



Compartment Review Presentation

Roscommon Forest Management Unit

Compartment 71094

Entry Year 2017

Acreage: 1,305

County Roscommon

Management Area: Ogemaw Hills

Revision Date: 2015-07-16

Stand Examiner: Jason Lewicki

Legal Description:

T22N, R01W Sections 1 and 2

Identified Planning Goals:

Maintain current age and species diversity in a range of early and late successional ecosystems as determined by the Ogemaw Hills Management Area plan.

Soil and topography:

Soils consist primarily of Greycalm, Perecheney and Grayling sands. The west half of this compartment is generally flat to gently rolling. The eastern 1/3 to 1/2 has some hilly terrain and topography.

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

This compartment lies just south of the town of St. Helen. This area is made up of large blocks of state land.

Unique Natural Features:

None known.

Archeological, Historical, and Cultural Features:

None known.

Special Management Designations or Considerations:

None known.

Watershed and Fisheries Considerations:

Wildlife Habitat Considerations:

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of ice-contact outwash sand and gravel. The glacial drift thickness varies between 400 and 600 feet. Beneath the glacial drift is the Mississippian Michigan Formation. The Michigan is quarried for gypsum elsewhere in the state. Most of the good gravel pits are associated with upland areas. No active gravel pits are located in the area but potential is good. The abandoned Denton Creek Field is located six miles to the southwest. The field produced nearly 55,000 bbls of oil from the Devonian Detroit River Group. The compartment is not currently leased, but there is active leasing to the south and east.

Vehicle Access:

Vehicle access is excellent through this compartment due to F-97 on the western border and multiple forest roads.

Survey Needs:

None at this time.

Recreational Facilities and Opportunities:

This compartment is popular and highly used with recreational uses by ORV's, snowmobiles, and hunting pursuits. There are numerous occurrences of 50" ORV trails within the compartment. St. Helen Motorsport area is north of the Compartment, ORV fuel connector trail to the west and ORV Trailhead located south of I-75. Snowmobile Trail 6 occurs in the East half of the compartment.

Focus any retention pockets or clusters along the trail and near trailhead parking lot to discourage off trail activity. If harvest activities occur during the snowmobile season of December 1 thru March 31 a snow bed must be preserved on Designated Snowmobile Trails. Ensure logging activity does not obliterate the designated trails by limiting the number of

crossings. All stumps within 20 feet of the trail shall be Flush-Cut to ensure stumps do not result in unsafe conditions. Assure 'logging ahead' warning signs are placed on the designated trails and snowmobile trails during logging activity. Ensure designated trails signs, post and directional markers are protected. Remove logging activity warning signs when completed.

Fire Protection:

Additional Compartment Information:

The following reports from the Inventory are attached:

- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

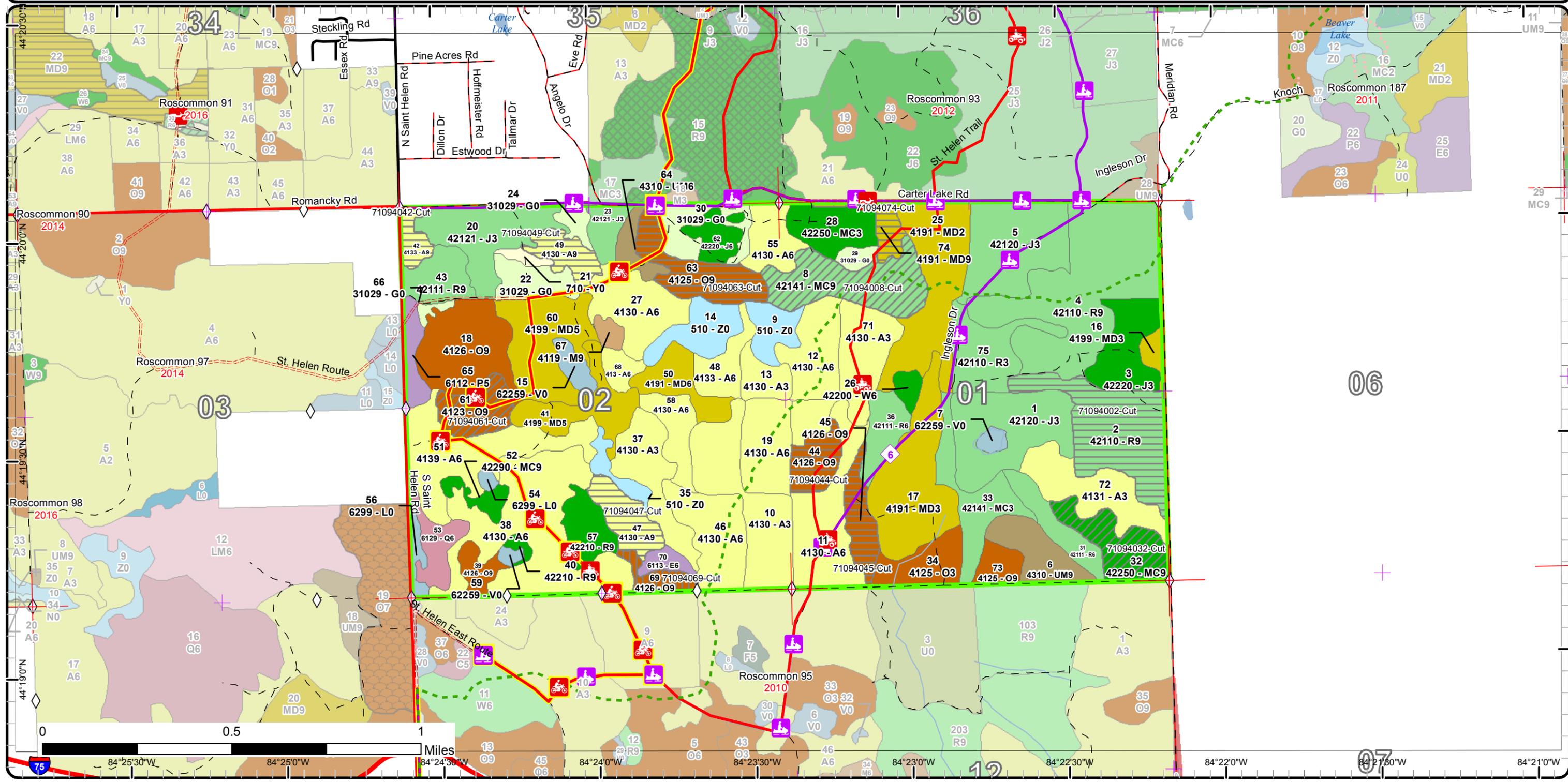
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments

