



Compartment Review Presentation

Roscommon Forest Management Unit

Compartment 71070

Entry Year 2018

Acreage: 1,150

County Roscommon

Management Area: Houghton Lake Wetlands

Revision Date: 2016-03-09

Stand Examiner: Dale Ekdom

Legal Description:

T23N R4W Sections 1,12,13, 23, and 24

Identified Planning Goals:

Vegetation management in the Houghton Lake Wetlands management area (MA) will provide forest products; maintain or enhance wildlife habitat; protect areas of unique threatened, endangered and special concern species; and provide for forest-based recreational uses. Timber management for this 10-year planning period will focus on balancing the aspen age-class distribution. Wildlife habitat management objectives include perpetuating early-successional communities for species adapted to young forests for hunting and other wildlife-related recreation opportunity. Expected trends within the next decade are the need to continue to balance aspen age-class distributions, an expected increase in recreation pressure and invasive species encroachment.

Soil and topography:

Topography is level to slightly rolling with very poor to moderately poor drainage within the compartment. Soils are Grayling sand and Bergland loam in the upland areas of the compartment and Rifle peat in the swamps and drainages.

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

Compartment is a solid block of state land in the northern portion of the compartment and isolated state parcels surrounded by residential property in the southern portion of the compartment. Private land in the area is permanent and seasonal residences in sub-divisions and permanent and seasonal residences on wooded acreages.

Unique Natural Features:

Portions of this compartment are within ¼ mile of Houghton Lake and the compartment contains the eastern-most undedicated lands of the Dead Stream Swamp.

Archeological, Historical, and Cultural Features:

None known or detected during fieldwork.

Special Management Designations or Considerations:

Although this compartment is not officially within the boundary, the Dead Stream Swamp is an HCVA.

Watershed and Fisheries Considerations:

Houghton Lake and drainages flowing into Houghton Lake.

Wildlife Habitat Considerations:

Maintain ecosystem diversity in the compartment via habitat manipulation to benefit game species such as deer, grouse, rabbits, bear, and turkeys as well as non-game species.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of peat and muck, 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 elsewhere in the state. Most of the nearby sand and gravel pits are associated with upland areas. There is a pit (inactive?) in Section 13, but otherwise sand and gravel potential appears to be limited, as the entire compartment consists primarily of wetlands. Active oil and gas production is approximately five miles away. However, all state minerals in the compartment are currently leased for oil and gas exploration and development.

Vehicle Access:

Access is good to the perimeter of the compartment and through the center via seasonal county roads. Access to the interior of the compartment is poor due to the wet terrain and private property.

Survey Needs:

None necessary at this time.

Recreational Facilities and Opportunities:

Dispersed recreational of hunting, fishing, and trapping as well as snowmobiling on the seasonal county roads and forest roads occur in the compartment. Undesignated ORV trails may occur within the compartment from surrounding private land owners. Utilize forest management practices to curtail damage by off road vehicle use.

Fire Protection:

This compartment has no volatile fuel types such as jack pine and lots of natural fire breaks due to the wet terrain. However, in an extremely dry year, fire suppression in the swamps could be a problem due to ground fire in the muck soils. There is also a well-developed wildland-urban interface in this compartment.

Additional Compartment Information:

The following reports from the Inventory are attached:

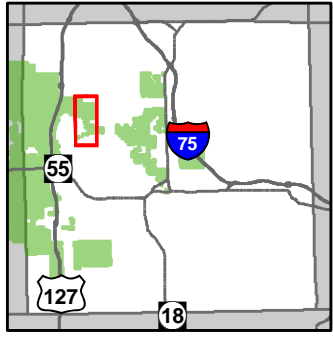
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

