



Compartment Review Presentation

Roscommon Forest Management Unit

Compartment 71007

Entry Year 2017

Acreage: 759

County Roscommon

Management Area: AuSable Outwash

Revision Date: 2015-07-08

Stand Examiner: Doug Bates

Legal Description:

T24N R01W Sections 7 & 18

Identified Planning Goals:

Allow age and species diversification in a range of early and late successional ecosystems. Management will not involve timber management activities.

Soil and topography:

The compartment is mostly low and wet with some rolling hills in the southeast corner. Soils are Roselawn Sand and Rifle Peat.

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

The compartment is in two separate blocks. The largest block is inaccessible due to soil conditions or private property. The smaller block is the one accessible for management purposes. The private property interface involves recreational land holdings and is mostly non-developed.

Unique Natural Features:

The compartment is part of the Hudson Creek swamp.

Archeological, Historical, and Cultural Features:

None recorded or detected.

Special Management Designations or Considerations:

None noted.

Watershed and Fisheries Considerations:

Hudson Creek and the South Branch Au Sable River interface.

Wildlife Habitat Considerations:

Mineral Resource and Development Concerns and/or Restrictions

Sections 7 & 18, 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 400 and 600 feet. Beneath the glacial drift is the Mississippian Michigan Formation. The Michigan is quarried for gypsum in other areas of the state. Most of the good gravel pits are associated with upland areas. There are no active gravel pits in the area, but potential appears to be good in Section 18. St. Helen Field is located less than one mile to the southeast. The field has produced over 8.7 million bbls of oil and 14.7 Bcf gas from the Devonian Richfield Member. It is in secondary recovery operations currently. All of the State land in the compartment is currently leased.

Vehicle Access:

Vehicle access to most of the compartment is poor, except for the portion in the Southeast 1/4 of Section 18. General public access is by foot. Some illegal trails do exist from the private property onto state land.

Survey Needs:

None at this time.

Recreational Facilities and Opportunities:

Where hunters have access, the compartment is used for deer, rabbit, bear, and bobcat hunting. South Branch Au Sable River is high quality trout stream and used by anglers and water enthusiasts.

The Geels ORV trail occurs near Robinson Lake Road in the SE corner of this compartment. The seasonal county roads

are heavily used by snowmobiles during the winter months. Emphasize the retention of trees near or along the recreational trail that are substantial enough to withstand wind throw. Non-merchantable understory maintained adjacent to trail shall be protected and be maintained next to trail tread to promote narrow use. Protect confidence markers for designated trails. During active logging operations provide notification signs on recreational trails. Limit the number of logging activity trail crossings. Where possible limit the number of trail crossings. If crossing the trail is necessary cross at a right angle to the trail tread. Prohibit widening of any single track recreational trail, blocking trail crossings or leaving slash and debris on any recreational trail or road.

Fire Protection:

Additional Compartment Information:

None noted.

The following reports from the Inventory are attached:

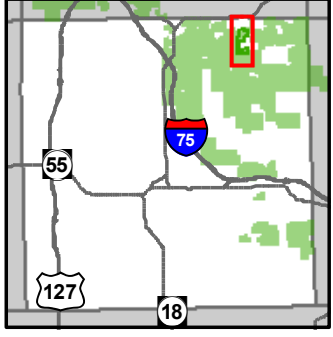
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