Compartment: 94
 T22N R01W 01, 02
 County: Roscommon
 Unit: Roscommon
 Mgmt Area: Ogemaw Hills
 YOE: 2017
 Acres: 1305 GIS Calculated
 Examiner: Jason Lewicki
 Map Revised: 7/24/2015
 Map Phase: Pre-Review



- Remonumented Section Corners
- Field Grade GPS Corners
- Miris Corners
- Highway
- County Paved Roads
- Paved Roads
- Poor Dirt Roads
- County Poor Dirt Roads
- Closed Roads
- MCCCT Trails
- ORV Trails
- ORV Routes
- Snowmobile Trails
- Designated Hiking Pathways
- Designated ATV
- Designated ORV Routes
- Designated Snowmobile Trails
- Designated MCCCT Trails
- Rivers
- Lakes
- Treatments
- Clearcut (w/Reserves)
- Thinning (Crown, Low, Systematic)
- Shelter Wood (w/Reserves)
- Forest Covertype
- 412 - Oak Types
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 430 - Upland Mixed Fores
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- Non-Forest Covertype
- 310 - Herbaceous Openland
- 500 - Water
- 622 - Lowland Shrub
- 710 - Sand/Soil
- 411 - Northern Hardwood

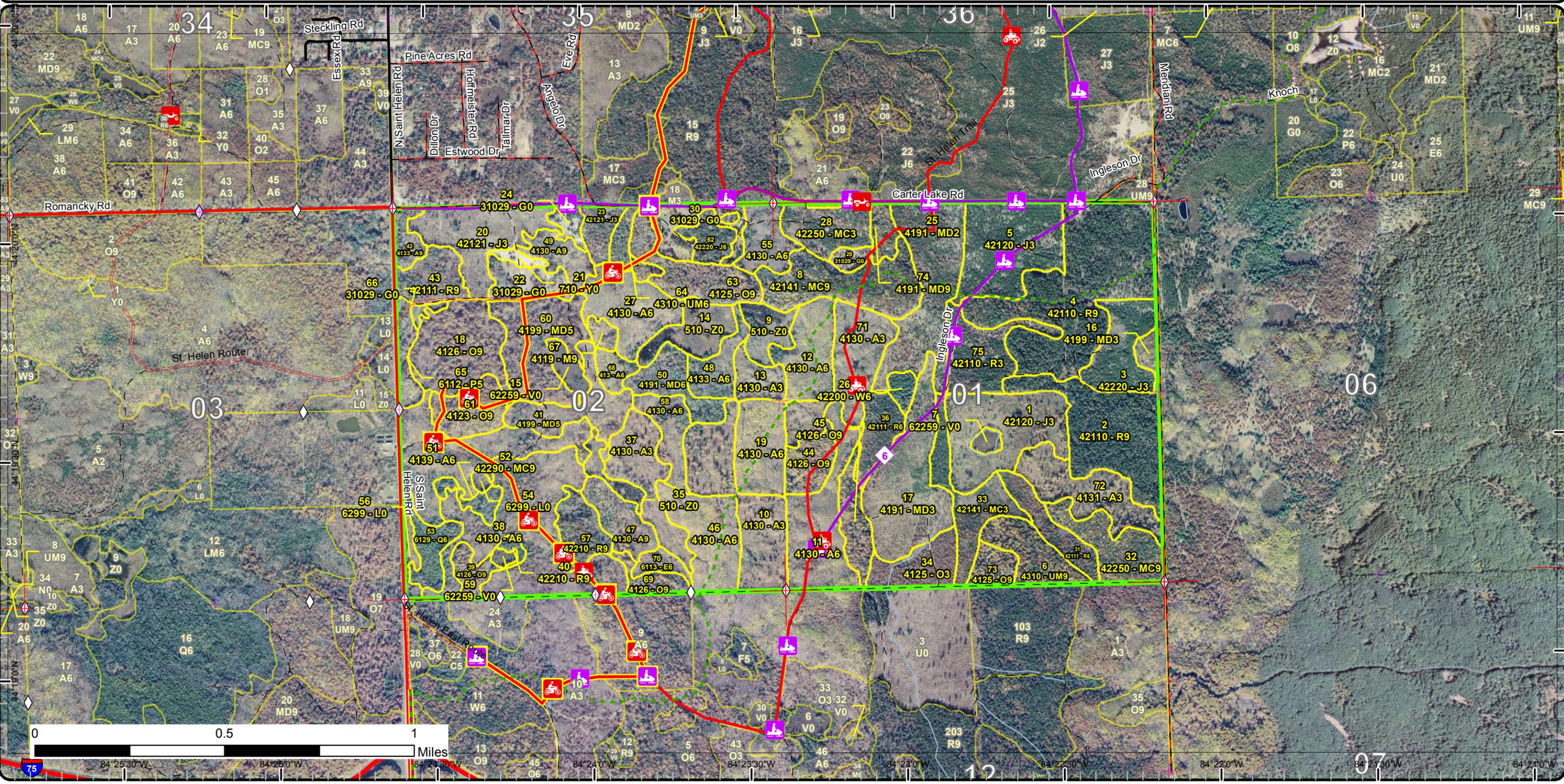


