



Compartment Review Presentation

Roscommon Forest Management Unit

Compartment 71060

Entry Year 2020

Acreage: 2,538

County Roscommon

Management Area: AuSable Outwash

Revision Date: 2018-07-25

Stand Examiner: Jason Lewicki

Legal Description:

T24N, R02W S. 26 & 35.

T23N, R02W S. 1 & 12.

Identified Planning Goals:

Vegetation management in the Ausable Outwash Management Area will provide timber products; maintain or enhance wildlife habitat; protect areas of unique character including several state wildlife area floodings, the Roscommon Forest Fire Experiment Station, threatened, endangered and special concern species; and provide for forest-based recreational uses. Timber management for the next ten years will focus on improving the age class structure of aspen, harvesting older jack pine and regeneration of red pine and oak to help balance age classes. Wildlife habitat management objectives include perpetuating early-successional communities for species adapted to young forests for hunting and other wildlife-related recreation opportunity and management of the State Wildlife Management Areas. Expected issues within the next decade are increased non-native exotic plants, especially Phragmites in the wetland areas, and increased recreational pressure.

Soil and topography:

Soils on the uplands consist mainly of Grayling sands and Croswell sands.

Soils on the lowlands consist of Tawas-Lupton and Deford mucks.

Topography is generally very flat.

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

Ownership within the compartment boundaries and the surrounding areas is primarily under state ownership with some scattered private inholdings.

Unique Natural Features:

None known

Archeological, Historical, and Cultural Features:

None known

Special Management Designations or Considerations:

None

Watershed and Fisheries Considerations:

Hudson Creek runs through the northern part of the compartment and feeds the South Branch of the AuSable River.

Wildlife Habitat Considerations:

The northern portion of this compartment is a documented deer wintering area. The southern portion contains 3 actively managed wildlife openings. The extreme southern portion of the compartment contains the northern portion of the Russell Lake deer wintering area, another documented habitat complex. Forest management for wildlife should focus on maintaining winter thermal cover and providing understory browse where possible.

Mineral Resource and Development Concerns and/or Restrictions

Sections 1 & 12, T23N-R2W and sections 26 & 35, T24N-R2W, Roscommon County Nine Mile and St. Helen/Carter pits are located to the southwest. There appears to be good sand & gravel potential within the compartment, but much of the compartment is covered by wetlands, which could inhibit surface mining. The St. Helen Field is located less than two miles to the northeast. The field has produced over 8.7 million BO and 14.7 Bcf gas from the Devonian Richfield Formation and is in secondary recovery operations currently. There are several active leases within the compartment. Marathon holds these leases and they have been divesting of their interests in the state. There is no known metallic mineral potential in this part of the state.

Vehicle Access:

Vehicle access is poor in the northern portion of the compartment due to large wetland a complex. The southern portion of the compartment has good access throughout due to county roads and upland cover types.

Survey Needs:

None at this time.

Recreational Facilities and Opportunities:

Dual designated ORV Route - Snowmobile trail 69 occurs in the east of the railroad tracks of section 26. Geels 50" ORV Trail occurs on Marl Lake Road along the utility corridor. The lowland areas of the compartment attract users for deer and small game hunting. (A.2018)

Fire Protection:

This compartment has a few small stands of high hazard fuel types but is mostly low ground and over all low wild land fire risk. Because of the low ground accessibility could be difficult to suppress fires.

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**

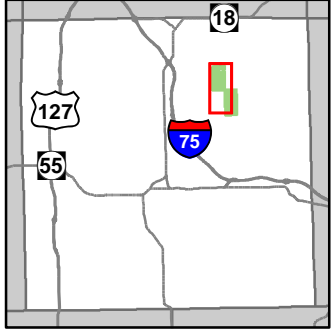
The following information is displayed, where pertinent, on the attached compartment maps:

