



Compartment Review Presentation

Roscommon Forest Management Unit

Compartment 71041

Entry Year 2022

Acreage: 3,935

County Roscommon

Management Area: Upper Muskegon

Revision Date: 2020-05-04

Stand Examiner: Doug Bates

Legal Description:

Sections 3-5 & 9, T23N-R2W and sections 19-20 & 28-34, T22N-R2W, Roscommon County

Identified Planning Goals:

To maintain and promote healthy varied timber types of varying ages within the Compartment that benefits wildlife species game and non-game as well as recreational opportunities for the general public.

Soil and topography:

The topography is mostly flat glacial outwash plains predominately being of poorly drained soils. The poorly drained soils consists of Tawas-Lupton Mucks and Histosols/Aquents which comprise half of the compartment. The higher grounds lies along portions of the west side and north end. This better drained soils are of the Crosswell-Kinross-AuGres Sands.

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

A contiguous block of state ownership in the middle of three heavily traveled road systems; M-18, M-55, and I-75. Development is limited within the compartment. Being Wildlife Division administered, lands were purchased mainly by federal dollars that require specific guidelines to be followed. Land uses outside the boundaries are light. Interface with private residences is light with a small subdivisions along the west side and a small one on the north end.

Unique Natural Features:

None listed

Archeological, Historical, and Cultural Features:

This compartment has documented archeological hits with the last observed in 2017.

Special Management Designations or Considerations:

This area encompasses the Backus Flooding which is a portion of the Backus State Game Area. Numerous MNFI observations have been identified here from Blue Heron Rookery, to Osprey, and Bald Eagles. Other natural communities include fescues and bogs.

Watershed and Fisheries Considerations:

The flooding was created around Backus Creek which flows into the Cut River and then Houghton Lake.

Wildlife Habitat Considerations:

A majority of this compartment is the Backus State Game Area (SGA), north and east of Backus Creek and west of I-75. The compartment provides habitat for deer, turkey, grouse, woodcock and bear. This compartment sees heavy pressure for hunting and contains a portion of the Backus GEM grouse management area. Management considerations include treatments that will promote hard and soft mast production for wildlife, including retention of large crown mast producing trees when possible and planting of mast producing trees and shrubs within the Game Area. Early successional species such as aspen should be managed to ensure young stands are always available for grouse and woodcock. Grouse walking trails will be maintained by Wildlife Division. To promote snowshoe hare and other small mammals, brush piles will be constructed in association with timber harvests along lowland edges. Brush pile specifications should follow recommendations provided by Wildlife Division. Aspen stands will be managed to promote young forests for early successional wildlife species. Whenever possible, aspen harvests will include drumming logs to enhance breeding habitat for ruffed grouse. Currently there are numerous managed wildlife openings within the compartment which are managed with spring and fall plantings, mowing, and burning. Three WLD owned dams on Backus Creek allow control of the water levels within the three floodings in the compartment. This SGA has an approved Master Plan that details the future habitat management and public use of the area.

Mineral Resource and Development Concerns and/or Restrictions

No known potential exists for commercial metallic mineral production in this part of the state. The nearest active sand/gravel pit, the state-owned 9 Mile Pit (DNR Pit No. 125), is less than one mile to the north, and the St. Helen/Carter

Pit (DNR Pit No. 356) is 2.5 miles east. Both pits are currently leased. Sand & gravel potential within the compartment appears to be highly variable. Much of the compartment is covered by wetlands, which could inhibit surface development. The nearest oil & gas production, past or present, is the abandoned Denton Creek Field, less than three miles to the south. There are active oil & gas leases in and around the compartment, but all leases are due to expire in August 2020 and no active drilling permits or permit applications exist in the area. Oil & gas potential within the compartment is considered moderate due to the recent leasing activity.

Vehicle Access:

Vehicle access is very limited into this area. Access is from two locations off of M-18 and one off of Russel Lake Road. Gates are in place to restrict vehicles, passenger and ORV, from driving on the dike systems as well as follow guidelines for vehicle interface based on the funding source restrictions that purchased the lands.

Survey Needs:

None identified.

Recreational Facilities and Opportunities:

Due to the wildlife management focus of the area is heavily utilized by hunters for waterfowl, small game and large game. The hunter walking trails aids in providing non-motorized pedestrian access, and reduces conflicts vehicles.

Fire Protection:

Low fire occurrence history in this compartment. Minimal amount of high hazard fuels.

Additional Compartment Information:

The following reports from the Inventory are attached:

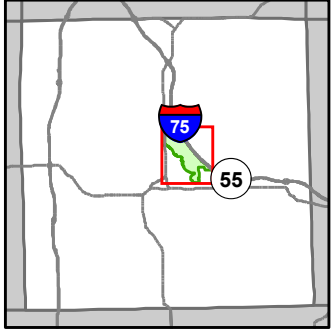
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

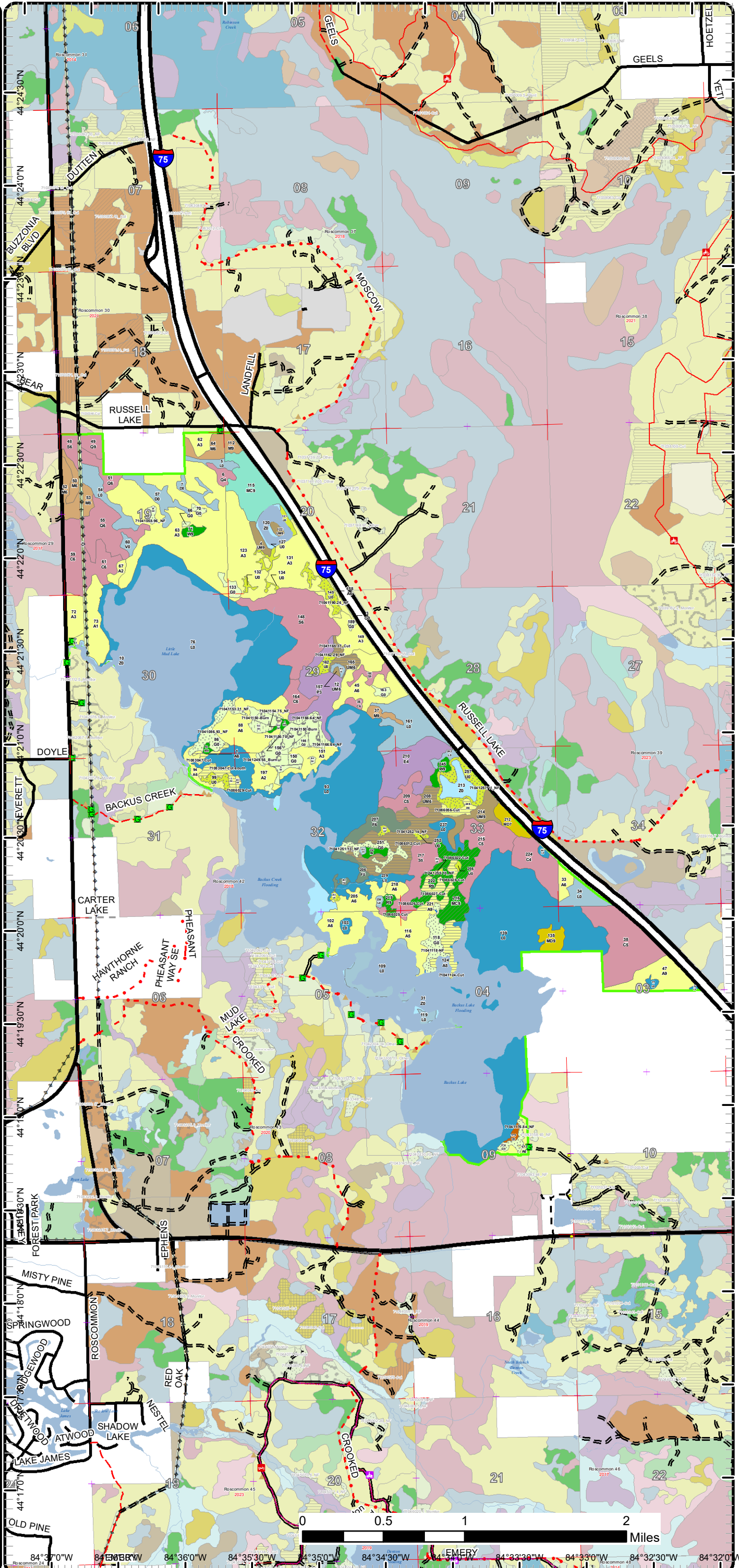
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 41
 T24N, R01E, Sec. 18-20, 28-34
 T23N, R01E, Sec. 3-5
 County: Roscommon
 Unit: Roscommon
 Mgmt Area: Upper Muskegon
 YOE: 2022
 Acres: 3934.9 GIS Calculated
 Examiner: Doug Bates
 Map Revised: 1/26/2021
 Map Phase: Post-Review



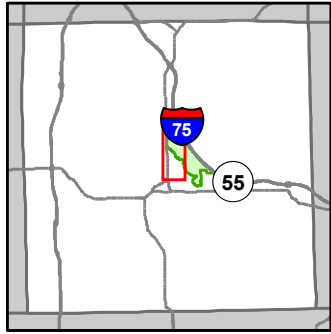
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- + Remonumented Section Corners
- Survey Grade Corners
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- == DNR - Forest Access Route
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- - - County - Dirt Road (Seasonal)
- - - Private - Dirt / Gravel Road
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- Designated ATV Trails
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- Gate
- Powerline
- Compartment Boundary
- Treatments with Site Conditions
- Clearcut (w/Reserves)
- Prescribed Burn
- Thinning (Crown, Low, Systematic)
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- Mowing
- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen Types
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- 423 - Other Upland Conifers
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- 629 - Mixed Non-forested Wetland



