.7	112	81-110		Nice red oak mixed upland stand. Good site with quality logs. Scattered oak seedlings.
18	4130 - Aspen	High Density Pole	24.9	30	51-80		Stand was clearcut about 30 years ago.
19	4130 - Aspen	High Density Sapling	11.1	18			Stand was clearcut about 18 years ago.



S t a n d	Roscommon Mgt. Unit		5 – Forested Stands			Compartment: 139	General Comments:
	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Year of Entry: 2013	
20	4130 - Aspen	High Density Sapling	19.4	30			Stand was clearcut about 30 years ago. Swale runs east and west through central part of stand.
21	42290 - Natural Mixed Pine	Medium Density Log	17.6	55	51-80		East part of stand has had a recent surface fire. Scarred trees and some mortality. Many open grown trees
22	4199 - Other Mixed Upland Deciduous	High Density Log	20.2	6	1-50		Two-aged stand with white oak overstory. Stand was clearcut, white oak was left. Regen is aspen and red maple.
23	6127 - Lowland Pine	High Density Log	7.4	114	81-110		White pine stand with lots of wet pits and mounds.
24	4191 - Mixed Upland Deciduous with Conifer	Medium Density Pole	5.3	8			Stand was harvested by clearcutting and leaving all conifer as reserves.
26	4123 - Red Oak	High Density Log	5.4	112	81-110		Red oak stand with dense balsam fir understory.
27	6128 - Lowland Coniferous, Mixed Deciduous	High Density Log	47.2	129	141-170		Unigue stand, mostly lowland hemlock. Super canopy white pine, trace red oak logs. Flowing water through center of stand to the northwest.
28	4130 - Aspen	High Density Sapling	16.3	18			Stand was clearcut 18 years ago.
29	4110 - Sugar Maple Association	High Density Sapling	14.9	6			Stand is mostly black cherry from fire origin.
30	4130 - Aspen	High Density Sapling	16.9	18			Stand was clearcut 18 years ago. White pine now moving into the open landing areas.
31	4130 - Aspen	High Density Sapling	25.8	25			Stand wsa clearcut about 25 years ago. Balsam fir in the understory in west part of stand.
32	4130 - Aspen	High Density Sapling	11.1	18			Stand was clearcut about 18 years ago.
35	4130 - Aspen	High Density Sapling	8.2	30			Stand was clearcut ~ 30 years ago.
36	4191 - Mixed Upland Deciduous with Conifer	Medium Density	14.5	6			Recent surface fire set back the red maple. Small frost pocket to the east. Regen very dense in places. Pockets of bigtooth aspen.
37	4125 - Black, N. Pin Oak	High Density Log	2.3	87			
39	4131 - Aspen, Oak	Medium Density	19.5	8			Stand was clearcut except for the white oak.



S t a n d	Roscommon Mgt. Unit		5 – Forested Stands			Compartment: 139	General Comments:
	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Year of Entry: 2013	
40	4130 - Aspen	High Density Pole	4.8	40	51-80		Recent surface fire caused light damage to some residual trees.
41	6128 - Lowland Coniferous, Mixed Deciduous	Medium Density Pole	8.0	85			Mixed lowland forest.
42	4131 - Aspen, Oak	High Density Pole	19.2	30			Stand was clearcut ~30 years ago.
43	4125 - Black, N. Pin Oak	High Density Log	2.5	86	81-110		
44	4126 - White, Black, N. Pin Oak	Low Density Log	12.6	73	1-50		Stand was harvested by cutting all species except white oak. Mixed oak regen is present, much of it is still less than three feet tall.
45	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	11.8	40	81-110		Pole size mixed upland aspen and pine. Plow line through central part of stand, surface fire in west part, little to no damage to residual.
46	4130 - Aspen	Medium Density	22.6	18			Stand was clearcut 18 years ago.
47	42290 - Natural Mixed Pine	High Density Pole	11.7	44	81-110		Mixed pine, some areas are solid white pine. Surface fire in NW part of stand.
48	4130 - Aspen	High Density Pole	24.2	30			Stand was clearcut ~ 25-30 years ago.
49	4130 - Aspen	High Density Sapling	70.1	45			Stand was clearcut about 45 years ago.
50	4119 - Mixed Northern Hardwoods	High Density Sapling	18.8	6			Stand was clearcut in 2005. Poor stemmed white oak was left.
51	4130 - Aspen	High Density Sapling	18.7	18			Stand was clearcut 18 years ago.
52	42290 - Natural Mixed Pine	High Density Pole	11.5	52	111-140		Stand size is pole but close to being log. Mostly white pine, trace jack pine.
53	4130 - Aspen	High Density Pole	38.1	40	81-110		
54	4131 - Aspen, Oak	High Density Pole	4.7	35			
55	6120 - Lowland Cedar	High Density Log	40.3	105	111-140		Cedar/lowland conifer swamp. Scattered super canopy aspen and white pine. Pockets of blowdown throughout.
56	42210 - Natural Red Pine	High Density Log	7.3	73	51-80		Small healthy stand, low basal area.