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

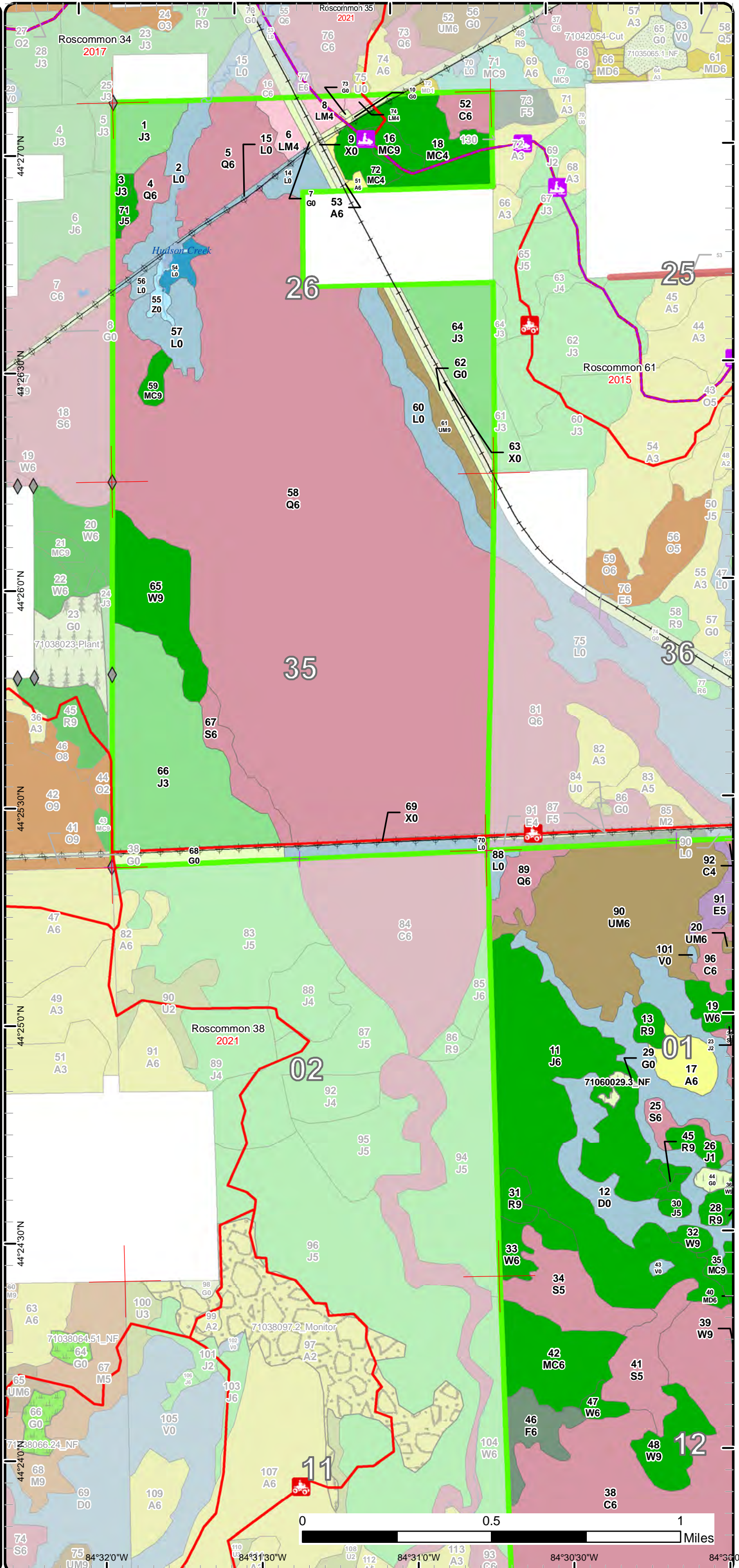
Cover Type & Treatments Map

Compartment: 60
 T23N, R02W, Sec. 1, 12
 T24N, R02W, Sec. 26, 35

County: Roscommon
 Unit: Roscommon
 Mgmt Area: AuSable Outwash
 YOE: 2020
 Acres: 2,538 GIS Calculated
 Examiner: Jason Lewicki
 Map Revised: 12/27/2018
 Map Phase: Post-Review



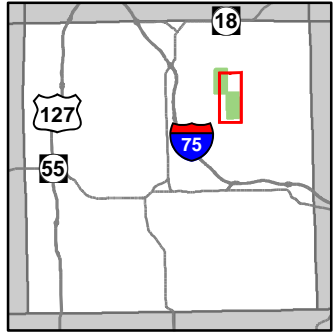
- Miris Corners
- + Remonumented Section Corners
- ◆ Field Grade Corners
- Counties
- Active Railroads
- ORV Trails
- Snowmobile Trails
- Designated ATV
- - - Designated ORV Route
- Designated Snowmobile Trails
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers All
- Powerline
- Compartment Boundary
- Opening Maintenance
- 413 - Aspen
- 421 - Planted Pines
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 310 - Herbaceous Openland
- 500 - Water
- 622 - Lowland Shrub
- 629 - Mixed non-forested wetland
- 790 - Other Bare/Sparsely Vegetated
- Lakes



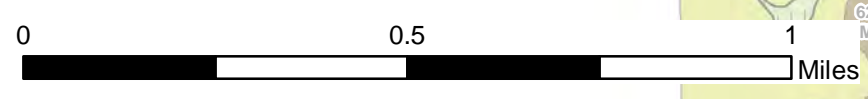
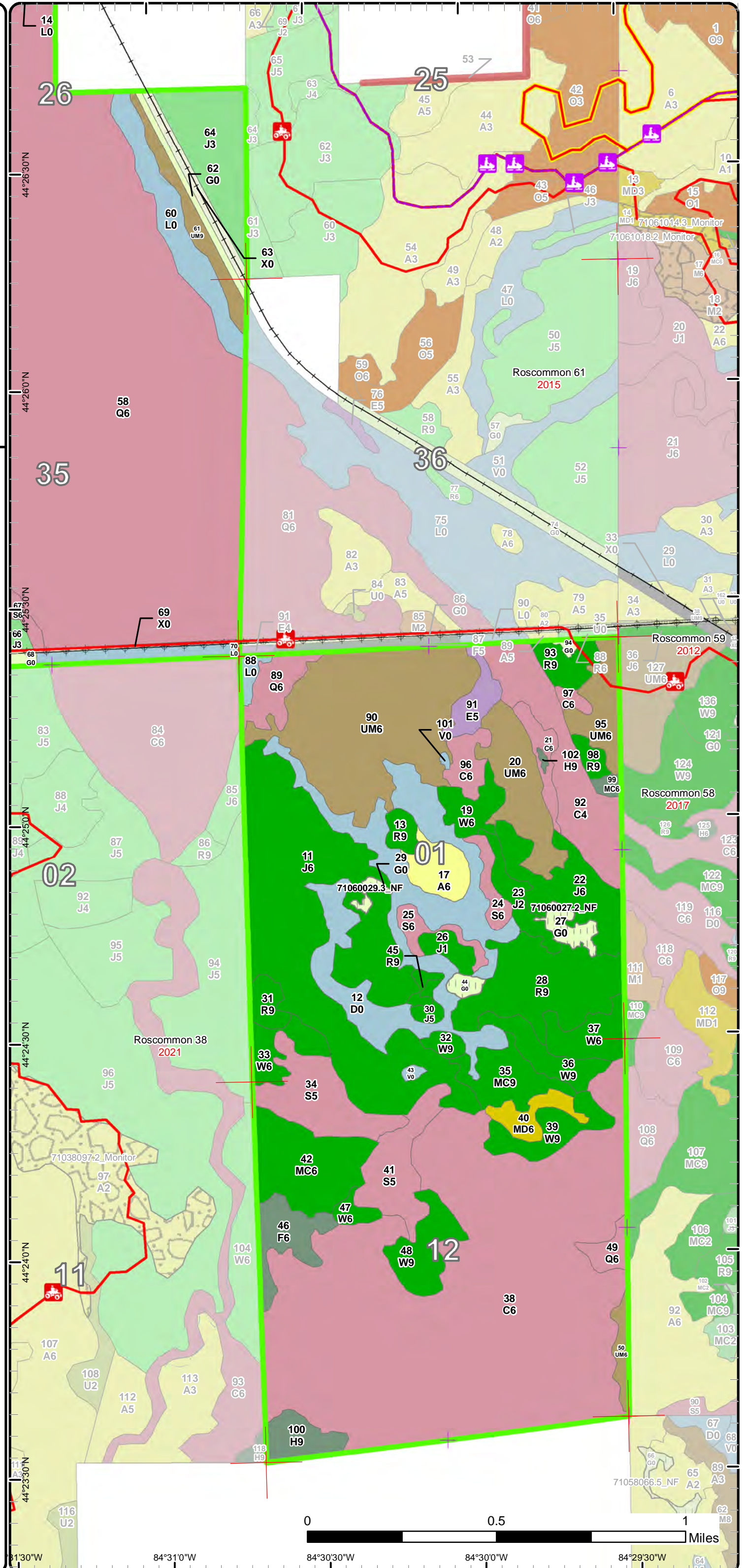
84°32'0"W 84°31'30"W 84°31'0"W 84°30'30"W 84°30'0"W