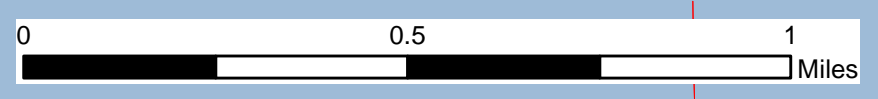
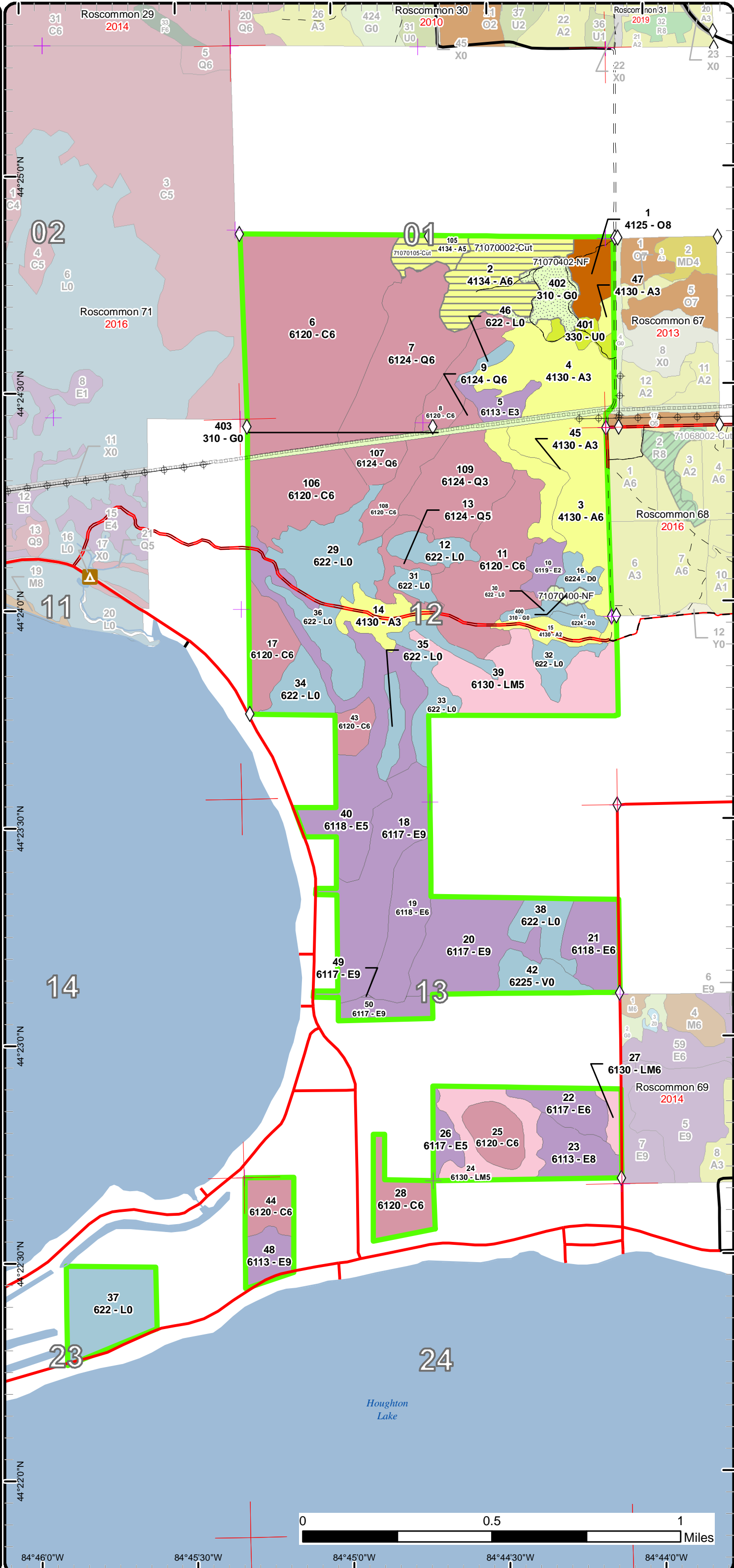
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatment Map

Compartment: 70
 T23N,R04W, Sec.01, 12-13, 23-24
 County: Roscommon
 Unit: Roscommon
 Mgmt Area: Houghton Lake Wetlands
 YOE: 2018
 Acres: 1150 GIS Calculated
 Examiner: Dale Ekdorn
 Map Revised: 2/9/2017
 Map Phase: Post-Review