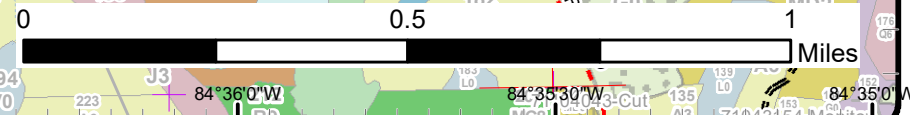
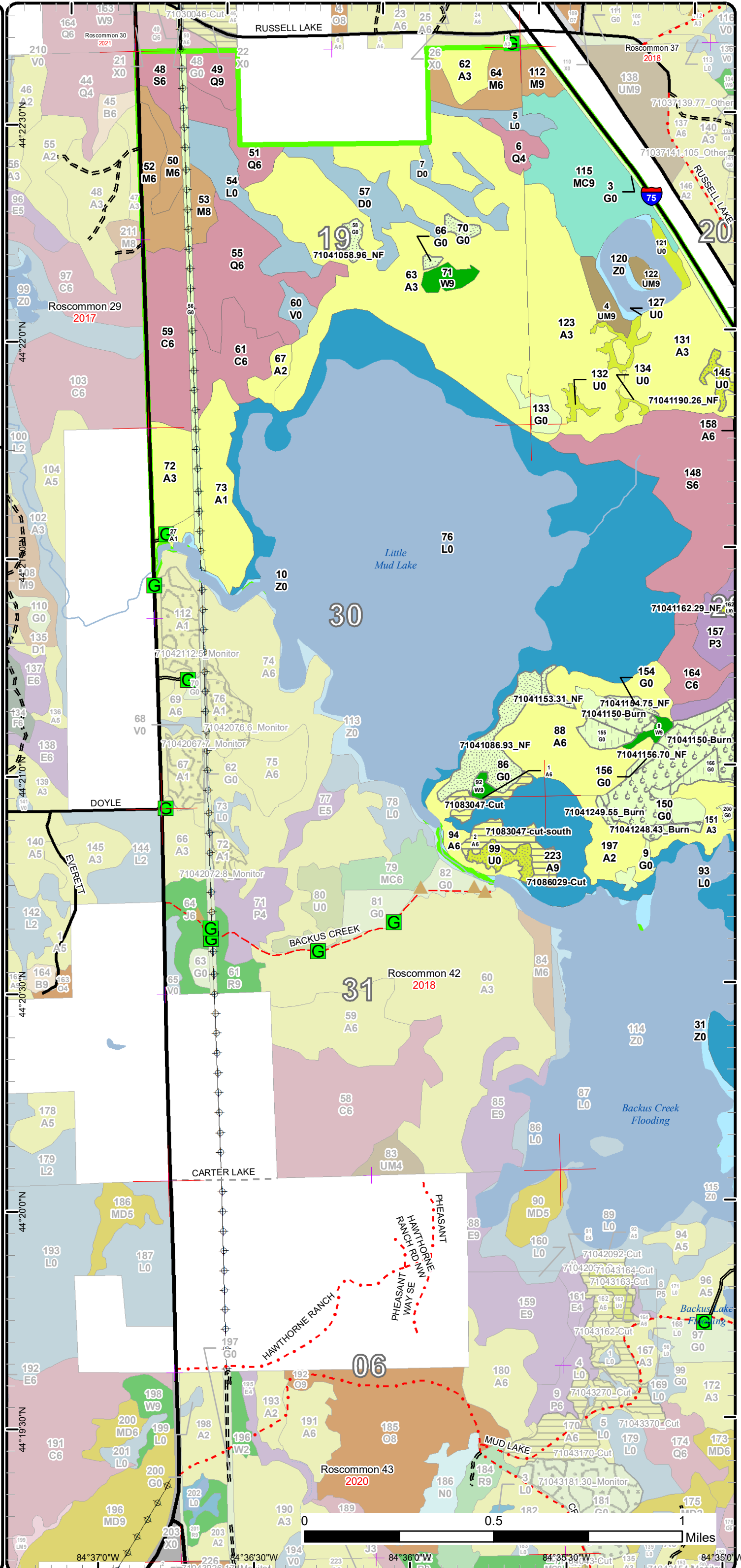
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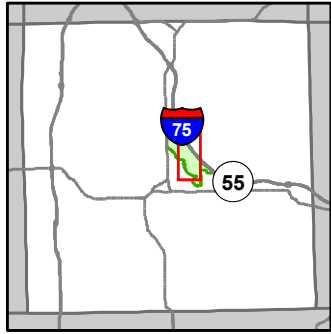
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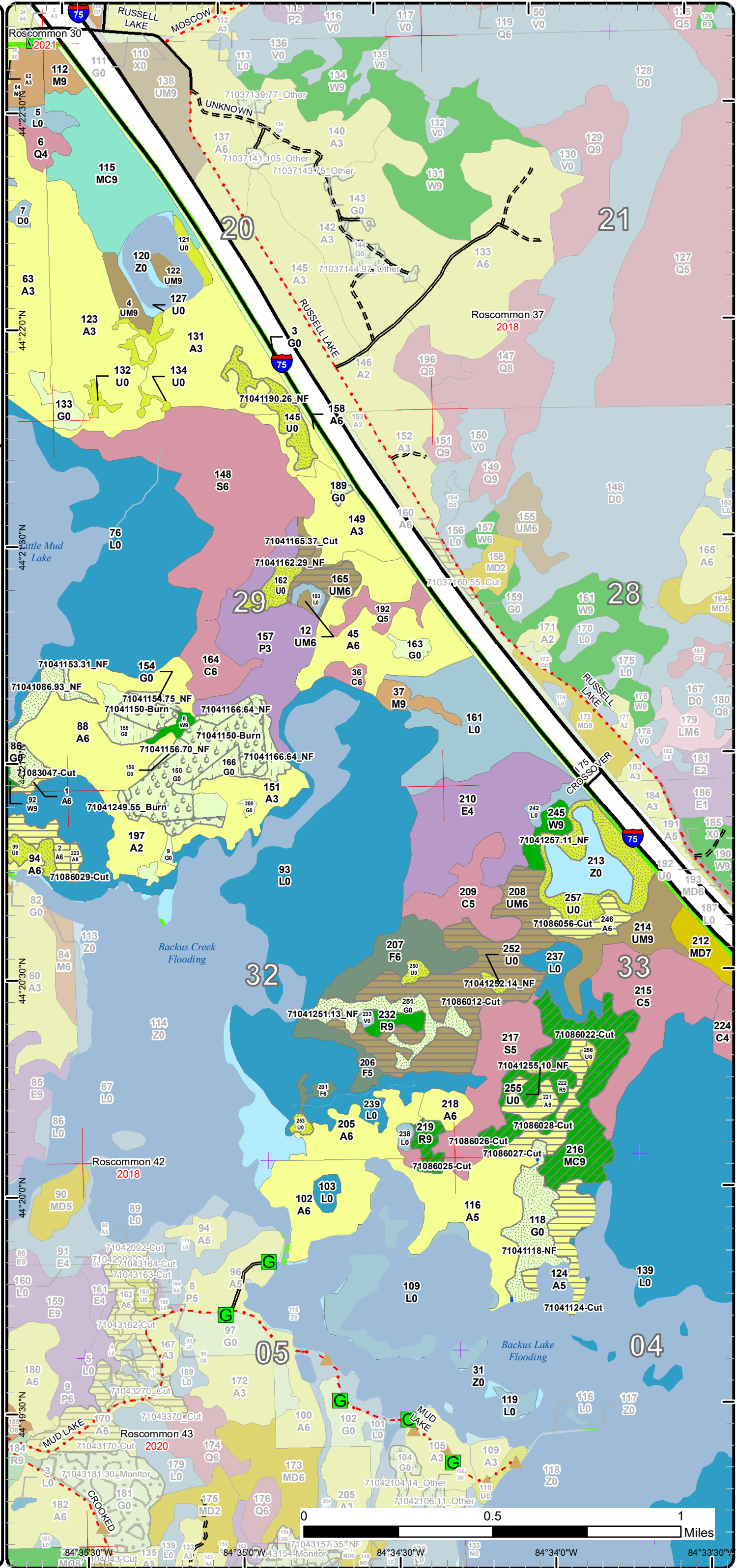
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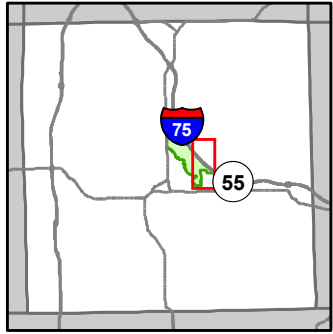


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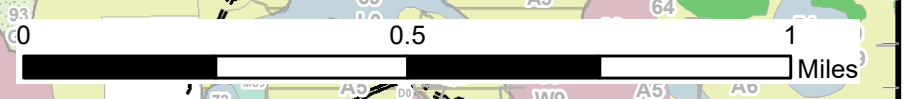
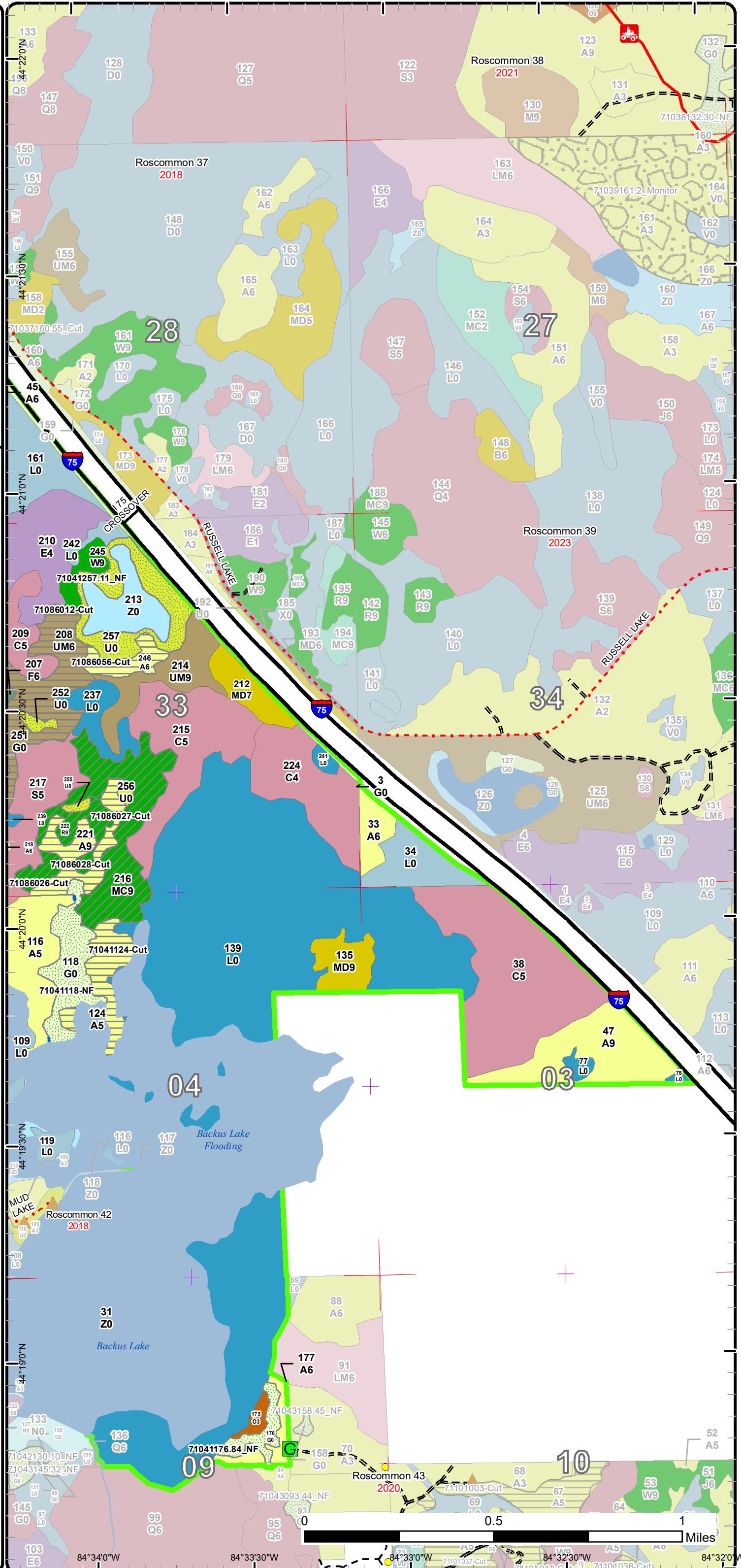