Stand Boundary Map



Compartment: 94
 T22N R01W 01, 02
 County: Roscommon
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 - Field Grade GPS Corners
 - Miris Corners
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 - County Poor Dirt Roads
 - Closed Roads
 - MCCCT Trails
 - ORV Trails
 - ORV Routes
 - Snowmobile Trails
 - Designated Hiking Pathways
 - Designated ATV
 - Designated ORV Routes
 - Designated Snowmobile Trails
 - Designated MCCCT Trails
 - Rivers
 - Stand Boundaries
 - Forest Covertype
- | | | |
|--|--|--|
| <ul style="list-style-type: none"> 422 - Natural Pines 430 - Upland Mixed Fores 611 - Lowland Deciduous Forest 612 - Lowland Coniferous Forest | <ul style="list-style-type: none"> Non-Forest Covertype 310 - Herbaceous Openland 500 - Water 622 - Lowland Shrub 710 - Sand/Soil | <ul style="list-style-type: none"> 411 - Northern Hardwood 412 - Oak Types 413 - Aspen 419 - Mixed Upland Deciduous 421 - Planted Pines |
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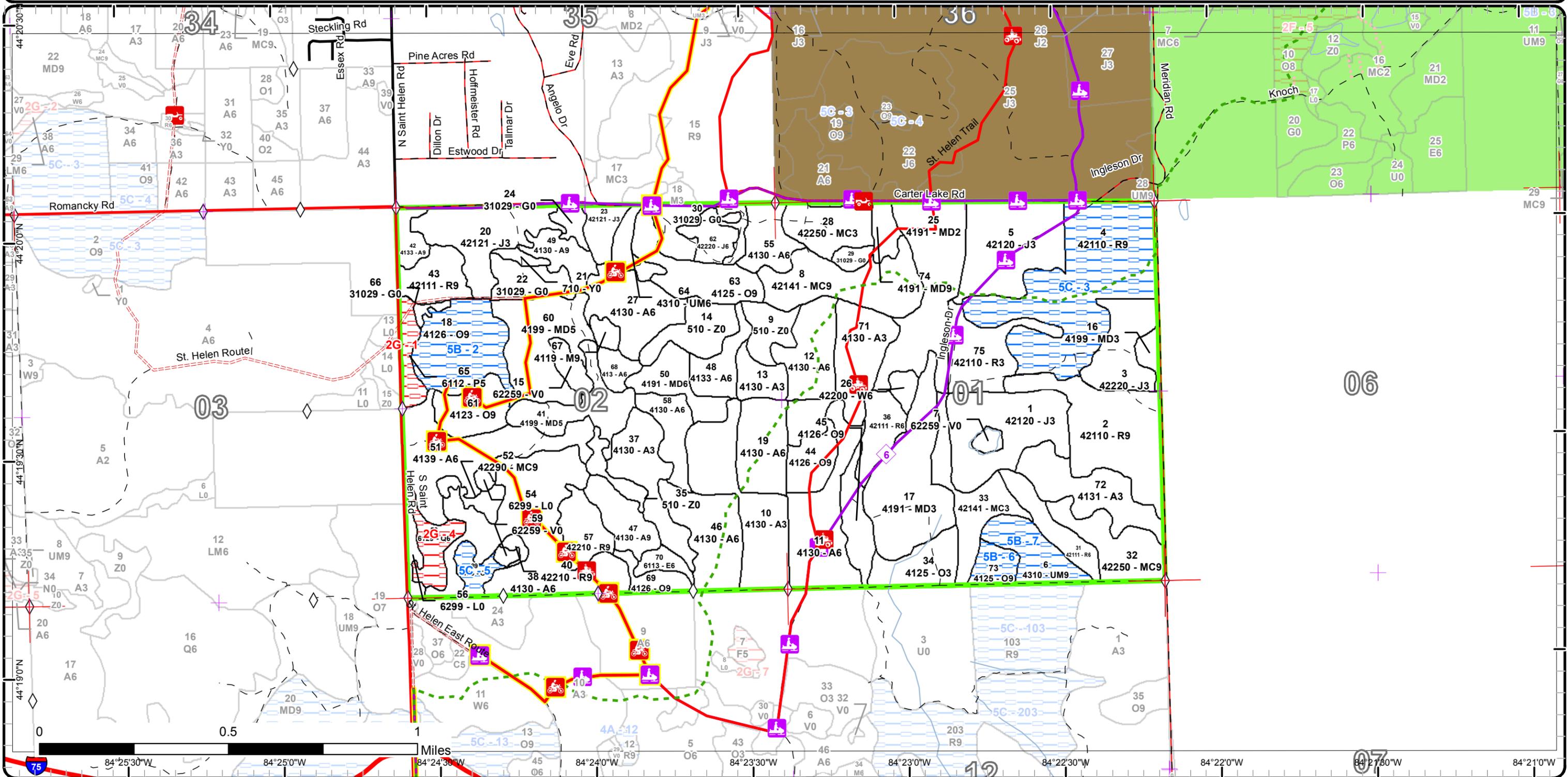