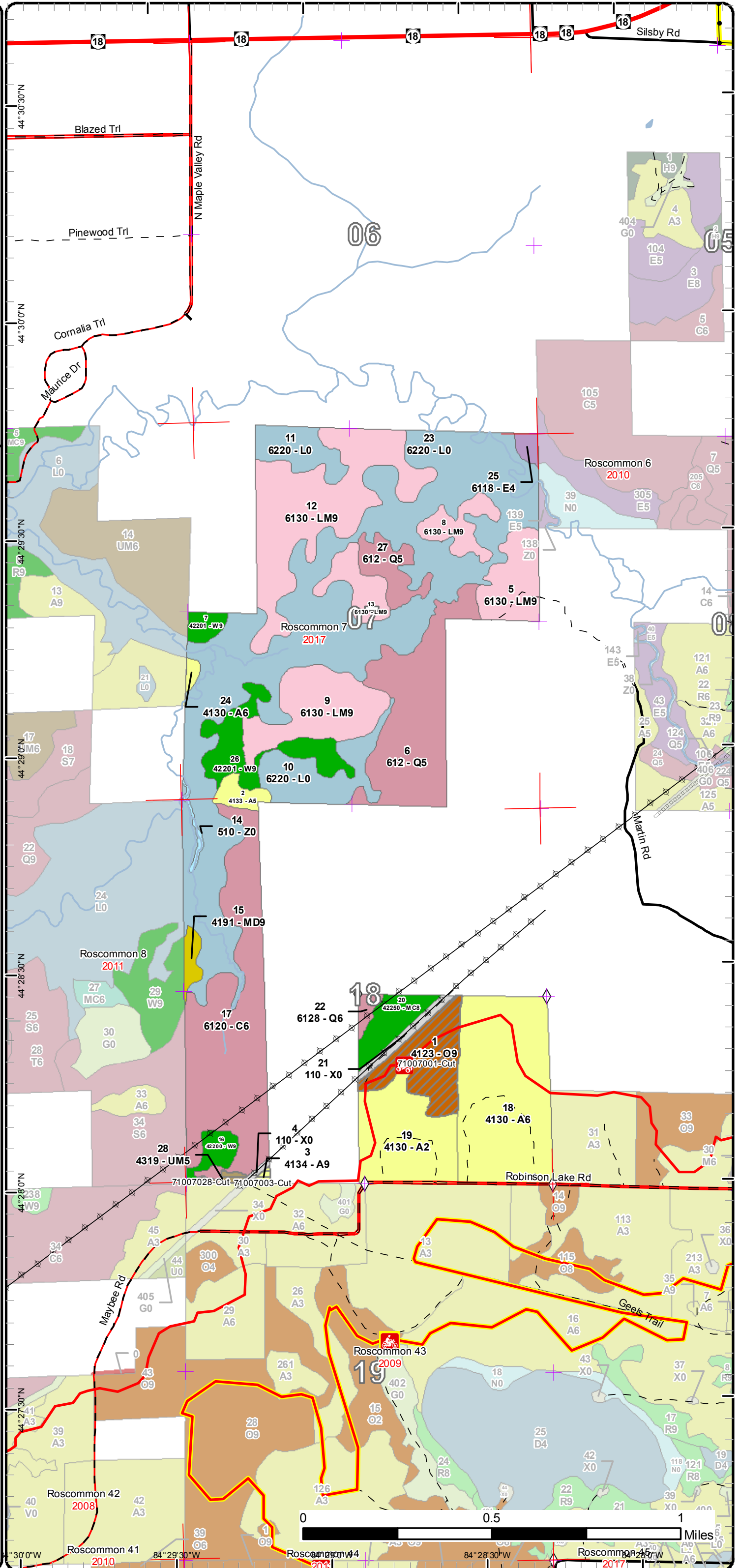
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments

Compartment: 7
 T24N R01W 07, 18
 County: Roscommon
 Unit: Roscommon
 Mgmt Area: AuSable Outwash
 YOE: 2017
 Acres: 759 GIS Calculated
 Examiner: Doug Bates
 Map Revised: 7/22/2015
 Map Phase: Pre-Review

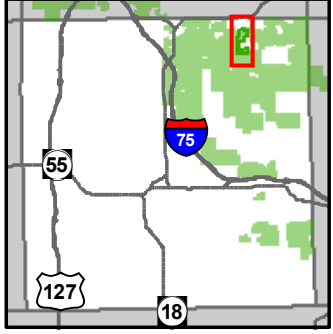


- ✚ Remonumented Section Corner
- ◇ Field Grade GPS Corners
- Miris Corners
- Highway
- Paved Roads
- County Gravel Roads
- Gravel Roads
- Poor Dirt Roads
- County Poor Dirt Roads
- 🏍️ MCCCT Trails
- 🏍️ ORV Trails
- Designated Motorcycle Trails**
- License_Type**
- ORV License
- Designated ATV Trails
- Designated MCCCT Trails
- Rivers
- Lakes
- Pipeline
- Powerline
- Treatments**
- Clearcut (w/Reserves)
- Thinning (Crown, Low, Systematic)
- Forest Covertypes**
- 412 - Oak Types
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 422 - Natural Pines
- 430 - Upland Mixed Fores
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- Non-Forest Covertypes**
- 110 - Low Intensity Urban
- 500 - Water
- 622 - Lowland Shrub