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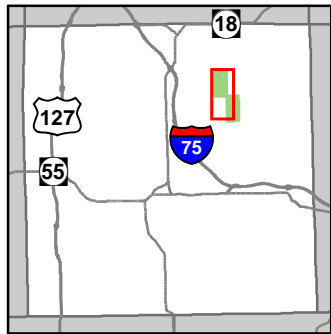


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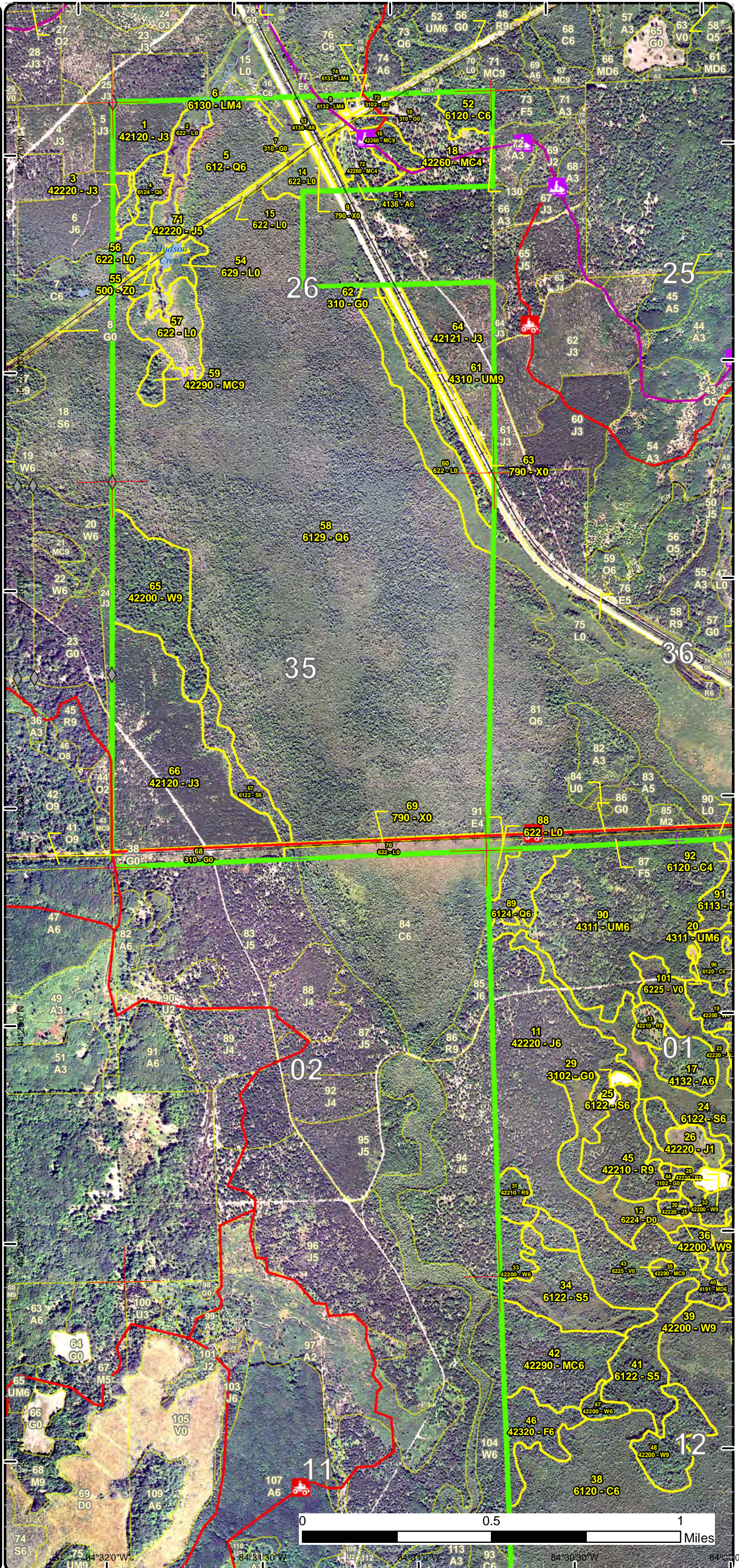
Stand Boundary Map