Special Conservation Areas & Site Conditions Map

Compartment: 94
 T22N R01W 01, 02
 County: Roscommon
 Unit: Roscommon
 Mgmt Area: Ogemaw Hills
 YOE: 2017
 Acres: 1305 GIS Calculated
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- Remonumented Section Corners
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 - MCCCT Trails
 - ORV Trails
 - ORV Routes
 - Snowmobile Trails
 - Designated Hiking Pathways
 - Designated ATV
 - Designated ORV Routes
 - Designated Snowmobile Trails
 - Designated MCCCT Trails
 - Rivers
 - Stand Boundaries
 - Site Condition
 - Available w/ Constraints
 - Unavailable
 - 5C: Delay treatment for age/size class diversity or exceptional site quality
 - 2G: Too wet (sensitive soils, does not include access issues)
 - Special Conservation Areas
 - Kirtland Warbler Habitat
 - Scramble Area
- Available Factors W/ Constraints**
 5B: Maintain for regeneration purposes



Report 1 – Total Acres by Cover Type and Age Class

Roscommon Mgt. Unit
Jason Lewicki : Examiner

Compartment 94 Year of Entry 2017



Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Uneven-Aged	Total
Aspen	0	87	39	272	0	0	0	10	0	6	0	14	0	0	0	0	0	0	428
Bog	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Herbaceous Openland	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
Jack Pine	0	66	38	29	0	9	0	0	0	0	0	0	0	0	0	0	0	0	142
Lowland Aspen/Balsam Poplar	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	8
Lowland Conifers	0	0	0	0	0	0	0	0	0	0	0	11	0	0	0	0	0	0	11
Lowland Deciduous	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	5
Lowland Shrub	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Mixed Upland Deciduous	0	0	85	25	0	33	0	0	15	7	0	0	0	0	0	0	0	0	165
Natural Mixed Pines	0	0	0	17	0	0	0	0	6	21	0	0	0	0	0	0	0	0	44
Northern Hardwood	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3
Oak	0	0	16	0	0	0	0	0	0	8	48	37	22	0	0	0	0	0	131
Planted Mixed Pines	0	0	0	21	0	0	0	0	0	33	0	0	0	0	0	0	0	0	54
Red Pine	0	0	35	13	0	0	0	0	29	124	0	0	0	0	0	0	0	0	201
Sand, Soil	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Upland Mixed Forest	0	0	0	0	0	0	7	0	0	17	0	0	0	0	0	0	0	0	24
Water	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32
White Pine	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4
Total	85	153	213	377	0	46	15	15	50	216	48	65	22	0	0	0	0	0	1305



Report 2 – Treatment Summary

Roscommon Mgt. Unit
Year of Entry: 2017

Acres of Harvest

Compartment 94
Total Compartment Acres: 1,305

Commercial Harvest - 205
Harvests with Site Condition - 0
Next Step Harvest - 0
Habitat Cut - 0

Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overstory Removal	Salvage	Other	Total Acres
Aspen	31	0	0	0	0	0	0	0	0	31
Mixed Upland Deciduous	7	0	0	0	0	0	0	0	0	7
Natural Mixed Pines	0	0	0	0	0	21	0	0	0	21
Oak	46	0	0	0	7	15	0	0	0	68
Planted Mixed Pines	0	0	0	0	0	33	0	0	0	33
Red Pine	45	0	0	0	0	0	0	0	0	45
Total	129	0	0	0	7	70	0	0	0	205

Proposed and Next Step Treatments by Harvest Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	205	0	32	0	0	0	0	0	0	237
Next Step	0	122	77	0	0	45	245	0	0	489
Total	205	122	109	0	0	45	245	0	0	726



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
2	71094002-Cut	44.9	42110 - Planted Red Pine	Sawtimber Well	89	141- 170	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	Proposal

Habitat Cut: No**Site Condition:**

Prescription Clear cut stand and reestablish a red pine plantation. Use appropriate site prep for maple and oak competition. Sale must be chipped to help
Specs: with trenching operations. Use islands of red pine for retention along edges of stand.