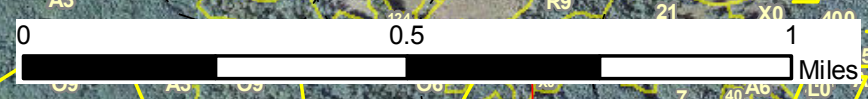
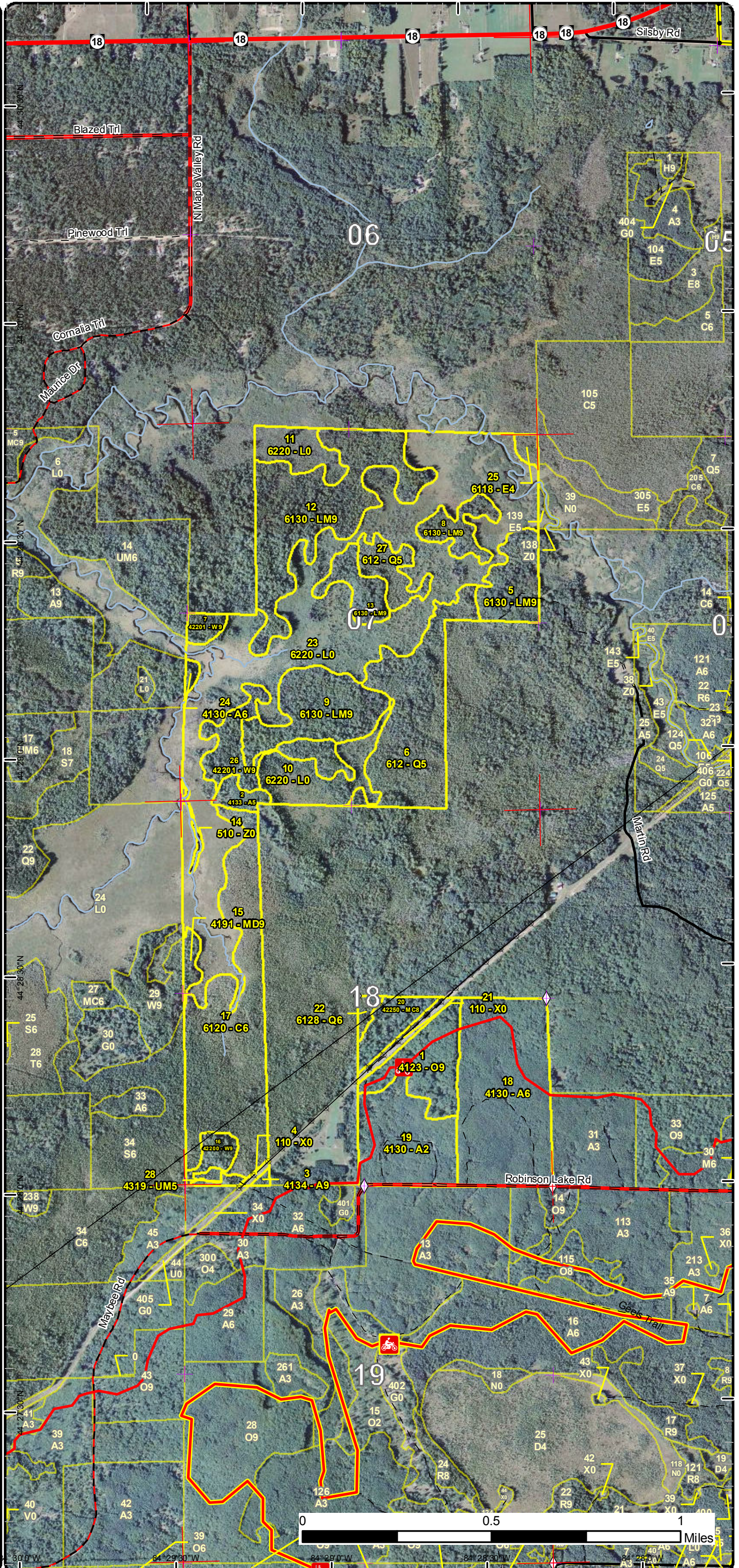