	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
57	42101 - Planted White Pine, Mixed Deciduous	High Density Log	11.1	87	111-140	Aspen healthy, may go another rotation or two. Nice cohort of white pine poles and saplings. Oak is poor quality, canopy species are not evenly distributed.
59	4199 - Other Mixed Upland Deciduous	High Density Sapling	39.7	25		Stand was clearcut 25 years ago. The oak is just entering the pole class.
61	4113 - R.Maple, Conifer	High Density Sapling	2.7	30		Stand was clearcut ~ 30 years ago.
62	4130 - Aspen	High Density Sapling	5.1	20		Stand was clearcut about 20 years ago.
63	4199 - Other Mixed Upland Deciduous	High Density Pole	27.8	30		Stand was clearcut about 30 years ago, currently healthy and vigorous. Canopy species distribution is variable. Trace red pine in canopy.
64	4199 - Other Mixed Upland Deciduous	High Density Sapling	81.3	6		Stand was clearcut. Poor quality white oak left as reserves.
65	42211 - Natural Red Pine, Mixed Deciduous	High Density Log	11.0	68	81-110	Wet pocket with alder in the NW corner. Dense balsam fir understory in some places. Aspen senescing and some red pine. Well developed pole/sapling class. Canopy red pine is variable with diameters ranging from 6-18 inches. High water table large growth rings. Trace white in the understory.
67	4125 - Black, N. Pin Oak	High Density Sapling	16.0	30		Stand was clearcut about 30 years ago.
68	4133 - Aspen, Mixed Pine	High Density Pole	22.7	25		25 year old clearcut. Small scattered seasonally wet areas.
70	4122 - Oak, Pine	High Density Log	11.5	95		Small narrow stand along Mid Forest Rd. Could be thinned to remove poor quality stems.
71	42110 - Planted Red Pine	Medium Density Log	2.7	83	81-110	Small Red Pine stand. BA varies.
72	42110 - Planted Red Pine	Medium Density Log	17.3	83	51-80	Stand was harvested by clearcutting all species except red pine. Red pine is the main canopy species. Density and distribution is variable.
73	42250 - Pine, Oak	High Density Log	8.3	84		Nice stand, good to leave for visual along road.
74	4125 - Black, N. Pin Oak	High Density Log	4.5	95		
75	42121 - Planted Jack Pine, Mixed Deciduous	High Density Sapling	7.2	35		Plantation jack pine.
76	42120 - Planted Jack Pine	High Density Sapling	16.9	15		Jack pine plantation with trace amounts of aspen, red maple and oak.

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Roscommon Mgt. Unit

5 – Forested Stands

Compartment: 139
Year of Entry: 2013

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
77	4191 - Mixed Upland Deciduous with Conifer	High Density Sapling	15.3	25	51-80	Stand was clearcut 25-30 years ago. Could not find a cutting record.
78	4199 - Other Mixed Upland Deciduous	High Density Pole	15.9	35		Stand was clearcut 35-40 years ago.
81	4125 - Black, N. Pin Oak	High Density Sapling	24.7	85	51-80	Red and black oak stand with some nice red oak canopy trees. Stand was previously harvested by removing the red maple and aspen. White pine saplings developing in the understory. Many old large white pine stumps. Red maple understory just reaching the canopy.



Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:
1	6230 - Cattail	2.6	No	Unspecified	
8	6220 - Alder/willow	2.1	No	Unspecified	
13	50 - Water	27.3	N/A	Unspecified	Series of three beaver dams.
17	50 - Water	9.1	No	Unspecified	
25	50 - Water	9.4	No	Unspecified	
33	122 - Road/Parking Lot	3.1	N/A	Unspecified	
34	3104 - Degraded	4.3	Yes	Red Pine	Site of former landing. Plant to red pine.
38	629 - Mixed non-forested wetland	2.9	No	Unspecified	
58	11 - Low Intensity Urban	4.1	No	Unspecified	powerline.
60	122 - Road/Parking Lot	6.7	N/A	Unspecified	
66	122 - Road/Parking Lot	1.9	No	Unspecified	
69	11 - Low Intensity Urban	3.8	No	Unspecified	
79	6233 - Wet Meadow	2.4	No	Unspecified	Looks like old beaver pond.
80	122 - Road/Parking Lot	8.1	N/A	Unspecified	



7 – PROPOSED SPECIAL CONSERVATION AREA* (SCA) DETAILS

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

Stand	SCA Type	SCA Name	Acres	Comments



8 – DEDICATED CONSERVATION AREA DETAILS

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

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

Conservation Area	Type	Description
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