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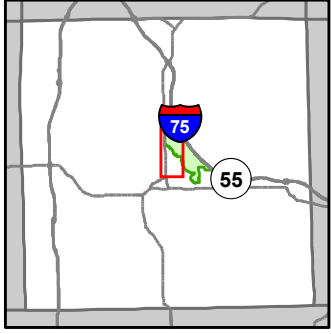
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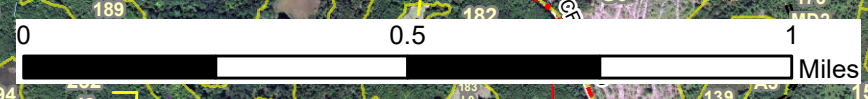
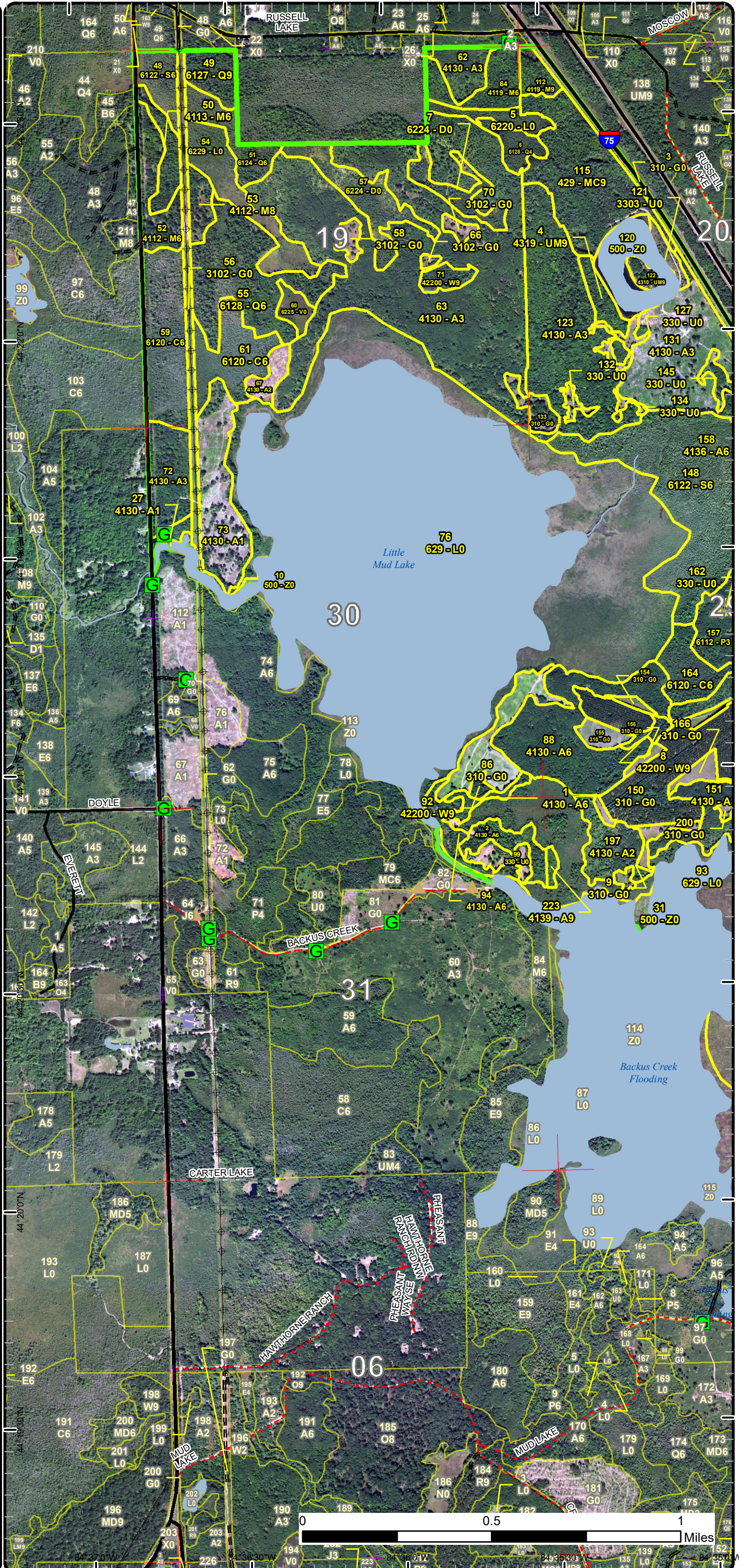
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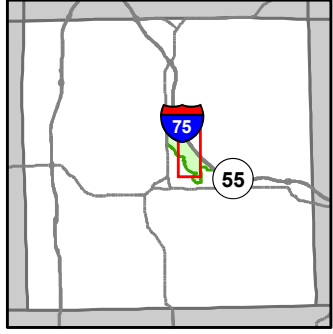
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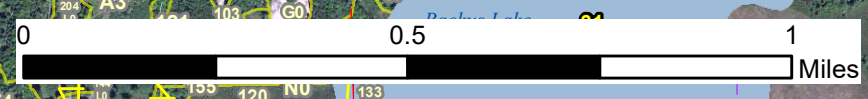
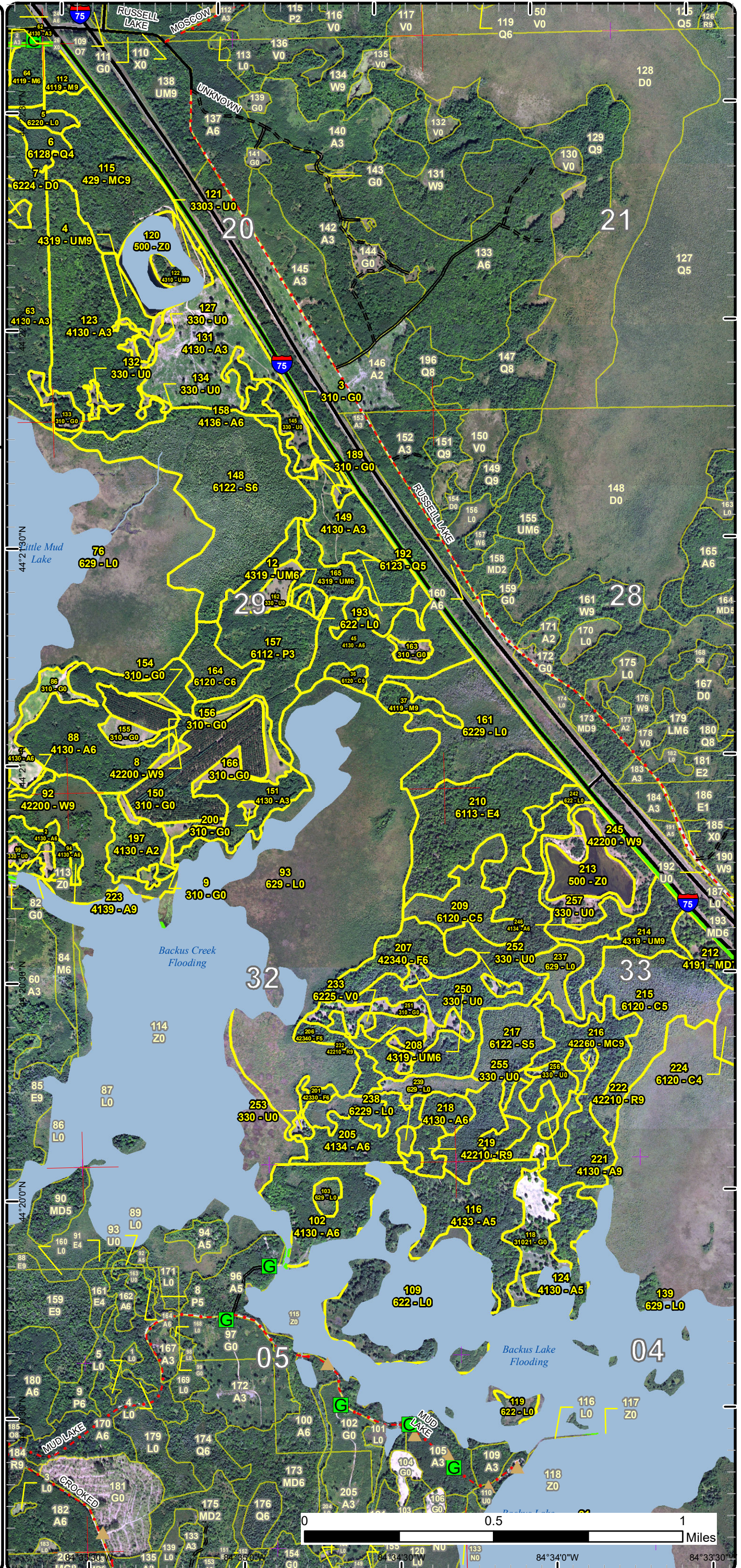
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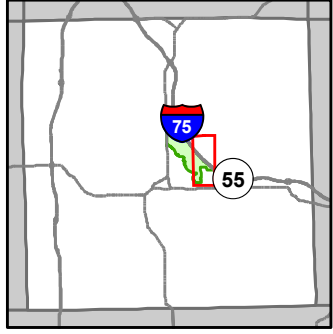
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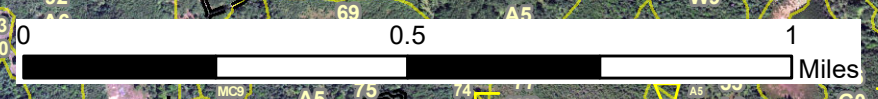
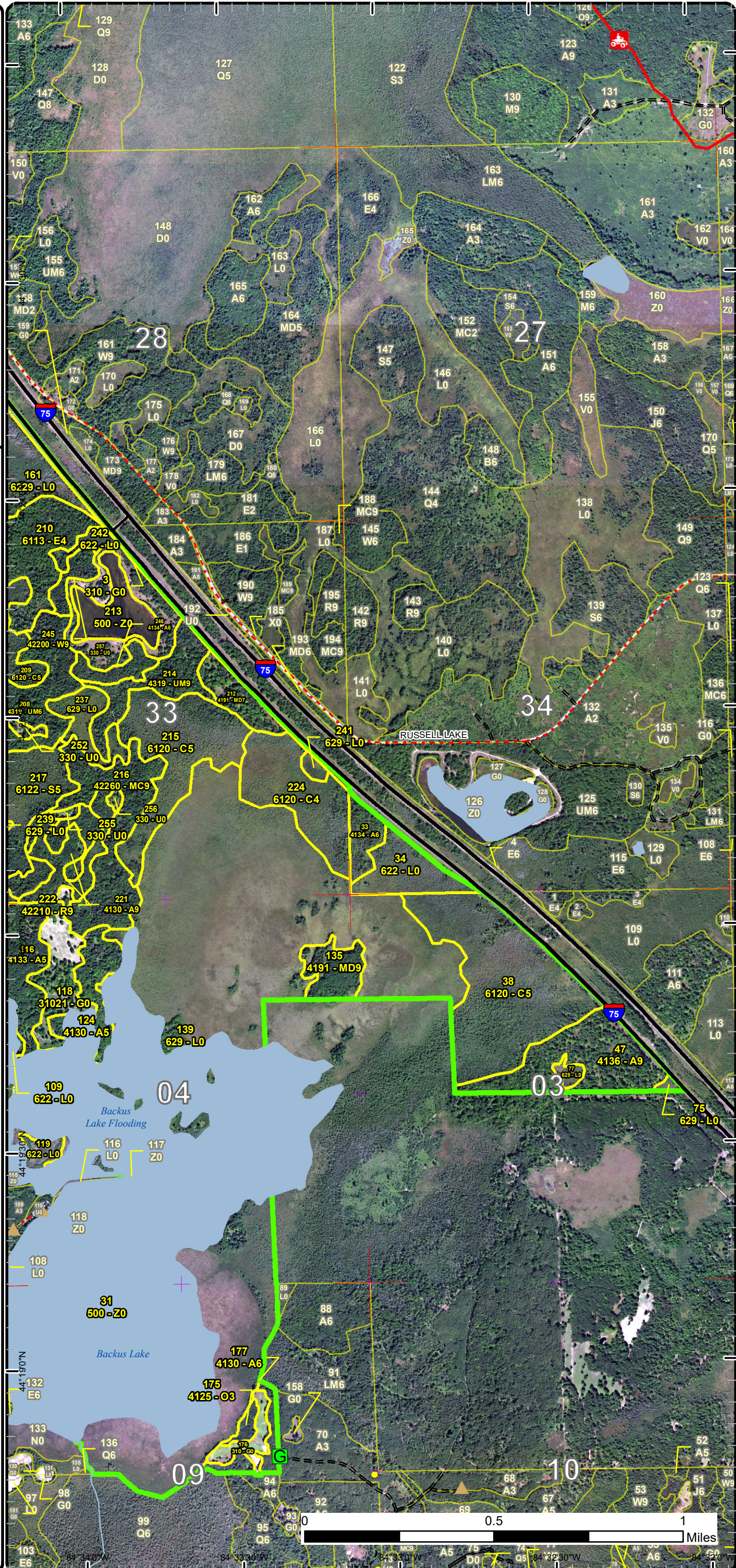
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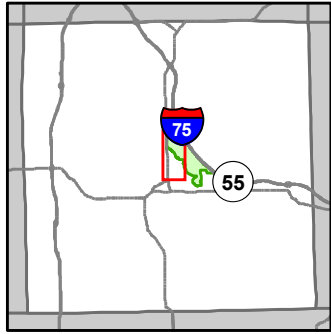