Stand Boundary Map

Compartment: 7
 T24N R01W 07, 18
 County: Roscommon
 Unit: Roscommon
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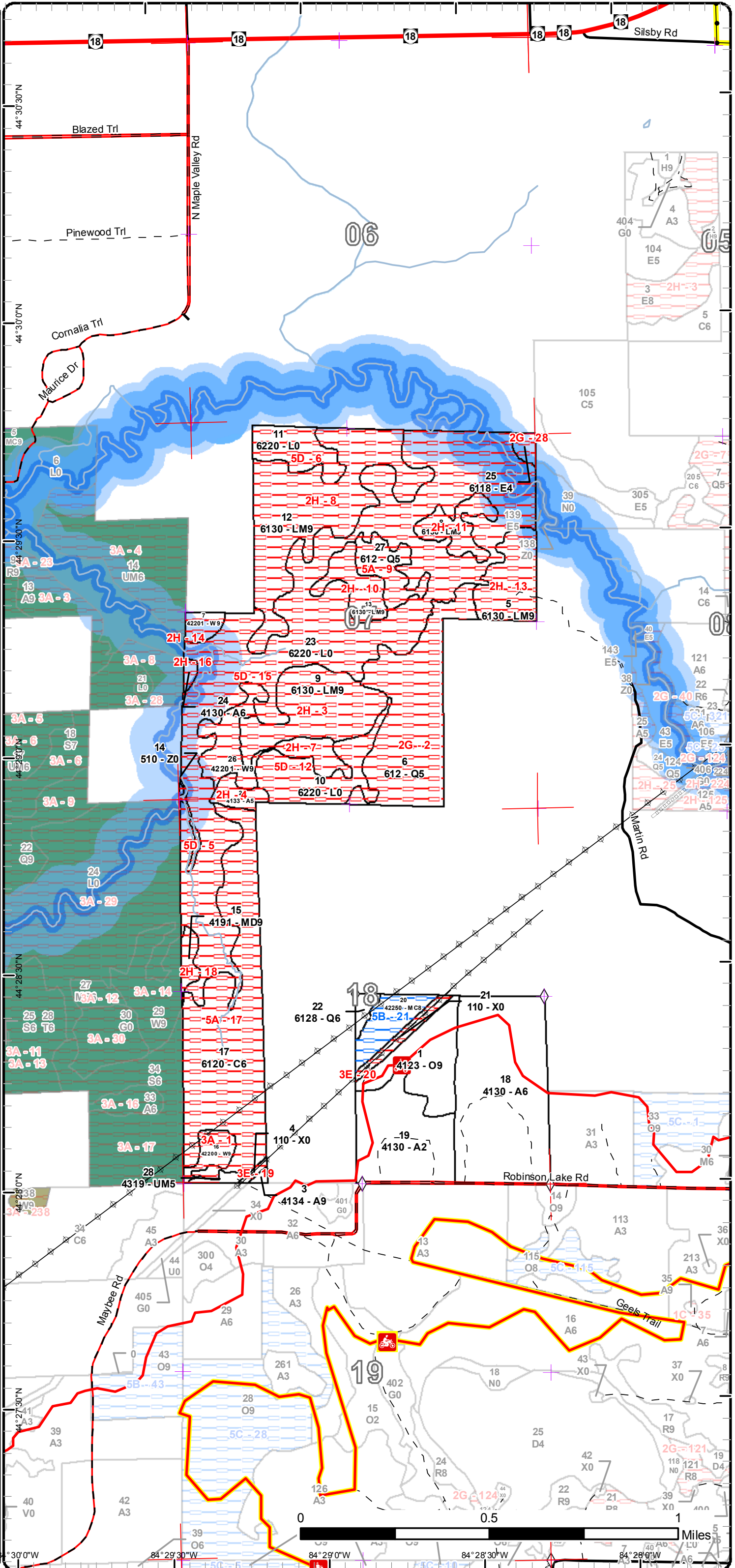
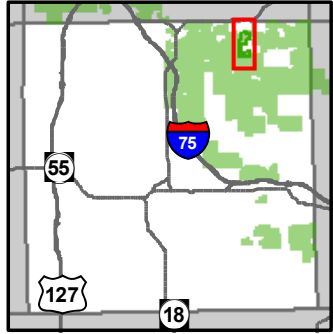


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Special Conservation Areas & Site Conditions Map

Compartment: 7
 T24N R01W 07, 18
 County: Roscommon
 Unit: Roscommon
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- License_Type**
- ORV License
- Designated ATV Trails
- Designated MCCCT Trails
- Rivers
- Pipeline
- Powerline
- Stand Boundaries
- Site Condition**
- Available w/ Constraints
- Unavailable
- Available Factors W/ Constraints**
- 5B: Maintain for regeneration purposes
- Unavailable Factors**
- 2G: Too wet (sensitive soils, does not include access issues)
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- 3A: Potential old growth / biodiversity
- 3E: Easement / lease, non-military (e.g. - Consumers Power red pine, etc)
- 5A: Not able to obtain desirable regeneration
- 5D: Unproductive Forest Land
- Special Conservation Areas**
- Natural Rivers Vegetative Buffer
- Natural Rivers Zoning District
- Cold Water Streams
- High Priority Trout Stream Buffer
- Habitat Corridor