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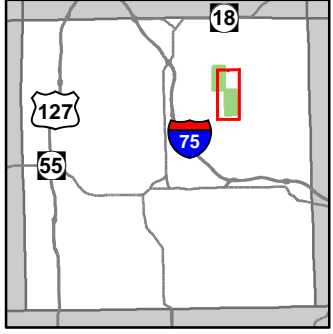
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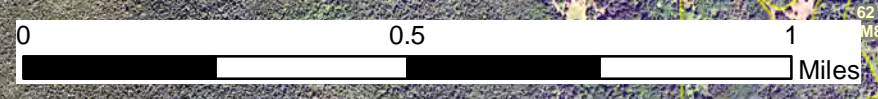
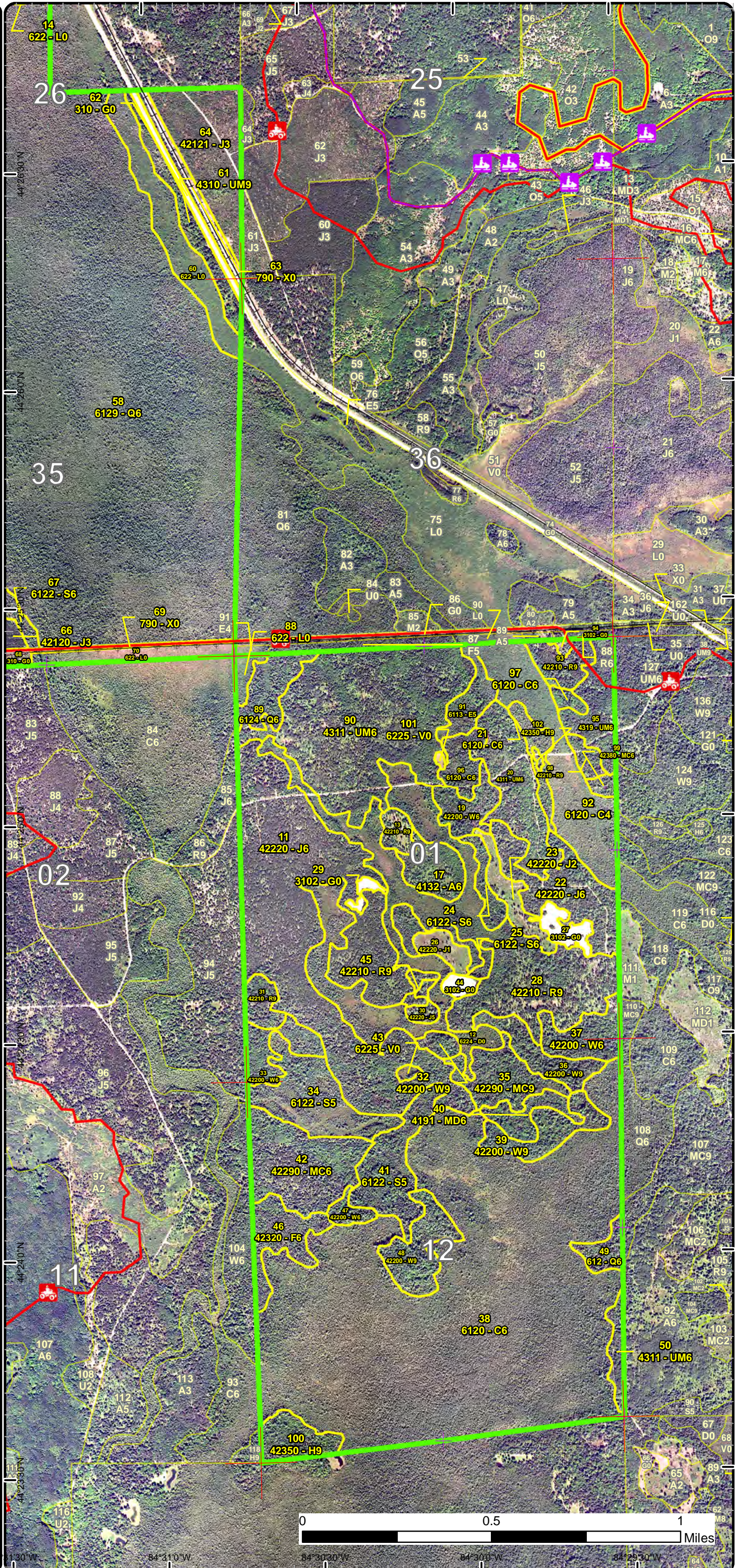
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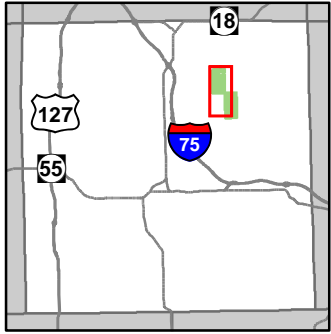


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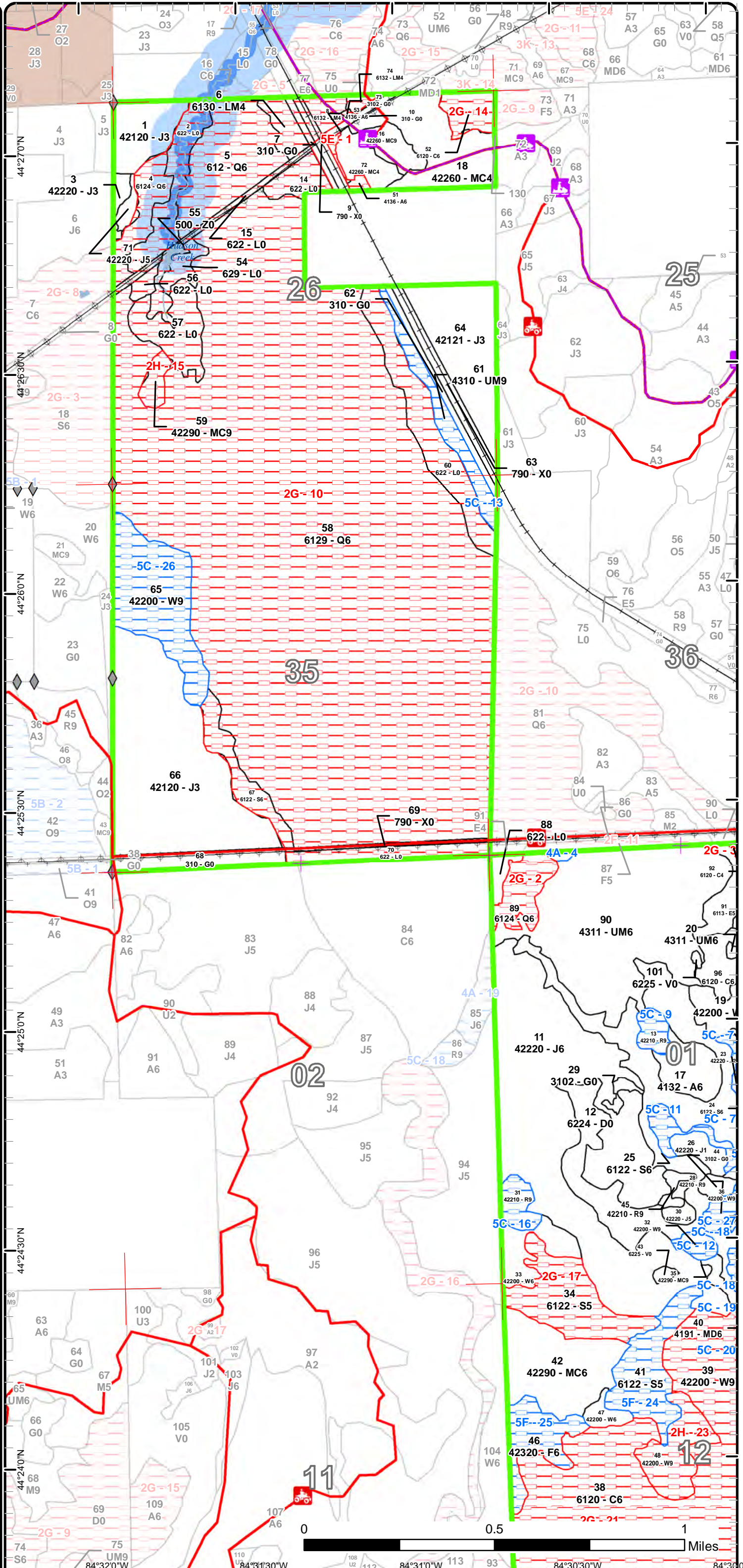
Special Conservation Areas & Site Conditions Map