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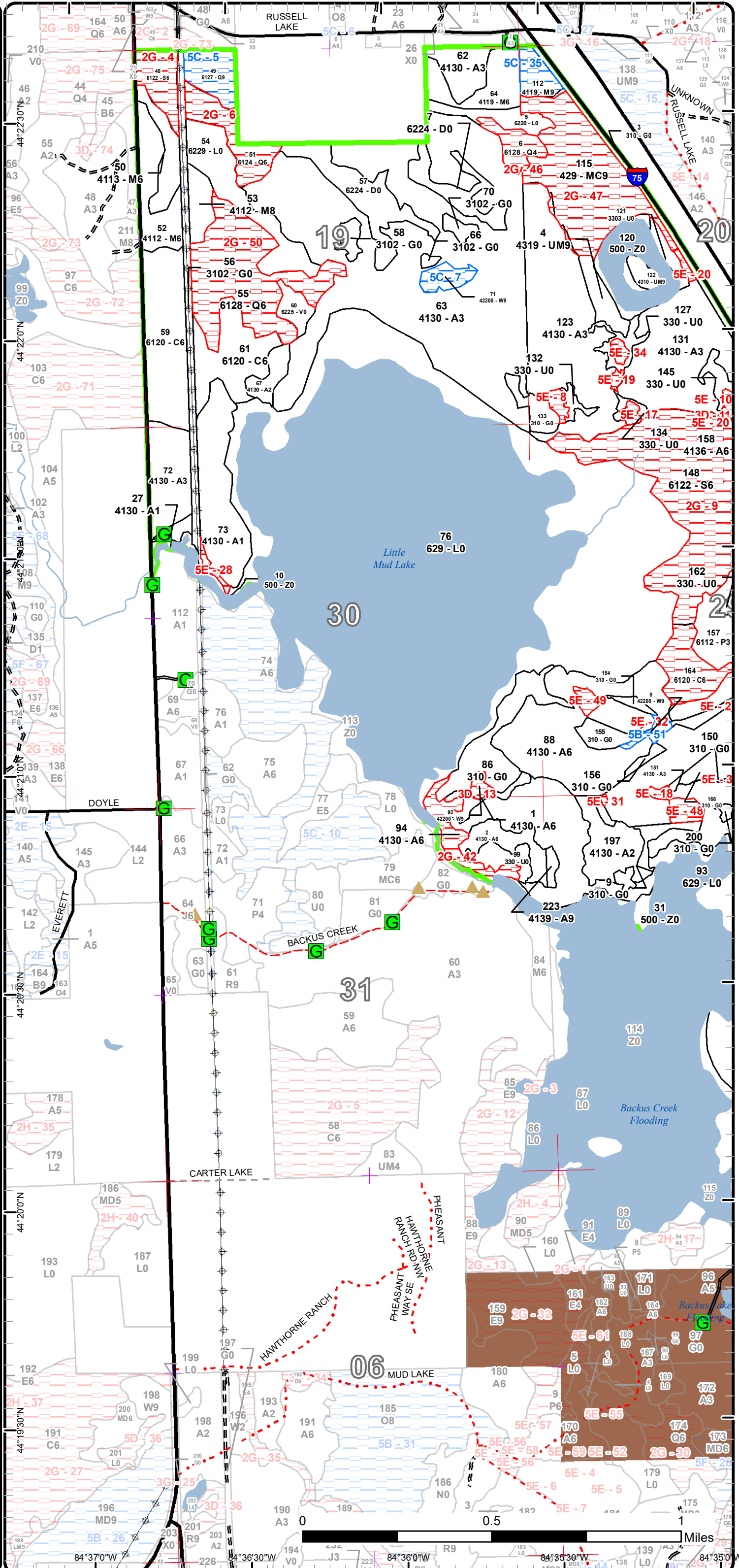


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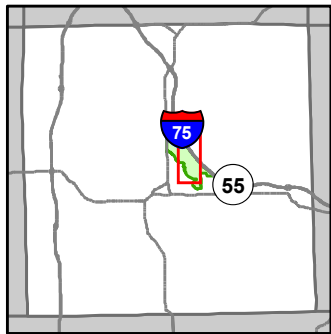


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- Available w/ Constraints
- Unavailable
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- 5C: Delay treatment for age/size class diversity or exceptional site quality
- 2G: Too wet (sensitive soils, does not include access issues)
- 3D: Recreational / Scenic values
- 5E: Long-Term Retention
- Stand Boundaries
- Wildlife Management Areas

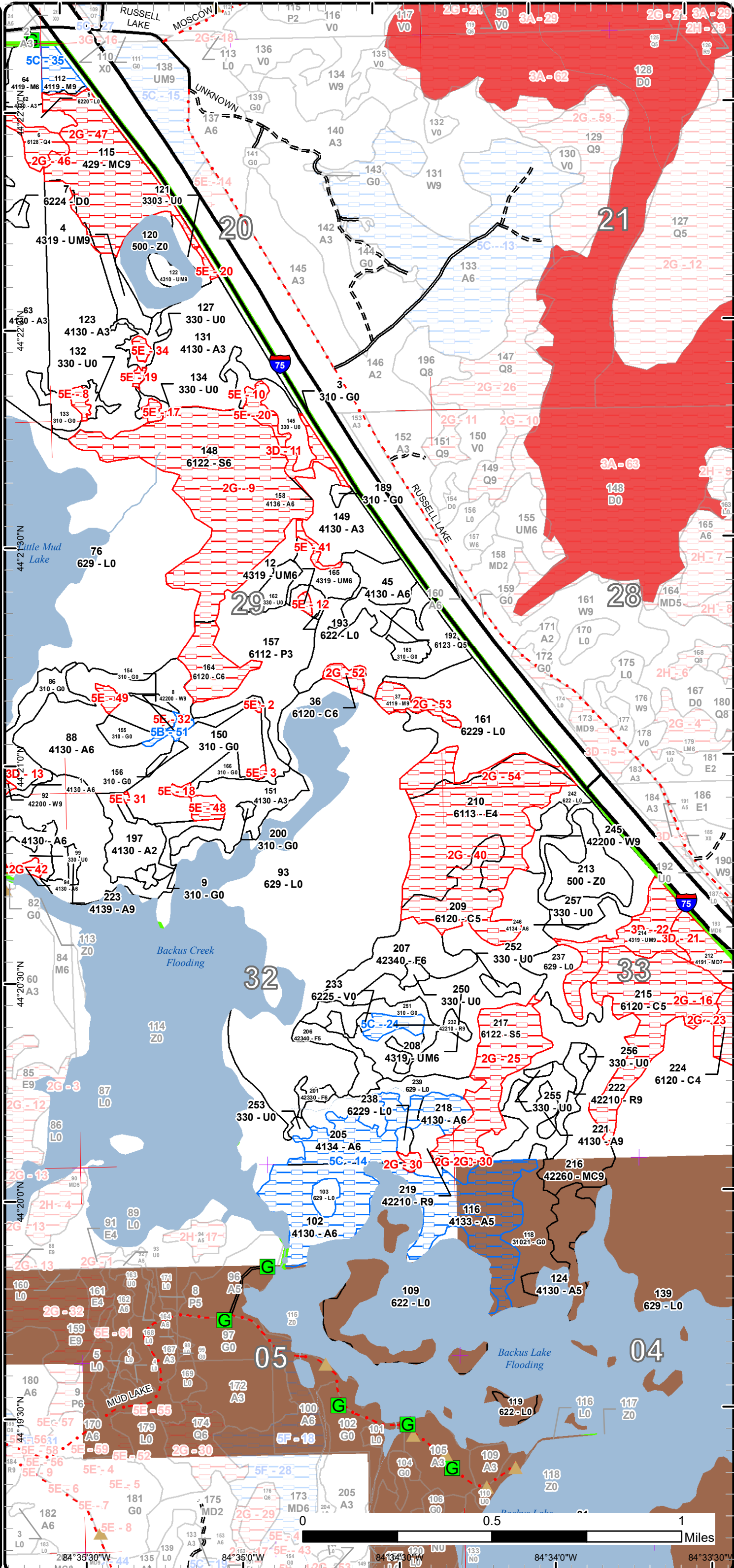


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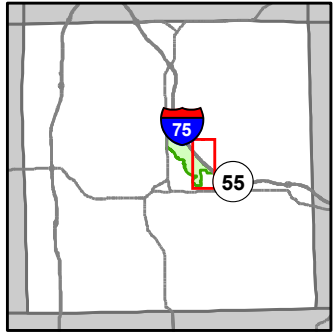


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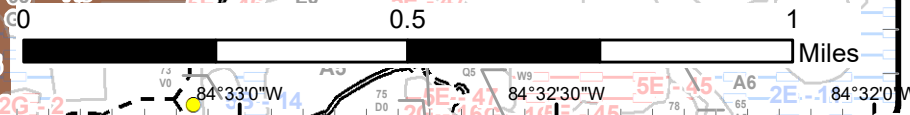
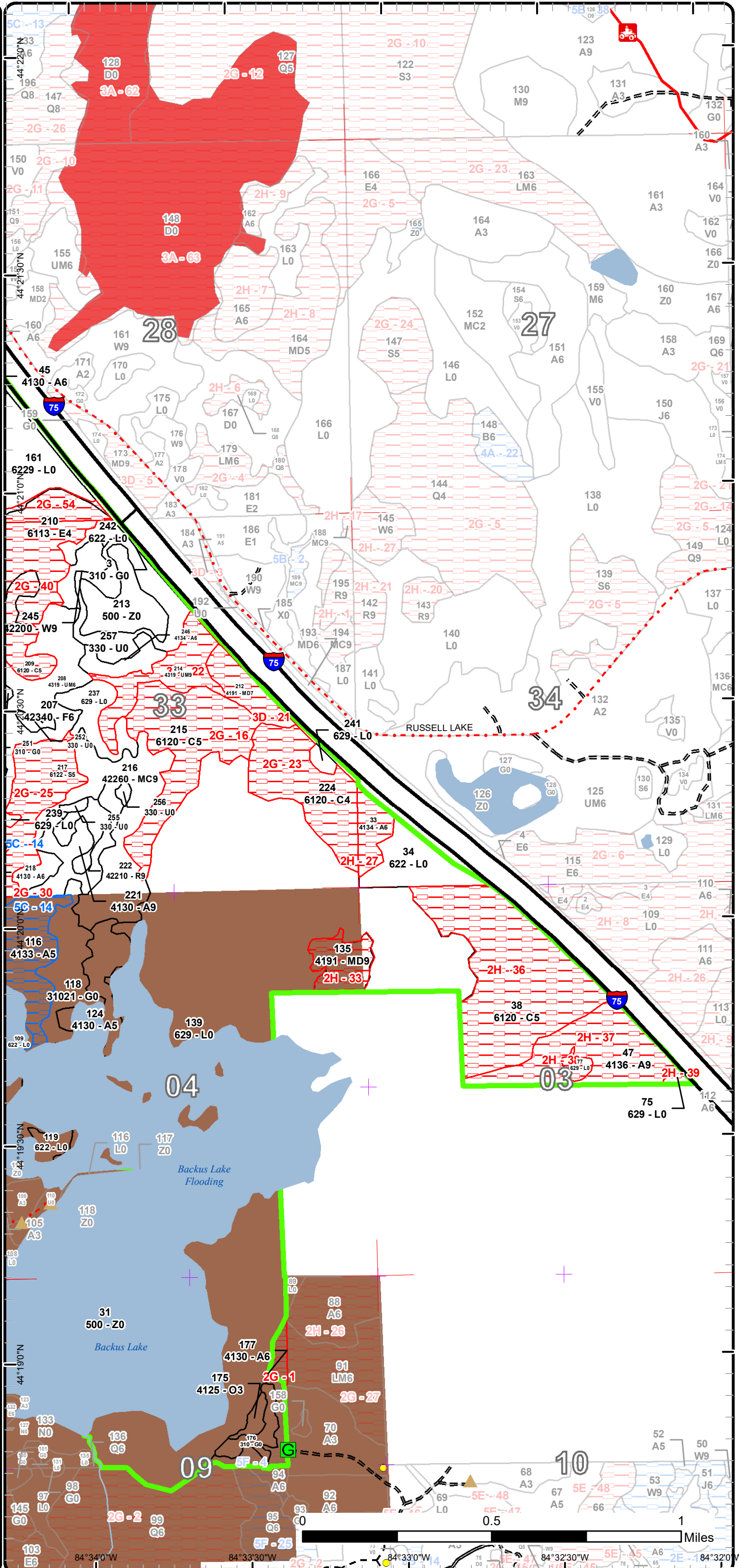


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- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
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Report 1 – Total Acres by Cover Type and Age Class



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	163	11	269	106	7	136	17	25	7	40	0	0	0	0	0	0	0	780
Bog	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Cedar	0	0	0	0	0	0	0	0	0	34	130	83	18	0	0	0	0	0	265
Herbaceous Openland	192	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	191
Low-Density Trees	68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	68
Lowland Aspen/Balsam Poplar	0	0	0	47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	46
Lowland Conifers	0	0	0	0	9	0	0	0	0	79	0	0	0	0	0	0	0	0	87
Lowland Deciduous	0	0	0	0	0	0	60	0	0	0	0	0	0	0	0	0	0	0	60
Lowland Shrub	1557	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1557
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	0	11	36	0	96	0	0	0	0	0	143
Mixed Upland Deciduous	0	0	0	0	0	0	0	0	0	0	26	0	0	0	0	0	0	0	26
Natural Mixed Pines	0	0	0	0	0	0	0	0	0	0	0	0	42	0	0	0	0	0	42
Northern Hardwood	0	0	0	0	0	0	0	0	49	0	6	7	0	0	0	0	0	0	61
Oak	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Red Pine	0	0	0	0	0	0	0	0	0	0	18	4	0	0	0	0	0	0	22
Treed Bog	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31
Upland Conifers	0	0	0	0	0	0	0	0	0	0	50	0	0	0	0	0	0	0	50
Upland Mixed Forest	0	0	0	0	0	0	11	68	0	13	21	0	0	0	0	0	0	0	113
Upland Spruce/Fir	0	0	0	0	0	33	0	0	0	0	0	0	0	0	0	0	0	0	33
Water	335	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	335
White Pine	0	0	0	0	0	0	0	0	0	6	9	0	0	0	0	0	0	0	15
Total	2189	163	11	316	118	40	207	85	74	150	336	94	156	0	0	0	0	0	3934