Report 1 – Total Acres by Cover Type and Age Class



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	39	0	78	0	0	0	6	1	2	0	0	0	0	0	0	0	0	126
Cedar	0	0	0	0	0	0	0	0	0	86	0	0	0	0	0	0	0	0	86
Lowland Conifers	0	0	0	0	0	0	3	0	0	58	12	0	0	0	0	0	0	0	73
Lowland Deciduous	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	3
Lowland Mixed Forest	0	0	0	0	0	0	0	0	0	32	114	0	0	0	0	0	0	0	146
Lowland Shrub	242	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	242
Mixed Upland Deciduous	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	4
Natural Mixed Pines	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	12
Oak	0	0	0	0	0	0	0	0	0	0	26	0	0	0	0	0	0	0	26
Upland Mixed Forest	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2
Urban	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Water	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
White Pine	0	0	0	0	0	0	0	0	0	0	0	27	0	0	6	0	0	0	33
Total	250	39	0	78	0	0	3	2	6	184	166	27	0	0	6	0	0	0	761



Report 2 – Treatment Summary

Roscommon Mgt. Unit
Year of Entry: 2017

Acres of Harvest

Compartment 7
Total Compartment Acres: 759

Commercial Harvest - 29
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	1	0	0	0	0	0	0	0	0	1
Oak	0	0	0	0	0	26	0	0	0	26
Upland Mixed Forest	2	0	0	0	0	0	0	0	0	2
Total	2	0	0	0	0	26	0	0	0	29

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	29	0	0	0	0	0	0	0	0	29
Next Step	0	26	0	0	0	26	2	0	0	55
Total	29	26	0	0	0	26	2	0	0	84



Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
1	71007001-Cut	26.2	4123 - Red Oak	Sawtimber Well	90	141-170	Harvest	Crown Thinning	4123 - Red Oak	Uneven-Aged	Proposal

Habitat Cut: No**Site Condition:**

Prescription Thin the oak to an average residual basal area of 90-110 by managing for best tree in place. Open some of the areas around the large crowned oaks for seeding. Remove poor, deformed oaks with some fork oaks also.

Post harvest do a mechanical site prep to remove maple down to a size where herbicide can be applied.

Next Step SitePrep, Other - Specify; Pesticide, Skidder/Mechanical
Treatments:

Acceptable
Regen:

Other Site prep will entail a masticator or smaller dozer with root rake and anchor chains to scarify soil and pull out red maple saplings. Current regeneration to tall to herbicide. Mechanical prep will bring regeneration down to size can spray in subsequent years if warranted. Do not treat aspen regeneration. Site almost solid red oak and has to high of risk factor for oak wilt to treat by RX burn.
Comment: Place ORV trail protection specs. in contract. Old next step comments:

Proposed Start Date: 10/1 /2016

3	71007003-Cut	0.8	4134 - Aspen, Spruce/Fir	Sawtimber Well	88	Unspecified	Harvest	Clearcut	4134 - Aspen, Spruce/Fir	Even-Aged	Proposal
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Habitat Cut: No**Site Condition:**

Prescription Final harvest all species to two inch. No retention due to small size. Expand into Stand 32 of Compartment 43 that is the same type/age class of aspen. Access will be down the south side of the R.O.W. south of the overhead powerline. A buried gas line runs the north side of the clearing/powerline.

Next Step
Treatments:

Acceptable aspen with oak and fir component fully stocked.
Regen:

Other Old next step comments:
Comment:

Proposed Start Date: 10/1 /2016

28	71007028-Cut	1.7	4319 - Mixed Upland Forest	Poletimber Medium	65	81-110	Harvest	Clearcut	4134 - Aspen, Spruce/Fir	Even-Aged	Proposal
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Habitat Cut: No**Site Condition:**

Prescription Final harvest all species to two inch. No retention due to small size. Expand into Stand 31 of Compartment 43 that is the same type/age class of aspen. Access will be down the south side of the the R.O.W. south of the overhead powerline. A buried gas line runs the north side of the clearing/powerline. Crane mats will need to be placed over the buried pipeline to forward across. The landing/decking location will be in Stand 3, also being treated.