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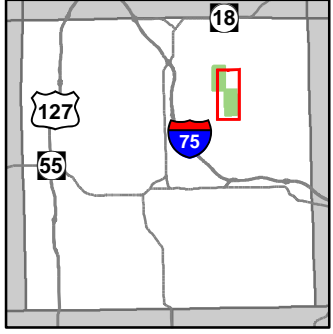
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- Powerline
- Compartment Boundary
- Available w/ Constraints
- Unavailable
- 4A: No Markets Available for these Forest Products
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- 2G: Too wet (sensitive soils, does not include access issues)
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- 5E: Long-Term Retention
- Stand Boundaries
- Natural Rivers Vegetative Buffer
- Natural Rivers Zoning District
- Research, Development, and Military Lands



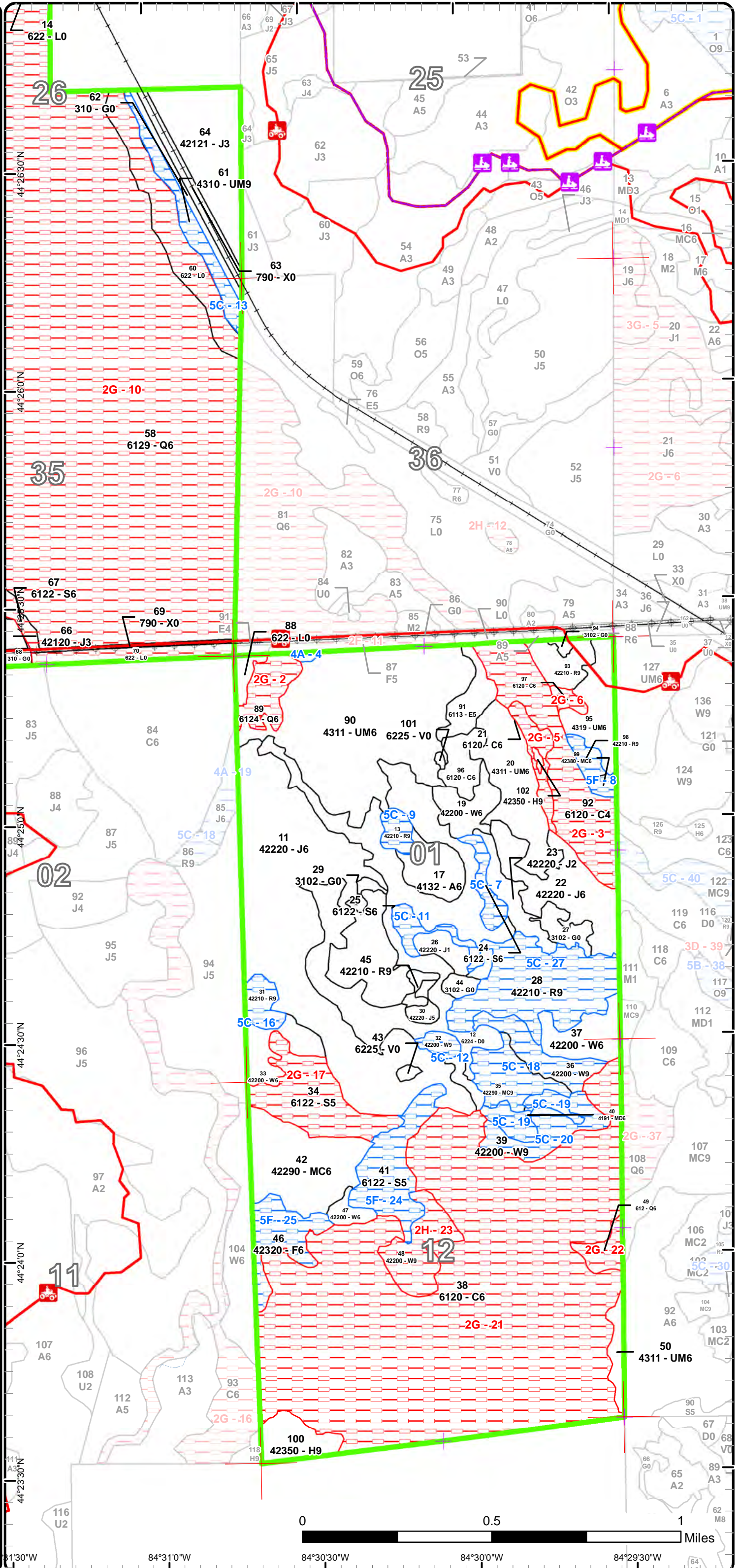
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Report 1 – Total Acres by Cover Type and Age Class