Report 2 – Treatment Summary

Roscommon Mgt. Unit
Year of Entry: 2022

Acres of Harvest

Compartment 41
Total Compartment Acres: 3,935

Commercial Harvest - 198
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	62	0	0	0	0	0	0	0	0	62
Natural Mixed Pines	0	0	0	0	0	42	0	0	0	42
Red Pine	0	0	0	0	0	18	0	0	0	18
Upland Mixed Forest	77	0	0	0	0	0	0	0	0	77
Total	139	0	0	0	0	59	0	0	0	198

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	198	0	0	0	41	0	0	0	156	395
Next Step	0	0	0	0	37	0	198	0	102	337
Total	198	0	0	0	77	0	198	0	257	732



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	Habitat Cut
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Proposed Treatments:

116	71041116-6- New	0.0	4133 - Aspen, Mixed Pine	Poletimber Medium	56	Unspec ified	Unspecified	ERROR	Unspecified		No
<u>Prescription</u> <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition</u> Age-Class or Site Quality <u>Proposed Start Date:</u> 10/1 /2021											
133	71041133-NF	13.6	310 - Herbaceous Openland	Nonstocked		Unspec ified	NonForestMgt	Other - Specify	310 - Herbaceous Openland		No
<u>Prescription</u> Mow, cultivate, fertilize, seed as required to maintain established Wildlife Opening, Backus Field 3. <u>Specs:</u> <u>Next Step</u> NonForestMgt, Herbaceous/Crop/Grass Planting <u>Treatments:</u> <u>Acceptable</u> <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 7 /9 /2020											

Approved Treatments:

58	71041058.96_ NF	2.9	3102 - Grass	Nonstocked			NonForestMgt	Mowing	3102 - Grass		No
<u>Prescription</u> <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 12/30/1899											



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	Habitat Cut
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66	71041066.95_ NF	0.9	3102 - Grass	Nonstocked			NonForestMgt	Mowing	3102 - Grass		No
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Prescription

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 12/30/1899

70	71041070.94_ NF	2.4	3102 - Grass	Nonstocked			NonForestMgt	Mowing	3102 - Grass		No
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Prescription

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 12/30/1899

86	71041086.93_ NF	17.5	310 - Herbaceous Openland	Nonstocked			NonForestMgt	Mowing	3102 - Grass		No
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Prescription

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 12/30/1899

99	71041099.92_ NF	5.9	330 - Low-Density Trees	Nonstocked			NonForestMgt	Mowing	3102 - Grass		No
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Prescription

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 12/30/1899



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	Habitat Cut
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118	71041118-NF	20.8	31021 - Cool Season Grass	Nonstocked		Unspec ified	NonForestMgt	Mowing	31021 - Cool Season Grass		No
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Prescription Opening Maintenance as appropriate

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2021

124	71041124-Cut	21.4	4130 - Aspen	Poletimber Medium	55		Harvest	Clearcut with Retention	4136 - Aspen, Mixed Conifer	Even-Aged	No
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Prescription Final harvest all species to a 2 inch diameter, however leave all white pine and oaks over 26 inches for mast, roast, and future snags. Place a 3 percent retention island within the stand's center. Place rabbit along the boundaries with the lowland type.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable aspen with mixed conifer to moderate stocking.

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2020

150	71041150- Burn	36.9	310 - Herbaceous Openland	Nonstocked	0		Burn	Other	3102 - Grass		No
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Prescription multiple burns over a 5-8 year period to eliminate needle/duff layers and encourage stumps to rot down faster

Specs:

Next Step Burn, Opening

Treatments:

Acceptable none - stand to be managed as maintained opening with surrounding stands, will eventually be part of the GEM's area/trail.

Regen:

Other Percent to Treat = 100%, burn thru retention areas where appropriate

Comment:

Site Condition

Proposed Start Date: 9/3 /2019

86	71041153.31_ NF	1.8	310 - Herbaceous Openland	Nonstocked			NonForestMgt	Mowing	310 - Herbaceous Openland		No
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Prescription Mow, cultivate, fertilize, seed as required to maintain established Wildlife Opening, Backus Field 14.

Specs:

Next Step NonForestMgt, Herbaceous/Crop/Grass Planting

Treatments:

Acceptable

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2016



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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154	71041154.75_ NF	1.5	310 - Herbaceous Openland	Nonstocked		NonForestMgt	Mowing	310 - Herbaceous Openland		No
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Prescription Mow, cultivate, fertilize, seed as required to maintain established Wildlife Opening, Backus Field 13.

Specs:

Next Step NonForestMgt, Herbaceous/Crop/Grass Planting

Treatments:

Acceptable

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2016

155	71041155.76_ NF	4.8	310 - Herbaceous Openland	Nonstocked	Immatu re	NonForestMgt	Herbaceous/Crop /Grass Planting	3102 - Grass		No
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Prescription Mow, cultivate, fertilize, seed as required to maintain established Wildlife Opening, Backus Field 15.

Specs:

Next Step ; NonForestMgt, Herbaceous/Crop/Grass Planting

Treatments:

Acceptable

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2016

156	71041156.70_ NF	1.6	310 - Herbaceous Openland	Nonstocked		NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		No
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Prescription Mow, cultivate, fertilize, seed as required to maintain established Wildlife Opening, Backus Field 12.

Specs:

Next Step NonForestMgt, Herbaceous/Crop/Grass Planting

Treatments:

Acceptable

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2016



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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162	71041162.29_NF	6.7	330 - Low-Density Trees	Nonstocked			NonForestMgt	Mowing	310 - Herbaceous Openland	No
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Prescription Mow, cultivate, fertilize, seed as required to maintain established Wildlife Opening, Backus Field 7.

Specs:

Next Step NonForestMgt, Herbaceous/Crop/Grass Planting

Treatments:

Acceptable

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2016

165	71041165.37_Cut	9.6	4319 - Mixed Upland Forest	Poletimber Well	81	81-110	Harvest	Clearcut	413 - Aspen	Even-Aged	No
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Prescription final harvest (no retention) during the dormant season due to the age of the aspen, leave what few oaks there are for wildlife mast, buffer around any wet areas (especially Stand #66 and on the drainage on the east edge) for BMP's, buffer grassy opening as appropriate, leave out W9 for diversity

Specs:

Next Step Monitoring, Natural Regen (Intermediate)

Treatments:

Acceptable any combination of hardwoods and conifers to a fully stocked stand, trench and plant jack pine as alternate regeneration if large areas of

Regen: aspen fail to regenerate

Other use rabbitat and drumming log spec, use Hare Spec 5.2.4.7

Comment:

Site Condition

Proposed Start Date: 10/1 /2016

166	71041166.64_NF	10.1	310 - Herbaceous Openland	Nonstocked		Unspec ified	NonForestMgt	Herbaceous/Crop /Grass Planting	3102 - Grass	No
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Prescription Mow, cultivate, fertilize, seed as required to maintain established Wildlife Opening, Backus Fields 8 and 9.

Specs:

Next Step NonForestMgt, Herbaceous/Crop/Grass Planting

Treatments:

Acceptable

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2016

176	71041176.84_NF	7.3	310 - Herbaceous Openland	Nonstocked			NonForestMgt	Mowing	3102 - Grass	No
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Prescription Opening Maintenance as specified by WD

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 12/30/1899



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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189	71041189.28_ NF	1.2	310 - Herbaceous Openland	Nonstocked		NonForestMgt	Mowing	310 - Herbaceous Openland		No
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Prescription Mow, cultivate, fertilize, seed as required to maintain established Wildlife Opening, Backus Field 6.

Specs:

Next Step NonForestMgt, Herbaceous/Crop/Grass Planting

Treatments:

Acceptable

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2016

145	71041190.26_ NF	11.9	330 - Low-Density Trees	Nonstocked		NonForestMgt	Mowing	310 - Herbaceous Openland		No
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Prescription Mow, cultivate, fertilize, seed as required to maintain established Wildlife Opening, Backus Field 5.

Specs:

Next Step NonForestMgt, Herbaceous/Crop/Grass Planting

Treatments:

Acceptable

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2016

9	71041248.43_ Burn	2.5	310 - Herbaceous Openland	Nonstocked	Unspec ified	Burn	Opening	3102 - Grass		No
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Prescription multiple burns over a 5-8 year period to kill any encroaching hardwoods. Only burn portions of Stand 9 that are immediately adjacent to stand 150.

Specs:

Next Step NonForestMgt, Herbaceous/Crop/Grass Planting

Treatments:

Acceptable

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2016

9	71041249.55_ Burn	1.1	310 - Herbaceous Openland	Nonstocked	Unspec ified	Burn	Opening	3102 - Grass		No
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Prescription multiple burns over a 5-8 year period to kill any encroaching hardwoods, expand into Stand 1 as appropriate where aspen has not regenerated, possibly connect with Stand 400 to make one big grassy opening

Specs:

Next Step NonForestMgt, Herbaceous/Crop/Grass Planting

Treatments:

Acceptable

Regen:

Other

burns to start after Stand 3 is harvested, burn with Stand 3

Comment:

Site Condition

Proposed Start Date: 10/1 /2008



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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250	71041250.12_NF	2.1	330 - Low-Density Trees	Nonstocked		NonForestMgt	Mowing	310 - Herbaceous Openland		No
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Prescription Mow, cultivate, fertilize, seed as required to maintain established Wildlife Opening, Backus 20
Specs:

Next Step NonForestMgt, Mowing
Treatments:

Acceptable
Regen:

Other
Comment:

Site Condition

Proposed Start Date: 10/1 /2018

251	71041251.13_NF	14.9	310 - Herbaceous Openland	Nonstocked	Unspecified	NonForestMgt	Mowing	310 - Herbaceous Openland		No
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Prescription Mow, cultivate, fertilize, seed as required to maintain established Wildlife Opening, Backus 19
Specs:

Next Step NonForestMgt, Mowing
Treatments:

Acceptable
Regen:

Other
Comment:

Site Condition

Proposed Start Date: 10/1 /2018

252	71041252.14_NF	2.0	330 - Low-Density Trees	Nonstocked		NonForestMgt	Mowing	310 - Herbaceous Openland		No
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Prescription Mow, cultivate, fertilize, seed as required to maintain established Wildlife Opening, Backus 21
Specs:

Next Step NonForestMgt, Mowing
Treatments:

Acceptable
Regen:

Other
Comment:

Site Condition

Proposed Start Date: 10/1 /2018



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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253	71041253.9_N F	1.6	330 - Low-Density Trees	Nonstocked		NonForestMgt	Mowing	310 - Herbaceous Openland		No
<u>Prescription</u> Mow, cultivate, fertilize, seed as required to maintain established Wildlife Opening, Backus 18										
<u>Specs:</u>										
<u>Next Step</u> NonForestMgt, Mowing										
<u>Treatments:</u>										
<u>Acceptable</u>										
<u>Regen:</u>										
<u>Other</u>										
<u>Comment:</u>										
<u>Site Condition</u>										
<u>Proposed Start Date:</u> 10/1 /2018										

255	71041255.10_ NF	1.1	330 - Low-Density Trees	Nonstocked		NonForestMgt	Mowing	310 - Herbaceous Openland		No
<u>Prescription</u> Mow, cultivate, fertilize, seed as required to maintain established Wildlife Opening, Backus 22										
<u>Specs:</u>										
<u>Next Step</u> NonForestMgt, Mowing										
<u>Treatments:</u>										
<u>Acceptable</u>										
<u>Regen:</u>										
<u>Other</u>										
<u>Comment:</u>										
<u>Site Condition</u>										
<u>Proposed Start Date:</u> 10/1 /2018										