Next Step
Treatments:

Acceptable Aspen with mixed component of fir fully stocked
Regen:

Other Old next step comments:
Comment:

Proposed Start Date: 10/1 /2016

Total Treatment
Acres Proposed: 28.7

Report 5 – Site Conditions

Roscommon Mgt. Unit
Doug Bates : Examiner

Compartment: 7
Year of Entry: 2017

Availability for Management

Total	Acres	Acres Avail	Acres
Acres	Available	With Condition	Not Available

Dominant Site Conditions

	Availability for Management			Dominant Site Conditions							
	Acres	Available	With Condition	5B	2G	2H	3A	3E	5A	5D	
125	118	0	7	Aspen			7				
86	0	0	86	Cedar					86		
73	3	0	70	Lowland Conifers		58			12		
3	1	0	2	Lowland Deciduous		2					
146	0	0	146	Lowland Mixed Forest			146				
242	0	0	242	Lowland Shrub		0				242	
4	0	0	4	Mixed Upland Deciduous			4				
12	0	12	0	Natural Mixed Pines	12						
26	26	0	0	Oak							
2	2	0	0	Upland Mixed Forest							
6	0	0	6	Urban				6			
2	0	0	2	Water						2	
33	0	0	33	White Pine			27	6			
759	149	12	598	Total Forested Acres	12	60	184	6	6	98	244
	20%	2%	79%	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	3A: Potential old growth / biodiversity	6	3D: Recreational / Scenic values	Unspecified	Unspecified	Unspecified
Comments:							
2	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	58	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	2B: Unknown if access through adjacent landowner(s) is possible	5A: Not able to obtain desirable regeneration	Unspecified
Comments:							

Report 5 – Site Conditions

Roscommon Mgt. Unit

Doug Bates : Examiner

Compartment: 7

Year of Entry: 2017

3	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	35	2B: Unknown if access through adjacent landowner(s) is possible	Unspecified	Unspecified	Unspecified
Comments:							
4	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	6	2B: Unknown if access through adjacent landowner(s) is possible	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	5D: Unproductive Forest Land	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	5D: Unproductive Forest Land	15	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	23	2B: Unknown if access through adjacent landowner(s) is possible	Unspecified	Unspecified	Unspecified
Comments:							
8	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	67	2B: Unknown if access through adjacent landowner(s) is possible	Unspecified	Unspecified	Unspecified
Comments:							

Report 5 – Site Conditions

Roscommon Mgt. Unit

Doug Bates : Examiner

Compartment: 7

Year of Entry: 2017

9	Unavailable	5A: Not able to obtain desirable regeneration	12	2G: Too wet (sensitive soils, does not include access issues)	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	Unspecified	Unspecified
Comments:							
10	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	12	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
11	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	12	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
12	Unavailable	5D: Unproductive Forest Land	24	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
13	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	20	2B: Unknown if access through adjacent landowner(s) is possible	Unspecified	Unspecified	Unspecified
Comments:							
14	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 5 – Site Conditions

Roscommon Mgt. Unit

Doug Bates : Examiner

Compartment: 7

Year of Entry: 2017

15	Unavailable	5D: Unproductive Forest Land	204	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
16	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
17	Unavailable	5A: Not able to obtain desirable regeneration	86	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							
18	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
19	Unavailable	3E: Easement / lease, non-military (e.g.- Consumers Power red pine, etc)	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
20	Unavailable	3E: Easement / lease, non-military (e.g.- Consumers Power red pine, etc)	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 5 – Site Conditions

Roscommon Mgt. Unit

Doug Bates : Examiner

Compartment: 7

Year of Entry: 2017

21	Available	5B: Maintain for regeneration purposes	12	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
28	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	2	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	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
Comments				