Next Step SitePrep, Trenching; Planting, Initial Plant; Pesticide, Aerial; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr)
Treatments:

Acceptable Red pine plantation at fully stocked levels.

Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 10/1 /2016

8	71094008-Cut	33.1	42141 - Planted Mixed Pine, Mixed Deciduous	Sawtimber Well	86	111- 140	Harvest	Crown Thinning	4211 - Planted Red Pine	Even-Aged	Proposal
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Habitat Cut: No**Site Condition:**

Prescription Thin stand from below. Remove jack pine and poor formed oak. Thin suppressed and poor formed red pine. Remove approximately 1/3 the
Specs: volume or aim for 80-100 BA. Leave a few aspen and jack pine for diversity and soft snags. Short wood stand and protect the ORV trail.

Next Step
Treatments:

Acceptable

Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 10/1 /2016

21	71094021- Plant	2.5	710 - Sand, Soil	Nonstocked		Unspec ified	Planting	Initial Plant	4212 - Planted Jack Pine	Even-Aged	Proposal
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Habitat Cut: Yes**Site Condition:**

Prescription Plant area to jack pine in a attempt to stop ORV use and damage.

Specs:

Next Step Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr); SitePrep, Trenching
Treatments:

Acceptable Jack pine plantation to a fully stocked stand.

Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 10/1 /2016

22	71094022- Plant	12.0	31029 - Grass (OI)	Nonstocked		Unspec ified	Planting	Initial Plant	4212 - Planted Jack Pine	Even-Aged	Proposal
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Habitat Cut: Yes**Site Condition:**

Prescription Plant area to jack pine in a attempt to stop ORV use and damage.

Specs:

Next Step Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr); SitePrep, Trenching
Treatments:

Acceptable Jack pine plantation to a fully stocked stand.

Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 10/1 /2016



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
24	71094024- Plant	4.3	31029 - Grass (OI)	Nonstocked		Unspec ified	Planting	Initial Plant	4212 - Planted Jack Pine	Even-Aged	Proposal
Habitat Cut: Yes		Site Condition:									
<u>Prescription</u> Plant area to jack pine in a attempt to stop ORV use and damage.											
<u>Specs:</u>											
<u>Next Step</u> Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr); SitePrep, Trenching											
<u>Treatments:</u>											
<u>Acceptable</u> Jack pine plantation to a fully stocked stand.											
<u>Regen:</u>											
<u>Other</u> Old next step comments:											
<u>Comment:</u>											
<u>Proposed Start Date:</u> 10/1 /2016											
30	71094030- Plant	13.3	31029 - Grass (OI)	Nonstocked		Unspec ified	Planting	Initial Plant	4212 - Planted Jack Pine	Even-Aged	Proposal
Habitat Cut: Yes		Site Condition:									
<u>Prescription</u> Plant area to jack pine in a attempt to stop ORV use and damage.											
<u>Specs:</u>											
<u>Next Step</u> SitePrep, Trenching; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr)											
<u>Treatments:</u>											
<u>Acceptable</u> Jack pine plantation to a fully stocked stand.											
<u>Regen:</u>											
<u>Other</u> Old next step comments:											
<u>Comment:</u>											
<u>Proposed Start Date:</u> 10/1 /2016											
32	71094032-Cut	21.3	42250 - Pine, Oak	Sawtimber Well	85	81-110	Harvest	Crown Thinning	4221 - Natural Red Pine	Even-Aged	Proposal
Habitat Cut: No		Site Condition:									
<u>Prescription</u> Thin stand to around 80 BA . Remove poor formed and high risk oak and jack pine. Save some of the better white oak. Remove red pine where suppressed or above BA requirements. Short wood only to protect red pine understory. Trucking access will be difficult due to sandy hilly terrain.											
<u>Specs:</u>											
<u>Next Step</u>											
<u>Treatments:</u>											
<u>Acceptable</u>											
<u>Regen:</u>											
<u>Other</u> Old next step comments:											
<u>Comment:</u>											
<u>Proposed Start Date:</u> 10/1 /2016											
42	71094042-Cut	6.4	4133 - Aspen, Mixed Pine	Sawtimber Well	84	111- 140	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	Proposal
Habitat Cut: No		Site Condition:									
<u>Prescription</u> Clear cut stand and regenerate aspen. Save all red and white pine for visuals. Mark any healthy oak to leave. Leave far north piece for retention that is mixed with heavy pine.											
<u>Specs:</u>											
<u>Next Step</u>											
<u>Treatments:</u>											
<u>Acceptable</u> Fully stocked aspen stand.											
<u>Regen:</u>											
<u>Other</u> Old next step comments:											
<u>Comment:</u>											
<u>Proposed Start Date:</u> 10/1 /2016											