257	71041257.11_ NF	23.1	330 - Low-Density Trees	Nonstocked		NonForestMgt	Mowing	320 - Upland Shrub		No
<u>Prescription</u> Mow, cultivate, fertilize, seed as required to maintain establish NEW Wildlife Opening										
<u>Specs:</u>										
<u>Next Step</u> NonForestMgt, Mowing										
<u>Treatments:</u>										
<u>Acceptable</u>										
<u>Regen:</u>										
<u>Other</u> NEW Wildlife Opening										
<u>Comment:</u>										
<u>Site Condition</u>										
<u>Proposed Start Date:</u> 10/1 /2018										

1	71083047-Cut	4.0	4130 - Aspen	Poletimber Well	74	51-80	Harvest	Clearcut	4130 - Aspen	Even-Aged	No
<u>Prescription</u> Final harvest and manage for aspen. Leave some scattered white pine for retention. May have to settle for less than 3% retention due to small acerage. Add rabbitat spec.											
<u>Specs:</u>											
<u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)											
<u>Treatments:</u>											
<u>Acceptable</u> Any combination of aspen and other species to a fully stocked stand											
<u>Regen:</u>											
<u>Other</u> Cut with Stands 20 and 29 of 71085 in 2017 YOIE											
<u>Comment:</u>											
<u>Site Condition</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	Habitat Cut
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2	71083047-cut-south	9.5	4130 - Aspen	Poletimber Well	74	51-80	Harvest	Clearcut	4130 - Aspen	Even-Aged	No
<p><u>Prescription</u> Final harvest and manage for aspen. Leave some scattered white pine for retention. May have to settle for less than 3% retention due to small acerage. Add rabbitat spec.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Any combination of aspen and other species to a fully stocked stand</p> <p><u>Regen:</u></p> <p><u>Other</u> Cut with Stands 20 and 29 of 71085 in 2017 YOE</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 5 /30/2018</p>											

208	71086012-Cut	67.8	4319 - Mixed Upland Forest	Poletimber Well	62	141- 170	Harvest	Clearcut with Retention	4134 - Aspen, Spruce/Fir	Even-Aged	No
<p><u>Prescription</u> Final harvest all species to a two inch d.b.h.. Place retention pockets around the perimeters of the maintained grass openings with the total percentage of retention being at the higher end of the range. Place rabbitat along the boundaries with the lowland type.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> aspen with a component of fir to full stocking.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2020</p>											

216	71086022-Cut	41.7	42260 - Natural Pine, Mixed Deciduous	Sawtimber Well	112	111- 140	Harvest	Crown Thinning	42111 - Planted Red Pine, Mixed Deciduous	Uneven- Aged	No
<p><u>Prescription</u> Thin the red pine down to a 90-110 basal area average. Remove the aspen, spruce, and all multi-stemmed red maple. When marking the red and white pine target the 16+ inch range for removal and any poor quality trees. Leave those red and white pines 26+ for future large snags.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u></p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2020</p>											



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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219	71086025-Cut	5.8	42210 - Natural Red Pine	Sawtimber Well	92	171- 200	Harvest	Crown Thinning	42211 - Natural Red Pine, Mixed Deciduous	Uneven- Aged	No
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Prescription Remove all aspen, red maple and fir down to a four inch d.b.h.. Thin remaining red pine down to a 100-120 basal area by removing the
Specs: larger(15+inch) and any poor formed red pines and leaving the smaller sawlogs and poles. Do not cut pines or oaks over 28 inches as to leave for future large snags. No retention due to small size.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2020

222	71086026-Cut	4.6	42210 - Natural Red Pine	Sawtimber Well	93	141- 170	Harvest	Crown Thinning	42211 - Natural Red Pine, Mixed Deciduous	Uneven- Aged	No
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Prescription Remove all aspen, red maple, spruce, and fir down to a four inch d.b.h.. Thin remaining red pine down to a 70-90 basal area by removing
Specs: the larger and any poor formed red pines(15+ inches class) and leaving the smaller sawlogs and poles. Leave trees with a d.b.h. larger than 28 inches for large future snags. No retention due to small size.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2021

221	71086027-Cut	17.1	4130 - Aspen	Sawtimber Well	62		Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
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Prescription Final harvest all species to 2 inches d.b.h.. Leave all trees 26 inches and greater for roost and future snags. Leave approximately 3 percent
Specs: total of retention. Some of the retention should be a buffer against the maintained opening.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Aspen with a mixed component of some softwoods, i.e. balsam fir to fully stocked levels.

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2020

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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
222 71086028-Cut	7.3	42210 - Natural Red Pine	Sawtimber Well	93	141-170	Harvest	Crown Thinning	42211 - Natural Red Pine, Mixed Deciduous	Uneven-Aged	No
<p><u>Prescription</u> Thin the red pine down to a basal area between 90 and 110. Favor leaving the smaller sawclass pine and poles and focus on the larger red pine in the 16+ inch or larger. Leave the red pines/white that are in the 28+ inch range for future snags. Remove all the aspen, basal fir, and maple. Leave no retention due to stands smaller, irregular shape.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u></p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2020</p>										
223 71086029-Cut	1.7	4139 - Aspen, Mixed Deciduous	Sawtimber Well	77		Harvest	Clearcut	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Final harvest and manage for aspen. Leave some scattered white pine for retention. Leave no retention due to stand's small size. Add rabbit spec.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Aspen with mixed deciduous to full stocking</p> <p><u>Other Comment:</u> Treat this stand with Stand 47 in Compartment 83 which is slated for prep. in 2017.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2017</p>										
246 71086056-Cut	7.9	4134 - Aspen, Spruce/Fir	Poletimber Well	57	Unspecified	Harvest	Clearcut	4134 - Aspen, Spruce/Fir	Even-Aged	No
<p><u>Prescription</u> Final harvest all species to two inches. No retention due to small size.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Aspen with mixed fir to full stocking.</p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2020</p>										

Total Treatment 394.6
Acres Proposed:

Report 4 – Site Conditions

Roscommon Mgt. Unit
Doug Bates : Examiner

Compartment: 41
Year of Entry: 2022

Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	Dominant Site Conditions						
		With Condition	Not Available		5B	5C	5F	2G	2H	3D	5E
779	589	112	78	Aspen		104	8	10	49	7	11
6	6	0	0	Bog				0			
265	57	0	208	Cedar				125	83		
192	184	0	8	Herbaceous Openland		0		0			8
68	68	0	0	Low-Density Trees				0			0
47	47	0	0	Lowland Aspen/Balsam Poplar				0			0
87	9	11	68	Lowland Conifers		11		68			
60	0	0	60	Lowland Deciduous				60			
1557	1544	0	13	Lowland Shrub				9	4		0
142	2	0	140	Lowland Spruce/Fir				140			0
26	0	0	26	Mixed Upland Deciduous					14	12	
42	42	0	0	Natural Mixed Pines							
62	49	6	6	Northern Hardwood		6		6			
3	3	0	0	Oak							
22	17	4	0	Red Pine		4		0			
31	31	0	0	Treed Bog							
50	0	1	49	Upland Conifers		1		49			
113	88	0	24	Upland Mixed Forest						21	3
33	33	0	0	Upland Spruce/Fir							
335	335	0	0	Water							0
16	6	7	2	White Pine	3	5				2	0
3,935	3,111	141	682	Total Forested Acres	3	131	8	468	150	42	22
	79%	4%	17%	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)	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Roscommon Mgt. Unit
Doug Bates : Examiner

Compartment: 41
Year of Entry: 2022

2	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
3	Unavailable	5E: Long-Term Retention	1	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	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	14	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Roscommon Mgt. Unit
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Compartment: 41
Year of Entry: 2022

8	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
9	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	110	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	Unspecified	Unspecified	Unspecified
Comments:							
10	Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
11	Unavailable	3D: Recreational / Scenic values	7	3G: Other Influence zones - See comments	Unspecified	Unspecified	Unspecified
Comments:							
12	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
13	Unavailable	3D: Recreational / Scenic values	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
14	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	104	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Wildlife Division wishes to stagger the aspen age classes in the GEM area.							

Report 4 – Site Conditions

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Compartment: 41

Year of Entry: 2022

16	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	47	5A: Not able to obtain desirable regeneration	Unspecified	Unspecified	Unspecified
Comments:							
17	Unavailable	5E: Long-Term Retention	2	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	Unspecified	Unspecified	Unspecified
Comments:							
18	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
19	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
20	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
21	Unavailable	3D: Recreational / Scenic values	12	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
22	Unavailable	3D: Recreational / Scenic values	21	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Roscommon Mgt. Unit

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Compartment: 41

Year of Entry: 2022

23	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	37	5D: Unproductive Forest Land	Unspecified	Unspecified	Unspecified
Comments:							
24	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
25	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	33	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
27	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
28	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
30	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Roscommon Mgt. Unit
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Compartment: 41
Year of Entry: 2022

31	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
32	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
33	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	14	2B: Unknown if access through adjacent landowner(s) is possible	Unspecified	Unspecified	Unspecified
Comments: landlocked by swamp, I-75, and private property							
34	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
35	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
36	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	83	2B: Unknown if access through adjacent landowner(s) is possible	Unspecified	Unspecified	Unspecified
Comments: landlocked by swamp, I-75, and private property							

Report 4 – Site Conditions

Roscommon Mgt. Unit
Doug Bates : Examiner

Compartment: 41
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37	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	40	Unspecified	Unspecified	Unspecified	Unspecified
Comments: stand is POG as designated in the draft old growth plan, no access due to I-75							
38	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	3	2B: Unknown if access through adjacent landowner(s) is possible	Unspecified	Unspecified	Unspecified
Comments: landlocked by swamp, I-75, and private property							
39	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	1	2B: Unknown if access through adjacent landowner(s) is possible	Unspecified	Unspecified	Unspecified
Comments: landlocked by swamp, I-75, and private property							
40	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	73	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
41	Unavailable	5E: Long-Term Retention	2	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Roscommon Mgt. Unit

Doug Bates : Examiner

Compartment: 41

Year of Entry: 2022

42	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
46	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
47	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	50	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
48	Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
49	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
50	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	47	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Roscommon Mgt. Unit

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51	Available	5B: Maintain for regeneration purposes	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
52	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
53	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
54	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	19	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
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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
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	Managed Site	General Comments																																																							
1	4130 - Aspen	Poletimber Well	4.0	74	51-80	N/A	Mixed stand of aspen and maple. Some scattered oak , pine and paper birch. Some areas more pure to maple. Stand crosses into compartment to the east. Multiple maintained openings bisect stand.																																																							
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4	4319 - Mixed Upland Forest	Sawtimber Well	6.8	51	81-110	N/A																																																								
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5	6220 - Alder/willow	Nonstocked	7.6			No																																																								
6	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Poor	7.3	84	51-80	N/A	Stand was not able to be visited due to field restrictions for Spring 2020.																																																							
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7	6224 - Treed Bog	Nonstocked	10.9	0		No																																																													
8	42200 - Natural White Pine	Sawtimber Well	2.5	94	171-200	N/A																																																													
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9	310 - Herbaceous Openland	Nonstocked	6.3		Unspecified	Managed Opening	Opening with a few clumps of trees maintained by wildlife division.																																																												
10	500 - Water	Nonstocked	22.4		Unspecified	No																																																													
12	4319 - Mixed Upland Forest	Poletimber Well	1.1	81	81-110	N/A	upland with some potholes of tag alder which are mostly on the edges or concentrated around Stand #66, stand is a mix of TA/RM and BF/WP, lots of BF and some aspen blow-down, heavy BF understory thru-out most of the stand except for the north arm, east edge is a broad drainage, there is also a small inclusion of W9 tucked into the west part of the stand with "L" on 3 sides, stand will convert to WP/BF if not treated, should get good aspen sprouting if cut during the dormant season and if no retention is left, trench and plant jack pine as alternate regeneration if large areas of aspen fail to regenerate																																																												
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27	4130 - Aspen	Sapling Poor	3.4	6	Immature	N/A	Stand was cut in the summer of 2016																																																												
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31	500 - Water	Nonstocked	275.8			No	BACKUS CREEK FLOODING																																																												
33	4134 - Aspen, Spruce/Fir	Poletimber Well	9.3	51	51-80	N/A																																																													
34	622 - Lowland Shrub	Nonstocked	19.0		Unspecified	No																																																													