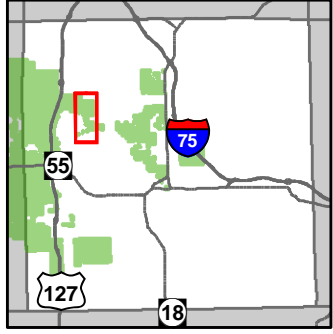
- Miris Corners
- Remonumented Section Corners
- Field Grade GPS Corners
- ▲ Campground
- County Paved Roads
- Paved Roads
- County Gravel Roads
- Gravel Roads
- County Poor Dirt Roads
- Poor Dirt Roads
- Rivers
- Pipeline
- Powerline
- Compartment Boundary
- Clearcut (w/Reserves)
- Opening Maintenance
- Mowing
- 412 - Oak Types
- 413 - Aspen Types
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 622 - Lowland Shrub
- Lakes



84°46'0"W 84°45'30"W 84°45'0"W 84°44'30"W 84°44'0"W

Stand Boundary Map

Compartment: 70
T23N,R04W, Sec.01, 12-13, 23-24
County: Roscommon
Unit: Roscommon
Mgmt Area: Houghton Lake Wetlands
YOE: 2018
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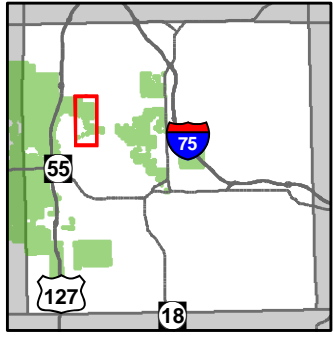


- Miris Corners
- Remonumented Section Corners
- ◆ Field Grade GPS Corners
- ▲ Campground
- County Paved Roads
- Paved Roads
- County Gravel Roads
- Gravel Roads
- County Poor Dirt Roads
- Poor Dirt Roads
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- Stand Boundaries
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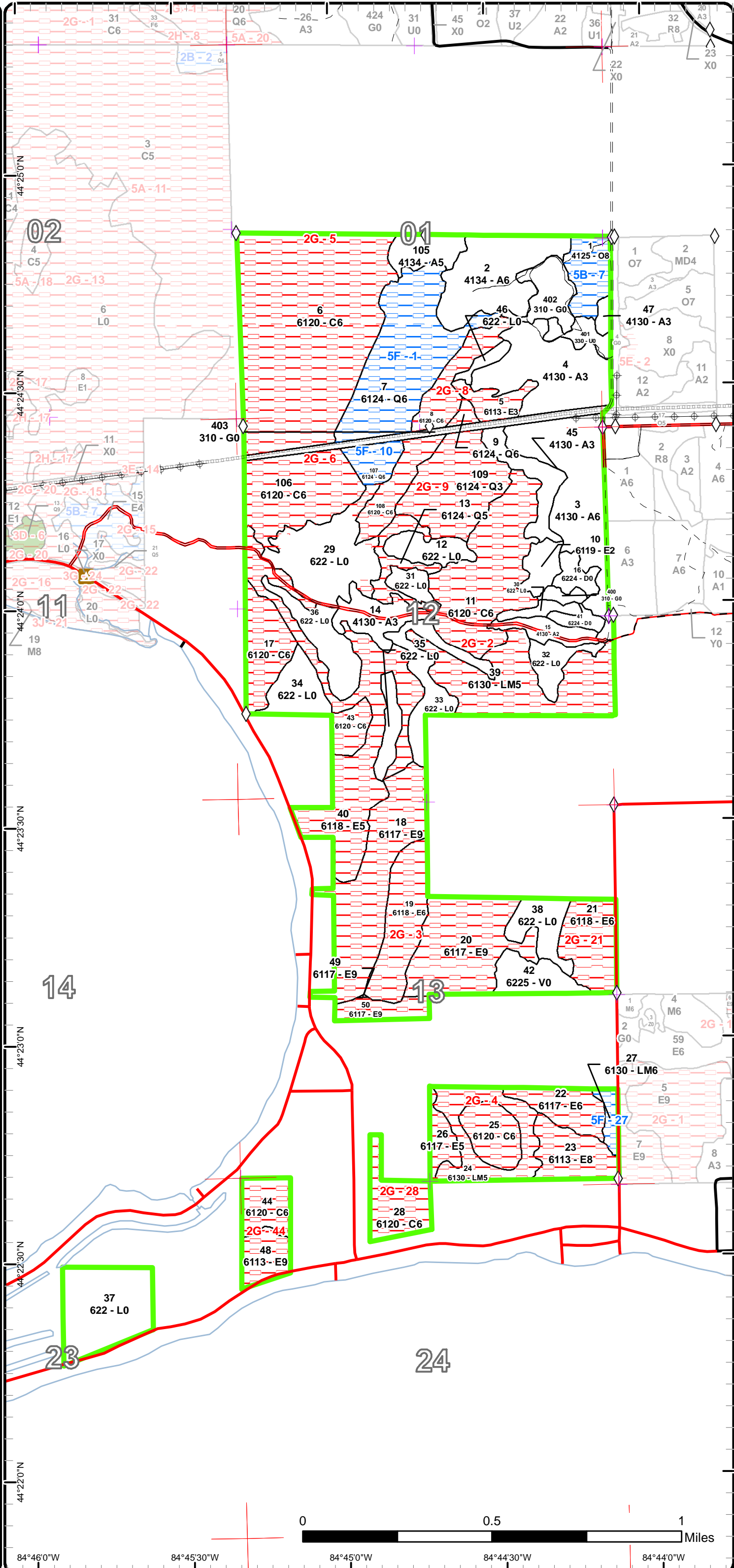