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
44	71094044-Cut	11.7	4126 - White, Black, N. Pin Oak	Sawtimber Well	105	81-110	Harvest	Clearcut with Retention	4121 - Oak, Aspen	Even-Aged	Proposal

Habitat Cut: No**Site Condition:**

Prescription Clear cut stand and manage for stump sprout oak regeneration. Leave 1-3 oak and pine per acre for retention and mast production. Leave all
Specs: white oak over 8" DBH. Protect ORV trail

Next Step
Treatments:

Acceptable Any combination of oak and aspen at fully stocked levels is acceptable regeneration.
Regen:

Other Old next step comments:
Comment:

Proposed Start Date: 10/1 /2016

45	71094045-Cut	12.2	4126 - White, Black, N. Pin Oak	Sawtimber Well	105	51-80	Harvest	Clearcut with Retention	4121 - Oak, Aspen	Even-Aged	Proposal
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Habitat Cut: No**Site Condition:**

Prescription Clear cut stand and manage for a mix of oak, aspen and maple. Leave all white oak over 8" DBH for retention, mast and visuals. leave 1-3
Specs: scattered pine per acre.

Next Step
Treatments:

Acceptable Any combination of oak, aspen and maple at fully stocked levels is acceptable regeneration.
Regen:

Other Old next step comments:
Comment:

Proposed Start Date: 10/1 /2016

47	71094047-Cut	13.7	4130 - Aspen	Sawtimber Well	105	81-110	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	Proposal
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Habitat Cut: No**Site Condition:**

Prescription Clearcut stand and regenerate aspen. Leave 1-3 scattered oak/pine per acre. Leave retention in areas heavier to white pine on the north west
Specs: edge. Leave some retention along beaver pond as well. Mats may be needed to cross swale and gain access to stand. Protect ORV trail.

Next Step
Treatments:

Acceptable Fully stocked aspen stand.
Regen:

Other Old next step comments:
Comment:

Proposed Start Date: 10/1 /2016

49	71094049-Cut	10.4	4130 - Aspen	Sawtimber Well	69	81-110	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	Proposal
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Habitat Cut: No**Site Condition:**

Prescription Clear cut stand and regenerate aspen. Use tops and brush to block ORV trails and stop erosion. Use islands of aspen/oak/pine as retention.
Specs:

Next Step
Treatments:

Acceptable Fully stocked aspen stand
Regen:

Other Old next step comments:
Comment:

Proposed Start Date: 10/1 /2016



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
61	71094061-Cut	15.3	4123 - Red Oak	Sawtimber Well	95	111- 140	Harvest	Crown Thinning	4123 - Red Oak	Even-Aged	Proposal

Habitat Cut: No**Site Condition:**

Prescription Thin stand from below to approx. 80- 100BA. Focus growth on quality oak stems. Remove suppressed and poor formed oak and maple. Leave
Specs: some aspen for diversity and soft snags. Protect ORV trail.

Next Step
Treatments:

Acceptable
Regen:

Other Old next step comments:
Comment:

Proposed Start Date: 10/1 /2016

63	71094063-Cut	22.4	4125 - Black, N. Pin Oak	Sawtimber Well	110	111- 140	Harvest	Clearcut with Retention	4131 - Aspen, Oak	Even-Aged	Proposal
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Habitat Cut: No**Site Condition:**

Prescription Clear cut stand and manage for mix of oak and aspen regeneration. Aspen will dominate most areas after harvest. Leave 1-3 scattered oak and
Specs: pine per acre. Favor large crowned white oak. Leave retention at the top of the ridge.

Next Step
Treatments:

Acceptable A mix of aspen , oak and maple is acceptable regeneration at fully stocked levels
Regen:

Other Old next step comments:
Comment:

Proposed Start Date: 10/1 /2016

69	71094069-Cut	6.7	4126 - White, Black, N. Pin Oak	Sawtimber Well	100	81-110	Harvest	Shelterwood	412 - Oak Types	Even-Aged	Proposal
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Habitat Cut: No**Site Condition:**

Prescription Shelterwood/seed tree treat stand by leaving 10-30 BA of nice crowned healthy oak. Leave all white pine and good formed maple. Shortwood
Specs: operation only. Protect and promote the white pine understory. Mats may be needed to cross small swale to get to the north west part of stand and get to the aspen stand to the north.

Next Step
Treatments:

Acceptable Oak and white pine at fully stocked levels.
Regen:

Other Old next step comments:
Comment:

Proposed Start Date: 10/1 /2016

74	71094074-Cut	7.2	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	85	111- 140	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	Proposal
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Habitat Cut: No**Site Condition:**

Prescription Clear cut stand and manage for oak and aspen regeneration. Most areas are expected to fill in to aspen. Leave 3-5 oak or red pine per acre as
Specs: retention as well as a pocket of aspen.