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
36	6120 - Lowland Cedar	Poletimber Well	3.5	111	141-170	N/A	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Northern White Cedar		95	Pole/Log	9	111	Balsam Fir	
Balsam Fir		3	Pole	6		Low	
Red Maple		1	Pole/Log	8		Variable	
Paper Birch		1	Pole	7		Sapling	
						Tag Alder	
						Medium	
						10 - 20 feet	
						Tall Shrub	
37	4119 - Mixed Northern Hardwoods	Sawtimber Well	6.5	101	81-110	N/A	Lots of balsam fur but most of it is in the understory. The eastern finger is lower, wetter, and has some cedar.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Paper Birch		20	Pole/Log	8		Balsam Fir	
Red Maple		69	Log/Pole	12	101	Medium	
Quaking Aspen		5	Log	12		Variable	
Balsam Fir		5	Pole	6		Sapling	
Northern White Cedar		1	Log/Pole	10		Trace	
						5 - 10 feet	
						Sapling	
						Medium	
						>20 feet	
						Sapling	
						Medium	
						>20 feet	
						Pole	
						Trace	
						>20 feet	
						Pole	
38	6120 - Lowland Cedar	Poletimber Medium	83.4	106	Unspecified	N/A	
Canopy Species		% Cover	Size Class	DBH	Age		
Red Maple		5	Log	10			
Black Spruce		35	Pole	6			
Northern White Cedar		50	Pole	5	106		
Tamarack		10	Pole/Sapling	5			
45	4130 - Aspen	Poletimber Well	47.8	32	Immature	N/A	Cut in 1989, upland stand with multiple low wet areas.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Quaking Aspen		48	Pole/Sapling	5	32	Red Maple	
Red Maple		10	Pole/Sapling	6		Medium	
Paper Birch		2	Sapling/Pole	3		Variable	
White Oak		2	Sapling/Pole	4		Sapling	
Black/Red (Hybrid) Oak		3	Pole/Sapling	5		Low	
Balsam Fir		15	Pole/Sapling	5		5 - 10 feet	
Bigtooth Aspen		20	Pole/Sapling	6	32	Tall Shrub	
47	4136 - Aspen, Mixed Conifer	Sawtimber Well	39.9	95		N/A	Part of draft Old Growth Plan - SCA
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Bigtooth Aspen		75	Log/Pole	11	95	Northern Pin Oak	
Northern Pin Oak		5	Log	14		Low	
Balsam Fir		5	Pole	6		Variable	
White Pine		15	Log/Pole	10		Sapling	



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48	6122 - Black Spruce	Poletimber Well	10.6	87	1-50	N/A	Stand was not able to be visited due to field restrictions for Spring 2020.																																						
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49	6127 - Lowland Pine	Sawtimber Well	10.7	87	81-110	N/A	Stand was not able to be visited due to field restrictions for Spring 2020.																																						
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50	4113 - R.Maple, Conifer	Poletimber Well	9.7	74	51-80	N/A	Red maple pole timber stand on hummocky ground. Heavy balsam fir component. Stand was not able to be visited due to field restrictions for Spring 2020.																																						
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51	6124 - Lowland Spruce-Fir	Poletimber Well	14.0	87	1-50	N/A	Lowland conifer stand. South end contains dead and doomed black ash from EAB. Stand was not able to be visited due to field restrictions for Spring 2020.																																						
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52	4112 - Maple, Beech, Cherry Association	Poletimber Well	17.5	74	51-80	N/A	Red maple stump sprout stand along M-18. Stand exhibits great fall colors. Stand was not able to be visited due to field restrictions for Spring 2020.																																						
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53	4112 - Maple, Beech, Cherry Association	Sawtimber Medium	7.0	74	1-50	N/A	Open low density stump sprout red maple. Stand was not able to be visited due to field restrictions for Spring 2020.																																						
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																					
54	6229 - Mixed lowland shrub	Nonstocked	22.7			No																																						
55	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	47.0	84	111-140	N/A	Higher ground areas consist of red maple balsam fir and some aspen. Lowland areas are dominated by cedar. Small intermittent creek runs from north to south found in stand. North end is somewhat higher with more red maple and balsam fir. Stand was not able to be visited due to field restrictions for Spring 2020.																																					
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56	3102 - Grass	Nonstocked	16.2		Unspecified	No	Cleared R.O.W. for overhead powerline.																																					
57	6224 - Treed Bog	Nonstocked	20.2			No																																						
58	3102 - Grass	Nonstocked	2.9			Managed Opening	Scattered clumps of trees throughout.																																					
59	6120 - Lowland Cedar	Poletimber Well	33.6	87	141-170	N/A	Stand was not able to be visited due to field restrictions for Spring 2020.																																					
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60	6225 - Bog	Nonstocked	5.0			No																																						
61	6120 - Lowland Cedar	Poletimber Well	23.0	94	111-140	N/A	Stand was not able to be visited due to field restrictions for Spring 2020.																																					
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62	4130 - Aspen	Sapling Well	10.5	15	Unspecified	N/A	Some super canopy oak scattered about.																																																									
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63	4130 - Aspen	Sapling Well	190.6	26	Immature	N/A	Stand is just on the edge of being overall pole-sized. Some parts already are.																																																									
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64	4119 - Mixed Northern Hardwoods	Poletimber Well	14.9	74	51-80	N/A	Red maple pole timber stand mixed with some oak and large white pine. Very close to overall log sized. West and south edges of stand start to transition to lowland.																																																									
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71	42200 - Natural White Pine	Sawtimber Well	5.0	94	201+	N/A	Small stand of highly stocked white pine sawtimber.																																																				
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73	4130 - Aspen	Sapling Poor	31.9	6	Immature	N/A	Cut in the summer of 2016. Stand was not able to be visited due to field restrictions for Spring 2020.																																																				
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75	629 - Mixed non-forested wetland	Nonstocked	1.3		Immature	No																																																					
76	629 - Mixed non-forested wetland	Nonstocked	538.6			No																																																					
77	629 - Mixed non-forested wetland	Nonstocked	2.5		Immature	No																																																					
86	310 - Herbaceous Openland	Nonstocked	19.4			Managed Opening																																																					
88	4130 - Aspen	Poletimber Well	50.4	32	51-80	N/A																																																					
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92	42200 - Natural White Pine	Sawtimber Well	1.8	94	171-200	N/A	Small stand of sawtimber white pine.																																																							
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93	629 - Mixed non-forested wetland	Nonstocked	285.7			No																																																								
94	4130 - Aspen	Poletimber Well	9.5	74	51-80	N/A	Mixed stand of aspen and maple. Some scattered oak, pine and paper birch. Some areas more pure to maple. Stand crosses into compartment to the east. Multiple maintained openings bisect stand.																																																							
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99	330 - Low-Density Trees	Nonstocked	5.8			Managed Opening																																																								
102	4130 - Aspen	Poletimber Well	32.1	55	Unspecified	N/A	nice BTA pole stand with some older BTA SL on east/west/south edges which is circa 1945 YOO, heavy BF u.s. in spots with smaller pockets of natural R/W pine inclusions within the stand																																																							
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103	629 - Mixed non-forested wetland	Nonstocked	3.7			No	Cattails with tag alder and some sapling sized balsam fir, tamarack, red maple, and paper birch encroaching.																																																							
109	622 - Lowland Shrub	Nonstocked	96.6		Unspecified	No	Three are small islands of aspen on slightly higher knolls on the west side with the largest only being couple acres. No way to get to them.																																																							
112	4119 - Mixed Northern Hardwoods	Sawtimber Well	6.3	97	111-140	N/A	Small stand, red maple with white pine, birch, and scattered oak.																																																							
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115	429 - Mixed Upland Conifers	Sawtimber Well	49.7	95	111-140	N/A	Mixed stand with mostly red maple and white pine. There is a pocket of red pine centrally located.																																																																					
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116	4133 - Aspen, Mixed Pine	Poletimber Medium	42.8	56	Unspecified	N/A	mostly TA poles with scattered oak/RM poles and SL and mixed pine poles and SL, scattered XL oak/RP/WP, numerous pockets heavy to RP, WP, or both																																																																					
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118	31021 - Cool Season Grass	Nonstocked	20.8		Unspecified	Managed Opening	WLD managed opening																																																																					
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120	500 - Water	Nonstocked	18.5			No																																																																						
121	3303 - Mixed Low Density Trees	Nonstocked	5.3			No																																																																						
122	4310 - Pine, Oak Mix	Sawtimber Well	4.1	53	51-80	N/A	This stand is an island with with sparsely forested areas. There are several age classes.																																																																					
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124	4130 - Aspen	Poletimber Medium	21.4	55		N/A	mix of TA/RM poles with WP poles and Balsam Fir saps/poles in spots																																													
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127	330 - Low-Density Trees	Nonstocked	4.3			Managed Opening																																														
131	4130 - Aspen	Sapling Well	51.7	4	Immature	N/A	.																																													
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134	330 - Low-Density Trees	Nonstocked	1.3			Managed Opening																																														
135	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	13.6	92	51-80	N/A	Island stand																																													
139	629 - Mixed non-forested wetland	Nonstocked	481.7			No																																														



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																															
145	330 - Low-Density Trees	Nonstocked	11.9			Managed Opening																																																
148	6122 - Black Spruce	Poletimber Well	95.6	111		N/A	wet lowland conifer stand with numerous small potholes of tag alder, other slightly drier gaps have balsam fir/black spruce saplings																																															
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149	4130 - Aspen	Sapling Well	22.7	21	Immature	N/A	Cut in 2000, scattered oak left for diversity, mast, and retention.																																															
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150	310 - Herbaceous Openland	Nonstocked	44.8	0		No	Final harvested in Winter 2019, left retention islands at NE corner and south ends of the stand, manage as maintained opening with surrounding grassy openings.																																															
151	4130 - Aspen	Sapling Well	20.5	21	Immature	N/A	Cut in 2000																																															
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154	310 - Herbaceous Openland	Nonstocked	1.5			Managed Opening																																																
155	310 - Herbaceous Openland	Nonstocked	4.8		Immature	Managed Opening																																																
156	310 - Herbaceous Openland	Nonstocked	1.6			Managed Opening																																																



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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157 6112 - Lowland Aspen Sapling Well 46.5 21 Immature N/A Cut in 2000. Lots of low, wet areas.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	35	Sapling/Pole	4	21	Tag Alder	Low	5 - 10 feet	Tall Shrub
Red Maple	12	Sapling/Pole	4		Balsam Fir	Medium	Variable	Sapling
Black/Red (Hybrid) Oak	3	Sapling	4		White Oak	Low	Variable	Sapling
Balsam Fir	15	Sapling/Pole	4					
Bigtooth Aspen	35	Sapling/Pole	4	21				

158 4136 - Aspen, Mixed Conifer Poletimber Well 7.0 81 N/A rim of aspen/RM/conifers around a maintained wildlife opening, keep as buffer for the opening as acreage is too small and volume is too low to bother with this stand, will be good visual buffer for I-75 also

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen	60	Pole/Log	8	81	Red Maple	Medium	Variable	Sapling
Red Maple	10	Pole	6		Balsam Fir	Low	Variable	Sapling
Black/Red (Hybrid) Oak	5	XLog	24		White Pine	Low	Variable	Sapling
Pin Cherry	5	Pole	6		Bigtooth Aspen	Medium	Variable	Sapling
Balsam Fir	10	Pole	6					
White Pine	10	Pole	8					

161 6229 - Mixed lowland shrub Nonstocked 49.1 No Stand was black ash pole stand with scattered swamp conifers but most of the trees are now standing dead.