Special Conservation Areas & Site Conditions Map

Compartment: 70
 T23N,R04W, Sec.01, 12-13, 23-24
 County: Roscommon
 Unit: Roscommon
 Mgmt Area: Houghton Lake Wetlands
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- Miris Corners
- + Remonumented Section Corners
- ◇ Field Grade GPS Corners
- ▲ Campground
- County Paved Roads
- Paved Roads
- County Gravel Roads
- Gravel Roads
- County Poor Dirt Roads
- Poor Dirt Roads
- Rivers
- Pipeline
- ⊕ Powerline
- Compartment Boundary
- Available w/ Constraints
- Unavailable
- 5B: Maintain for regeneration purposes
- 2G: Too wet (sensitive soils, does not include access issues)
- Stand Boundaries
- Recreational/Scenic Value Area



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	21	12	0	78	0	0	0	10	0	0	0	0	0	0	0	0	160
Bog	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
Cedar	0	0	0	0	0	0	0	0	0	26	121	160	0	0	0	0	0	0	307
Herbaceous Openland	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26
Low-Density Trees	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Lowland Conifers	0	0	0	0	0	111	0	0	0	0	0	0	0	0	0	0	0	0	110
Lowland Deciduous	0	0	0	7	8	0	0	26	0	0	229	0	0	0	0	0	0	0	270
Lowland Mixed Forest	0	0	0	0	0	5	0	0	0	22	46	0	0	0	0	0	0	0	73
Lowland Shrub	162	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	162
Oak	0	0	0	0	0	0	0	0	0	0	14	0	0	0	0	0	0	0	14
Treed Bog	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Total	215	39	21	19	8	194	0	26	0	58	410	160	0	0	0	0	0	0	1149



Report 2 – Treatment Summary

Roscommon Mgt. Unit
Year of Entry: 2018

Acres of Harvest

Compartment 70
Total Compartment Acres: 1,150

Commercial Harvest - 44
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		44	0	0	0	0	0	0	0	0	44
	Total	44	0	0	0	0	0	0	0	0	44

Proposed and Next Step Treatments by Method

		Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current		44	0	0	0	0	0	0	15		59
Next Step		0	0	0	0	0	44	0	15		59
	Total	44	0	0	0	0	44	0	30		118