Next Step
Treatments:

Acceptable Any combination of aspen, oak and maple at fully stocked levels is acceptable regeneration.
Regen:

Other Old next step comments:
Comment:

Proposed Start Date: 10/1 /2016

**Total Treatment
Acreage Proposed: 237.4**

Report 5 – Site Conditions

Roscommon Mgt. Unit
Jason Lewicki : Examiner

Compartment: 94
Year of Entry: 2017

Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	Dominant Site Conditions		
		With Condition	Not Available		5B	5C	2G
429	429	0	0	Aspen			
10	10	0	0	Bog			
35	35	0	0	Herbaceous Openland			
142	142	0	0	Jack Pine			
8	0	0	8	Lowland Aspen/Balsam Poplar			8
11	0	0	11	Lowland Conifers			11
5	5	0	0	Lowland Deciduous			
6	6	0	0	Lowland Shrub			
164	164	0	0	Mixed Upland Deciduous			
44	44	0	0	Natural Mixed Pines			
3	3	0	0	Northern Hardwood			
131	84	47	0	Oak	40	7	
55	55	0	0	Planted Mixed Pines			
200	121	79	0	Red Pine		79	
2	2	0	0	Sand, Soil			
24	7	17	0	Upland Mixed Forest	17		
32	32	0	0	Water			
4	4	0	0	White Pine			
1,305	1,142	143	20	Total Forested Acres	58	85	20
	88%	11%	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
1	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 5 – Site Conditions

Roscommon Mgt. Unit
Jason Lewicki : Examiner

Compartment: 94
Year of Entry: 2017

2	Available	5B: Maintain for regeneration purposes	33	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
3	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	79	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
4	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Available	5B: Maintain for regeneration purposes	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Available	5B: Maintain for regeneration purposes	17	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Mgt. Unit

Compartment: #Type!

Year of Entry:



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
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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
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.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	42120 - Planted Jack Pine	Sapling Well	37.1	6	Immature	
2	42110 - Planted Red Pine	Sawtimber Well	44.9	89	141-170	Mature red pine stand that was thinned in 1998. Stand has a thick understory of red maple with some areas of oak.
3	42220 - Natural Jack Pine	Sapling Well	21.4	25	Immature	
4	42110 - Planted Red Pine	Sawtimber Well	78.8	89	141-170	Red pine stand with very little understory. 10-12" average DBH, 130 average BA. Some areas have low BA especially in the SE corner. Some oak and jack pine on west arm. Hold for 10 years before harvesting in attempt to gain some diameter growth.
5	42120 - Planted Jack Pine	Sapling Well	38.0	17	Immature	
6	4310 - Pine, Oak Mix	Sawtimber Well	17.3	85	81-110	Mixed stand of black oak and red pine. Stand had some type of partial cut done in 1999. Some pockets of red pine regeneration.
8	42141 - Planted Mixed Pine, Mixed Deciduous	Sawtimber Well	33.1	86	111-140	Red pine stand mixed with low quality pin/black oak and some jack pine. Some scattered groups of aspen. Hilly terrain. Old planting records indicate 1929 red and jack plantings but they do not appear to be that age. ORV trail runs through stand.
10	4130 - Aspen	Sapling Well	37.7	7	Immature	
11	4130 - Aspen	Poletimber Well	32.4	26	Immature	
12	4130 - Aspen	Poletimber Well	21.1	26	Immature	
13	4130 - Aspen	Sapling Well	9.2	17	Immature	
16	4199 - Other Mixed Upland Deciduous	Sapling Well	4.1	25	Immature	
17	4191 - Mixed Upland Deciduous with Conifer	Sapling Well	42.6	10	Immature	Replanted after wildfire.
18	4126 - White, Black, N. Pin Oak	Sawtimber Well	32.7	95	51-80	Poor quality oak stand in poor condition. Heavy red maple understory.
19	4130 - Aspen	Poletimber Well	20.7	28	Immature	
20	42121 - Planted Jack Pine, Mixed Deciduous	Sapling Well	28.8	6	Immature	
23	42121 - Planted Jack Pine, Mixed Deciduous	Sapling Well	7.8	28	Immature	