162 330 - Low-Density Trees Nonstocked 6.7 Managed Opening Maintained Wildlife Opening

163 310 - Herbaceous Openland Nonstocked 3.3 No

164 6120 - Lowland Cedar Poletimber Well 14.7 111 141-170 N/A

Canopy Species	% Cover	Size Class	DBH	Age
Northern White Cedar	85	Pole/Log	9	111
Black Spruce	5	Pole	6	
Paper Birch	1	Pole	8	
Red Maple	5	Log/Pole	10	
Quaking Aspen	4	Log	12	

165 4319 - Mixed Upland Forest Poletimber Well 11.5 81 81-110 N/A upland with some potholes of tag alder which are mostly on the edges or concentrated around Stand #66, stand is a mix of TA/RM and BF/WP, lots of BF and some aspen blow-down, heavy BF understory thru-out most of the stand except for the north arm, east edge is a broad drainage, there is also a small inclusion of W9 tucked into the west part of the stand with "L" on 3 sides, stand will convert to WP/BF if not treated, should get good aspen sprouting if cut during the dormant season and if no retention is left, trench and plant jack pine as alternate regeneration if large areas of aspen fail to regenerate

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	2	Pole	7		Black Spruce	Trace	Variable	Sapling
Quaking Aspen	36	Pole/Log	9	81	Balsam Fir	High	Variable	Sapling
Red Maple	16	Pole/Log	9		White Pine	Low	Variable	Sapling
Northern White Cedar	2	Pole	7		Red Maple	Medium	Variable	Sapling
White Pine	12	Log/XLog/Pole	14					
Balsam Fir	30	Pole/Log	8	81				
Black Spruce	2	Pole	7					



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166	310 - Herbaceous Openland	Nonstocked	10.4		Unspecified	Managed Opening	Maintained by wildlife division.																																																															
175	4125 - Black, N. Pin Oak	Sapling Well	2.9	31	Immature	N/A	cut 1989, lots of oak regeneration with scattered oak SL and aspen poles																																																															
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176	310 - Herbaceous Openland	Nonstocked	7.2			Managed Opening	Maintained Wildlife Opening																																																															
177	4130 - Aspen	Poletimber Well	7.6	31	51-80	N/A																																																																
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189	310 - Herbaceous Openland	Nonstocked	1.2			Managed Opening	Maintained Wildlife Opening																																																															
192	6123 - Lowland Fir	Poletimber Medium	8.5	32	1-50	N/A																																																																
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193	622 - Lowland Shrub	Nonstocked	2.5			No																																																																
197	4130 - Aspen	Sapling Medium	15.5	21	Immature	N/A	Final harvested in 2000.																																																															
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200	310 - Herbaceous Openland	Nonstocked	0.9	0	Immature	No	Not on the list for a maintained opening by wildlife division.																																																															



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201	42330 - Upland Fir	Poletimber Well	2.5	49	51-80	N/A	Mostly an upland peninsula of fir with multi-stemmed red maple surrounded by lowland brush.																																															
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205	4134 - Aspen, Spruce/Fir	Poletimber Well	22.2	54	Unspecified	N/A	Aspen with a dense balsam fir mid and sub-canopies. Should treat to keep the aspen component. There is a small vernal pond within the center of the stand that was too small for delineation, place retention around this.																																															
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206	42340 - Upland Spruce/Fir	Poletimber Medium	8.0	49	111-140	N/A	Dense fir understory with it being the predominate cover species also. Individual multi-stemmed maple in clumps of 1-2 are scattered throughout.																																															
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207	42340 - Upland Spruce/Fir	Poletimber Well	22.8	49	81-110	N/A	Dense balsam fir understory and mid-canopy. The ground is relatively high and dry but grades to lower along the west fringe. Numerous blowdowns of small fir saplings. The maple is multi-stemmed individual trees in clumps of 1-2 throughout.																																															
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208	4319 - Mixed Upland Forest	Poletimber Well	67.8	62	141-170	N/A	Pole sized aspen stand with dense fir and some spruce understory. The maple is mainly multi-stemmed trees in clumps of 1-2 scattered throughout the stand. Find pockets of large red and white pine mainly at the south end. Should treat to keep the aspen component.																																															
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209	6120 - Lowland Cedar	Poletimber Medium	23.0	95	51-80	N/A	Cedar with dense fir understory. No regeneration other than that. Higher stockings on the east half with the west side being sparser and more tag alder mixed in. Numerous cedar with top dieback.																																																				
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210	6113 - Lowland Maple	Poletimber Poor	59.7	53	1-50	N/A	Sparse lowland type with a fair amount of standing dead ash still. Predominate type is maple with some super-canopy white pines throughout. The ground is standing water in numerous location all year with cattails in pockets.																																																				
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212	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Poor	11.9	98	51-80	N/A	Stand of large crowned maples, oak, and birch with pockets of white pine. There are several open grass areas broken up by the pockets of trees. This stand is narrow and parallels I-75. The stand is regenerating to pine mainly and would be best to leave for visual concerns.																																																				
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213	500 - Water	Nonstocked	18.5			No	PIGLET POND, BORROW PIT FOR I-75 CONSTRUCTION, USED BY FISH DIV. AT ONE TIME FOR WALLEYE REARING																																																				
214	4319 - Mixed Upland Forest	Sawtimber Well	21.3	95	81-110	N/A	Mixed stand of numerous large crowned maples amongst a white pine stand. The understory is heavy to either white pine or balsam fir or combination of both. The stand is naturally taking care of itself. Borders I-75 and would be best left for visual values.																																																				
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments	
215	6120 - Lowland Cedar	Poletimber Medium	47.2	95	51-80	N/A	The cedar has lots of mortality and top dieback. The northern fringe has some merchantable volumes as the elevation transition to high ground. The site is too wet and any type of regeneration from a treatment is highly unlikely. Leave for diversity.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Northern White Cedar		60	Pole	8	95	Tag Alder		
Black Spruce		15	Log/Pole	10		Balsam Fir		
White Pine		2	Log	12		Density		
Balsam Fir		14	Pole/Sapling	5		Avg. Height		
Red Maple		9	Log	12		Size		
216	42260 - Natural Pine, Mixed Deciduous	Sawtimber Well	41.7	112	111-140	N/A	Nice natural red pine stand with areas of red pine in the 170+ basal area. The understory is mostly dense white pine. recommend a light crown thin to remove some of the older red pine while promoting the younger red pine and the white pine in the understory. One day this stand with convert to white pine.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Red Pine		53	Log/XLog/Pole	14	112	Balsam Fir		
Black Spruce		4	Log/Pole	10		White Pine		
White Pine		12	XLog/Log	18		Density		
Red Maple		20	Log/Pole	10		Avg. Height		
Paper Birch		1	Pole/Log	8		Size		
Bigtooth Aspen		10	Pole	8				
217	6122 - Black Spruce	Poletimber Medium	36.1	93	1-50	N/A	Spruce stand with leatherleaf ground cover and tag alder in majority of areas. Mostly smaller sized trees. There is a pocket of spruce between stands 24 and 26 that has some saw sized spruce, but overall the stand is small poles and saplings. Too wet to treat.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Black Spruce		88	Pole/Sap/Log	7	93	Tag Alder		
Tamarack		2	Pole	5		Black Spruce		
Balsam Fir		8	Sapling/Pole	4		Density		
Red Maple		2	Pole	5		Avg. Height		
218	4130 - Aspen	Poletimber Well	7.1	49	Unspecified	N/A	Nice aspen stand with very little regeneration, even from competing species.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Bigtooth Aspen		86	Pole/Log	8	49	Balsam Fir		
Red Maple		7	Pole/Log	8		Density		
Red Pine		2	Log	12		Avg. Height		
Balsam Fir		5	Pole/Sapling	5		Size		
219	42210 - Natural Red Pine	Sawtimber Well	5.8	92	171-200	N/A	Natural red pine stand that is regenerating red pine. Recommend to thin down to 110 basal area average targeting the removal of the larger red pines in the 16+ inch diameters to open up the crowns for the smaller sawlog pines and poles mixed in.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Red Pine		90	Log/Pole	12	92	Red Pine		
Red Maple		4	Pole	8		Balsam Fir		
Bigtooth Aspen		2	Pole	8		Density		
Black/Red (Hybrid) Oak		1	Log/Pole	10		Avg. Height		
Balsam Fir		3	Pole/Sapling	6		Size		



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments	
221	4130 - Aspen	Sawtimber Well	17.1	62		N/A	Mature aspen stand with large natural red pine scattered throughout. Along the outer fringes that grade towards lower ground find more fir mixed in. Recommend treating and leaving retention as buffer around grass openings, approximately 3 percent. Leave trees 26 inches and greater for roast/snags.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Bigtooth Aspen		61	Log/Pole	10	62	White Pine		
Quaking Aspen		20	Pole/Log	9		Balsam Fir		
Red Pine		5	Log/Pole	12				
Red Maple		4	Pole	8				
Balsam Fir		5	Pole/Sapling	6				
Black/Red (Hybrid) Oak		1	Log	12				
White Pine		4	Log/Pole/XLog	14				
222	42210 - Natural Red Pine	Sawtimber Well	11.8	93	141-170	N/A		Natural red pine stand that has a good component of aspen mixed in. The regeneration is light and consist mainly of the white pine and fir. The aspen is in the 40 year old range. Recommend a treatment to remove the aspen and get a younger age class of it in the stand and thin the red pine targeting the older red pine for removal. The red pine stand will shrink in size and be typed more of an aspen stand.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Red Pine		63	Log/Pole	12	93	Red Pine		
Bigtooth Aspen		27	Pole/Log	8		Bigtooth Aspen		
Red Maple		6	Pole/Log	8		White Pine		
Balsam Fir		3	Pole/Sapling	6		Balsam Fir		
White Pine		1	Log/Pole	10				
223	4139 - Aspen, Mixed Deciduous	Sawtimber Well	1.7	77		N/A	The only good access for this stand is by way of Compartment 83 to the immediate west. Stand 47 in Compartment 83 is up for treatment so the best way to treat this small stand is to include it in with that treatment. There is about an 1.5 acre portion of this stand that is being left out and lumped with stand 6. There is a large expanse of tag alder marsh between the two stands. With the small size, it would not be feasible to treat.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Red Maple		38	Pole/Log	8		Red Maple		
Bigtooth Aspen		42	Log/Pole	10	77	Balsam Fir		
Quaking Aspen		11	Pole	8		White Pine		
Paper Birch		2	Pole	8				
Black/Red (Hybrid) Oak		5	Log	12				
White Pine		2	Log/Pole	10				
224	6120 - Lowland Cedar	Poletimber Poor	36.9	97	1-50	N/A	Cedar has mostly died out. what cedar that is still alive has a large amount of top die back. Leave for diversity, plus too wet and insufficient volumes to treat.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Northern White Cedar		72	Pole	8	97	Balsam Fir		
Black Spruce		20	Pole/Log	9		Tag Alder		
Balsam Fir		5	Pole/Sapling	5				
Red Maple		3	Log	10				
232	42210 - Natural Red Pine	Sawtimber Well	4.4	109	141-170	N/A	Nice natural red pine stand that has some red pine regeneration, but the majority of the youngest regen. is balsam fir. The middle of the stand is slightly lower and is void of pine but contains the aspen and maple. Could start to thin the stand and start to convert it to fir/aspen, final harvest and let come back what will and lump the unforested areas into Stand 403 or hold it for diversity.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Red Pine		65	Log/Pole/Sap	13	109	Balsam Fir		
Red Maple		15	Log/Pole	10				
Bigtooth Aspen		10	Pole/Log	8				
Paper Birch		1	Pole	7				
Balsam Fir		9	Pole/Sapling	6				



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233	6225 - Bog	Nonstocked	1.0			No	Leatherleaf bog.																																							
237	629 - Mixed non-forested wetland	Nonstocked	12.7			Managed Opening																																								
238	6229 - Mixed lowland shrub	Nonstocked	1.8			No																																								
239	629 - Mixed non-forested wetland	Nonstocked	17.3			Managed Opening																																								
241	629 - Mixed non-forested wetland	Nonstocked	2.2			No																																								
242	622 - Lowland Shrub	Nonstocked	4.4			No																																								
245	42200 - Natural White Pine	Sawtimber Well	6.4	84	141-170	N/A	Nice mixed pine stand with the north half being slightly higher in elevation resulting in it being exclusively red and white pine with just trace understory. The southern portion is lower and has the spruce, maple, fir mixed in.																																							
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246	4134 - Aspen, Spruce/Fir	Poletimber Well	7.9	57	Unspecified	N/A	Decent aspen stand with dense fire understory Should treat to keep aspen component.																																							
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250	330 - Low-Density Trees	Nonstocked	2.1			Managed Opening																																								
251	310 - Herbaceous Openland	Nonstocked	14.9		Unspecified	Managed Opening	Opening maintained by wildlife division.																																							
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
256	330 - Low-Density Trees	Nonstocked	1.1			No	Not on the list for wildlife maintained openings.
257	330 - Low-Density Trees	Nonstocked	23.1			No	Grass opening around the pond that has multiple pockets of aspen/oak/maple/pine scattered about within it.

Sub-Canopy Species	Density	Avg. Height	Size
Bigtooth Aspen	Medium	>20 feet	Pole
Black/Red (Hybrid) Oak	Low	>20 feet	Pole