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	71070002-Cut	33.8	4134 - Aspen, Spruce/Fir	Poletimber Well	44	51-80	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	Draft Field Boundary

Habitat Cut: No**Site Condition:**

Prescription Cut to regenerate aspen, leave all oak for wildlife mast and diversity, avoid any small/wet potholes/vernal ponds when running stand boundaries
Specs: and buffer Q-type to the SW and G-type to the East and NE as needed,

Next Step Monitoring, Natural Regen (Re-Inventory)
Treatments:

Acceptable any combination of aspen and other hardwoods to a fully stocked stand is acceptable regeneration
Regen:

Other Add brush pile spec to leave brush piles along the swamp edge, add opening protection specs to sale
Comment:

Proposed Start Date: 10/01/2017

105	71070105-Cut	10.3	4134 - Aspen, Spruce/Fir	Poletimber Medium	85	1-50	Harvest	Clearcut	413 - Aspen	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Final harvest to regenerate aspen, No retention due to size of stand and wet terrain, leave all oak for wildlife mast, buffer any wet spots as
Specs: necessary for BMP's

Next Step Monitoring, Natural Regen (Re-Inventory)
Treatments:

Acceptable any type or amount of regeneration is acceptable
Regen:

Other cut during dormant season on dry or frozen ground to reduce rutting and improve aspen sprouting in the spring, cut as much of this stand as
Comment: possible given the wet terrain in spots, add brush pile spec for brush piles along the swamp edge

Proposed Start Date: 10/01/2017

400	71070400-NF	2.6	310 - Herbaceous Openland	Nonstocked	Unspec ified	NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland			Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Mow, cultivate, fertilize, seed as required to maintain established Wildlife Opening, Dead Stream Field 7.
Specs:

Next Step NonForestMgt, Herbaceous/Crop/Grass Planting
Treatments:

Acceptable
Regen:

Other
Comment:

Proposed Start Date: 10/01/2017

402	71070402-NF	12.4	310 - Herbaceous Openland	Nonstocked	Unspec ified	NonForestMgt	Mowing	310 - Herbaceous Openland			Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Mow, cultivate, fertilize, seed as required to maintain established Wildlife Opening, Dead Stream Field 12.
Specs:

Next Step NonForestMgt, Mowing
Treatments:

Acceptable
Regen:

Other
Comment:

Proposed Start Date: 10/01/2017

**Total Treatment
Acreage Proposed: 59.1**

Report 4 – Site Conditions

Roscommon Mgt. Unit
Dale Ekdorn : Examiner

Compartment: 70
Year of Entry: 2018

Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	5B	5F	2G
		With Condition	Not Available				
161	160	0	1	Aspen			1
12	12	0	0	Bog			
307	0	0	307	Cedar			307
26	26	0	0	Herbaceous Openland			0
6	6	0	0	Low-Density Trees			
110	0	63	47	Lowland Conifers		63	47
270	8	0	262	Lowland Deciduous			262
72	0	5	67	Lowland Mixed Forest		5	67
162	158	0	4	Lowland Shrub			4
14	0	14	0	Oak	14		
9	9	0	0	Treed Bog			
1,150	381	82	688	Total Forested Acres	14	68	688
	33%	7%	60%	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	Available	5F: Evaluated for Forest Health Considerations	55	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
2	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	107	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Roscommon Mgt. Unit

Compartment: 70

Dale Ekdorn : Examiner

Year of Entry: 2018

3	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	211	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
4	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	73	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	124	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	52	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Available	5B: Maintain for regeneration purposes	14	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
8	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	25	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Roscommon Mgt. Unit

Dale Ekdor : Examiner

Compartment: 70

Year of Entry: 2018

9	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	35	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
10	Available	5F: Evaluated for Forest Health Considerations	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
21	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	21	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
27	Available	5F: Evaluated for Forest Health Considerations	5	4A: No Markets Available for these Forest Products	Unspecified	Unspecified	Unspecified
Comments:							
28	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	17	2A: Adjacent landowner denied access	Unspecified	Unspecified	Unspecified
Comments:							
44	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	22	2A: Adjacent landowner denied access	Unspecified	Unspecified	Unspecified
Comments:							

Mgt. Unit

Compartment: #Type!