Report 7 – EXISTING SPECIAL CONSERVATION AREA DETAILS

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

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

Conservation Area	Type	Description
SCA	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.
SCA	Riparian Area	A transitional area between aquatic and terrestrial ecosystems in which the terrestrial ecosystem influences the aquatic ecosystem and vice-versa. Because of the unique conditions adjacent to lakes, streams and open water wetlands, riparian areas harbor a high diversity of plants and wildlife. Riparian communities are ecologically and socially significant in their effects on water quality and quantity, as well as aesthetics, habitat, bank stability, timber production, and their contribution to overall biodiversity.
HCVA	Natural Rivers	There are two Natural Rivers datasets which are derived from spatial buffers set from an established and approved distance from the river centerlines. The Natural Rivers Zoning District is a 400 foot buffer for most Natural Rivers. The Vegetative Buffer ranges from 25 to 100 feet. To view specific Zoning Districts and Vegetative Buffers for each Natural River see the table located on the I:\Documentation\GDSE data folder.
ERA	Ecological Reference Areas	Ecological Reference Areas (ERAs) are high quality examples of natural communities that have been identified as Element Occurrences (EOs) by the Michigan Natural Features Inventory (MNFI) within the context of their natural community classification system. Element Occurrences with viability ranks of A (Excellent) or B (Good) and a Global (G) or State (S) element (rarity) ranking of endangered (1), threatened (2), or rare (3) serve as an initial base of ERAs. They may be located upon any ownership in the State. The system is comprised of individual or associations of natural community types that are managed for restoration and maintenance of natural ecological processes and values. The public may submit recommendations for lands as ERAs using the DNR Conservation Area Recommendation Form.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	4123 - Red Oak	Sawtimber Well	26.2	90	141-170	The stand was thinned in 1999 and had all the red maple and aspen removed. The aspen has come back in a small area on the west end by the R.O.W.. The rest has red maple stump sprouted clumps all over the remaining portion of the stand. Still good quality trees in the stand but no oak regeneration. Recommend thin the stand down to 90-110 basal area opening up regeneration gaps, taking out poor quality trees. Post harvest do a treatment to remove the red maple completion. To tall to herbicide first. Need to reduce the maple size before herbicide it by a mechanical prep either masticate the maple and follow up with herbicide or use the smaller dozer with the root rake to tear up the sprouts and chains behind to scarify the soil for oak. Follow up with a herbicide treatment. The vast majority of the maple is in the regen. gaps created from the last treatment and are big enough to allow mechanical site prep work without damaging residual. The risk is too high for an RX burn in an almost exclusive red oak stand in addition to that the prep work can be done outside the oak wilt window unlike a burn.
2	4133 - Aspen, Mixed Pine	Poletimber Medium	5.5	70	Unspecified	Quaking aspen with red and white pine around the southern perimeter. There is a good percentage of open grass upland in this stand also. Was prescribed last year of entry for a habitat cut but was not done. Secluded by private property and a large spruce swamp (almost a mile worth).
3	4134 - Aspen, Spruce/Fir	Sawtimber Well	0.8	88	Unspecified	Overmature aspen stand that has a heavy mid-canopy of balsam fir. This stand is a small pie piece between an aspen stand in Compartment 43 and the overhead powerline R.O.W.. There is aspen trying to come up but it is being browsed by the deer because just not enough of it to escape their numbers. Recommend a final harvest, no retention due to the size, to try and stimulate the aspen regeneration. Due in dormancy period to aid this. This stand type goes south into stand 32 and was not treated 40 years ago when the majority of the stand was but instead was left as maybe a buffer and lumped in together. Recommend harvesting together to increase acreage to decrease pressure from deer browse and stagger some of the aspen age classes.
5	6130 - Fir, Aspen, Maple	Sawtimber Well	20.0	89	Unspecified	Larger aspen mixed in with pine. Find fir and spruce where the ground dips. There is a two-track that leads off the private parcel to the east onto state land that possibly could be used for access.
6	612 - Lowland Coniferous Forest	Poletimber Medium	57.9	80	Unspecified	A stand of many species. You find cedar in there, along with red maple. In amongst that there is balsam fir and some spruce. The open areas are tag alder. The stand is truly low and would be almost impossible to treat without damaging the soils. Would also find that getting regeneration back may be an issue if the water table rises. Landlocked between a tag alder marsh and private property to boot.
7	42201 - Natural White Pine, Mixed Deciduous	Sawtimber Well	4.6	108	111-140	Have some red pine and balsam fir scattered about also.
8	6130 - Fir, Aspen, Maple	Sawtimber Well	11.8	89	Unspecified	Appear to have some large aspen in the interior where the ground is higher. As it grades down on the edges to the tag alder marsh with find the pine and fir/spruce mix.
9	6130 - Fir, Aspen, Maple	Sawtimber Well	35.0	91	Unspecified	Aspen and red maple stand with some white pine mixed in. Have some fir in the lower areas. The site is seasonably wet for some durations of the year.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
12	6130 - Fir, Aspen, Maple	Sawtimber Well	67.0	91	Unspecified	Mixed stand of maple and aspen on the slightly higher ground. Find the white pine and fir as the elevation drops towards the tag alder marsh level.
13	6130 - Fir, Aspen, Maple	Sawtimber Well	12.1	90	Unspecified	
15	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	4.0	88	171-200	More of a red maple stand with some scattered large white pines, rather than mainly white pine as the stand is in the adjacent compartment to the west. The maple is just into the log category. Find birch and some aspen mixed in. The main regeneration is either white pine or red maple and for the most part is under its corresponding canopied trees. Harvest this stand with Stand 29 in Compartment 8. only access in is through this stand.
16	42200 - Natural White Pine	Sawtimber Well	6.3	134	141-170	Very scenic white pine stand with red maple starting to enter the mid-canopy. Regeneration is either balsam fir or white pine. The fir is heavier on the south line and the white pine to the north, Leave the stand for recreational values and old growth potential.
17	6120 - Lowland Cedar	Poletimber Well	86.0	89	111-140	Cedar stand that has not quite converted to spruce. The spruce in the understory is dense and find to cedar regeneration. The cedar has good log sizes but the deer pressure is just to high to regenerate it. Couple higher ground island in this stand where find large canopied white pine. Less than 1/4 acre each. Will lose cedar component completely if try and harvest for it. Leave the cedar so will have it at least for a few more years. The ground cover is moss and leatherleaf and is too wet and sensitive to try also.
18	4130 - Aspen	Poletimber Well	77.6	27	Immature	Harvest in 1988. Came back real well with dense aspen with mixed in maple and oaks. The canopy closure is very well with just a handful of very small open area, former landing spots.
19	4130 - Aspen	Sapling Medium	39.3	6	Immature	Good aspen regeneration for the most part, but still a good amount of open areas on the northwest side. These open areas contain oak, pin cherry, and scattered aspen. To fragmented to delineate out as grass openings. Will fill in more in time.
20	42250 - Pine, Oak	Sawtimber Medium	12.0	95	81-110	Stand was thinned in 1999 removing red maple and aspen. Very little maple regeneration came back, small pocket at north end mainly under oak. The other regeneration is dense aspen which encompasses to southern 2/3rds. The stand is made up of pockets of either exclusively red pine or red oak, very little mixing of the two. Do not recommend a treatment at this time. Trying to remove the large overstory would damage to much of the good aspen regeneration. Pine will hold till the aspen gets closure to management age. The basal area is lighter in this portion anyway. The heaviest pocket basal area wise is pine at the northern quarter. Too small an area to justify treating though.
22	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	2.8	57	51-80	Dense fir understory but not a big component in the overstory. The overstory is a mix of several species, with some very large white pine. Stand is slowly converting to fir though.
24	4130 - Aspen	Poletimber Well	1.6	90	Unspecified	