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	0	0	0	0	13	2	0	0	0	0	0	0	0	0	0	0	0	15
Bare/Sparsely Vegetated	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18
Bog	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Cedar	0	0	0	0	0	0	0	0	0	58	8	9	0	390	0	0	0	0	465
Hemlock	0	0	0	0	0	0	0	0	0	0	0	0	13	0	0	0	1	0	14
Herbaceous Openland	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37
Jack Pine	0	16	39	117	3	190	0	0	0	0	0	0	0	0	0	0	0	0	365
Lowland Conifers	0	0	0	0	0	0	0	14	20	0	0	0	742	0	0	0	0	0	776
Lowland Deciduous	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	10
Lowland Mixed Forest	0	0	0	0	0	0	0	0	7	5	2	0	0	0	0	0	0	0	14
Lowland Shrub	103	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	103
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	14	57	7	0	7	0	0	0	0	0	85
Mixed Upland Deciduous	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	10
Natural Mixed Pines	0	0	0	0	0	38	0	8	43	0	19	0	5	0	0	0	0	0	113
Red Pine	0	0	0	0	0	0	0	0	62	0	15	0	0	0	0	0	0	0	77
Treed Bog	90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	90
Upland Conifers	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	2
Upland Mixed Forest	0	0	0	0	0	163	15	0	0	0	0	0	0	0	0	0	0	0	178
Upland Spruce/Fir	0	0	0	0	0	0	0	0	18	0	0	0	0	0	0	0	0	0	18
Water	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
White Pine	0	0	0	0	0	15	13	0	12	0	4	31	65	0	0	0	0	0	138
Total	255	16	39	117	3	419	40	22	179	72	105	39	841	0	390	0	1	0	2535



Report 2 – Treatment Summary

Roscommon Mgt. Unit
Year of Entry: 2020

Acres of Harvest

Compartment 60
Total Compartment Acres: 2,538

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

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	0	0	0	0	0	0	0	0	12	12
Next Step	0	0	0	0	0	0	0	0	12	12
Total	0	0	0	0	0	0	0	0	24	24



Stand Name	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
27	71060027.2_N F	6.7	3102 - Grass	Nonstocked		Unspecified	NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		Draft Field Boundary

Habitat Cut: No**Site Condition:**

Prescription Mow, cultivate, fertilize, seed as required to maintain established Wildlife Opening, Rosco-St. Helen Field 18.

Specs:

Next Step NonForestMgt, Herbaceous/Crop/Grass Planting

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/1 /2017

29	71060029.3_N F	2.1	3102 - Grass	Nonstocked		Unspecified	NonForestMgt	Herbaceous/Crop /Grass Planting	3102 - Grass		Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Mow, cultivate, fertilize, seed as required to maintain established Wildlife Opening, Rosco-St. Helen Field 16.

Specs:

Next Step NonForestMgt, Herbaceous/Crop/Grass Planting

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/1 /2017

44	71060044.5_N F	3.0	3102 - Grass	Nonstocked		Unspecified	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, Rosco-St. Helen Field 17.

Specs:

Next Step NonForestMgt, Herbaceous/Crop/Grass Planting

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/1 /2017

**Total Treatment
Acreage Proposed: 11.8**

Report 4 – Site Conditions

Roscommon Mgt. Unit
Jason Lewicki : Examiner

Compartment: 60
Year of Entry: 2020

Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	Dominant Site Conditions						
		With Condition	Not Available		4A	5C	5F	2G	2H	5E	
16	13	0	2	Aspen							2
18	13	0	5	Bare/Sparsely Vegetated				5			
2	2	0	0	Bog							
465	9	0	455	Cedar				455			
13	13	0	0	Hemlock							
37	36	0	2	Herbaceous Openland				2			
368	365	0	3	Jack Pine				3			
776	0	1	774	Lowland Conifers	1			774			
10	10	0	0	Lowland Deciduous							
14	0	0	14	Lowland Mixed Forest				14			
103	4	0	99	Lowland Shrub				99			
84	0	40	45	Lowland Spruce/Fir		14	26	45			
10	0	10	0	Mixed Upland Deciduous		10					
113	92	16	5	Natural Mixed Pines		16				5	
77	13	64	0	Red Pine		60	4				
90	90	0	0	Treed Bog							
2	0	2	0	Upland Conifers			2				
178	163	15	0	Upland Mixed Forest		15					
18	0	18	0	Upland Spruce/Fir			18				
5	0	0	5	Water				5			
139	44	77	19	White Pine		77				19	
2,536	867	242	1,427	Total Forested Acres	1	191	50	1,402	23		2
	34%	10%	56%	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	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Roscommon Mgt. Unit
Jason Lewicki : Examiner

Compartment: 60
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2	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	13	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
3	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	46	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
4	Available	4A: No Markets Available for these Forest Products	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Roscommon Mgt. Unit
Jason Lewicki : Examiner

Compartment: 60
Year of Entry: 2020

8	Available	5F: Evaluated for Forest Health Considerations	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Compartment being evaluated this Y.O.E..							
9	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
10	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	893	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
11	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
12	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
13	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	15	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

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14	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
15	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
16	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
17	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	31	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
18	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	30	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

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19	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
20	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	16	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
21	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	390	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
22	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
23	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	19	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
24	Available	5F: Evaluated for Forest Health Considerations	26	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

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Compartment: 60
Year of Entry: 2020

25	Available	5F: Evaluated for Forest Health Considerations	18	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
26	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	42	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
27	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	48	Unspecified	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				



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
SCA	Research and Military Areas	These areas provide facilities and lands specifically dedicated for research, or other purposes. They include the 5,847 acre Forest Fire Experiment Station, the 12,000 acre Houghton Lake Wildlife Research Area, the Beaver Islands Archipelago Wildlife Research Area (that includes most of Garden Island, all of High and Hog Islands, all state owned land on Beaver, South Fox and North Fox Islands), the Cusino Wildlife Research Area, the 3,000 acre Hunt Creek Fisheries Research Station, the 125 acre Wyman Nursery, and over 144,000 acres of Military Lands.
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.