Year of Entry:



Report 5 – 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				

Mgt. Unit

Compartment:

Year of Entry



Report 6 – 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
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	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	4125 - Black, N. Pin Oak	Sawtimber Medium	13.6	92	1-50	Shelter-wood cut in 2010, oak seedlings just started in understory, ranges from O9O1 to O7O3
2	4134 - Aspen, Spruce/Fir	Poletimber Well	33.8	44	51-80	Upland A6 with a few small wetter potholes and also areas heavier to oak, cut or hold as necessary to balance aspen age classes in the HL Wetlands MA, if cut include as much of aspen stand to the west as possible given wetter terrain in that stand
3	4130 - Aspen	Poletimber Well	44.3	44	Unspecified	TA stand with RM and oaks, also scattered BF, extreme south end is lower ground but still operable and is heavy to BF and JP, west central edge is fairly open with just scattered trees - possible location for a new opening?, should hold 10 years or cut now if needed to balance the aspen age class distribution
4	4130 - Aspen	Sapling Well	36.7	9	Immature	Cut 2008, left scattered B/W oak SL's
5	6113 - Lowland Maple	Sapling Well	8.0	31	Immature	wet aspen stand which was left when St #4 was cut in 2008, most aspen is scattered, low quality, and over-mature and on the way out of the stand, stand is converting to red maple and tag alder with a few areas heavy to aspen saps/poles, scattered BF saps/poles thru-out stand, stand is wet and too far gone to do anything with in terms of regenerating aspen so best to just let this stand convert to E-type
6	6120 - Lowland Cedar	Poletimber Well	123.6	103	Unspecified	wet cedar stand with some blow-down occurring, heavy deer sign with very little cedar regeneration, larger openings are heavy to balsam fir saplings, leave for diversity and thermal cover
7	6124 - Lowland Spruce- Fir	Poletimber Well	55.4	49	Unspecified	slightly higher/drier terrain than surrounding cedar stands, mix of fir and spruce with scattered hardwoods, probably operable during very dry summer or winter with hard/frozen ground but soils are Tawas-Lupton Mucks
8	6120 - Lowland Cedar	Poletimber Well	14.9	90	Unspecified	wet cedar stand, growing well with no stagnation evident, lots of dee sign
9	6124 - Lowland Spruce- Fir	Poletimber Well	2.1	49	Unspecified	Similar to stand #7 but wetter, starting to beak up with lots of wet tag alder potholes, balsam fir coming on strong in under-story
10	6119 - Mixed Lowland Deciduous Forest	Sapling Medium	7.4	26	Immature	commercially cut 1991, hummocky terrain, more upland areas are A/O, lower areas are A/M/B with BF
11	6120 - Lowland Cedar	Poletimber Well	50.0	90	81-110	wet cedar swamp with both scattered solitary hardwoods and pockets of hardwoods, also pockets of tag alder in the wettest spots, most is too wet to do anything with commercially
13	6124 - Lowland Spruce- Fir	Poletimber Medium	9.9	49	1-50	dukes mix of lowland conifers and hardwoods with mix of lowland/semi-upland terrain, appears to be converting to spruce/fir stand, pockets of dead hardwoods due to the fluctuating water levels, balsam fir or tag alder under-story
14	4130 - Aspen	Sapling Well	13.4	15	Immature	More upland than stand #15, nice A3 on upland ridge, lower edges are E1/L but starting to fill in