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
25	4191 - Mixed Upland Deciduous with Conifer	Sapling Medium	42.1	17	Immature	
26	42200 - Natural White Pine	Poletimber Well	3.9	40	81-110	Just entering small saw timber size.
27	4130 - Aspen	Poletimber Well	24.4	26	Immature	Beaver damage on east side.
28	42250 - Pine, Oak	Sapling Well	16.7	28	Immature	
31	42111 - Planted Red Pine, Mixed Deciduous	Poletimber Well	12.8	21	Immature	
32	42250 - Pine, Oak	Sawtimber Well	21.3	85	81-110	Red pine stand mixed with some low quality oak. Some jack pine and white oak mixed in. Black oak and jack pine are in poor shape and are experiencing decline and mortality.
33	42141 - Planted Mixed Pine, Mixed Deciduous	Sapling Well	21.5	21	Immature	
34	4125 - Black, N. Pin Oak	Sapling Well	15.7	17	Immature	
36	42111 - Planted Red Pine, Mixed Deciduous	Poletimber Well	12.2	17	Immature	
37	4130 - Aspen	Sapling Well	22.8	7	Immature	
38	4130 - Aspen	Poletimber Well	64.9	28	Immature	Mixed aspen stand with areas dominated by maple and oak.
39	4126 - White, Black, N. Pin Oak	Sawtimber Well	6.6	105	111-140	
40	42210 - Natural Red Pine	Sawtimber Well	1.9	70	111-140	
41	4199 - Other Mixed Upland Deciduous	Poletimber Medium	20.6	25	Immature	
42	4133 - Aspen, Mixed Pine	Sawtimber Well	6.4	84	111-140	Over mature aspen stand mixed with pine. Stand is along f-97 and is very visual.
43	42111 - Planted Red Pine, Mixed Deciduous	Sawtimber Well	13.9	77	51-80	Red pine stand that was heavily thinned in the past. It has a heavy red maple component.
44	4126 - White, Black, N. Pin Oak	Sawtimber Well	11.7	105	81-110	Older oak stand mixed with some pine. Variable height understory of white pine and some red pine. Very little maple competition. Orv rail runs through the stand.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
45	4126 - White, Black, N. Pin Oak	Sawtimber Well	12.2	105	51-80	Old oak stand mixed with some pine and red maple. A few scattered aspen. Black oak is in decline. There is a 1 acre pocket of red pine on the north end.
46	4130 - Aspen	Poletimber Well	25.6	28	Immature	
47	4130 - Aspen	Sawtimber Well	13.7	105	81-110	Overmature aspen stand mixed with maple. Beaver activity on the east side. More white pine to the north west end of the stand.
48	4133 - Aspen, Mixed Pine	Poletimber Well	11.7	26	Immature	
49	4130 - Aspen	Sawtimber Well	10.4	69	81-110	Mixed mature aspen stand. Some areas of poor quality black oak and some scattered pine. Hilly terrain filled with illegal ORV trails.
50	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	14.7	75	81-110	
51	4139 - Aspen, Mixed Deciduous	Poletimber Well	39.9	26	Immature	Aspen stand with pockets of pine. Areas to the north and east are dominated by red maple and oak saplings.
52	42290 - Natural Mixed Pine	Sawtimber Well	5.6	70	81-110	
53	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	11.3	100	Unspecified	
55	4130 - Aspen	Poletimber Well	13.3	28	Immature	
57	42210 - Natural Red Pine	Sawtimber Well	13.0	70	111-140	
58	4130 - Aspen	Poletimber Well	12.6	28	Immature	
60	4199 - Other Mixed Upland Deciduous	Poletimber Medium	32.6	45	51-80	
61	4123 - Red Oak	Sawtimber Well	15.3	95	111-140	Nice quality red oak stand on a ridge. Small acreage. ORV trail runs through stand.
62	42220 - Natural Jack Pine	Poletimber Well	9.1	49	51-80	
63	4125 - Black, N. Pin Oak	Sawtimber Well	22.4	110	111-140	Saw timber oak stand mixed with aspen and some pine. A ridge runs east and west on the south end of the stand. Oak and aspen are over mature. Stand has variable height white pine component with some poles making it into the canopy. Ridge drops off quickly to the south with a beaver pond at the bottom.

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Roscommon Mgt. Unit

Report 8 – Forested Stands

Compartment: 94
Year of Entry: 2017

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
64	4310 - Pine, Oak Mix	Poletimber Well	7.1	50	81-110	Old oak mixed with heavy white pine poles. Heavier oak on the north end. Some scattered large diameter white pine. Hold until white pine becomes more merchantable.
65	6112 - Lowland Aspen	Poletimber Medium	8.4	55	Unspecified	
67	4119 - Mixed Northern Hardwoods	Sawtimber Well	3.3	100	111-140	Small stand of northern hardwoods dominated by basswood and hard maple. Some old rotten aspen mixed in. Unique in the area
68	413 - Aspen	Poletimber Well	5.6	26	Immature	
69	4126 - White, Black, N. Pin Oak	Sawtimber Well	6.7	100	81-110	Older oak stand mixed with red maple poles. Heavy white pine component in understory.
70	6113 - Lowland Maple	Poletimber Well	4.8	60	51-80	
71	4130 - Aspen	Sapling Well	29.7	17	1-50	
72	4131 - Aspen, Oak	Sapling Well	26.5	7	Immature	
73	4125 - Black, N. Pin Oak	Sawtimber Well	7.6	85	51-80	Older oak with aspen underneath.
74	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	7.2	85	111-140	Mixed stand of aspen, oak and pine. Oak and aspen are over mature and in decline.
75	42110 - Planted Red Pine	Sapling Well	22.6	17	Immature	



Stand	Cover Type	Acres	Managed Site	General Comments:
7	62259 - Bog (OI)	2.7	No	
9	510- Water (OI)	10.4	No	
14	510- Water (OI)	15.3	No	
15	62259 - Bog (OI)	5.6	No	
21	710 - Sand, Soil	2.5	No	Heavy ORV damage
22	31029 - Grass (OI)	12.0	No	
24	31029 - Grass (OI)	4.3	No	
29	31029 - Grass (OI)	3.4	No	
30	31029 - Grass (OI)	13.3	No	
35	510- Water (OI)	6.0	No	
54	6299 - Lowland Shrub (OI)	1.4	No	
56	6299 - Lowland Shrub (OI)	4.5	No	
59	62259 - Bog (OI)	1.7	No	
66	31029 - Grass (OI)	1.8	No	