Stand	Roscommon Mgt. Unit		Report 7 – Forested Stands			Compartment: 60	General Comments:
	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Year of Entry: 2020	
1	42120 - Planted Jack Pine	Sapling Well	17.8	24	Immature		
3	42220 - Natural Jack Pine	Sapling Well	2.9	30	1-50		Transitioning to pole timber stand.
4	6124 - Lowland Spruce-Fir	Poletimber Well	13.0	75			cedar poles with black spruce and RM poles
5	612 - Lowland Coniferous Forest	Poletimber Well	37.8	110	Unspecified		
6	6130 - Fir, Aspen, Maple	Poletimber Poor	7.0	75	Unspecified		almost an "L" with scattered conifer and deciduous trees.
8	6132 - Mixed Lowland Forest with Cedar	Poletimber Poor	5.0	85	51-80		
11	42220 - Natural Jack Pine	Poletimber Well	155.7	45	51-80		J6 stand with scattered white pine and some spruce especially near swamp edges. SE of grass opening has some areas of high water table. Pockets of low quality aspen. Pin cherry and some spruce in understory. Appears to be fire originated.
13	42210 - Natural Red Pine	Sawtimber Well	5.4	97	1-50		Stand was seed tree cut by Dankert F.P. in 2009. The stand was then RX burned in an attempt to prepare a seed bed for red pine regeneration. RX burn did little to consume the thick duff layer. Scarification was then attempted by anchor chains in the summer of 2014. There is sparse red pine regeneration at best from the treatments. Most regeneration was found in areas where the skidder or dozer mad a turn exposing mineral soil.
16	42260 - Natural Pine, Mixed Deciduous	Sawtimber Well	7.9	66	81-110		Mixed natural pine stand with some scattered poletimber aspen. Old notes indicate that red maple and aspen were removed in 1963.
17	4132 - Aspen, Jack Pine	Poletimber Well	13.4	45	51-80		Low quality aspen stand mixed with pine. Some balsam and spruce scattered around and along swamp edges.
18	42260 - Natural Pine, Mixed Deciduous	Poletimber Poor	33.1	75	1-50		Cut in July 2014 by removing aspen, red maple, and jack pine. Stand consists of scattered overstory oak and pine. Red maple and mixed aspen make up regeneration from last harvest. Some natural jack pine starting to pop up as well.
19	42200 - Natural White Pine	Poletimber Well	11.7	74	111-140		Mixed pine stand with a wetter area in the middle of the stand dominated by cedar and mature pine.
20	4311 - Pine, Aspen Mix	Poletimber Well	31.1	45	1-50		Low quality, low density quaking aspen mixed with jack pine. Possibly harvest to meet MA aspen guidelines.
21	6120 - Lowland Cedar	Poletimber Well	8.2	107	51-80		
22	42220 - Natural Jack Pine	Poletimber Well	31.1	45	51-80		





	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
23	42220 - Natural Jack Pine	Sapling Medium	10.3	7	Immature	Jack pine stand that was cut last entry. Stand has natural jack pine seedlings. Some areas are very dense. Some white pine seedlings also. Super canopy red and white pine left from harvest.
24	6122 - Black Spruce	Poletimber Well	6.8	92	81-110	
25	6122 - Black Spruce	Poletimber Well	7.1	117	81-110	
26	42220 - Natural Jack Pine	Sapling Poor	6.3	8	Immature	Stand was harvested in the summer of 2010 by a full tree harvest operation. Stand is upland but has a high water table. There appears to be good jack pine regeneration throughout the stand with some scattered black spruce mixed in.
28	42210 - Natural Red Pine	Sawtimber Well	47.8	79	81-110	Thinned in the summer of 2010. Some areas, especially the landings have heavy jack pine regeneration.
30	42220 - Natural Jack Pine	Poletimber Medium	3.4	45	51-80	
31	42210 - Natural Red Pine	Sawtimber Well	7.2	97	111-140	Small stand of natural red pine.
32	42200 - Natural White Pine	Sawtimber Well	3.8	92	111-140	Small stand of red and white pine sawtimber.
33	42200 - Natural White Pine	Poletimber Well	12.5	58	1-50	
34	6122 - Black Spruce	Poletimber Medium	31.2	87	1-50	inoperable
35	42290 - Natural Mixed Pine	Sawtimber Well	19.4	92	81-110	Mixed conifer stand on high water table. Multiple diameter classes of white pine. Red pine found mostly in sawtimber class. Jack pine and birch are in decline with significant mortality. SW part of stand is heavy to jack pine and black spruce canopy.
36	42200 - Natural White Pine	Sawtimber Well	14.1	107	111-140	Wet stand with large red and white pine. Cedar mixed in. White pine and some spruce regen.
37	42200 - Natural White Pine	Poletimber Well	15.1	45	51-80	
38	6120 - Lowland Cedar	Poletimber Well	390.0	132	51-80	Large, variable cedar and lowland conifer stand.
39	42200 - Natural White Pine	Sawtimber Well	16.4	107	171-200	Large diameter tall white pine stand. Areas with pole timber hemlock underneath the pine. A few scattered beech and red oak.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
40	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	9.5	82	81-110	Primarily a red maple pole timber/small log stand with white pine sawtimber. Some are large diameter white pine. Heavy balsam fir understory.
41	6122 - Black Spruce	Poletimber Medium	25.6	82	51-80	Stand is healthy. Consider treating with the adjacent jack pine stand is cut in 10-20 years.
42	42290 - Natural Mixed Pine	Poletimber Well	38.2	45	81-110	Natural jack pine stand with scattered wolfy white pine in the small log class. Some pockets of very poor quality quaking aspen.. Most aspen is along the north edge. Some scattered red pine and black spruce.
45	42210 - Natural Red Pine	Sawtimber Well	2.7	97	111-140	
46	42320 - Upland Spruce	Poletimber Well	17.6	73	111-140	Nice stand of black spruce. Healthy with no signs of decline or budworm defoliation. The stand is found on a high water table but most of the area seem operable. Manage with the jack pine stand to the north, Stand will hold until the adjacent jack pine stand is ready to harvest in 10-20 years.
47	42200 - Natural White Pine	Poletimber Well	4.2	113	141-170	
48	42200 - Natural White Pine	Sawtimber Well	18.6	112	171-200	
49	612 - Lowland Coniferous Forest	Poletimber Well	6.6	77	51-80	
50	4311 - Pine, Aspen Mix	Poletimber Well	6.3	44	51-80	Aspen mixed with white pine and balsam fir.
51	4136 - Aspen, Mixed Conifer	Poletimber Well	1.3	54	Unspecified	hummocky ground but operable with care, stand is aspen with scattered oak and red pine, cut A/M/J and leave oak and R/W pine for retention/wildlife/diversity/visual on the rec. trails thru stand, any level of regen. stocking and species is acceptable - most likely will regenerate well to aspen
52	6120 - Lowland Cedar	Poletimber Well	9.0	110	111-140	Lowland conifer stand dominated by cedar and white pine. One small upland area dominated by red maple, white pine and a few aspen.
53	4136 - Aspen, Mixed Conifer	Poletimber Well	1.0	54	Unspecified	
58	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	704.3	110	81-110	
59	42290 - Natural Mixed Pine	Sawtimber Well	4.9	110	141-170	island of natural pine surrounded by swamp
61	4310 - Pine, Oak Mix	Sawtimber Well	14.6	55	81-110	Long narrow stand along m76. Some lowland areas on north end. Not practical to manage.