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
15	4130 - Aspen	Sapling Medium	7.9	15	Immature	upland Ridge grading into lowland on edges, cut 2002 with varying regeneration success, upland is A3 with BTA or is open where stand was mostly oak, lowland is E1/L or bog/lowland brush
17	6120 - Lowland Cedar	Poletimber Well	18.7	89	141-170	wet cedar stand, somewhat stagnant and very slow growing, trees are short, some blowdown occurring
18	6117 - Lowland Deciduous, Mixed Coniferous	Sawtimber Well	47.6	95	Unspecified	Very wet with standing water and mostly tag alder in the sub-canopy, no spots for landings, some blow down occurring with BF starting to seed into these canopy gaps
19	6118 - Lowland Deciduous with Cedar	Poletimber Well	25.9	65	Unspecified	remote call based on data/imagery from St #40
20	6117 - Lowland Deciduous, Mixed Coniferous	Sawtimber Well	40.8	96	Unspecified	Remote call based on imagery/data from St #18
21	6118 - Lowland Deciduous with Cedar	Poletimber Well	20.5	97	51-80	Wet or with high water table, standing water/ice in spots, probably operable when extremely dry or during a period of deep freeze, no spots for landings, black ash declining slowly but still hanging on
22	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Well	13.4	99	Unspecified	No possible way to log this stand as it is too wet, seems to be trying to replace itself as there appears to be multiple ages of all species, lots of deer browse making it difficult, some blow-down starting which may help to protect regeneration
23	6113 - Lowland Maple	Sawtimber Medium	17.3	94	Unspecified	Very wet stand with standing water/ice in most spots, no spots for landings, fairly open sub-canopy
24	6130 - Fir, Aspen, Maple	Poletimber Medium	21.7	88	1-50	remote call based on imagery/data from St#21
25	6120 - Lowland Cedar	Poletimber Well	13.7	96	Unspecified	remote call based on data/imagery from St#17
26	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Medium	6.9	95	51-80	remote call based on imagery/data from St #22
27	6130 - Fir, Aspen, Maple	Poletimber Well	4.6	41	1-50	Hardwoods over-topping BF poles and saplings, terrain has a high water table with lots of small/wet potholes sanding water/ice and tag alder, probably operable under the right conditions but no spots for landings due to wet terrain, low volume and value and will be difficult to regenerate due to the fluctuating water table
28	6120 - Lowland Cedar	Poletimber Well	17.3	95	51-80	hardwood over-story which is declining but cedar and other swamp conifers coming into the understory, very wet terrain, very slow growing stand



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
39	6130 - Fir, Aspen, Maple	Poletimber Medium	45.8	90	1-50	wet E-type, dukes mix of lowland species, aspen and ash falling out of the stand, lots of tag alder in the under-story with small pockets of tag alder in the wettest spots, pockets of dead trees due to fluctuating water levels, scattered solitary swamp conifers with numerous areas heavy to swamp conifers, lots of deer sign in this stand
40	6118 - Lowland Deciduous with Cedar	Poletimber Medium	62.8	90	1-50	Very wet with drainage channels everywhere, mostly hardwoods but has cedar also and scattered WP XL's, black ash declining or dead, lots of tag alder in the sub-canopy
43	6120 - Lowland Cedar	Poletimber Well	7.4	89	141-170	remote call based on data/imagery from St#17
44	6120 - Lowland Cedar	Poletimber Well	11.9	95	51-80	OPIC - FMD: OI Stand Year Origin was 1922
45	4130 - Aspen	Sapling Well	12.4	25	Immature	A3 converting to A6, terrain is a transition zone between lowland to the west and upland aspen to the east, consider cutting this stand with St #3 next YOE to make one big stand
47	4130 - Aspen	Sapling Well	2.3	9	Immature	Cut 2008 with Stand #4, now A3
48	6113 - Lowland Maple	Sawtimber Well	10.4	95	81-110	True "E" type, black ash dead or declining due to EAB, very wet and hummocky terrain with standing water in most spots, no good spot for a landing, seems to be doing a good job replacing itself on its own, lots of wind-throw due to shallowly rooted trees
49	6117 - Lowland Deciduous, Mixed Coniferous	Sawtimber Well	0.1	96	Unspecified	Remote call based on imagery/data from St #18
50	6117 - Lowland Deciduous, Mixed Coniferous	Sawtimber Well	8.7	96	Unspecified	Remote call based on imagery/data from St #18
105	4134 - Aspen, Spruce/Fir	Poletimber Medium	10.3	85	1-50	Oldest aspen is over-mature and declining, should be cut to regenerate aspen but terrain is wet in spots and may not be operable, eastern portion has lower terrain and is heavy to BF with some tag alder so access to the west side of the stand is questionable
106	6120 - Lowland Cedar	Poletimber Well	36.2	103	Unspecified	wet cedar stand with some blowdown, heavy deer sign
107	6124 - Lowland Spruce-Fir	Poletimber Well	8.1	49	Unspecified	slightly higher/drier terrain than surrounding cedar stands, mix of fir and spruce with scattered hardwoods, probably operable during very dry summer or winter with hard/frozen ground but soils are Tawas-Lupton Mucks
108	6120 - Lowland Cedar	Poletimber Well	13.6	90	Unspecified	wet cedar stand. growing well with no stagnation evident, lots of deer sign