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Roscommon Mgt. Unit

Report 8 – Forested Stands

Compartment: 7
Year of Entry: 2017

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
25	6118 - Lowland Deciduous with Cedar	Poletimber Poor	2.8	80	Unspecified	All the black ash has died out. What is left is a mix of cedar with red maple. They are both low quality and there is a heavy tag alder understory.
26	42201 - Natural White Pine, Mixed Deciduous	Sawtimber Well	22.5	105	Unspecified	Large crowned white pine with smaller deciduous in the sub-canopy.
27	612 - Lowland Coniferous Forest	Poletimber Medium	12.2	95	Unspecified	Lowland cedar
28	4319 - Mixed Upland Forest	Poletimber Medium	1.7	65	81-110	A overmature aspen stand that has almost converted completely to balsam fir. Still believe with a treatment can get the aspen to come back. A half acre chunk of this stand was clearcut in 2008 with Stand 31, Compartment 43. It has come back well to aspen. Do a dormancy cut to help stimulate the aspen and aid with operating in some of the lower ground areas mixed within the stand. Cut the little pie piece in Stand 31, Compartment 43 with this stand. Will regenerate and prevent blowdown. Access will be down the south side of the Powerline R.O.W.. Will need some crane matts placed over the buried gas line that lie between the overhead powerline and this stand. Best to place landing in Stand 3.



Stand	Cover Type	Acres	Managed Site	General Comments:
4	110 - Low Intensity Urban	1.0	Yes	Overhead Powerline cleared R.O.W. with a buried gas pipeline running along the north edge of the R.O.W.. Maintained by utility companies.
10	6220 - Alder/willow	23.5	No	Tag alder marsh with some spruce, fir, and some tamarack scattered about, mainly around the perimeters.
11	6220 - Alder/willow	14.5	No	Tag alder marsh
14	510- Water (OI)	1.7	No	Larger water body, possibly formed by beaver dam on stream
21	110 - Low Intensity Urban	4.9	Yes	Overhead powerline cleared R.O.W.. with a buried gas line on the north edge of the R.O.W.. Maintained by utility companies.
23	6220 - Alder/willow	203.9	No	Tag alder marsh