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
64	42121 - Planted Jack Pine, Mixed Deciduous	Sapling Well	38.9	11	Immature	planted to jack pine in 2007 after being cut in 2004
65	42200 - Natural White Pine	Sawtimber Well	42.2	117	81-110	natural red and white pine stand with a high amount of variability. Some lowland areas with higher amounts of spruce. Stand is drier to the north and west with a few oaks present. Some large diameter white pine throughout.
66	42120 - Planted Jack Pine	Sapling Well	98.9	25	Immature	Dog hair jack pine stand.
67	6122 - Black Spruce	Poletimber Well	13.7	75	51-80	Black spruce pole timber stand. Leatherleaf ground cover. Some scattered red pine especially on north end
71	42220 - Natural Jack Pine	Poletimber Medium	2.9	30	1-50	Part of larger harvest to the west. Surrounding area was replanted to jack pine. This area has scattered lowland pockets dominated by black spruce and leatherleaf. Was probably not planted due to lowland areas.
72	42260 - Natural Pine, Mixed Deciduous	Poletimber Poor	9.5	75	1-50	Cut in July 2014 by removing aspen, red maple, and jack pine. Stand consists of scattered overstory oak and pine. Red maple and mixed aspen make up regeneration from last harvest.
74	6132 - Mixed Lowland Forest with Cedar	Poletimber Poor	2.0	96	Unspecified	
89	6124 - Lowland Spruce-Fir	Poletimber Well	14.1	66	51-80	Mixed stand of balsam fir and black spruce. east side of stand is on much higher ground. There is a wet swale that extends north and south that stops operability to the west 1/2 of the stand.
90	4311 - Pine, Aspen Mix	Poletimber Well	107.2	45	51-80	Poor quality off site aspen mixed with jack pine. Fairly low density. A few scattered red pine. Some oak in the understory. Possibly harvest to meet MA aspen objectives.
91	6113 - Lowland Maple	Poletimber Medium	10.3	57	51-80	Low density red maple poles. Some scattered cedar and rotten aspen.
92	6120 - Lowland Cedar	Poletimber Poor	46.0	92	81-110	
93	42210 - Natural Red Pine	Sawtimber Well	10.3	72	111-140	Natural red pine stand that was thinned in 2009. Average BA is around 110.
95	4319 - Mixed Upland Forest	Poletimber Well	18.5	45	81-110	
96	6120 - Lowland Cedar	Poletimber Well	9.4	92	51-80	
97	6120 - Lowland Cedar	Poletimber Well	2.7	96	51-80	

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Roscommon Mgt. Unit

Report 7 – Forested Stands

Compartment: 60
Year of Entry: 2020



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
98	42210 - Natural Red Pine	Sawtimber Well	4.1	77	111-140	Small stand of natural red pine.
99	42380 - Non Pine Upland Conifer, Mixed Deciduous	Poletimber Well	2.5	77	81-110	
100	42350 - Upland Hemlock	Sawtimber Well	12.7	117	141-170	Nice stand of hemlock.
102	42350 - Upland Hemlock	Sawtimber Well	0.6	182	171-200	



Stand	Cover Type	Acres	Managed Site	General Comments:
2	622 - Lowland Shrub	18.2	No	
7	310 - Herbaceous Openland	3.0	No	
9	790 - Other Bare/Sparsely Vegetate	4.5	No	
10	310 - Herbaceous Openland	2.3	No	
12	6224 - Treed Bog	90.1	No	White pine bog
14	622 - Lowland Shrub	8.0	No	
15	622 - Lowland Shrub	5.4	No	
27	3102 - Grass	6.7	Yes	
29	3102 - Grass	2.1	Yes	
43	6225 - Bog	1.3	No	
44	3102 - Grass	3.0	Yes	
54	629 - Mixed non-forested wetland	5.0	No	
55	500 - Water	4.7	No	
56	622 - Lowland Shrub	2.5	No	
57	622 - Lowland Shrub	18.0	No	
60	622 - Lowland Shrub	29.9	No	
62	310 - Herbaceous Openland	6.1	No	
63	790 - Other Bare/Sparsely Vegetate	9.9	No	



Stand	Cover Type	Acres	Managed Site	General Comments:
68	310 - Herbaceous Openland	13.0	No	
69	790 - Other Bare/Sparsely Vegetate	3.1	No	
70	622 - Lowland Shrub	11.9	No	
73	3102 - Grass	0.3	No	contains pipeline facility
88	622 - Lowland Shrub	3.8	No	OPIC - FMD: OI Stand Year Origin was
94	3102 - Grass	1.1	No	
101	6225 - Bog	0.5	No	