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Roscommon Mgt. Unit

Report 7 – Forested Stands

Compartment: 70
Year of Entry: 2018



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
109	6124 - Lowland Spruce- Fir	Sapling Well	34.9	49	Unspecified	Similar to St #7 but somewhat wetter with more tag alder, BF in understory



Stand	Cover Type	Acres	Managed Site	General Comments:
12	622 - Lowland Shrub	9.7	No	Lowland Shrub
16	6224 - Treed Bog	5.7	No	Treed bog with mostly BS/BF but also scattered R/W pine, pockets of "L"
29	622 - Lowland Shrub	33.6	No	lowland shrub with scattered deciduous/coniferous trees
30	622 - Lowland Shrub	3.9	No	lowland brush with scattered swamp conifers
31	622 - Lowland Shrub	5.1	No	
32	622 - Lowland Shrub	8.7	No	lowland brush with scattered swamp conifers
33	622 - Lowland Shrub	17.8	No	wet run with "L"
34	622 - Lowland Shrub	12.9	No	wet run with "L"
35	622 - Lowland Shrub	7.0	No	wet run with "L"
36	622 - Lowland Shrub	16.2	No	lowland shrub with scattered swamp conifers
37	622 - Lowland Shrub	32.3	No	small strip of upland north of Long Point Drive and then the rest is wet, "L" with scattered areas heavy to RM poles/SL's in the north end of the stand
38	622 - Lowland Shrub	12.1	No	
41	6224 - Treed Bog	3.5	No	treed Bog with mostly BS/BF but also scattered R/W pine, pockets of "L"
42	6225 - Bog	12.2	No	Bog with encroaching conifers, conifers are very heavy in spots
46	622 - Lowland Shrub	3.1	No	OPIC - FMD: IMMATURE/MATURE ASPEN (2 AGED), CUT NOW FOR BETTER ASPEN AGE CLASS DISTRIBUTION, SOME HYPOXALIN CANKERS AND CONKS, LEAVE SOME SCATTERED OAK SAWLOGS FOR WILDLIFE MAST, ANY MIX OF ASPEN/OAK/RED MAPLE IS ACCEPTABLE AS REGENERATION, SEED JACK PINE IF REGENERATION FAILS, REGENERATION CHECK AFTER 3 GROWING SEASONS, CUT SPRING 2008 - DEE
400	310 - Herbaceous Openland	2.6	Yes	MAINTAINED WILDLIFE OPENING



Stand	Cover Type	Acres	Managed Site	General Comments:
401	330 - Low-Density Trees	6.1	No	Low density trees, mostly crappy black oak SL's with some pin cherry poles, filling in with oak/red maple, and aspen saplings, probably will be forested stand next YOE, maintain for now as a buffer for last YOE's and any of this YOE's cuts to the west
402	310 - Herbaceous Openland	12.4	Yes	MAINTAINED WILDLIFE OPENING with scattered deciduous trees, NO LOGGING EQUIPMENT IN THIS STAND IF ADJACENT STANDS ARE CUT
403	310 - Herbaceous Openland	10.9	No	HIGH VOLTAGE POWER LINE, WET "G" OR "L" IN SPOTS especially as you go west